Draft
Environmental Impact Report

SCH# 2025120791

Volume 2

Appendix A to B3

Euismod Energy Storage Project
by Euismod Project LLC
& Euismod Project I, LLC
(*PP26401)*

ZCC No. 22, Map 233; CUP No. 18, Map 233;
CUP No. 19, Map 233; CUP No. 20, Map 233;
CUP No. 21, Map 233; ZV No. 10, Map 233;
Non-Summary Vacation, Map 233

Kern County
Planning and Natural Resources Department
Bakersfield, California

August 2026

Appendices—Volume 2

NOTE TO REVIEWER OF ELECTRONIC FILES:

To assist you in reviewing this electronic document, "bookmarks" have been provided for easier navigation between sections. When available, bookmarks are located in the panel to the left. Clicking on the bookmarks 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: Notice of Preparation and Notice of Preparation Comments

Appendix B1: Air Quality and Greenhouse Gas Technical Report

Appendix B2: Health Risk Assessment Report

Appendix B3: Supplemental Air Quality and Greenhouse Gas Modeling Technical Memorandum

Appendix A
Notice of Preparation and Notice of Preparation Comments

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KERN COUNTY
Planning & Natural Resources

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Bakersfield, CA 93301-2323
Phone: (661) 862-8600
TTY Relay 1-800-735-2929
Email: planning@kerncounty.com
Web Address: https://kernplanning.com

DATE: December 22, 2025

TO: See Attached Mailing List

FROM: Kern County Planning and Natural Resources Department
Attn: Keith Alvidrez, Planner III
2700 "M" Street, Suite 100
Bakersfield, CA 93301
(661) 862-5015; AlvidrezK@kerncounty.com

SUBJECT: Notice of Preparation (NOP) of a Draft Environmental Impact Report (EIR) for the Euismod Energy Storage Project by Euismod Project LLC and Euismod Project I, LLC. (PP26401)

The Kern County Planning and Natural Resources Department as Lead Agency (per CEQA Guidelines Section 15062) has determined that preparation of an EIR (per CEQA Guidelines 15161) is necessary for the proposed project identified below. Agencies on the attached mailing list may need to use the EIR prepared by the Department when considering their permit or other approvals for the proposed project.

PROJECT TITLE: Euismod Energy Storage Project by Euismod Project LLC and Euismod Project I, LLC. (PLN25-00046); ZCC No. 22, Map 233; CUP No. 18, Map 233; CUP No. 19, Map 233; CUP No. 20, Map 233; CUP No. 21, Map 233; ZV No. 10, Map 233.

DOCUMENT AVAILABILITY: The NOP for the above referenced project is available for public review at the Planning and Natural Resources Department, which is located at the address listed above or it can be accessed on the Kern County Planning and Natural Resources Department website at: **https://kernplanning.com/planning/notices-of-preparation**

AGENCY/PUBLIC COMMENT: The Planning and Natural Resources Department solicits the comments of agencies, interested parties, and surrounding property owners as to the scope and content of the environmental information for the proposed project and the upcoming EIR. Any comments should be submitted to the project planner whose contact information is identified above prior to the close of the NOP public review period. As mandated by State law, the NOP public review period for the proposed project is 30 days.

December 22, 2025 – January 21, 2026

SCOPING MEETING: A scoping meeting is scheduled for **Wednesday, January 14, 2026 at 1:30 p.m.** at the Kern County Planning and Natural Resources Department, which is located at the address listed above for an overview of the CEQA process as well as the proposed project, and to receive comments for the preparation of the EIR.

PROJECT LOCATION: The proposed project site is at the northern edge of the Antelope Valley, approximately 8 miles west of the unincorporated area of Rosamond, approximately 15 miles west of State Route 14, and 6 miles north of State Route 138. It is located on the northwest side of 170th Street West and Rosamond Boulevard intersection.

PROJECT DESCRIPTION: The proposed Euismod Energy Storage Project is a battery energy storage system (BESS) facility with associated infrastructure, which will use lithium-ion batteries and ancillary equipment to store approximately 1,150 megawatts (MW) or 9,200 megawatt-hours (MWh) of electricity from the regional grid, to be supplied back as needed, on an approximate 120-acre proposed project site in the unincorporated area of southeastern Kern County, California.

The proposed project includes the following land-use entitlements:

(a) Zone Change Case (ZCC No. 20, Map 233) to change zoning from E (2 ½) RS (Estate, 2.5 acres, Residential Suburban Combining), E (5) RS (Estate 5 acres, Residential Suburban Combining), E (10) RS (Estate 10 acres, Residential Suburban Combining), and E (20) RS (Estate 20 acres, Residential Suburban Combining) to A (Exclusive Agriculture) on approximately 115.29 acres.

(b) Conditional Use Permit (CUP No. 18, Map 233) to allow for the construction and operation of a BESS facility with the associated infrastructure on approximately 40. acres in the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance.

(c) Conditional Use Permit (CUP No. 19, Map 233) to allow for the construction and operation of a BESS facility with the associated infrastructure on approximately 80 acres in the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance.

(d) Conditional Use Permit (CUP No. 20, Map 233) to allow for a microwave communications tower on approximately 0.23 acre in the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.F of the Kern County Zoning Ordinance.

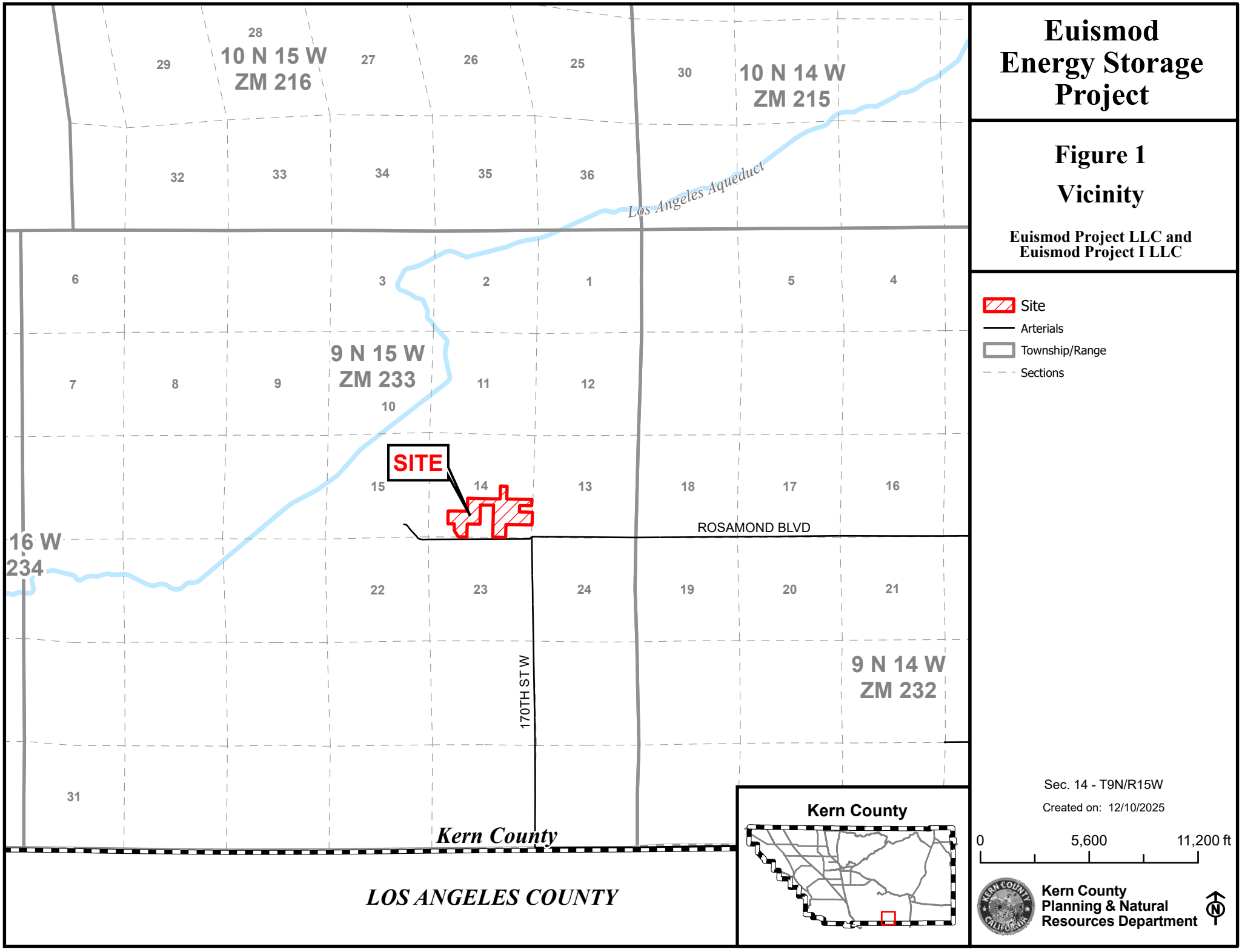
(e) Conditional Use Permit (CUP No. 21, Map 233) to allow for a microwave communications tower on approximately 0.21 acres in the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.F of the Kern County Zoning Ordinance.

(f) Zone Variance (ZV) (ZV No. 10, Map 233) to authorize multiple parcels of substandard size where a minimum of 20 acres is required for a change in base zoning from E (2 1/2) RS (Estate 2.5 acres, Residential Suburban Combining), E (5) RS (Estate 5 acres, Residential Suburban Combining), E (10) RS (Estate 10 acres, Residential Suburban Combining), and E (20) RS (Estate 20 acres, Residential Suburban Combining) to the A (Exclusive Agriculture) Zone District on approximately 75.10 acres.

(g) Nonsummary Vacations to eliminate public access easements within Section 14, Township 9 North, Range 15 West of the San Bernardino Base & Meridian (SBBM) in Zone Map 233.

Signature: Keith Alvidrez Date: 12/22/25

Printed Name: Keith Alvdrez Title: Planner III


Euismod Energy Storage Project
Figure 1
Vicinity
Euismod Project LLC and Euismod Project I LLC
Site
Arterials
Township/Range
Sections
SITE
ROSAMOND BLVD
170TH ST W
Los Angeles Aqueduct
10 N 15 W ZM 216
10 N 14 W ZM 215
9 N 15 W ZM 233
9 N 14 W ZM 232
16 W 234
Kern County
LOS ANGELES COUNTY
Kern County
Sec. 14 - T9N/R15W
Created on: 12/10/2025
0
5,600
11,200 ft
Kern County Planning & Natural Resources Department

Euismod Energy Storage Project
Surrounding Property Owners

261 131 13 00 6
BACANI JAN & SOFIA FAMILY TRUST
6759 VINALHAVEN CT
CYPRESS CA 90630

261 104 19 00 6
BENNINGER BERNARD & ELDINA TR
1350 SUEY RD APT 265
SANTA MARIA CA 93454

261 103 13 00 1
BLAUSTEIN MARK REV TRUST
6282 S SONIC DR
ST GEORGE UT 84790

261 104 14 00 1
BLUE PACIFIC HOLDING INC
P O BOX 803022
SANTA CLARITA CA 91380

261 103 28 00 5
BOONE RICHARD E & ELEANOR H
528 IVEY VINE DR
MARYVILLE TN 37801

261 103 21 00 4
BORNILLA JOSE C M & ROXANNE F
PO BOX 56867
SHERMAN OAKS CA 91413-1867

261 103 27 02 0
BOYLE BRITNEY N
1400 E THOMPSON BL
VENTURA CA 93001

261 103 16 00 0
BROWN DEREK
580 18TH ST
HERMOSA BEACH CA 90254

261 103 15 00 7
BROWN FAMILY TR
1910 KAPALUA DR
OXNARD CA 93036-7746

261 103 25 00 6
BURNETTE FRANKLIN W III
41380 WHITTIER AV
HEMET CA 92544

261 104 17 00 0
BURNHAM DAVID J & JOHN P
5572 ANNANDALE PL
EASTVALE CA 92880

261 113 13 00 4
CARDENAS NANCY
509 S LINCOLN PL
MONROVIA CA 91016-2551

261 111 49 00 5
CASKEY ADAM R & PAMELA JO
PO BOX 56867
SHERMAN OAKS CA 91413

261 113 20 00 4
CLIPPARD JOSEPH SCOTT
505 CAROLINA AV
MAIDEN NC 28650

261 104 08 00 4
COPE TRUST
21 MOLLISON DR
SIMI VALLEY CA 93065-5382

261 103 26 00 9
DAUGHERTY FAMILY 2003 TRUST
26372 PACATO DR
MISSION VIEJO CA 92691

261 104 07 00 1
DOBENS R SP TR
5622 ANDRUS AV
TORRANCE CA 90503-1813

261 103 11 00 5
DORADO HOLDINGS LLC
2021 LAS POSITAS CT STE 155
LIVERMORE CA 94551-7305

261 103 20 00 1
DREW CAROLYN WINIFRED
75 SUMMER ST
VINEYARD HAVEN MA 02568-6365

261 104 12 00 5
EDF POWER SOLUTIONS
DEVELOPMENT INC
15445 INNOVATION DR
SAN DIEGO CA 92128

261 340 03 00 1
ENXCO DEV CORP
15445 INNOVATION DR
SAN DIEGO CA 92128-3432

261 104 06 00 8
EQUITY TRUST CO CSTDIAN FBO
MAYNARD NICHOLAS
P O BOX 56867
SHERMAN OAKS CA 91413-6867

261 131 12 00 3
EYHERABIDE LAND CO LLC
5284 KENT DR
BAKERSFIELD CA 93306-3908

261 113 15 00 0
FERREL GERARDO & MENDOZA G
1998 BUENA VISTA ST
DUARTE CA 91010

261 103 34 00 2
FONTELAR FERNANDO G & WILLA B
468 LAUSANNE AV
DALY CITY CA 94014

261 103 30 00 0
ALLISON NANCY C
2750 W ACACIA AV SP J02
HEMET CA 92545

261 113 19 00 2
GEM A CAES LLC
1125 17TH ST STE 700
DENVER CO 80202

261 102 14 00 7
GLORIA LAND HOLDINGS LLC
3227 PARK HILLS DR
AUSTIN TX 78746

261 103 37 00 1
GREENDALE CORP
1506 WHEATLEY PL
SAN JOSE CA 95121

261 113 21 00 7
HERNANDEZ JUAN C & CONTRERAS MARIA M L
8512 WILLOW AV
CALIFORNIA CITY CA 93505

261 104 03 00 9
IKARD EDDIE & PATSY IKARD TR
41862 ROAD 128
OROSI CA 93647

261 101 09 00 6
JENNINGS MARY ELLEN
2536 FRENCH ST
SANTA ANA CA 92706

261 103 22 00 7
KASRAVI MEHRSHID ZAHRA L
5920 S PACIFIC COAST HW APT 29
REDONDO BEACH CA 90277-6170

261 103 01 00 6
KIM HYUN HEE LIV TR
301 STREAMWOOD
IRVINE CA 92620-1967

261 103 09 00 0
KOPPAKA PRASAD
7633 BUCKEYE CT
DUBLIN CA 94568

261 113 03 00 5
LAGO GIOVANNY
7741 SW 122ND AV
MIAMI FL 33183

261 101 13 00 7
LIAO CHENG J & MEI F
127 CHANTILLY
IRVINE CA 92620

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MAC VEAN DEAN A & SUZANNE E
652 COUNTY HWY # 102
GLOVERSVILLE NY 12078

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ROSAMOND CA 93560

261 111 42 00 4
MARSHALL JOHN D
3410 W 170TH ST
ROSAMOND CA 93560-0100

261 104 20 00 8
METHOT PAUL DAVID
1136 W ORANGETHORPE
FULLERTON CA 92833

261 113 02 00 2
MILIRAS FAMILY TRUST
155 N HAMILTON DR # 202
BEVERLY HILLS CA 90211-2290

261 103 39 00 7
MOJAVE GREEN PARTNERSHIP
41862 ROAD 128
OROSI CA 93647

261 113 25 00 9
MUNOZ ERWIN S
2418 MONICA LN
SANTA ANA CA 92706-1224

261 113 14 00 7
ORTIZ ANTHONY JOSE
4623 FRAJIO AV
IRWINDALE CA 91706

261 131 02 00 4
OZGA JOSEPH T & BRONIA
27955 GALLINA
MISSION VIEJO CA 92692-2618

261 113 17 00 6
PAONESSA PAMELA REVOCABLE TRUST
167 ELM CT
BURBANK CA 91502

261 104 15 00 4
PEREZ ADRIAN & BLANCA L
43812 W 58TH ST
LANCASTER CA 93536

261 103 19 00 9
PHAN HUAN
113 NE 137TH ST
BRADENTON FL 34212

261 113 01 00 9
PW REAL EST VENTURES LLC
450 ANTHONY TL
NORTHBROOK IL 60062

261 104 05 00 5
RAMIREZ MANN TR
1160 WINDWARD WY
OXNARD CA 93035

261 103 08 00 7
REECE MILLARD & MARGUERITE TR
417 COUNTY ROAD 261
BLACKWELL TX 79506-1405

261 340 05 00 7
RUSTAM FAMILY LLC
P O BOX 4198
WESTLAKE VILLGE CA 91359

261 104 10 00 9
SELAK STEVEN J TR
1200 LIDA ST
PASADENA CA 91103-2335

261 103 17 00 3
SIVAGNANAM RISHE
2052 JANET DR
LANCASTER CA 93536

261 103 29 00 8
SMITH FAMILY TRUST
3607 BALBOA BL
NEWPORT BEACH CA 92663

261 131 04 00 0
SOU CAL EDISON CO
14799 CHESTNUT ST
WESTMINSTER CA 92683-5240

261 131 08 00 2
SOU CAL EDISON CO
2131 WALNUT GROVE AV FLR 2
ROSEMEAD CA 91770

261 132 14 00 6
SOU CAL EDISON CO
2244 WALNUT GROVE AV
ROSEMEAD CA 91770

261 132 18 00 8
SOU CAL EDISON CO
2131 WALNUT GROVE AV
ROSEMEAD CA 91770

261 103 18 00 6
SOUTHERN CALIF EDISON CO
2244 WALNUT GROVE AV
ROSEMEAD CA 91770-3714

261 113 09 00 3
STEPHENSON KEITH
222 ROYAL CREST CT
ESCONDIDO CA 92025-7051

261 113 10 00 5
STEPHENSON KEITH
13334 MAHOGANY CV
SAN DIEGO CA 92131

261 104 16 00 7
STILES FRANCES K
47 RED BARN CI
PITTSFORD NY 14534-3720

261 131 01 00 1
STRANGE CAROLYN A
2433 CERES AV
CHICO CA 95926

261 102 04 00 8
THOMPSON FORD W JR LIVING TRUST
27162 TOSSAMAR
MISSION VIEJO CA 92692

261 103 12 00 8
TORRES RAYMOND & LYNN LIV TR
1818 SAINT CHARLES ST
ALAMEDA CA 94501-1119

261 113 05 00 1
TREJO WILLIAM G
10960 MARKLEIN AV
MISSION HILLS CA 91345

261 104 21 00 1
TRUC MAI N
13149 SAN ANTONIO AV
CHINO CA 91710

261 113 18 00 9
URENA VIRGINIA FEDELIN R
1420 E 75TH ST
LOS ANGELES CA 90001-3046

261 260 20 00 7
WILLOW SPRINGS INVESTMENTS
701 N PARKCENTER DR
SANTA ANA CA 92705

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Agency & Interested Parties

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Arvin, CA 93203

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Bakersfield, CA 93301

Bakersfield City Public Works Dept
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Bakersfield, CA 93301

California City Planning Dept
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California City, CA 93515

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

City of Maricopa
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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
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115 South Robinson Street
Tehachapi, CA 93561-1722

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Wasco, CA 93280

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Independence, CA 93526

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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
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Santa Barbara, CA 93101

U.S. Bureau of Land Management
Ridgecrest Field Office
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Ridgecrest, CA 93555

U.S. Fish & Wildlife Service
777 East Tahquitz Canyon Way, Suite 208
Palm Springs, CA 92262

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

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

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

California Highway Patrol
Planning & Analysis Division
P.O. Box 942898
Sacramento, CA 94298-0001

Public Utilities Comm Energy Div
505 Van Ness Avenue
San Francisco, CA 94102

Cal Environmental Protection Agency/
Dept of Toxic Substances Control, Reg 1
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8800 Cal Center Drive, 2nd Floor
Sacramento, CA 95826

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Visalia, CA 93291

China Lake Naval Weapons Center
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Mail Stop 4001
China Lake, CA 93555

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Lancaster, CA 93536

State Air Resources Board
Stationary Resource Division
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Sacramento, CA 95812

Caltrans District 9
Planning Department
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Bishop, CA 93514

California Energy Commission
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Sacramento, CA 95812-4025

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Control Board/Lahontan Region
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Victorville, CA 92392

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Bakersfield, CA 93313

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Building & Development
Floodplain

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Ventura, CA 93009-1740

Edwards Air Force Base
Mission Sustainability Liaison
412 TW, Bldg. 2750, Ste 117-14
195 East Popson Avenue
Edwards AFB, CA 93524

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

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

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

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

State Water Resources Control Board
Division of Drinking Water
Attn: Jesse Dhaliwal, Sr. Sanitary Eng
4925 Commerce Drive, Suite 120
Bakersfield, CA 93309

State Dept of Toxic Substance Control
Environmental Protection Agency
1515 Tollhouse Road
Clovis, CA 93612

State Dept of Water Resources
Div. Land & Right-of-Way
P.O. Box 942836
Sacramento, CA 94236

Kern County Public Works Department
Building & Development/Survey

Kern County
Env Health Services Department

Kern County Fire Dept
Aaron Duncan

Kern County Library/Beale
Local History Room

Kern County Library/Beale
Andie Sullivan

Kern County Library
Wanda Kirk/Rosamond Branch
3611 Rosamond Boulevard
Rosamond, CA 93560

Kern County Museum
3801 Chester Avenue
Bakersfield, CA 93301

Kern County Parks & Recreation

Kern County Sheriff's Dept
Administration

Kern County Public Works Department
Building & Development
Development Review

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

Rosamond Municipal Advisory Council
414 W. Tehachapi Blvd. Suite H
Tehachapi, CA 93561

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

Southern Kern Unified School Dist.
P.O. Box CC
Rosamond, CA 93560

Kern County Superintendent of Schools
Attention School District Facility Services
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Bakersfield, CA 93301

KernCOG
1401 19th Street - Suite 300
Bakersfield, CA 93301

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

East Kern Air Pollution Control District

Antelope Valley-East Kern Water Agency
6500 West Avenue N
Palmdale, CA 93551

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601 Gateway Boulevard, Suite 1000
South San Francisco, CA 94080

U.S. Air Force
Attn: David Bell/AFCEC CZPW
Western Regional/Leg Branch
510 Hickam Avenue, Bld. 250-A
Travis AFD, CA 94535-2729

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

U.S. Army
Attn: Tim Kilgannon, Reg 9 Coord
Office of Strategic Integration
721 - 19th Street, Room 427
Denver, CO 80202

U.S. Navy
Attn: Steve Chung
1220 Pacific Highway
San Diego, CA 92132-5190

U.S. Marine Corps Command Gen.
MCIWEST-MCB CamPen
Attn: A/CS, G7
Box 555010, Bldg 1160, Rm 280
Camp Pendleton, CA 92055-5246

Kern Audubon Society
Attn: Frank Bedard, Chairman
7612 Angela Ave
Bakersfield CA 93308

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

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

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

Defenders of Wildlife
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Folsom, CA 95763

Native American Heritage Council
Attn: Gene Albitre
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Woody, CA 93287

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Pacific Crest Trail Program Manager
1323 Club Drive
Vallejo, CA 94592

Anitra Kass
Pacific Crest Trail Association
41860 Saint Annes Bay Drive
Bermuda Dunes, CA 92203

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

Southern California Edison
Planning Dept.
25625 West Rye Canyon
Valencia, CA 91355

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Bakersfield, CA 93301-2441

David Laughing Horse Robinson
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Bakersfield, CA 93390

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Attn: Robert Robinson, Chairperson
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Weldon, CA 93283

Kern Valley Indian Council
Historic Preservation Office
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Weldon, CA 93283

Santa Rosa Rancheria
Ruben Barrios, Chairperson
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Lemoore, CA 93245

Tejon Indian Tribe
Attn: Curtis Alcantar
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Bakersfield CA 93307

Kitanemuk & Yowlumne Tejon Indians
Chairperson
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Bakersfield, CA 93305

Tubatulabals of Kern County
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P.O. Box 833
Weldon, CA 93283

Tule River Indian Tribe
Neal Peyron, Chairperson
P.O. Box 589
Porterville, CA 93258

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Randy Hoyle
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San Diego, CA 92130-3025

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Holding Company
Rupal Patel
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Los Angeles, CA 90036

Antelope Valley-East Kern
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Mojave, CA 93501

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Iberdrola Renewables, Sr Proj Mgr
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Recurrent Energy
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Kelly Group
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Carol Lawhon
Association Executive, IOM
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803 Tucker Road
Tehachapi, CA 93561

Matthew Gorman
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Euismod Energy Storage Project
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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: Euismod Energy Storage Project by Euismod Project LLC and Euismod Project I, LLC.

Lead Agency: Kern County Planning and Natural Resources Department | Contact Person: Keith Alvidrez, Planner III

Mailing Address: 2700 M Street, Suite 100 | Phone: 661-862-5015

City: Bakersfield | Zip: 93301 | County: Kern County

Project Location: County: Kern | City/Nearest Community: Rosamond

Cross Streets: 170th Street West and Rosamond Boulevard | Zip Code: 93560

Longitude/Latitude (degrees, minutes and seconds): 35 ° 52 ′ 3.46720 ″ N / 118 ° 26 ′ 20.28729 ″ W | Total Acres: 120

Assessor's Parcel No.: Multi | Section: 14 | Twp.: 9N | Range: 15W | Base: SBBM

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

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

Document Type:

CEQA: ☒ NOP ☐ Draft EIR | NEPA: ☐ NOI | Other: ☐ Joint Document
☐ Early Cons ☐ Supplement/Subsequent EIR | ☐ EA | ☐ Final Document
☐ Neg Dec (Prior SCH No.) _____ | ☐ Draft EIS | ☐ Other: _____
☐ Mit Neg Dec Other: _____ | ☐ FONSI

Local Action Type:

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

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 _____ MW _____
☐ Waste Treatment: Type _____ MGD _____
☐ Hazardous Waste: Type _____
☒ Other: Battery Energy Storage Systems (BESS) - 9,200 MWh / 1,150 MW

Project Issues Discussed in Document:

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

Present Land Use/Zoning/General Plan Designation:

Undeveloped Vacant Land / Various Zoning / Various General Plan Designations

Project Description: *(please use a separate page if necessary)*

The proposed Euismod Energy Storage Project is a battery energy storage system (BESS) facility with associated infrastructure, which will use lithium-ion batteries and ancillary equipment to store approximately 1,150 megawatts (MW) or 9,200 megawatt-hours (MWh) of electricity from the regional grid, to be supplied back as needed, on an approximate 120-acre proposed project site in the unincorporated area of southeastern Kern County, California. The proposed project includes land-use entitlement request for a Zone Change Case (ZCC), Conditional Use Permits (CUPs), Zone Variance (ZV), and Nonsummary Street Vacations (NSVs) from the Kern County Planning & Natural Resources Department.

Note: The State Clearinghouse will assign identification numbers for all new projects. If a SCH number already exists for a project (e.g. Notice of Preparation or previous draft document) please fill in.

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**".

X	Air Resources Board		Office of Historic Preservation
	Boating & Waterways, Department of		Office of Public School Construction
	California Emergency Management Agency		Parks & Recreation, Department of
X	California Highway Patrol		Pesticide Regulation, Department of
X	Caltrans District # 9	X	Public Utilities Commission
	Caltrans Division of Aeronautics	X	Regional WQCB # Central
X	Caltrans Planning		Resources Agency
	Central Valley Flood Protection Board		Resources Recycling and Recovery, Department of
	Coachella Valley Mtns. Conservancy		S.F. Bay Conservation & Development Comm.
	Coastal Commission		San Gabriel & Lower L.A. Rivers & Mtns. Conservancy
	Colorado River Board		San Joaquin River Conservancy
X	Conservation, Department of		Santa Monica Mtns. Conservancy
	Corrections, Department of		State Lands Commission
	Delta Protection Commission		SWRCB: Clean Water Grants
	Education, Department of	X	SWRCB: Water Quality
X	Energy Commission		SWRCB: Water Rights
X	Fish & Game Region # Fresno		Tahoe Regional Planning Agency
	Food & Agriculture, Department of	X	Toxic Substances Control, Department of
	Forestry and Fire Protection, Department of	X	Water Resources, Department of
	General Services, Department of		
	Health Services, Department of		Other:
	Housing & Community Development		Other:
X	Native American Heritage Commission		

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

Starting Date December 22, 2025 Ending Date January 21, 2026

Lead Agency (Complete if applicable):

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

Signature of Lead Agency Representative: Keith Alvidrez **Date:** 12/22/2025

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

NOTICE OF PREPARATION

Euismod Energy Storage Project
by Euismod Project LLC and Euismod Project I LLC

ZCC No. 22, Map 233
CUP No. 18, Map 233
CUP No. 19, Map 233
CUP No. 20, Map 233
CUP No. 21, Map 233
ZV No. 10, Map 233

PLN25-00046

LEAD AGENCY:

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

Contact: Keith Alvidrez, Planner III
(661) 862-5015
AlvidrezK@kerncounty.com

December 2025

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INTRODUCTION

Pursuant to the California Environmental Quality Act (CEQA), the Kern County Planning and Natural Resources Department (County) will initiate the preparation of an Environmental Impact Report (EIR) for the Euismod Energy Storage Project (project) proposed by Euismod Project LLC and Euismod Project I LLC (project proponents) in the unincorporated area of southeastern Kern County, California.

1. Project Description

1.1 Project Proposal

The project proponents propose to develop and operate a 1,150 megawatts (MW) or 9,200 megawatt-hours (MWh) battery energy storage system (BESS) facility with associated infrastructure on an approximate 120-acre proposed project site in the unincorporated area of southeastern Kern County, California, as shown in ***Figure 1 - Vicinity***. The BESS facility will use lithium-ion batteries and ancillary equipment to store electricity from the regional grid, to be supplied back as needed. The BESS facility and infrastructure for the proposed project would be arranged in the following three designated areas: North BESS area, South BESS area, and West BESS area, as shown in ***Figure 2 – Aerial***. The associated infrastructure would include battery energy storage arrays, collector substations, Supervisory Control and Data Acquisition (SCADA) Systems, microwave communications towers, operations & maintenance support buildings, climate-controlled permanent storage containers, onsite power infrastructure, roads and improved surfaces, two 230-kV overhead transmission lines to the Southern California Edison (SCE) Whirlwind Substation located on the adjacent parcels to the south of the proposed project site, and a temporary laydown yard. The SCE will be responsible for upgrading both the Whirlwind Substation (within SCE's property) as well as the necessary improvements to the gen-tie transmission line connecting the substation to the proposed project site in order to accommodate the interconnection. The above-mentioned infrastructure are considered project components and are described in further detail below in ***Section 1.4 – Proposed Project Facilities***.

At the end of the proposed project's anticipated operational life of up to 35 years, the project proponents would determine at that time whether the proposed project should be decommissioned and deconstructed or if it would seek an extension of its operation and the appropriate permitting pathways. If any portion of the proposed project site is decommissioned, all BESS structures would be removed to facilitate conversion of the proposed project site to other uses in accordance with the applicable land use regulations in effect at that time.

The proposed project includes the following land-use entitlements from the County:

(a) Zone Change Case (ZCC No. 20, Map 233) to change zoning from E (2 ½) RS (Estate, 2.5 acres, Residential Suburban Combining), E (5) RS (Estate 5 acres, Residential Suburban Combining), E (10) RS (Estate 10 acres, Residential Suburban Combining), and E (20) RS (Estate 20 acres, Residential Suburban Combining) to A (Exclusive Agriculture) on approximately 115.29 acres.

(b) Conditional Use Permit (CUP No. 18, Map 233) to allow for the construction and operation of a BESS facility with the associated infrastructure on approximately 40. acres in the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance.

(c) Conditional Use Permit (CUP No. 19, Map 233) to allow for the construction and operation of a BESS facility with the associated infrastructure on approximately 80 acres in the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance.

(d) Conditional Use Permit (CUP No. 20, Map 233) to allow for a microwave communications tower on approximately 0.23 acre in the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.F of the Kern County Zoning Ordinance.

(e) Conditional Use Permit (CUP No. 21, Map 233) to allow for a microwave communications tower on approximately 0.21 acres in the A (Exclusive Agriculture) Zone District pursuant to Section 19.12.030.F of the Kern County Zoning Ordinance.

(f) Zone Variance (ZV) (ZV No. 10, Map 233) to authorize multiple parcels of substandard size where a minimum of 20 acres is required for a change in base zoning from E (2 1/2) RS (Estate 2.5 acres, Residential Suburban Combining), E (5) RS (Estate 5 acres, Residential Suburban Combining), E (10) RS (Estate 10 acres, Residential Suburban Combining), and E (20) RS (Estate 20 acres, Residential Suburban Combining) to the A (Exclusive Agriculture) Zone District on approximately 75.10 acres.

(g) Nonsummary Vacations to eliminate public access easements within Section 14, Township 9 North, Range 15 West of the San Bernardino Base & Meridian (SBBM) in Zone Map 233.

As listed above, the County is processing two separate Conditional Use Permits (CUPs) for the construction and operation of the BESS facility due to the proposed project having two project proponents. The Euismod Project LLC will be the project proponent under CUP No. 18, Map 233, which is also depicted as the designated South BESS area. The Euismod Project I LLC is the project proponent under CUP No. 19, Map 233, which is also depicted as both the designated North and West BESS areas.

1.2 Project Location

The proposed project site is at the northern edge of the Antelope Valley, approximately 8 miles west of the unincorporated area of Rosamond, approximately 15 miles west of State Route 14, and 6 miles north of State Route 138. It consist of a total of 10 parcels equaling approximately 120 acres, with 1 parcel in the designated South BESS area, 4 parcels in the designated North BESS area, and 5 parcels in the designated West BESS area, as shown in ***Figure 3 – Assessor's Parcelization***. The proposed project site is within the U.S. Geological Survey Fairmont Butte quadrangle, and in Section 14 of Township 9 North; Range 15 West of the SBBM. The boundary of the proposed project site is defined by the CUP boundaries, as shown in ***Figure 4 – Proposed Project CUP Boundaries***.

The proposed project site is located on the northwest side of 170th Street West and Rosamond Boulevard intersection. Primary access to the proposed project site would be granted from 170th Street West, as shown in ***Figure 2 – Aerial***.

1.3 Environmental Setting

The proposed project site is mostly undeveloped except for high voltage transmission infrastructure, communications infrastructure, and unpaved roads and trails within the desert region of southeastern Kern County, California. The adjacent parcels are also undeveloped except for electrical and communications

infrastructure, including the Whirlwind Substation located directly to the south. The undeveloped areas on the proposed project site and surrounding lands consist primarily of creosote bush scrub. The proposed site is in an area of sparse rural residences. Developments in the vicinity are primarily solar and wind energy facilities, other utility infrastructure, and agriculture. The closest sensitive receptors are residences are located approximately 0.1 mile or more northwest of the proposed project site, which is east of 170th Street West.

The proposed project site has relatively flat and featureless terrain with elevations ranging from 2,764 to 2,827 feet above mean sea level. Soils at the proposed project site are mapped as alluvium, and a geotechnical investigation encountered loose to medium dense sand and silt with minor fine gravel extending to the maximum depth explored (41.5'). The nearest active fault is the Garlock Fault at approximately 9.1 miles to the northwest at its closest; the San Andreas Fault Zone is located approximately 11.3 miles to the southwest of the proposed project site.

As shown in ***Figure 5 – Floodplain***, the easternmost part of the proposed project site is designated as Flood Zone "A", which is a Federal Emergency Management Agency (FEMA) designated flood zone indicating that the area could flood during a 100-year flood event. The proposed project is designed for the BESS facility to be exclusively outside of this flood zone to the west, and in Flood Zone "X", which indicates areas of minimal flood hazard. There are no jurisdictional wetlands on the proposed project site but there are ephemeral stream channels that are subject to the jurisdiction of the RWQCB and California Department of Fish and Wildlife (CDFW).

The proposed project site is not designated by California Department of Conservation as Prime Farmland, Farmland of Statewide Importance, or Unique Farmland. However, the proposed project site is within the boundaries of Agriculture Preserve Number 24, as shown in ***Figure 6 – Agricultural Preserve***. The proposed project site is not subjected to a Williamson Act Land Use Contract.

Additionally, the proposed project site is not within a mineral recovery area or within a designated mineral and petroleum resource site designated by the Kern County General Plan, nor is it identified as a mineral resource zone by the Department of Conservation's State Mining and Geology Board. The proposed project site is not located within the County's NR (Natural Resources) or PE (Petroleum Extraction) Zone Districts. Based on a review of records maintained by the California Department of Conservation/California Department of Conservation Geologic Energy Management Division, there are no oil wells identified onsite.

The proposed project would be served by the Kern County Sheriff's Office (KCSO) for law enforcement and public safety, Kern County Fire Department (KCFD) for fire protection, and Kern County Medical Emergency Service for emergency medical and rescue services. The nearest KCSO substation and KCFD fire station (Station No. 15) that would serve the proposed project are both located in the community of Rosamond. The nearest hospital is Adventist Health Tehachapi Valley at 1100 Magellan Drive in the City of Tehachapi, which is approximately 19.5 miles to north of the proposed project site. The schools near the proposed project site are located in the unincorporated community of Rosamond with the closest being Tropico Middle located approximately 12 miles east of the proposed project site.

No portion of the proposed project is located within an area governed by the Kern County Airport Land Use Compatibility Plan (ALUCP). The closest airport is a private landing strip located more than 12 miles east of the proposed project site.

The proposed project site is subject to both the provisions of the Willow Springs Specific Plan and the Kern County Zoning Ordinance, as shown in ***Table 1. Assessor Parcel Number, Existing Specific Plan Designations, Existing Zoning Classifications, Proposed Zoning Classifications, Zone Variance Required, and Acreages***, ***Figure 7 – Existing Specific Plan Designations***, ***Figure 8 – Existing Zoning Classifications, Figure 9 – Proposed Zoning Classifications***.

Table 1. Assessor Parcel Number, Existing Specific Plan Designations, Existing Zoning Classifications, Proposed Zoning Classifications, Zone Variance Required, and Acreages.

APN	Existing Specific Plan Designations	Existing Zoning Classifications	Proposed Zoning Classifications	Zone Variance Required	Acreages
CUP No. 18, Map 233 (South Area – Solar)					
261-104-10*	5.6	E (2 ½) RS E (2 ½) RS FPS	A A FPS	No	40.19
				Total Acreages for CUP No. 18 Boundary:	40.19
CUP No. 19, Map 233 (North & West Area – Solar)					
261-103-17	5.7	E (5) RS	A	Yes	19.51
261-103-20*	5.7	E (5) RS	A	Yes	10.14
261-103-21	5.75	E (10) RS	A	Yes	10.14
261-103-29	5.7 & 3.3	E (5) RS	A	Yes	5.10
261-104-13	5.75	A WE	A WE	No	5.07
261-104-16	5.75	E (10) RS	A	Yes	15.14
261-104-19	5.8	E (20) RS FPS	A FPS	Yes	5.01
261-104-20	5.8	E (10) RS E (20) RS FPS	A A FPS	Yes	5.02
261-104-21	5.75	E (10) RS	A	Yes	5.03
				Total Acreages for CUP No. 19 Boundary:	80.16
				Total Acreages for Proposed Project:	120.35

Key:
* A parcel that has an individual/separate CUP for a microwave tower

Willow Springs Specific Plan Designations
3.3 (Other Facilities); 5.6 (Residential – Minimum 2.5 Gross Acres); 5.7 (Residential – Minimum 5 Gross Acres); 5.75 (Residential – Minimum 10 Gross Acres); 5.8 (Residential – Minimum 20 Gross Acres).

Kern County Zoning Classifications
A (Exclusive Agriculture); A WE (Exclusive Agriculture, Wind Energy Combining); E (2 ½) RS (Estate 2.5 acres, Residential Suburban Combining); E (2 ½) RS FPS (Estate 2.5 acres, Residential Suburban Combining, Floodplain Secondary Combining); E (5) RS (Estate 5 acres, Residential Suburban Combining); E (10) RS (Estate 10 acres, Residential Suburban Combining); and E (20) RS FPS (Estate 20 acres, Residential Suburban Combining, Floodplain Secondary Combining).

Table 2. Proposed Project Site and Surrounding Land Uses, summarizes the existing land use of the proposed project site and surrounding areas.

Table 1. Proposed Project Site and Surrounding Land Uses

Location	Existing Land Use	Existing General Plan Map Code Designation	Existing Zoning Classification
Proposed Project Site	Undeveloped/Vacant Land; Transmission and Communications Infrastructure	3.3, 5.6, 5.7, 5.75, and 5.8	E (2 ½) RS, E (2 ½) RS FPS, E (5) RS, E (10) RS, E (20) RS FPS and A WE
North	Undeveloped/Vacant Land; Transmission and Communications Infrastructure; Wind Turbines	5.75 and 5.8	E (10) RS, E (20) RS FPS, A WE and A WE FPS
East	Undeveloped/Vacant Land; Sparce Rural Residences	5.5, 5.6 and 5.8	E (20) RS FPS and E (2 ½) RS FPS
South	Whirlwind Substation; Transmission and Communications Infrastructure; Undeveloped/Vacant Land; Solar Energy Developments; Agriculture	3.3, 5.6, 5.7 and 6.2	E (2 ½) RS and E (2 ½) RS FPS
West	Undeveloped/Vacant Land; Transmission Infrastructure; Proposed Keyhole Wind Project	3.3, 5.7 and 8.5	E (5) RS, E (10) RS, A and A GH

Kern County General Plan Map Code Designation:
3.3 (Other Facilities)
5.5 (Maximum 1 Unit/Net Acre)
5.6 (Minimum 2.5 Gross Acres/Unit)
5.7 (Minimum 5 Gross Acres/Unit)
5.75 (Minimum 10 Gross Acres/Unit)
5.8 (Minimum 20 Gross Acres/Unit)
6.2 (General Commercial)

Kern County Zoning District:
A WE (Exclusive Agriculture, Wind Combining District)
A WE FPS (Exclusive Agriculture, Wind Combining District, Floodplain Secondary Combining District)
A GE (Exclusive Agriculture, Geologic Hazard Combining District)
E(2½) RS (Estate 2.5 Acres, Residential Combining District)
E(2½) RS FPS (Estate 2.5 Acres, Residential Combining District, Floodplain Secondary Combining District)
E(5) RS (Estate 5 Acres, Residential Combining District)
E(10) RS (Estate 10 Acres, Residential Combining District)
E(20) RS FPS (Estate 20 Acres, Residential Combining District, Floodplain Secondary Combining District)

1.4 Proposed Project Facilities

The proposed project facilities would include the following components, which are described in greater detail below and shown on ***Figure 10 – Proposed Site Plan***:

- BESS Areas;
- Battery Energy Storage Arrays;
- Collector Substations;
- Supervisory Control and Data Acquisition Systems (SCADA);
- Microwave Communication Towers;
- O&M Buildings;
- Storage Containers;
- Site Power Infrastructure
- Water Infrastructure
- Site Control and Security Infrastructure;
- Roads and Improved Surfaces;
- SCE Tie-Line and Substation Improvements; and
- Temporary Laydown Yard.

1.4.1 BESS Areas

As previously identified, the project proponent for the South BESS area under CUP No. 18, Map 233 is Euismod Project LLC. The designated South BESS area would include battery energy storage arrays, a collector substation, SCADA systems, a microwave communication tower, an O&M building, storage containers, site power infrastructure, water infrastructure, site control and security infrastructure, roads and improved surfaces, and a temporary laydown yard on an approximate 40 acre parcel. The storage capacity for the designated South BESS area would be 400 MW for 8 hours (3,200 MWh).

Additionally, the project proponent for both the North and West BESS areas under CUP No. 19, Map 233 is Euismod Project I LLC. The designated North BESS area would include battery energy storage arrays, SCADA systems, an O&M building, storage containers, site power infrastructure, water infrastructure, site control and security infrastructure, and roads and improved surfaces spanning across 4 parcels equaling 300approximately 30.3 acres. The storage capacity for the designated North BESS area would be 300 MW for 8 hours (2,400 MWh). The designated West BESS area would include battery energy storage arrays, a collector substation, SCADA systems, a microwave communication tower, an O&M building, storage containers, site power infrastructure, water infrastructure, site control and security infrastructure, and roads and improved surfaces spanning across 5 parcels equaling approximately 49.96 acres. The storage capacity for the designated West BESS area would be 450 MW for 8 hours (3,600 MWh).

All designated BESS areas would be designed in accordance with all applicable codes and regulatory standards.

1.4.2 Battery Energy Storage Arrays

As shown in ***Figure 10 – Site Plan***, the proposed project site would be occupied mostly by areas (arrays) of outdoor enclosures housing batteries and other electrical equipment, with paved driveways/fire lanes throughout the arrays. Enclosures would be purpose-built and free-standing approximately twelve feet or less in height. In addition to battery enclosures, bi-directional medium voltage (MV) transformers, also in purpose-built enclosures, and voltage converters will be arranged throughout the battery arrays, and underground cables will connect the MV transformers to the collector substations. Battery enclosures spacing within the array areas would follow National Fire Protection Association (NFPA) Standard 855 requirements, Kern County Fire Department requirements, and manufacturer specifications. Battery enclosures would be set back a minimum of 50 feet from property lines. Example enclosures for batteries and transformers are provided in ***Figure 11 – Electrical Details***.

Equipment manufacturing, construction, and operations would include comprehensive measures to ensure safe equipment installation and operation. Each battery module and battery enclosure are inspected and tested at the manufacturer's facility. Each enclosure would be inspected for damage at the proposed project site prior to installation and testing. Once installed, tested, and in operational mode, each battery module would be continuously monitored for electrical current, voltage, and temperature to optimize performance and mitigate potential failures. Batteries performing out of specification would be immediately taken offline by the automated monitoring system. The system would be designed and constructed to comply with all applicable codes in effect in the County including NFPA Standards, National Electrical Code, and California Fire Code. The proposed project would be constructed to meet all Kern County Fire Department requirements including gate access, onsite road design, fire hydrants, safety equipment, and other fire safety requirements. An 8-foot-high chain link fence with security wire would be provided around the proposed project's perimeter, and would be continuously monitored for security. The design includes an incident command post for staging, assessing, and monitoring in the event of a battery fire onsite. The final location would be subject to approval by the Kern County Fire Department.

NFPA 855 standards are designed specifically to mitigate risks for electric energy storage facilities including BESS. Enclosures would be equipped with fire prevention, detection, and isolation methods and materials. At a minimum, this would include smoke/fire detection sensors; ground fault detection, alarms, and systems for automatic shutdown of cooling fans and opening of electrical contacts in the battery system. Battery enclosures would be located a minimum of 50 feet from the proposed project's site boundaries and would be spaced in accordance with NFPA 855 requirements designed to minimize risk of a fire spreading to adjacent enclosures. NFPA 855 also would require comprehensive safety planning submittals to the local fire authority including results of bench-scale fire and explosion testing by the manufacturer and hazard mitigation analysis for the specific type of battery used, and an Emergency Response Plan designed to ensure well-planned, prompt, safe, and appropriate response in the event of an emergency. The Emergency Response Plan would also comply with California Senate Bill (SB) 38. These submittals would be made to the Fire Department after the specific equipment is selected and prior to issuance of building permits. NFPA 855 additionally mandates initial and annual refresher training for onsite employees, and the proponents would coordinate with the Fire Department to facilitate site-specific Fire Department training.

1.4.3 Collector Substations

The South BESS area and the West BESS area each will have an onsite collector substation with three bi-directional transformers to convert between MV and high voltage for connection to the electric grid. Each collector substation would include 220 and 34.5 kV bus work, circuit breakers, disconnect switches, instrument transformers, metering transformers, three 220/34.5 kV bi-directional transformers, two auxiliary transformers for station service, a control house with relay protection, a supervisory control and data acquisition (SCADA) system, and a telemetry system. Most of the onsite substation structures and equipment would be less than 40 feet high. Higher shield wires may be needed above the substation equipment, and the high voltage side of the substations would have conductors and a shield wire extending to a tubular steel pole structure up to 140 feet high where the point of change in ownership (POCO) is expected to occur. From the POCO pole structure, the tie-lines would pass overhead across the proposed project site boundary directly onto SCE-owned property between the proposed project site and the Whirlwind Substation. The collector substation frameworks and POCO poles would be galvanized or otherwise finished with a low-reflective surface. The POCO pole structure at each of the two collector substations would belong to the respective project proponent and SCE would construct, own, and operate the tie-line extending from the POCO across the proposed project site boundary to the interconnection point at the Whirlwind Substation 220 kV bus.

1.4.4 Supervisory Control and Data Acquisition System (SCADA)

Each of the collector substations would have a SCADA system. The SCADA systems would aggregate all information from the BESS, inverters, transformers, breakers, Fire Alarm Control Panel (FACP), and tie-lines. The SCADA systems would also communicate with the transmission service provider, grid operator and the proposed project's remote Operations Center. The SCADA systems can also control critical site functions, including charge/discharge, breaker status, and total project output.

1.4.5 Microwave Communication Towers

The proposed project would require two microwave communications towers, which would be located adjacent to each of the collector substations. As listed above, the County will be processing separate CUPs for the two microwave communications included in the proposed project. The microwave communications towers are necessary for remote communications with the CAISO, and other outside parties. They would provide the antennae an unobstructed line-of-sight from the proposed project site to microwave sites at other strategic geographic locations, allowing signals to be repeated from the sites for the reliable transmission of high-capacity data signals. It would be equipped with a cable ladder for routing and antenna transmission lines. There would also be a safety-climbing ladder with fall-arrest devices and cables in conformance with State and County requirements, as well as chain-link security fencing around the base of the microwave communication towers to prevent unauthorized pedestrian access. Both microwave communication towers are entirely within the proposed project's perimeter fence line and would be finished with gravel surfacing and a compacted gravel access route needed for potential maintenance needs.

1.4.6 O&M Buildings

The proposed project will include a total of three Operations and Maintenance (O&M) buildings, all being approximately 1,200 square feet in size, located at each of the designated BESS areas (South, North, and

West). The preliminary plan is for each building to include several offices, a conference room for employees, contractors, and vendors, a breakroom, and sanitary facilities.

Preliminary building details are provided in ***Figure 12*** – ***Building Floor Plan***, and ***Figure 13 – Building Elevations***. Parking spaces would be provided adjacent to each of the buildings.

1.4.7 Storage Containers

Up to eight climate-controlled, permanent storage containers would be provided in each BESS Area for spare parts. These facilities are intended to support ongoing operations and maintenance by ensuring secure and accessible storage of critical components.

1.4.8 Site Power Infrastructure

Onsite power for operations would be provided via station service transformers located at the collector substations. The proposed project infrastructure would also include diesel-fired generators to provide backup power for critical functions. Preliminary planning is for two 150 kW diesel fired generators at each of the two collector substations, each equipped with a 500-gallon fuel tank.

1.4.9 Water Infrastructure

Onsite water infrastructure would include water tanks distributed through the proposed project site, including an aboveground 10,000 to 30,000-gallon tank located adjacent to the emergency responder's station near 170th Street West. Dedicated firewater storage will be provided to meet Kern County Fire Department requirements. A water tank with a co-located groundwater well would be located in each of the three BESS areas to supply fire protection water and water supply for the O&M building. Preliminary locations are shown in ***Figure 10 – Site Plan***. Final locations and volumes would be determined based on consultation with the Kern County Fire Department.

1.4.10 Site Control and Security Infrastructure

The proposed project site would be closed to public access with secured gates. Paved driveways will provide access from 170th Street West and signs identifying the BESS facility will be provided at entrance gates. Onsite roads, access gates, and fire hydrants would be designed in accordance with the Kern County Fire Department requirements. Preliminary road, fencing, and gate details are provided in ***Figure 14 – Civil Details***. The North and South BESS areas would be surrounded by a common perimeter fence, and the West BESS area would have its own perimeter fence. A Knox rapid access system would be provided at gates for fire department access. Roads would be designed for two-way circulation of onsite traffic, which would be minimal, consisting of visits by the proposed project's employees, contractors, and vendors providing periodic maintenance and monitoring. Shielded, downward-directed night-lighting would be provided for safety and security. All lighting would be required to conform to applicable County Dark Skies Ordinance requirements. A detailed lighting plan will be required prior to issuance of building permits. Motion-sensitive cameras and other monitoring equipment may also be installed. Cameras may be mounted on poles up to 20 feet in height.

1.4.11 Roads and Improved Surfaces

The final finished grade for roads throughout the developed portion of the proposed project site would be stable improved surfaces, including asphalt paved roads meeting fire department requirements, concrete footings and slabs, stabilized stormwater control systems, and gravel surfacing encompassing other areas.

Drainage onsite would be managed in shallow rip-rap ditches with culverts at road crossings and surface impoundments to control peak flows in accordance with County requirements. Approximately 17 acres of the proposed project site are not planned for development. Areas not planned for development would be left undisturbed, except for an approximately three acre area that would be used for temporary construction staging and then stabilized.

1.4.12 SCE Tie-Line and Substation Improvements

SCE would design, construct, own, and operate the tie-line extending from the POCO pole at the respective collector substation across the proposed project site boundary to the interconnection point at the Whirlwind Substation 220 kV bus. The following description of anticipated SCE facilities is preliminary and subject to change.

As shown in ***Figure 10 – Site Plan***, the preliminary design includes the electric tie-lines extending overhead from the POCO across the proposed project boundary directly into SCE-owned property between the proposed project site and the Whirlwind Substation. SCE may construct the tie-lines as either single-circuit (three conductors) or double-circuit (six conductors) using poles or lattice towers to support the overhead lines.

The proposed project would require two tie-lines and each consist of the overhead 220 kV conductors and a ground wire. The preliminary design for the tie-line from the South BESS area collector substation includes three steel tower or pole structures approximately 140 feet high on SCE property between the proposed project site and the Whirlwind Substation interconnection. The preliminary design of the tie-line for the West BESS area collector substation includes up to five steel tower or pole structures on SCE property between the proposed project site and the point of interconnection with three approximately 140 feet high and two higher structures or poles that will be less than 200 feet high. The higher structures would be needed to achieve required vertical clearances over existing transmission lines. The preliminary routing for both tie-lines and an example pole profile are shown in ***Figure 10 – Site Plan***. Fiberoptic cables between the collector substations and the existing communications room at the Whirlwind Substation would also be needed, it would either be overhead, underground, or both.

Within the existing Whirlwind Substation, each of the tie-lines would require installation of facilities for new 220 kV switchrack and line positions to terminate the tie-lines and telecommunications infrastructure. A preliminary scope description for the tie-line for the South BESS area is provided in the ***Table 3. Preliminary SCE Interconnection Work Scope Summary South BESS Area*** below. The scope would be generally similar for the tie-line for the West BESS Area although for a slightly longer tie-line length.

Table 3. Preliminary SCE Interconnection Work Scope Summary South BESS Area

Transmission Work
• Install a new 220kV generation tie-line from the Customer's point of change of ownership (POCO) to a new 220kV substation rack inside Whirlwind Substation. o Install approximately 2,000 linear circuit feet of conductors and shield wire from the POCO to the new 220kV substation rack inside the Substation. o Install three tubular steel poles or towers from Whirlwind Substation rack to POCO. Height will be compatible with height of POCO structure.
Whirlwind Substation Work
• Install new 220kV switchrack position to terminate new generation tie line. • Install one approximately 65' high steel dead-end structure at 220kV position 5N. o Install three 220kV coupling capacitor voltage transformers (CCTV) on new steel pedestal structures. Connect CCVTs using one 650 kCMIL ACSR conductor per phase. o Install new pull boxes with terminal blocks and MBB switches at the CCVT structures. o Install three 220kV surge arresters on new steel pedestal structures. Connect surge arresters using one 605kCMIL ACSR conductor per phase. o Install three 220kV line drops with tie down support structure. Connect the line drop to the disconnect switches using three 1590kCMIL ACSR conductors per phase. o Install new homerun cables to the new CCVTs. o Land ground wire and OPGW wire at top of approximately 65' high dead-end structure. • Install one 220kV line position. o Install two 220kV, 4000A, 50kA circuit breakers 4052 & 5052 with the circuit breaker mechanism facing away from the cable trench. o Install four 220kV, 4000A, horizontal group operated disconnect switches on new steel structures. Equip the north line switch with a ground switch. o Equip the position with three 1590kCMIL ACSR conductors per phase. Install all required bus support structurers and all conductor spacers. o Install two operator interface cabinets for the new circuit breakers. The operator interface cabinets will be fabricated by the contractor. o Install new homerun cables for the new circuit breakers. o Install fourteen 220kV bus support post insulators.

- Install foundation, conduit, grounding, homerun, and power cables.
- Install four conductor supports with pedestals.

Telecommunications Work

- Install two new underground diverse fiber optic line routes from Whirlwind Substation to new meet-me manholes outside of Whirlwind Substation fence line.
  - Route 1:
    - Install approximately 1,600 linear feet of new 2-5" underground conduit and fiber.
    - Install one approximately 4-foot by 4-foot by 6-foot manhole "meet-me" structure outside the southwest fence line of Whirlwind Substation.
  - Route 2:
    - Install approximately 1,250 linear feet of new 2-5" underground conduit and fiber.
    - Install one approximately 4-foot by 4-foot by 6-foot manhole "meet-me" structure outside the north fence line of Whirlwind Substation.

The location of the tie-line infrastructure between the POCO and the Whirlwind Substation would be determined by SCE and would be subject to review by the California Public Utilities Commission. SCE would be responsible for constructing the interconnection position with appropriate physical structures to terminate the BESS interconnection as well as installing and relaying the telecommunications equipment associated with the new connection. Construction equipment and methods for SCE's work would be similar to that of the proposed project's, which is described in further detail below in ***Section 1.5 – Construction Activities***. It is anticipated that SCE's interconnection facilities construction would occur concurrently with the BESS construction, to be completed when the interconnecting BESS facilities are ready for testing. Ground disturbances associated with SCE construction would occur within the previously developed footprint of the Whirlwind Substation and along the tie-line routes where clearing will occur for access, tie-line structures, and underground conduit installation.

1.4.13 Temporary Laydown Yard

An approximately three acre temporary laydown area will be needed for project construction. The temporary laydown area will be located adjacent to the driveway near 170th Street West. The laydown area will be temporarily fenced and secured during construction and will be used for temporary storage of materials and equipment.

1.5 Construction Activities

Construction of the proposed project is expected to last for approximately 2 years and would initiate once the project proponents receives all of the necessary permits and agency approvals. The preliminary construction plan is for construction to begin in the North and South areas and commercial operations to

begin first in the South Area while construction continues in other areas. At peak construction, the proposed project is expected to require approximately 150 onsite construction workers. The proposed project would utilize union labor, with wages at or above Internal Revenue Service (IRS) standards for prevailing wages, and would comply with the Occupational Safety and Health Administration (OSHA) Standards during and after the construction phase. Additionally, the National Fire Protection Association (NFPA) 70E Standards for hot electrical work would be strictly adhered to and enforced.

Construction would proceed with clearing, grubbing, and grading managed to minimize the area of active disturbance at any given time. Surfaces would be stabilized promptly once grading in the area is complete. Extensive grading would not be required due to the existing grading levels at the proposed project site close to the desired finish grades needed for construction and control of stormwater drainage. The final grading plan for each area (North or South) would be designed to achieve a cut and fill balance. Grading would be completed using common construction equipment such as water trucks, bulldozers, loaders, haul trucks and graders. Rough grading would include conditioning foundation areas as needed to achieve proper and consistent compaction in the subgrade and over the rough graded surface and achieving a cut/fill balance. Finish grading would consist of bringing the ground surface elevation contours to final grade with a gentle slope for positive drainage. Grading in the flood zone would be minimized and designed for no net fill and to avoid impact to flood flows. The BESS equipment would not be located in the flood zone. Staging for construction would occur within the areas to be developed and within an approximately 3-acre temporary staging area near 170th Street West.

Following grading, the foundations (concrete or pile) for the BESS and associated infrastructure would be installed. In the BESS arrays, smaller equipment such as DC converters and SCADA systems would be supported on concrete foundations. Batteries and MV transformers would be supported by piles or concrete foundations. Piles would be vibrated or screwed into place. Concrete foundation installation would consist of excavation as needed, installing forms, installing reinforcing steel, structural inspection, and then concrete pouring and finishing. Forms would be removed in following days after the concrete has hardened. Concrete would be purchased from an offsite supplier and trucked to the site. No onsite batch plant is anticipated. Equipment placement and MV underground duct bank installation would begin after the equipment foundations have been placed and concrete adequately cured. Cranes would be used to lift equipment enclosures from delivery trucks onto foundations and then the enclosures would be secured in place. Trenchers or backhoes would be used to excavate and backfill ditches for installation of conduit and underground cabling to connect the equipment. Once underground conductors are installed, connections would be completed and then inspected. The onsite collector substation and SCE interconnection improvements would overlap with the BESS installation and would be scheduled to accommodate testing and commissioning prior to the scheduled commercial operations date. Installation of foundations, equipment, underground duct banks, construction of the collector substation, and interconnection improvements would use conventional earthmoving and building equipment such as cement trucks, water trucks, truck-mounted drills, dump trucks, loader/backhoes, bobcats, man-lifts, and cranes. SCE would be responsible for all construction within the Whirlwind Substation and the gen-tie lines between the Whirlwind Substation and the POCOs.

During project construction, water would be required for common construction-related purposes, including but not limited: dust suppression, soil compaction, and grading. The overall construction water usage is anticipated to be approximately 55 acre-feet during the 2 year construction period. Construction water

would be from onsite wells supplemented by water purchased from local water purveyors. Water trucks would be kept onsite and used to control fugitive dust in accordance with the Eastern Kern County Air Pollution Control District (APCD) requirements. The project proponents would require construction contractors to comply with all applicable APCD requirements during construction including, but not limited to, Rule 402 for control of fugitive dust. A Fugitive Dust Emission Control Plan would be submitted to APCD for approval prior to groundbreaking.

The designated temporary staging and parking area for construction would occur onsite near active work areas as development progresses. Temporary bulk fuel storage would be provided onsite for construction with secondary containment. Sanitary facilities for construction would be provided via portable self-contained units maintained by a licensed contractor. Staging and parking for SCE's construction is expected to occur within currently developed SCE property at the Whirlwind Substation.

Electric power for construction onsite would be provided by portable generators since there is no electric distribution line nearby and the voltage of nearby transmission is too high to be of practical use. Portable generators will conform with APCD requirements.

All constructed electrical equipment would be inspected and tested as appropriate prior to energizing. Construction would be required to follow all applicable local, state, and federal safety regulations and a full-time safety professional would be present onsite to monitor and implement a comprehensive project-specific safety program. Construction would be subject to requirements of the State General Permit for stormwater discharges from construction sites including implementation of a Storm Water Pollution Prevention Plan (SWPPP) with Best Management Practices (BMPs) developed by a California Qualified SWPPP Developer and implemented by a Qualified SWPPP Practitioner. The proponents would be responsible for compliance with the General Permit until it is demonstrated to the Regional Water Quality Control Board (RWQCB) that surface stabilization is complete, and a Notice of Termination is accepted.

1.6 Operational Activities

The anticipated operational life is 35 years. The proposed project is designed for remote operation and would be available to charge or discharge electric energy year-round, 24 hours per day, seven days per week. A comprehensive monitoring and security system would be included. Installed infrastructure at the Whirlwind Substation, the gen-tie lines between the Whirlwind Substation and the POCO, and SCE control and metering equipment within the collector substations would be operated and maintained by SCE. The project proponents would be responsible for operation and maintenance of all onsite facilities, except for SCE control and metering equipment within the collector substations.

It is anticipated that approximately 2 to 6 full-time employees would be needed for routine onsite operations at the proposed project facility. In addition, the proposed project may require approximately 4 to 6 part-time employees for periodic maintenance. The O&M facility described in Section 1.4.7 would provide offices, a conference room, a break room, and sanitary facilities for onsite employees, vendors, and contractors.

During operation, it is anticipated that water would be required for flushing and filling the firewater tanks as well as O&M building use. Water consumption during operations is expected to be less than 2 acre-feet

per year. During operations, the water used is anticipated to be from onsite wells or purchased from a local water purveyor.

Replacement, repair, or augmentation of systems would occur as needed within the proposed project site. Maintenance will occasionally generate spent batteries that would be returned to the battery manufacturer for recycling. Other equipment may also require replacement from time-to-time and would be removed from the proposed project site and recycled or disposed of in accordance with applicable State regulations for waste management.

1.7 Decommissioning

After the anticipated operational life of 35 years, if not repowered, then the proposed project would be decommissioned, and the project components, including the BESS facility would be removed from the proposed project site. Disturbed areas from the removal of the project components would be stabilized. The proposed project site could then be converted to other uses in accordance with applicable land use regulations in effect at that time. A decommissioning plan would be developed and would adhere to the requirements of the appropriate governing authorities as well as all applicable local, state, and federal requirements and BMPs.

The decommissioning would include removal of above-grade facilities, buried electrical conduit, and concrete and pile foundations. Equipment would be repurposed off-site, recycled, or disposed of in a landfill as appropriate under State regulations. Most material generated would be recyclable metals, concrete, and electrical equipment. Some or most battery components would be recycled, and other components may be disposed of as hazardous waste, depending on available technology. Li-ion and lithium-iron phosphate batteries and their constituent parts would likely be recycled. Some batteries may have the capacity to be reused at the end of the operating life of the proposed project.

Decommissioning activities would be primarily within the proposed project's security fence, which will be among the last components to be removed. Decommissioning would take up to approximately 12 months to complete and would occur in the following phases:

- Phase 1 – Shutting down the systems and removing hazardous materials and wiring;
- Phase 2 – Removing the battery storage enclosures, inverters, and substations; and
- Phase 3 – Removing foundations, site fencing and driveways, and surface stabilization. Disturbed areas would be stabilized as soon as practical as decommissioning progresses across the proposed project site.

Decommissioning would involve the use of heavy equipment similar to that used for construction, although likely with a generally smaller equipment fleet. Appropriate hazardous materials control and erosion control measures would be used throughout the decommissioning process. It is anticipated that such controls would be substantially similar to those implemented during construction.

1.8 Proponent Submitted Project Objectives

State CEQA Guidelines Section 15124(b) requires that a project description for an EIR include a clearly written statement of objectives. The statement of objectives should include the underlying purpose of the

proposed project and may discuss the project benefits. The following are the project proponent's submitted project objectives for the proposed project:

- **Objective 1** – Establish a reliable, economically feasible, and commercially financeable energy storage facility of sufficient size to substantially contribute to State goals for storage capacity.
- **Objective 2** – Provide Kern County, the State of California, and Southern California Edison, with storage capacity that would assist in meeting obligations under California's Renewable Portfolio Standard Program. To achieve California's 2045 clean energy targets, the Public Utilities Commission has identified a need for 52 gigawatts of energy storage capacity.
- **Objective 3** – Use proven and established energy storage technology that is efficient with low maintenance requirements.
- **Objective 4** – Minimize the need for new infrastructure to connect the storage capacity to the grid.
- **Objective 5** – Site and design the project in an environmentally responsible manner.
- **Objective 6** – Locate the storage capacity close to an abundant source of renewable energy to optimize transmission efficiency.
- **Objective 7** – Utilize land that is commercially viable to secure.
- **Objective 8** – Develop an energy storage facility in Kern County that would support the economy by investing in the local community, providing green jobs to the County and California, and increase tax and fee revenue to the County.

1.9 Proposed Actions/Required Approvals

The Kern County Planning and Natural Resources Department, as the CEQA Lead Agency (per CEQA Guidelines Section 15052), has primary responsibility for the Euismod Energy Storage Project. To implement this proposed project, various discretionary and ministerial permits/approvals may be required, including but not necessarily limited to the following:

- **Federal**
    - U.S. Fish and Wildlife Service Incidental Take Permit and Habitat Conservation Plan (if required)
    - U.S. Army Corps of Engineers (USACE) Jurisdictional Delineation and Section 404 Permit (if required)
    - Federal Communications Commission licenses
- **State**
    - California Public Utilities Commission
        - Approval under General Order 131E (if required)
        - Public Utilities Crossing/Encroachment Agreements (if required)

- California Department of Fish and Wildlife
  - Section 2081 Incidental Take Permit (for state-listed and Candidate species including burrowing owl and Western Joshua Tree)
  - Authorization for Joshua tree removal under the Western Joshua Tree Conservation Act
  - Section 1600 et seq. (Lake and Streambed Alteration Agreement) (if required)
- Lahontan Regional Water Quality Control Board
  - Waste Discharge Requirements (if required)
  - Regional Water Quality Certification (401 and 404 Permit) (if required)
  - National Pollutant Discharge Elimination System (NPDES) Construction General Permit

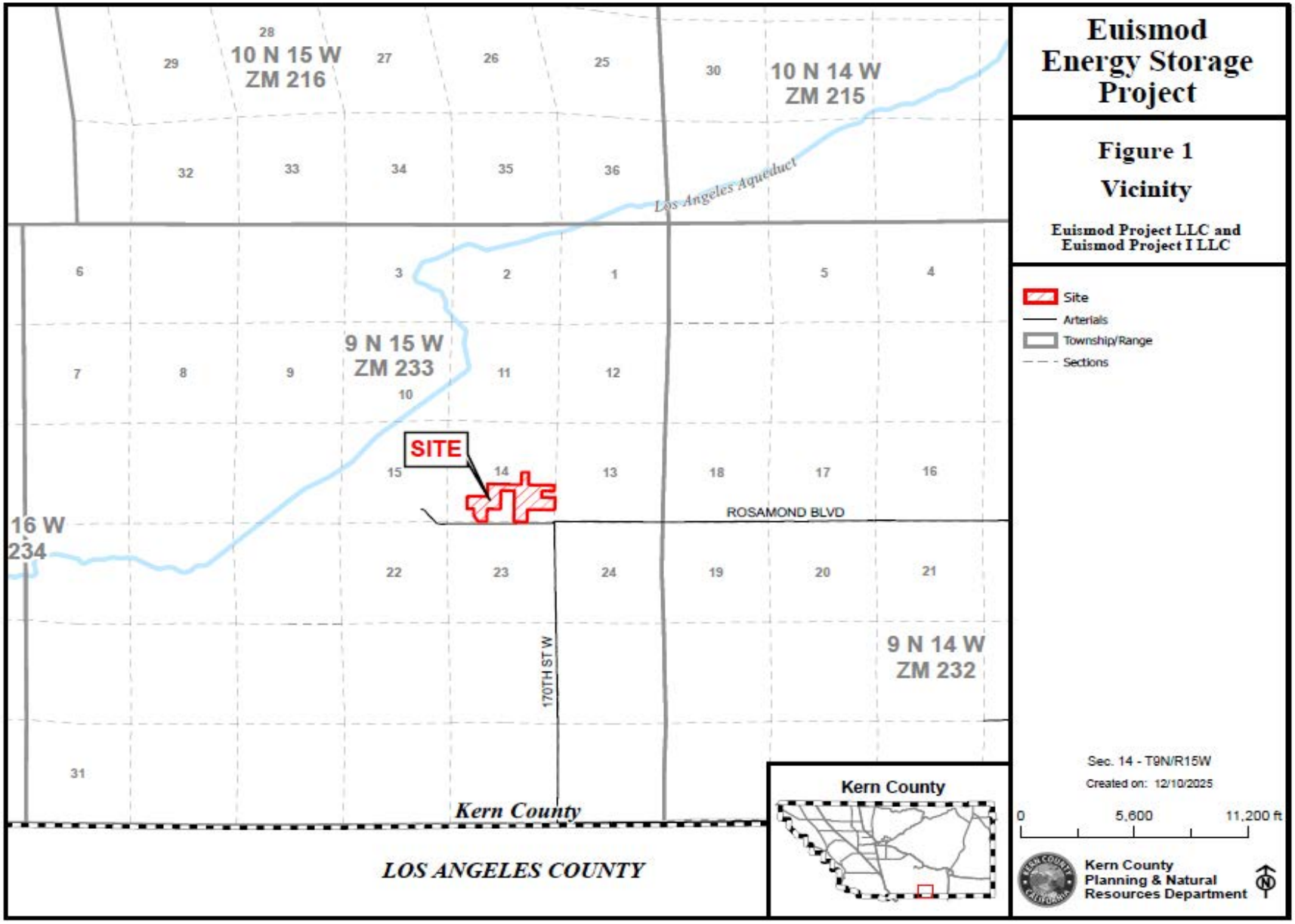
- **Local**
  - Kern County
    - Consideration and Certification of Final Environmental Impact Report
    - Adoption of 15091 Findings of Fact and 15093 Statement of Overriding Considerations
    - Adoption of Mitigation Monitoring and Reporting Program
    - Approval of Zone Change Case
    - Approval of Conditional Use Permits
    - Approval of Zone Variance
    - Approval of Non-summary Vacations of Public Access Easements
    - Approval of Kern County Grading and Building Permits
    - Approval of Kern County Encroachment Permits (if required)
    - Approval of Fire Safety Plan
    - Approval of Hazardous Materials Business Plan
  - Eastern Kern County Air Pollution Control District
    - Approval of Fugitive Dust Control Plan
    - Approval of Authority to Construct Permits

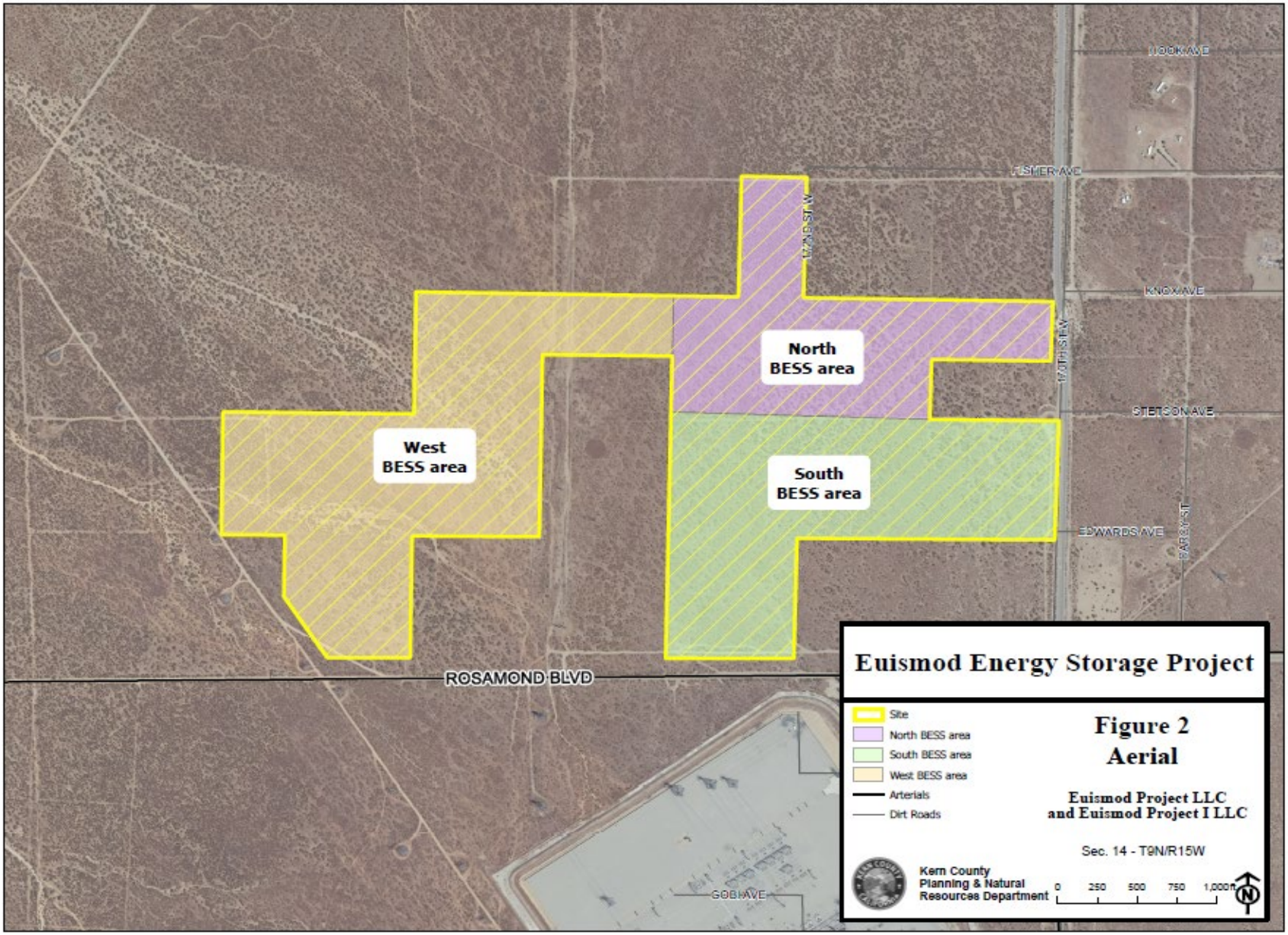
- Approval of Permits to Operate

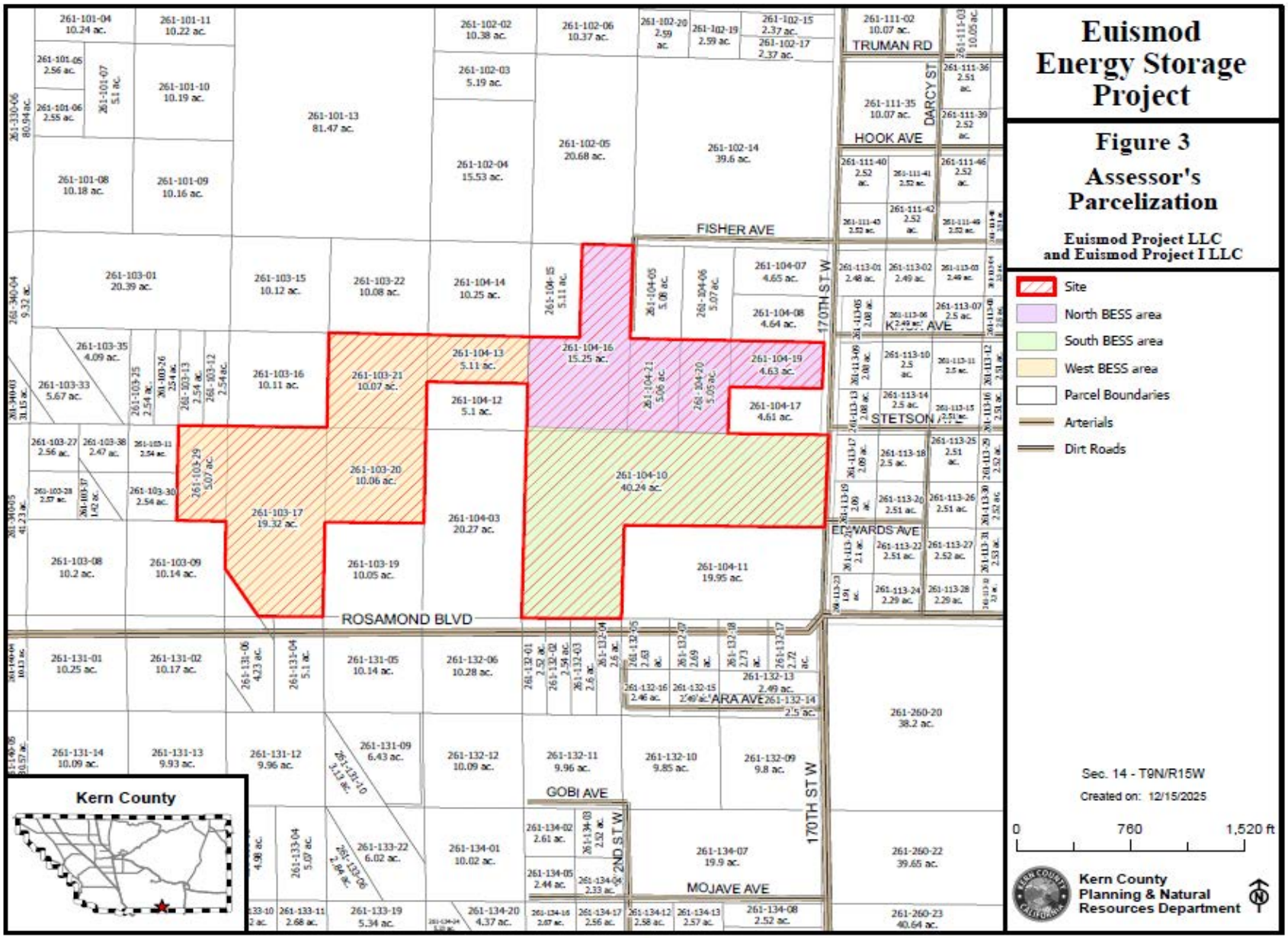
- Antelope Valley Water Master
  - Groundwater Right Authorization for withdrawal from the Antelope Valley Groundwater Basin

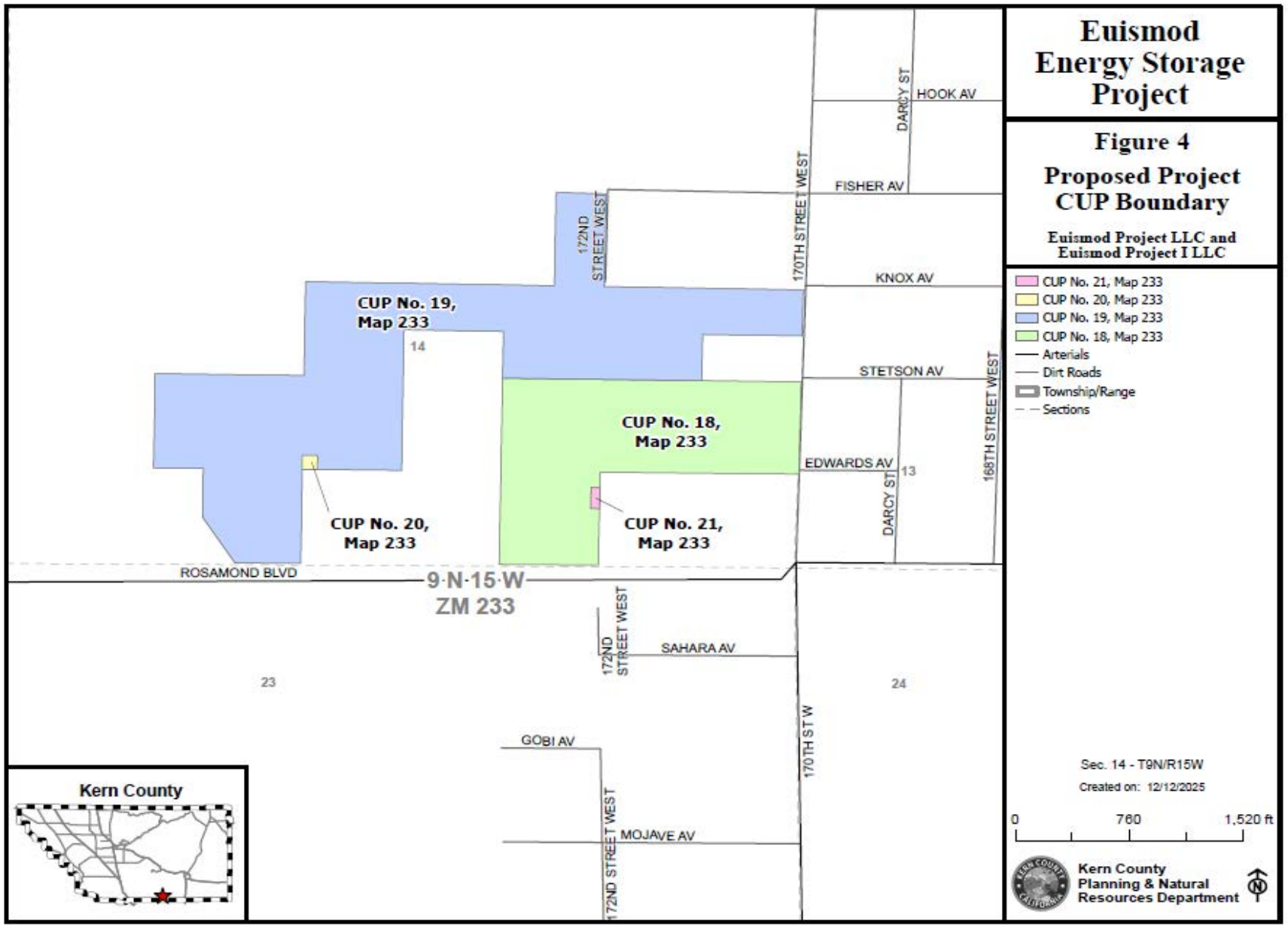
The preceding actions/approvals are potentially required and do not necessarily represent a comprehensive list of all possible permits/approvals required. Other permits or approvals from responsible agencies may be required for the proposed project.

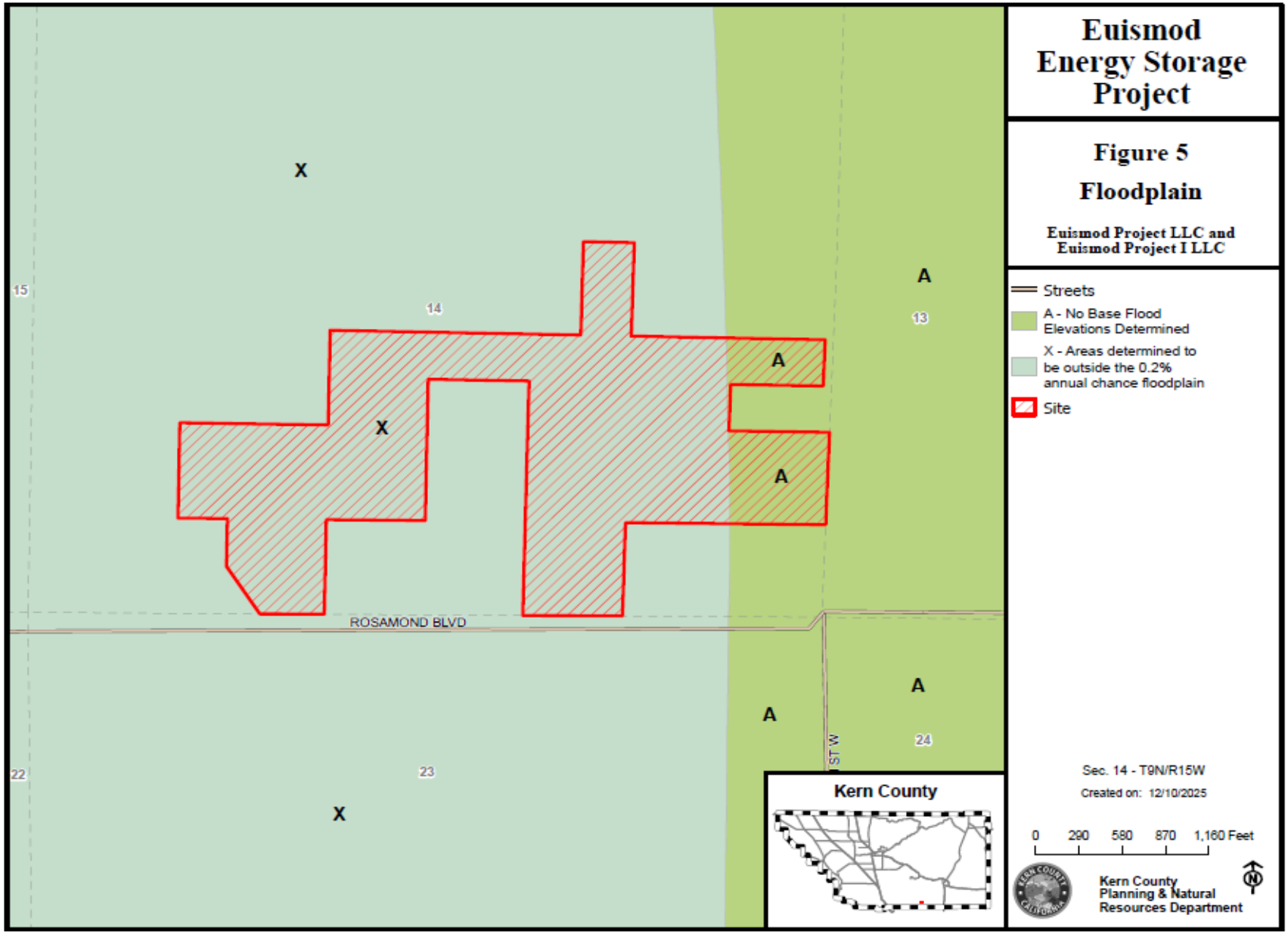
Figures

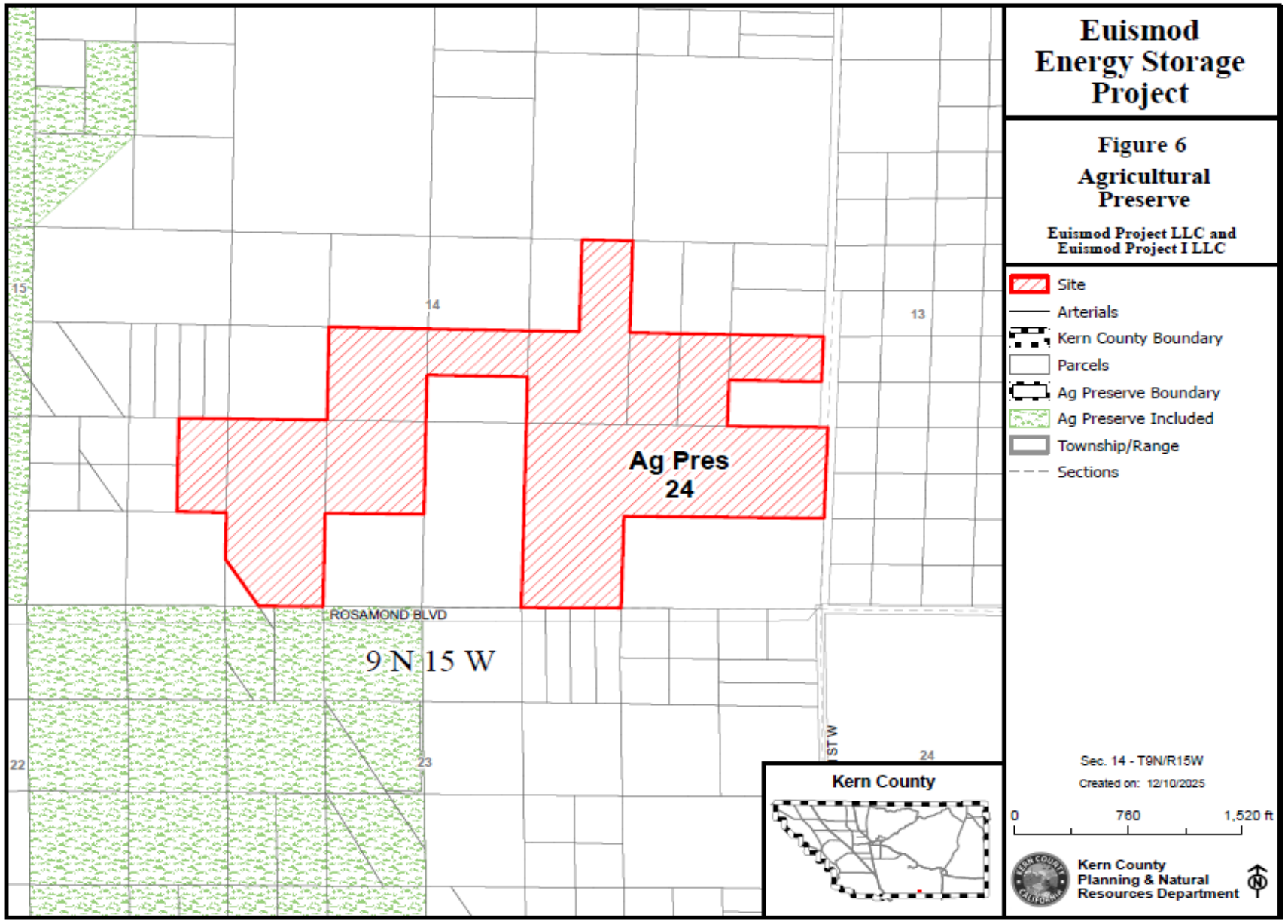

Euismod Energy Storage Project
Figure 1
Vicinity
Euismod Project LLC and Euismod Project I LLC
Site
Arterials
Township/Range
Sections
SITE
10 N 15 W ZM 216
10 N 14 W ZM 215
9 N 15 W ZM 233
9 N 14 W ZM 232
16 W 234
ROSAMOND BLVD
170TH ST W
Los Angeles Aqueduct
Kern County
LOS ANGELES COUNTY
Kern County
Sec. 14 - T9N/R15W
Created on: 12/10/2025
0
5,600
11,200 ft
Kern County Planning & Natural Resources Department

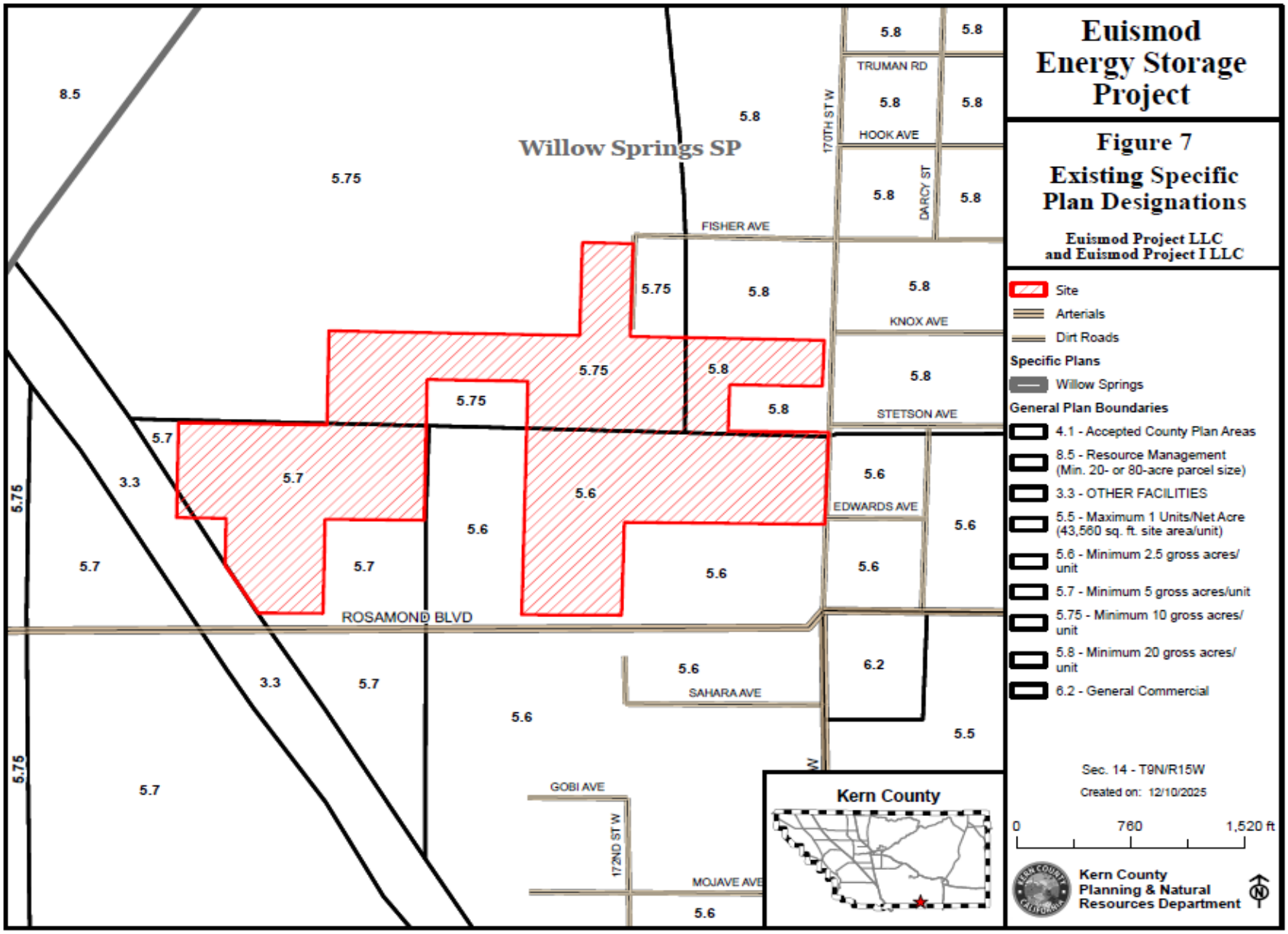

North BESS area
West BESS area
South BESS area
ROSAMOND BLVD
FISHER AVE
KNOX AVE
STETSON AVE
EDWARDS AVE
GOBI AVE
Euismod Energy Storage Project
Site
North BESS area
South BESS area
West BESS area
Arterials
Dirt Roads
Figure 2
Aerial
Euismod Project LLC
and Euismod Project I LLC
Sec. 14 - T9N/R15W
Kern County
Planning & Natural
Resources Department
0 250 500 750 1,000ft
N

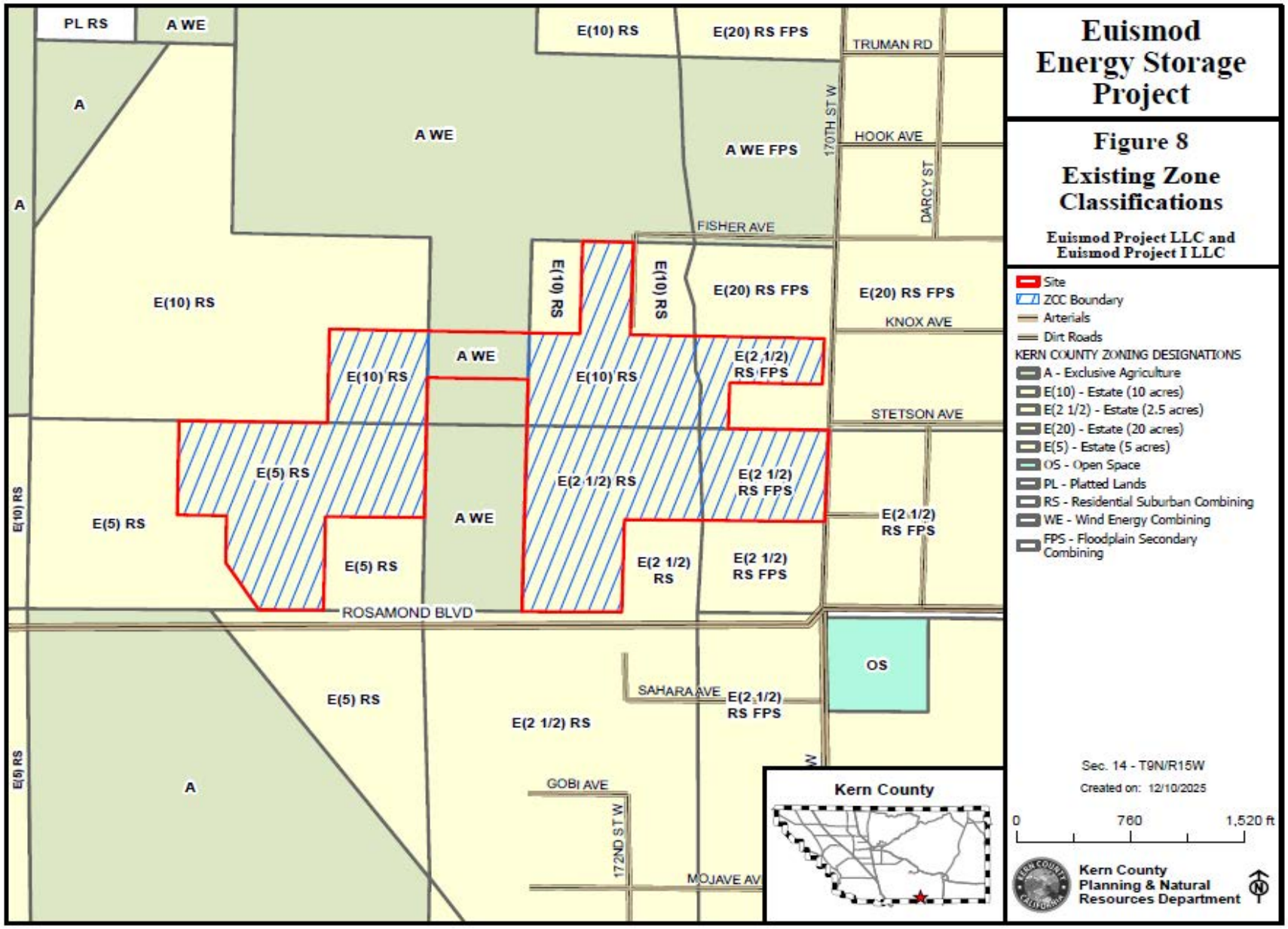

Euismod Energy Storage Project
Figure 3
Assessor's Parcelization
Euismod Project LLC and Euismod Project I LLC
Site
North BESS area
South BESS area
West BESS area
Parcel Boundaries
Arterials
Dirt Roads
Sec. 14 - T9N/R15W
Created on: 12/15/2025
0
760
1,520 ft
Kern County Planning & Natural Resources Department
Kern County
ROSAMOND BLVD
FISHER AVE
HOOK AVE
TRUMAN RD
DARCY ST
170TH ST W
STETSON AVE
EDWARDS AVE
ARA AVE
GOBI AVE
MOJAVE AVE
2ND ST W
261-101-13 81.47 ac.
261-103-20 10.06 ac.
261-103-17 19.32 ac.
261-104-10 40.24 ac.
261-104-11 19.95 ac.
261-104-03 20.27 ac.
261-260-20 38.2 ac.
261-260-22 39.65 ac.
261-260-23 40.64 ac.

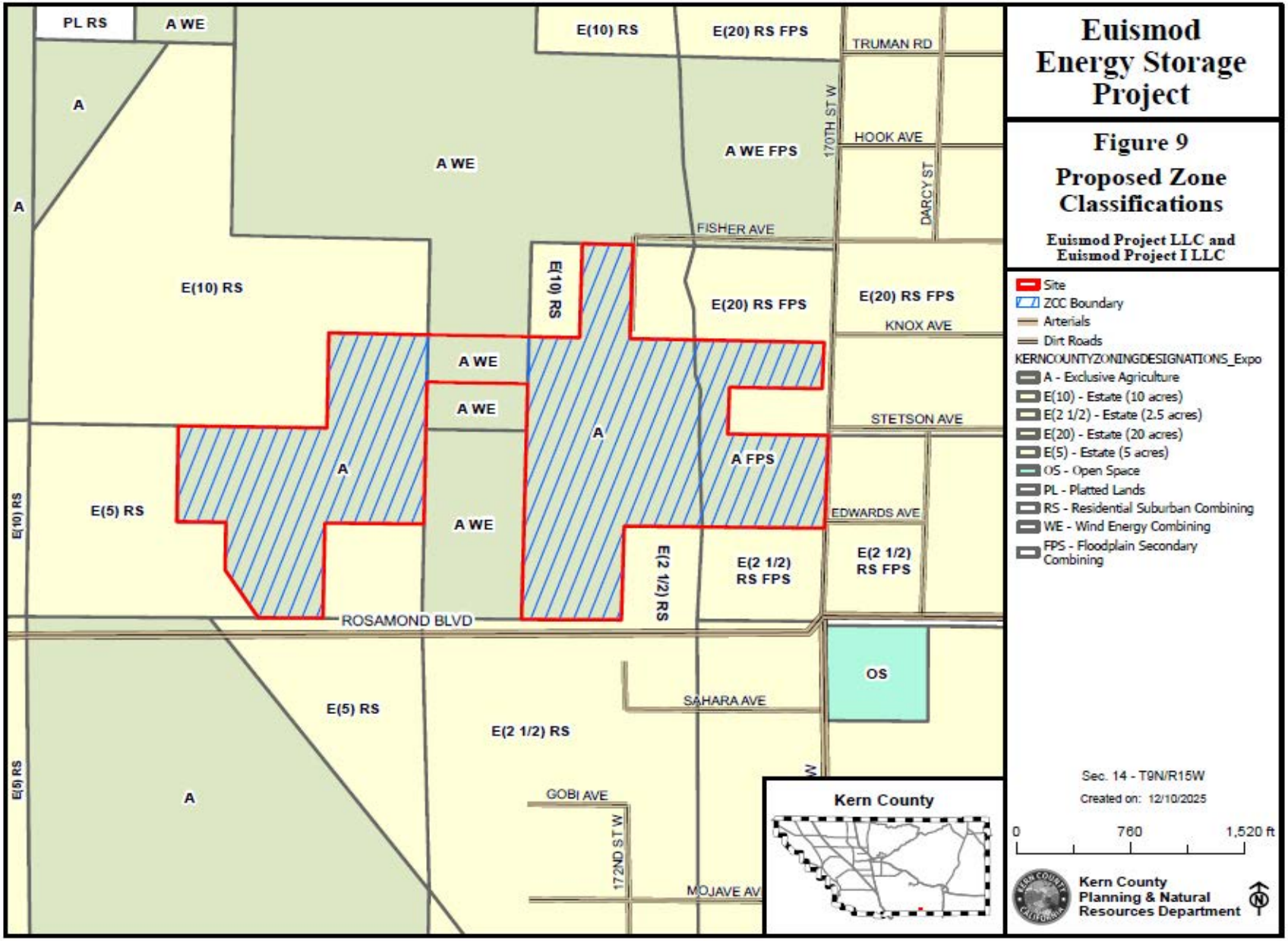

Euismod Energy Storage Project
Figure 4
Proposed Project CUP Boundary
Euismod Project LLC and Euismod Project I LLC
CUP No. 21, Map 233
CUP No. 20, Map 233
CUP No. 19, Map 233
CUP No. 18, Map 233
Arterials
Dirt Roads
Township/Range
Sections
CUP No. 19, Map 233
CUP No. 18, Map 233
CUP No. 20, Map 233
CUP No. 21, Map 233
HOOK AV
DARCY ST
FISHER AV
172ND STREET WEST
170TH STREET WEST
KNOX AV
STETSON AV
168TH STREET WEST
EDWARDS AV
ROSAMOND BLVD
9N15W
ZM 233
SAHARA AV
GOBI AV
MOJAVE AV
14
13
23
24
Kern County
Sec. 14 - T9N/R15W
Created on: 12/12/2025
0
760
1,520 ft
Kern County Planning & Natural Resources Department

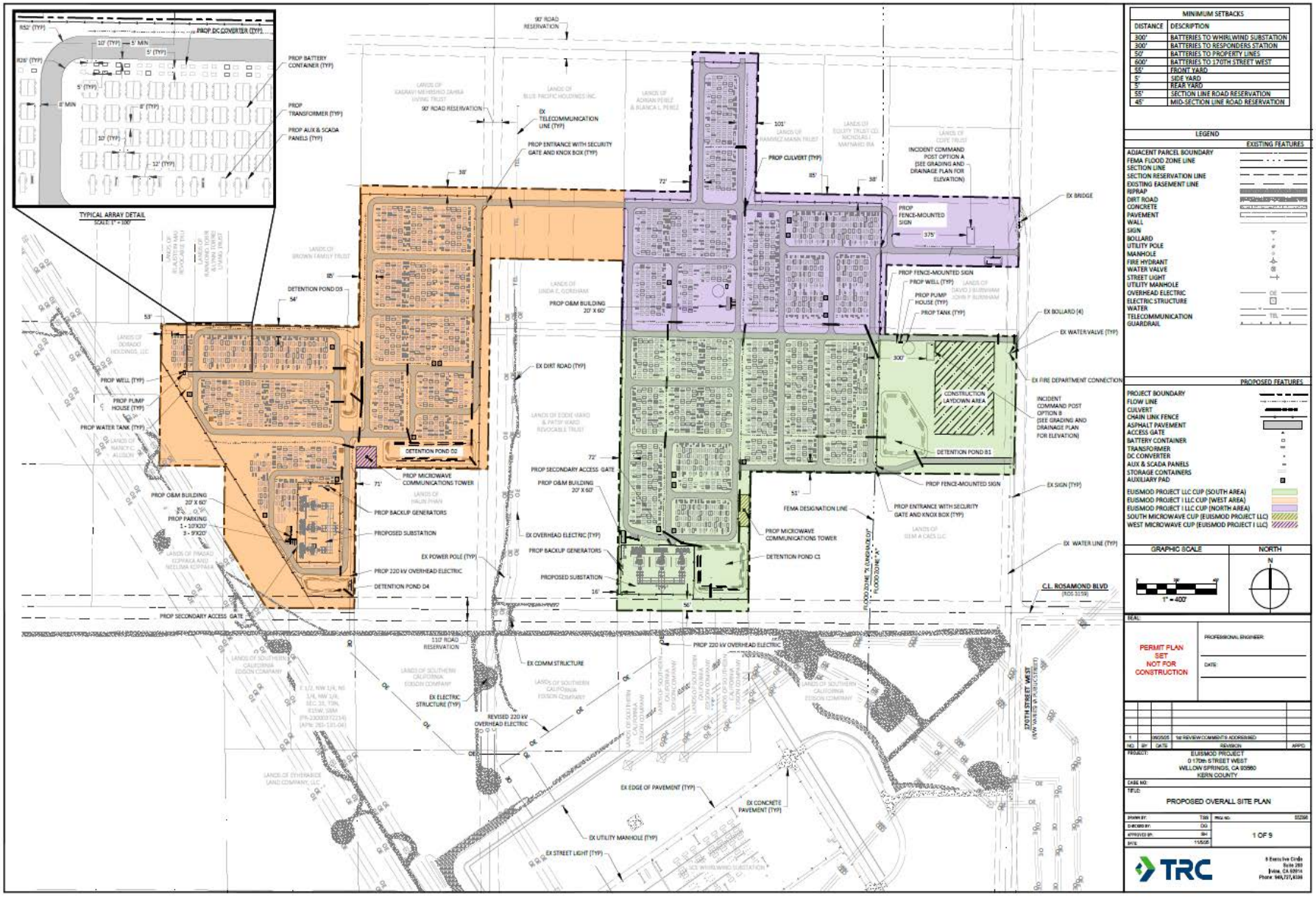

Euismod Energy Storage Project
Figure 5
Floodplain
Euismod Project LLC and Euismod Project I LLC
Streets
A - No Base Flood Elevations Determined
X - Areas determined to be outside the 0.2% annual chance floodplain
Site
ROSAMOND BLVD
15
14
13
22
23
24
X
A
ST W
Kern County
Sec. 14 - T9N/R15W
Created on: 12/10/2025
0 290 580 870 1,160 Feet
Kern County Planning & Natural Resources Department

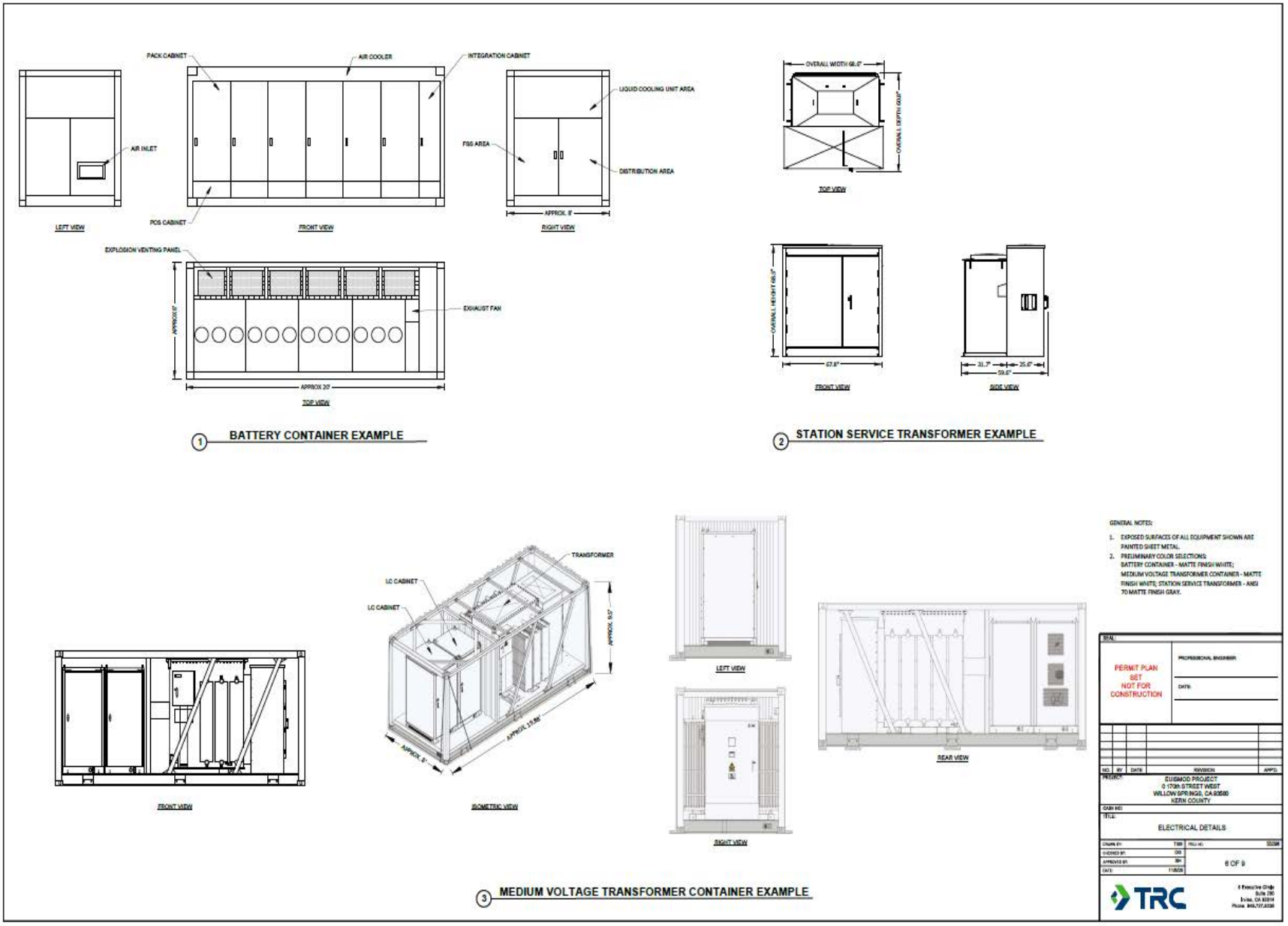

Euismod Energy Storage Project
Figure 6
Agricultural Preserve
Euismod Project LLC and Euismod Project I LLC
Site
Arterials
Kern County Boundary
Parcels
Ag Preserve Boundary
Ag Preserve Included
Township/Range
Sections
Ag Pres 24
ROSAMOND BLVD
9 N 15 W
15
14
13
22
23
24
ST W
Kern County
Sec. 14 - T9N/R15W
Created on: 12/10/2025
0
760
1,520 ft
Kern County Planning & Natural Resources Department

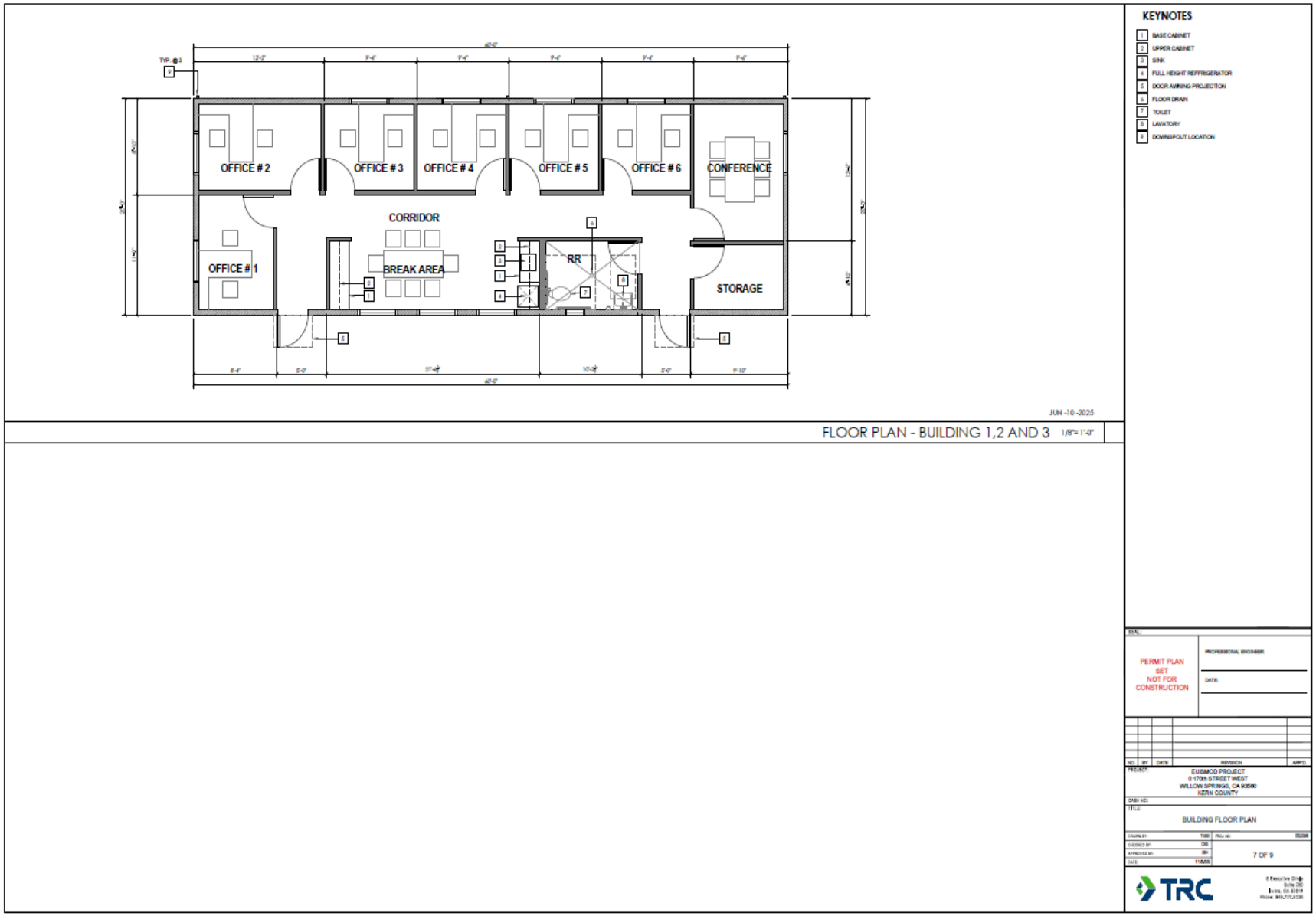

Euismod Energy Storage Project
Figure 7
Existing Specific Plan Designations
Euismod Project LLC and Euismod Project I LLC
Site
Arterials
Dirt Roads
Specific Plans
Willow Springs
General Plan Boundaries
4.1 - Accepted County Plan Areas
8.5 - Resource Management (Min. 20- or 80-acre parcel size)
3.3 - OTHER FACILITIES
5.5 - Maximum 1 Units/Net Acre (43,560 sq. ft. site area/unit)
5.6 - Minimum 2.5 gross acres/ unit
5.7 - Minimum 5 gross acres/unit
5.75 - Minimum 10 gross acres/ unit
5.8 - Minimum 20 gross acres/ unit
6.2 - General Commercial
Sec. 14 - T9N/R15W
Created on: 12/10/2025
0
760
1,520 ft
Kern County Planning & Natural Resources Department
Kern County
Willow Springs SP
TRUMAN RD
HOOK AVE
FISHER AVE
KNOX AVE
STETSON AVE
EDWARDS AVE
ROSAMOND BLVD
SAHARA AVE
GOBI AVE
MOJAVE AVE
170TH ST W
DARCY ST
172ND ST W

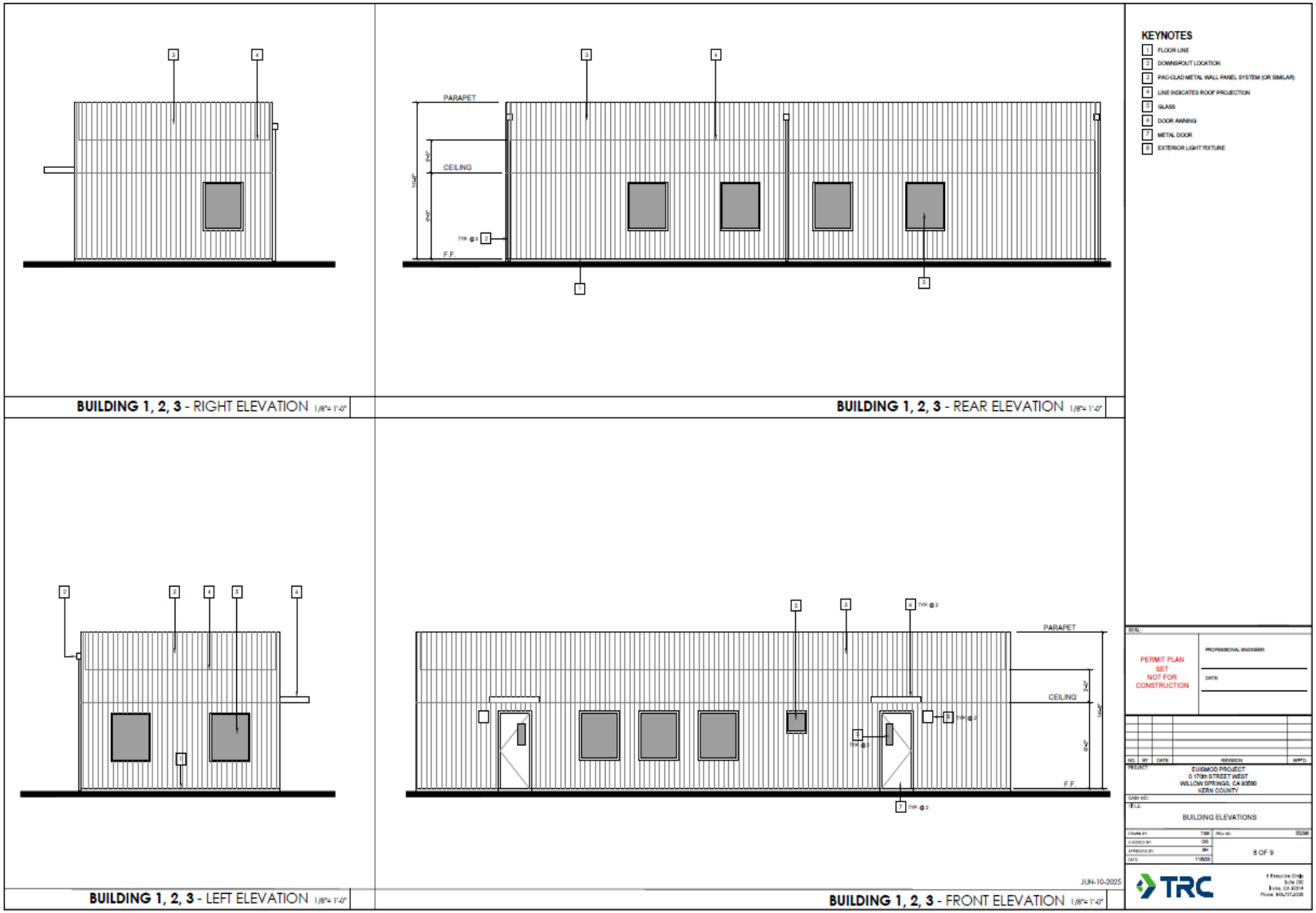

Euismod Energy Storage Project
Figure 8
Existing Zone Classifications
Euismod Project LLC and Euismod Project I LLC
Site
ZOC Boundary
Arterials
Dirt Roads
KERN COUNTY ZONING DESIGNATIONS
A - Exclusive Agriculture
E(10) - Estate (10 acres)
E(2 1/2) - Estate (2.5 acres)
E(20) - Estate (20 acres)
E(5) - Estate (5 acres)
OS - Open Space
PL - Platted Lands
RS - Residential Suburban Combining
WE - Wind Energy Combining
FPS - Floodplain Secondary Combining
Sec. 14 - T9N/R15W
Created on: 12/10/2025
0
760
1,520 ft
Kern County Planning & Natural Resources Department
Kern County
PL RS
A WE
E(10) RS
E(20) RS FPS
TRUMAN RD
A
A WE FPS
170TH ST W
HOOK AVE
DARCY ST
FISHER AVE
E(10) RS
E(20) RS FPS
KNOX AVE
E(2 1/2) RS FPS
STETSON AVE
E(5) RS
E(2 1/2) RS
E(2 1/2) RS FPS
ROSAMOND BLVD
OS
SAHARA AVE
GOBI AVE
172ND ST W
MOJAVE AV

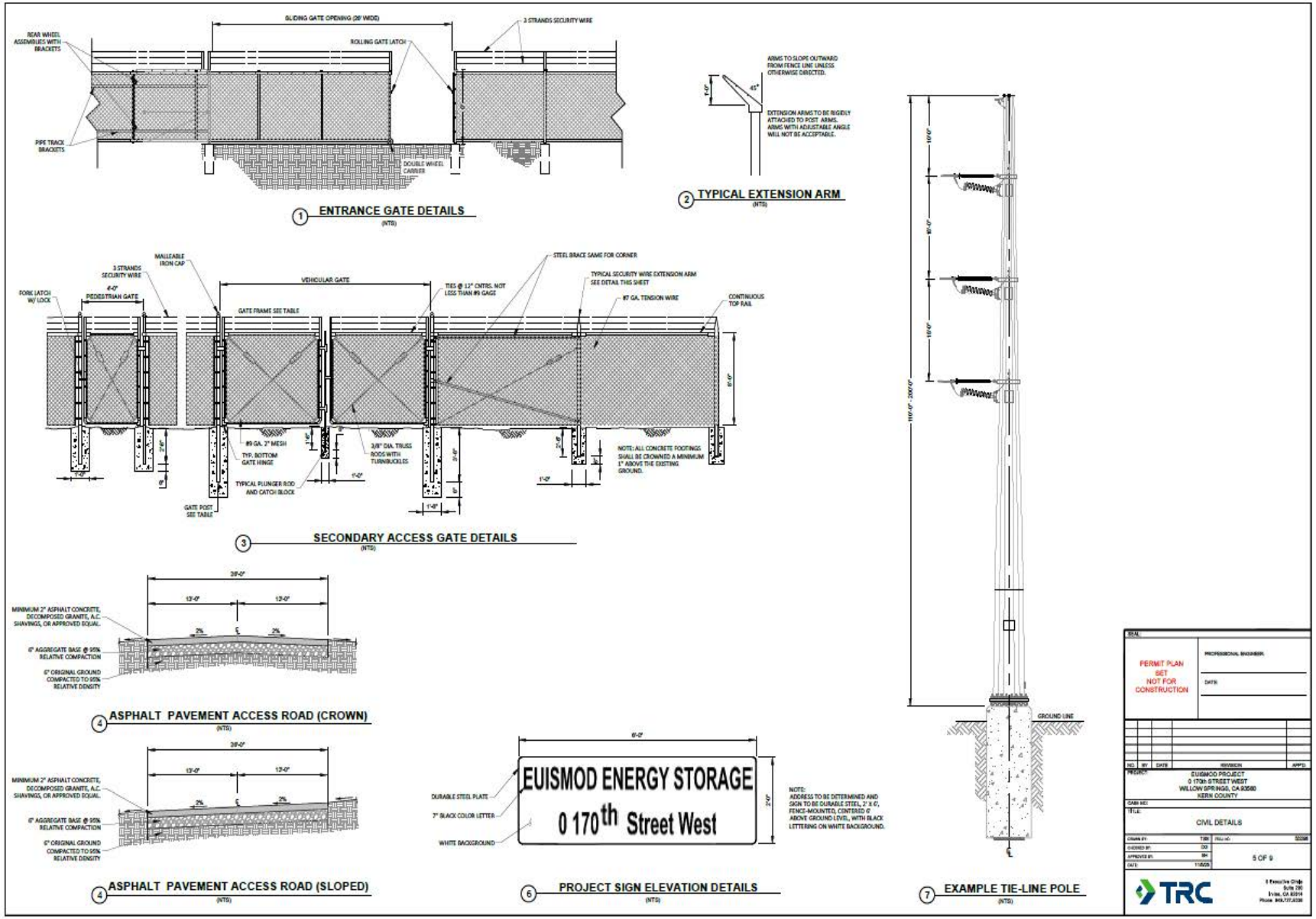

Euismod Energy Storage Project
Figure 9
Proposed Zone Classifications
Euismod Project LLC and Euismod Project I LLC
Site
ZOC Boundary
Arterials
Dirt Roads
KERNCOUNTYZONINGDESIGNATIONS_Expo
A - Exclusive Agriculture
E(10) - Estate (10 acres)
E(2 1/2) - Estate (2.5 acres)
E(20) - Estate (20 acres)
E(5) - Estate (5 acres)
OS - Open Space
PL - Platted Lands
RS - Residential Suburban Combining
WE - Wind Energy Combining
FPS - Floodplain Secondary Combining
Sec. 14 - T9N/R15W
Created on: 12/10/2025
0
760
1,520 ft
Kern County Planning & Natural Resources Department
Kern County
PL RS
A WE
E(10) RS
E(20) RS FPS
TRUMAN RD
A
A WE
A WE FPS
170TH ST W
HOOK AVE
DARCY ST
FISHER AVE
E(10) RS
E(20) RS FPS
E(20) RS FPS
KNOX AVE
A WE
A WE
A
A FPS
STETSON AVE
E(5) RS
A WE
EDWARDS AVE
E(2 1/2) RS
E(2 1/2) RS FPS
E(2 1/2) RS FPS
ROSAMOND BLVD
OS
SAHARA AVE
E(5) RS
E(2 1/2) RS
GOBI AVE
172ND ST W
MOJAVE AV


MINIMUM SETBACKS
DISTANCE | DESCRIPTION
300' | BATTERIES TO WHIRLWIND SUBSTATION
300' | BATTERIES TO RESPONDERS STATION
50' | BATTERIES TO PROPERTY LINES
600' | BATTERIES TO 170TH STREET WEST
55' | FRONT YARD
5' | SIDE YARD
5' | REAR YARD
55' | SECTION LINE ROAD RESERVATION
45' | MID-SECTION LINE ROAD RESERVATION
LEGEND
EXISTING FEATURES
PROPOSED FEATURES
TYPICAL ARRAY DETAIL
PROP DC CONVERTER (TYP.)
PROP BATTERY CONTAINER (TYP)
PROP TRANSFORMER (TYP)
PROP AUX & SCADA PANELS (TYP)
DETENTION POND D3
DETENTION POND D2
DETENTION POND D1
DETENTION POND C1
DETENTION POND D4
PROP O&M BUILDING 20' X 60'
PROP WELL (TYP)
PROP PUMP HOUSE (TYP)
PROP WATER TANK (TYP)
PROP PARKING 1 - 10'X20' 3 - 9'X20'
PROP MICROWAVE COMMUNICATIONS TOWER
PROP BACKUP GENERATORS
PROPOSED SUBSTATION
EX POWER POLE (TYP)
PROP 220 kV OVERHEAD ELECTRIC
PROP SECONDARY ACCESS GATE
EX DIRT ROAD (TYP)
EX OVERHEAD ELECTRIC (TYP)
EX COMM STRUCTURE
EX ELECTRIC STRUCTURE (TYP)
REVISED 220 kV OVERHEAD ELECTRIC
PROP ENTRANCE WITH SECURITY GATE AND KNOX BOX (TYP)
EX TELECOMMUNICATION LINE (TYP)
PROP CULVERT (TYP)
INCIDENT COMMAND POST OPTION A (SEE GRADING AND DRAINAGE PLAN FOR ELEVATION)
INCIDENT COMMAND POST OPTION B (SEE GRADING AND DRAINAGE PLAN FOR ELEVATION)
PROP FENCE-MOUNTED SIGN
PROP FENCE-MOUNTED SIGN
PROP WELL (TYP)
PROP PUMP HOUSE (TYP)
PROP TANK (TYP)
CONSTRUCTION LAYDOWN AREA
EX BRIDGE
EX BOLLARD (4)
EX WATER VALVE (TYP)
EX FIRE DEPARTMENT CONNECTION
EX SIGN (TYP)
EX WATER LINE (TYP)
FEMA DESIGNATION LINE
C.L. ROSAMOND BLVD
270TH STREET WEST
110' ROAD RESERVATION
90' ROAD RESERVATION
EX EDGE OF PAVEMENT (TYP)
EX CONCRETE PAVEMENT (TYP)
EX UTILITY MANHOLE (TYP)
EX STREET LIGHT (TYP)
PROJECT BOUNDARY
FLOW LINE
CULVERT
CHAIN LINK FENCE
ASPHALT PAVEMENT
ACCESS GATE
BATTERY CONTAINER
TRANSFORMER
DC CONVERTER
AUX & SCADA PANELS
STORAGE CONTAINERS
AUXILIARY PAD
EUISMOD PROJECT LLC CUP (SOUTH AREA)
EUISMOD PROJECT I LLC CUP (WEST AREA)
EUISMOD PROJECT I LLC CUP (NORTH AREA)
SOUTH MICROWAVE CUP (EUISMOD PROJECT LLC)
WEST MICROWAVE CUP (EUISMOD PROJECT I LLC)
GRAPHIC SCALE
1" = 400'
NORTH
PERMIT PLAN SET NOT FOR CONSTRUCTION
PROFESSIONAL ENGINEER:
DATE:
PROJECT:
EUISMOD PROJECT
0 170th STREET WEST
WILLOW SPRINGS, CA 93560
KERN COUNTY
CASE NO:
TITLE:
PROPOSED OVERALL SITE PLAN
1 OF 9
TRC


PACK CABINET
AIR COOLER
INTEGRATION CABINET
AIR INLET
LIQUID COOLING UNIT AREA
FSS AREA
DISTRIBUTION AREA
POS CABINET
LEFT VIEW
FRONT VIEW
RIGHT VIEW
EXPLOSION VENTING PANEL
EXHAUST FAN
APPROX 20'
TOP VIEW
1 BATTERY CONTAINER EXAMPLE
TOP VIEW
FRONT VIEW
SIDE VIEW
2 STATION SERVICE TRANSFORMER EXAMPLE
TRANSFORMER
LC CABINET
LC CABINET
FRONT VIEW
ISOMETRIC VIEW
LEFT VIEW
RIGHT VIEW
REAR VIEW
3 MEDIUM VOLTAGE TRANSFORMER CONTAINER EXAMPLE
GENERAL NOTES:
1. EXPOSED SURFACES OF ALL EQUIPMENT SHOWN ARE PAINTED SHEET METAL.
2. PRELIMINARY COLOR SELECTIONS:
BATTERY CONTAINER - MATTE FINISH WHITE;
MEDIUM VOLTAGE TRANSFORMER CONTAINER - MATTE FINISH WHITE; STATION SERVICE TRANSFORMER - ANSI 70 MATTE FINISH GRAY.
PERMIT PLAN SET NOT FOR CONSTRUCTION
EUISMOD PROJECT
0 170th STREET WEST
WILLOW SPRINGS, CA 93560
KERN COUNTY
ELECTRICAL DETAILS
6 OF 9
TRC


OFFICE # 2
OFFICE # 3
OFFICE # 4
OFFICE # 5
OFFICE # 6
CONFERENCE
CORRIDOR
OFFICE # 1
BREAK AREA
RR
STORAGE
KEYNOTES
1 BASE CABINET
2 UPPER CABINET
3 SINK
4 FULL HEIGHT REFFRIGERATOR
5 DOOR AWNING PROJECTION
6 FLOOR DRAIN
7 TOILET
8 LAVATORY
9 DOWNSPOUT LOCATION
JUN -10 -2025
FLOOR PLAN - BUILDING 1,2 AND 3 1/8"= 1'-0"
PERMIT PLAN SET NOT FOR CONSTRUCTION
PROFESSIONAL ENGINEER
DATE
EUISMOD PROJECT
0 170th STREET WEST
WILLOW SPRINGS, CA 93560
KERN COUNTY
BUILDING FLOOR PLAN
7 OF 9
TRC


KEYNOTES
1 FLOOR LINE
2 DOWNSPOUT LOCATION
3 PAC-CLAD METAL WALL PANEL SYSTEM (OR SIMILAR)
4 LINE INDICATES ROOF PROJECTION
5 GLASS
6 DOOR AWNING
7 METAL DOOR
8 EXTERIOR LIGHT FIXTURE
PARAPET
CEILING
F.F.
BUILDING 1, 2, 3 - RIGHT ELEVATION
BUILDING 1, 2, 3 - REAR ELEVATION
BUILDING 1, 2, 3 - LEFT ELEVATION
BUILDING 1, 2, 3 - FRONT ELEVATION
PERMIT PLAN SET NOT FOR CONSTRUCTION
BUILDING ELEVATIONS
8 OF 9
JUN-10-2025
TRC


SLIDING GATE OPENING (28' WIDE)
3 STRANDS SECURITY WIRE
REAR WHEEL ASSEMBLIES WITH BRACKETS
ROLLING GATE LATCH
PIPE TRACK BRACKETS
DOUBLE WHEEL CARRIER
1 ENTRANCE GATE DETAILS
(NTS)
ARMS TO SLOPE OUTWARD FROM FENCE LINE UNLESS OTHERWISE DIRECTED.
1'-0"
45°
EXTENSION ARMS TO BE RIGIDLY ATTACHED TO POST ARMS. ARMS WITH ADJUSTABLE ANGLE WILL NOT BE ACCEPTABLE.
2 TYPICAL EXTENSION ARM
(NTS)
3 STRANDS SECURITY WIRE
MALLEABLE IRON CAP
STEEL BRACE SAME FOR CORNER
FORK LATCH W/ LOCK
4'-0" PEDESTRIAN GATE
VEHICULAR GATE
TIES @ 12" CNTRS. NOT LESS THAN #9 GAGE
TYPICAL SECURITY WIRE EXTENSION ARM SEE DETAIL THIS SHEET
#7 GA. TENSION WIRE
CONTINUOUS TOP RAIL
GATE FRAME SEE TABLE
#9 GA. 2" MESH
TYP. BOTTOM GATE HINGE
3/8" DIA. TRUSS RODS WITH TURNBUCKLES
TYPICAL PLUNGER ROD AND CATCH BLOCK
GATE POST SEE TABLE
NOTE: ALL CONCRETE FOOTINGS SHALL BE CROWNED A MINIMUM 1" ABOVE THE EXISTING GROUND.
3 SECONDARY ACCESS GATE DETAILS
(NTS)
28'-0"
12'-0"
12'-0"
MINIMUM 2" ASPHALT CONCRETE, DECOMPOSED GRANITE, A.C. SHAVINGS, OR APPROVED EQUAL.
2%
2%
6" AGGREGATE BASE @ 95% RELATIVE COMPACTION
6" ORIGINAL GROUND COMPACTED TO 95% RELATIVE DENSITY
4 ASPHALT PAVEMENT ACCESS ROAD (CROWN)
(NTS)
28'-0"
12'-0"
12'-0"
MINIMUM 2" ASPHALT CONCRETE, DECOMPOSED GRANITE, A.C. SHAVINGS, OR APPROVED EQUAL.
2%
2%
6" AGGREGATE BASE @ 95% RELATIVE COMPACTION
6" ORIGINAL GROUND COMPACTED TO 95% RELATIVE DENSITY
4 ASPHALT PAVEMENT ACCESS ROAD (SLOPED)
(NTS)
6'-0"
DURABLE STEEL PLATE
7" BLACK COLOR LETTER
WHITE BACKGROUND
EUISMOD ENERGY STORAGE
0 170th Street West
3'-0"
NOTE: ADDRESS TO BE DETERMINED AND SIGN TO BE DURABLE STEEL, 2' X 6', FENCE-MOUNTED, CENTERED 6' ABOVE GROUND LEVEL, WITH BLACK LETTERING ON WHITE BACKGROUND.
6 PROJECT SIGN ELEVATION DETAILS
(NTS)
110'-0" - 200'-0"
10'-0"
30'-0"
10'-0"
GROUND LINE
7 EXAMPLE TIE-LINE POLE
(NTS)
SEAL
PERMIT PLAN SET NOT FOR CONSTRUCTION
PROFESSIONAL ENGINEER
DATE
NO. BY DATE REVISION APP'D
PROJECT
EUISMOD PROJECT
0 170th STREET WEST
WILLOW SPRINGS, CA 93560
KERN COUNTY
CASE NO.:
TITLE:
CIVIL DETAILS
DRAWN BY: TBR
CHECKED BY: DSI
APPROVED BY: BH
DATE: 11/6/25
PROJECT NO.: 32268
5 OF 9
TRC
5 Executive Circle
Suite 250
Irvine, CA 92614
Phone: 949.727.9336

2. Kern County Environmental Checklist Form

2.1 Environmental Factors Potentially Affected

In accordance with CEQA Guidelines, the County intends to prepare an EIR to evaluate potential environmental effects of the proposed project and to propose mitigation measures to reduce any significant effects identified.

The environmental factors checked below would be potentially affected by this proposed project, involving at least one impact that is a "potentially significant impact" as indicated by the Kern County Environmental Checklist. As such, the analysis contained within the EIR will focus on these environmental factors.

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

Other Environmental Issues

Kern 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 / Housing: The proposed project will not induce substantial unplanned population growth through the construction of new homes, roads, or other infrastructure nor displace housing units or people. Even though the proposed project would provide new employment consistent with the adopted Kern County General Plan goals, plan, and policies, long-term employment opportunities would be minimal. The proposed project would require an operational/maintenance staff of up to 12 employees, including 6 full-time and 6 part-time. It is estimated that up to 150 construction workers per day would be required during peak construction periods for the proposed project. The entire construction process is anticipated to take 2 years with work by various trades encompassing shorter durations. Therefore, the majority of project-generated construction jobs would be filled from the local and regional area workforce and would occur on a temporary and short-term basis.

Construction workers are expected to travel to the proposed project site from various local communities and locations throughout Southern California, and few, if any workers, are 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, recreational vehicle parks, homes for rent or sale) would be available in the nearby communities of Rosamond and California City. Therefore, the proposed project is not anticipated to directly or indirectly induce the development of any new housing or businesses within the local communities.

The proposed project is located on private land owned or leased by the project proponents, and no residents would be displaced as part of the proposed project. As such, it is not anticipated to displace existing housing that would necessitate the construction of replacement housing elsewhere.

Recreation: The Kern County General Plan does not identify any existing or proposed recreational facilities near the proposed project site. The proposed project would not increase the use of recreational facilities or require the construction or expansion of recreational facilities.

The proposed project itself does not include new recreational facilities and is not anticipated to increase demands on existing facilities. The number of workers needed during the construction phase would largely depend on the specific stage of construction and peak at approximately 150 workers. These workers are not likely to visit local parks or recreation facilities during the workday, and the workers who are relocating temporarily during construction would create little or no impact on local recreational resources after work hours.

Operations of the proposed project would require up to 12 full-time employees, but they would likely be drawn from the local labor force and would commute from their existing permanent residence to the proposed project site. However, even if the maintenance/monitoring employees were hired from out of the area and relocated to southeastern Kern County, the addition of any such families to the proposed 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, and therefore, no deterioration of any such facilities would occur or require the construction of new facilities as a result of project implementation.

2.2 Determination

(To be completed by the Lead Agency) Based on 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: Keith Alvidrez Date: 12/22/25

Printed Name: Keith Alvidrez Title: Planner III

AGENDA

KERN COUNTY PLANNING & NATURAL RESOURCES DEPARTMENT

Scoping Meeting

Kern County Public Services Building
2700 "M" Street, Public Meeting Room 1-A
Bakersfield, California 93301

Wednesday, January 14, 2026 – 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 as well. Each project will be presented by a staff member followed by public testimony to receive comments for the record. If you attend as a member of the public to address an item on the agenda, please let the presenting staff member know when public testimony begins on that item.

A. INTRODUCTION: Staff and meeting format

B. SCOPING MEETING:

Notice of Preparation
Euismod Energy Storage Project by Euismod Project, LLC. and Euismod Project, I LLC. (PP26401)
ZCC No. 22, Map 233; CUP No. 18, Map 233; CUP No. 19, Map 233; CUP No. 20, Map 233; CUP No. 21, Map 233; and ZV No. 10, Map 233.

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 Department or by calling the staff planner assigned to the proposed project listed above at (661) 862-5015 or by email at AlvidrezK@kerncounty.com. 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: January 7, 2026
KTA

SUBMIT WRITTEN COMMENTS ON THE NOP BY WEDNESDAY, JANUARY 21, 2026 AT 5:00 PM

Mail to:
Kern County Planning and Natural Resources Department
Attn: Keith Alvidrez, Planner III
2700 "M" Street, Suite 100
Bakersfield, CA 93301
Phone: (661) 862-5015, **Email:** AlvidrezK@kerncounty.com

Euismod Energy Storage Project by Euismod Project LLC and Euismod Project I LLC
January 14, 2026 - Scoping Meeting Sign-In Sheet

Name	Agency/Organization/Surrounding Property Owner	Contact Number & Email	Address (Only if interested to be on mailing list)
Sam Holing	Aypa Power	sholing@aypa.com	
Victoria Edwards	Aypa Power	vedwards@aypa.com	
Josh Taylor	WSRCC	JTAYLOR@WSCARPENTERSORG	

NOTE: Your name, address, and phone number become public information once you sign-in. However, signing in is voluntary. Under the Brown Act, "all persons may attend a meeting regardless of whether a person signs."

SUMMARY OF PROCEEDINGS

KERN COUNTY AGENCY SCOPING MEETING

Kern County Planning and Natural Resources Department
2700 M Street, Suite 100
Bakersfield, California

Conference Room 1A

Date January 14, 2026 1:30 PM

STAFF ATTENDANCE:
Keith Alvidrez, Supervising Planner
Mark Tolentino, Planner III

The meeting convened at 1:30 p.m. with introductions from Staff that were in attendance as well as outlining the purpose and procedures of the scoping meeting.

Notice of Preparation:

Euismod Energy Storage Project by Euismod Project, LLC. and Euismod Project, I LLC. (PP26401)

One (1) member of the public representing the Western States Regional Council of Carpenters and two (2) representatives from the applicant of the proposed project were present.

The member of the public representing the Western States Regional Council of Carpenters left prior to public testimony. As there were no members of the public present to speak at public testimony, the meeting was closed and adjourned at approximately 1:34 p.m.

Notes prepared by
Keith Alvidrez, Supervising Planner

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December 30, 2025

VIA ELECTRONIC MAIL

Keith Alvidrez
2700 M Street
Suite 100
Bakersfield, CA 93301

alvidrezk@kerncounty.com

Assessor Parcel Number(s): Multiple
Project Location Address: Northwest side of 170th Street West and Rosamond Boulevard intersection

PROJECT TITLE: Euismod Energy Storage Project by Euismod Project LLC and Euismod Project I, LLC

Public Resources Code (PRC) section 3208.1 establishes re-abandonment responsibility when previously plugged and abandoned oil, gas or geothermal wells 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 previously abandoned oil, gas, and geothermal wells.

The California Geologic Energy Management Division (CalGEM) has received the above-referenced project dated December 22, 2025. To assist local permitting agencies, property owners, and developers in making safe and practical land use decisions regarding potential development near oil, gas, or geothermal wells, CalGEM provides a table in the attached enclosure of the wells within the parcel boundary or in its vicinity, based on CalGEM's Well Finder database (https://maps.conservation.ca.gov/doggr/wellfinder/).

CalGEM 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 at the landowner's expense if there is a need to access a well. Maintaining sufficient access is considered the ability for a well servicing unit and associated necessary equipment (consisting of well servicing rig, pumping equipment, pipe trailer) 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. Impermeable barriers such as asphalt, concrete, and plastic may trap hazardous gases and liquids underneath and could create a safety hazard if built over a well that later develops a leak.

CalGEM recommends that any well for which access is impeded or built over, against CalGEM's advice, should be evaluated by a qualified petroleum professional for compliance with the statutory objectives of isolating all hydrocarbon-bearing strata; protecting underground and surface waters; prevention of subsequent damage to life, health, property, and other resources; and prevention of loss of oil, gas, or reservoir energy. CalGEM recommends that wells that do not meet these standards are abandoned or re-abandoned prior to construction. The well information can be accessed through CalGEM's Well Finder database mentioned above. PRC section 3208, subdivision (a), provides the primary statutory authority for CalGEM to oversee adequate abandonment of wells. Additionally, CalGEM has developed the regulatory guidance for operators to be followed during well abandonment, which are listed within California Code of Regulation, title 14 (CCR) section 1723 and associated sub-sections (for onshore wells), and section 1745 and associated sub-sections (for offshore wells).

There is no guarantee that a well abandoned in compliance with current Division requirements as prescribed by law will not start leaking in the future. Due to the inability to predict all subsurface conditions or changes, 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. CalGEM 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 guarantee that such abandoned wells will not leak.

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

PRC section 3208.1 gives CalGEM the authority to order or permit the re-abandonment of any well where it has reason to question the integrity of the previous abandonment. 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 re-abandonment 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 re-abandon the well and be responsible for the re-abandonment.

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 re-abandoned, or to follow the advice of the supervisor or district deputy not to undertake construction that impedes access, then the person or entity causing the construction over or near the well shall obtain all rights necessary to re-abandon the well and be responsible for the re-abandonment.

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 re-abandonment.

Should any wells require abandonment or re-abandonment, the responsible party must submit a Notice of Intention (NOI) to CalGEM through WellSTAR. The NOI form can be accessed in the 'Plugging and Abandonment' section of the following link: https://www.conservation.ca.gov/calgem/for_operators.

No well work may be performed on any oil, gas, or geothermal well without written approval from CalGEM. 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. CalGEM also regulates the top of a plugged and abandoned well's minimum and maximum depth below final grade. CCR section1723.5 states well casings shall be cut off at least 5 feet but no more than 10 feet below the surface of the ground. 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 CalGEM is required before work can start.

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

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, CalGEM recommends that information regarding the below 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. CalGEM 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 section 3106, CalGEM 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 CalGEM's authority to order work on wells pursuant to PRC sections 3208.1 and 3224, it has authority to issue civil and criminal penalties under PRC sections 3236, 3236.5, and 3359 for violations within CalGEM's jurisdictional authority. CalGEM does not regulate grading, excavations, or other land use issues.

Should you have any questions, or if any wells are encountered that were not part of this letter, contact CalGEM at (661) 322-4031 or via email at CalGEMCentralCSWR@conservation.ca.gov.

Sincerely,

Emilio Flores

Emilio Flores
Office Technician

Enclosure

Enclosure: The wells listed below are reported to be located within and nearby the parcel boundary and may have future access impeded.

Township, Range Section	API No.	Well Name
T9N, R15W, Section 14	No wells found	

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STATE OF CALIFORNIA Gavin Newsom, Governor

NATIVE AMERICAN HERITAGE COMMISSION

CHAIRPERSON
Reginald Pagaling
Chumash

VICE-CHAIRPERSON
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Vacant

EXECUTIVE SECRETARY
Andrew Alejandre
Paskenta Band of Nomlaki Indians

NAHC HEADQUARTERS
1550 Harbor Boulevard
Suite 100
West Sacramento,
California 95691
(916) 373-3710
nahc@nahc.ca.gov

December 18, 2025

Keith Alvidrez
Kern County Planning and Natural Resources Department
2700 M Street
Suite 100
Bakersfield CA 93301

Re: 2025120791 Euismod Energy Storage Project by Euismod Project LLC and Euismod Project I, LLC. Project, Kern County

Dear Mr. Alvidrez:

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: Mathew.Lin@NAHC.ca.gov.

Sincerely,

Mathew Lin

Mathew Lin
Cultural Resources Analyst

cc: State Clearinghouse

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Office Memorandum

January 14, 2026

To: Craig Murphy, Director
Planning and Natural Resources Department
Attn: Keith Alvidrez, Planner III

From: Cesar Ayon, Engineering Manager
Public Works Department/Development

Subject: Environmental Impact Report, Euismod Energy Storage Project
Location: The proposed project site is at the northern edge of the Antelope Valley, approximately eight miles west of the unincorporated area of Rosamond, approximately fifteen miles west of State Route 14, and six miles north of State Route 138. It is located on the northside of 170th Street West and Rosamond Boulevard intersection.

Development Review Division

This Department 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 Rodd Parke of this Division at (661) 862-8848.

Floodplain Management Division

Our section has reviewed the attached subject documents and has the following comments:

The runoff of storm water from the site will be increased due to the increase in impervious surface generated by the proposed development.

The subject property is subject to flooding.

Therefore, this section recommends the following be included as Conditions of Approval for this project:

The applicant shall provide a plan for the disposal of drainage waters originating on site and from adjacent road right-of-ways (if required), subject to approval of the Public Works Department, per the Kern County Development Standards.

Associated flood hazard requirements will need to be incorporated into the design of this project per the Kern County Floodplain Management Ordinance.

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 Department 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 Department 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.

KCSOS
Kern County Superintendent of Schools
Office of John G. Mendiburu, Ed.D. — Advocates For Children

RECEIVED
JAN 21 2026
Kern County Planning & Natural Resources Dept.

January 14, 2026

Kern County Planning Department
Attn: Keith Alvidrez, Planner III
2700 M Street, Suite 100
Bakersfield, CA 93301

Our File No.: CO26-0004

RE: DEVELOPER FEES FOR: Notice of Preparation of Draft EIR – Euismod Energy Storage Project; Map No. 233-14
(On the northwest side of 170th Street West and Rosamond Blvd. intersection)

Dear Mr. Alvidrez,

This office represents the Southern Kern Unified School District with regard to the imposition of school facility fees and appreciates the opportunity to respond on behalf of the district regarding the proposed project. This letter is limited to addressing the possible effects which the project might have on school facilities created by students attributable to the project. It is not intended to address other possible environmental concerns which might be identified by the district(s) after reviewing it.

It is our determination that the above-mentioned Notice of Preparation of a Draft Environmental Impact Report for the Euismod Energy Storage Project proposing Zone Changes from E (2 1/2) RS, E (5) RS, E (10) RS and E (20 RS) to A (Exclusive Agriculture) on approximately 115.29-acres, multiple Conditional Use Permits regarding construction and use of the facility, microwave communications towers, a Zone Variance and Nonsummary Vacation will not have significant effects on either of these district's facilities and mitigation of this project's impacts on public school facilities will be limited to the collection of statutory fees authorized under Education Code Section 17620 and Government Code Sections 65995 et seq. (all as amended with an operative date of November 4, 1998) at the time that building permits are issued. Currently, these fees are set at $0.84 per square foot, an amount subject to COLA adjustment every two years with 2026 being an adjustment year.

Thank you for the opportunity to comment on the project. Should you have any questions, or if we can be of any further assistance in this matter, please contact me at 636-4599, or through e-mail at anwatson@kern.org.

Sincerely,

Awatson

Andrea Watson, Specialist
School District Facility Services

Cc: Districts

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Eastern Kern
Air Pollution Control District

Gary Ray, Jr.
Air Pollution Control Officer

RECEIVED
JAN 28 2026
Kern County Planning &
Natural Resources Dept.

Keith Alvidrez, Planner III
Kern County Planning and Natural Resources Department
2700 "M" Street Suite 100
Bakersfield, CA 93301

SUBJECT: Comments for Notice of Preparation of a Draft Environmental Impact Report for Euismond Energy Storage Project (PP 26401)

Dear Mr. Alvidrez:

Eastern Kern Air Pollution Control District (District) is in receipt of the Notice of Preparation of a Draft Environmental Impact Report (DEIR) for the Euismond Energy Storage Project.

Projects that would disturb 10 or more contiguous acres are required to have the owner/operator submit a Fugitive Dust Emission Control Plan to the District for approval prior to commencing construction activities.

Stationary internal combustion engines, portable engines used to provide primary or supplemental power to a building, or portable engines that remain at one site for more than 12 consecutive months require a Permit to Operate from the District if they are rated greater than 50-bhp. Gasoline storage tanks with a capacity greater than 250-gallons also require a Permit to Operate from the District.

Thank you for your cooperation in this matter. Should you have any questions, please telephone Samuel Johnson our office at (661) 862-5250.

Sincerely,

Gary Ray, Jr.

Gary Ray, Jr.
Air Pollution Control Officer

GR:VM

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KERN COUNTY
Planning & Natural Resources

OFFICE MEMORANDUM

TO: Distribution List – PLEASE SIGN AND DATE BELOW AS SOON AS RECEIVED AND RETURN TO THE PLANNING & NATURAL RESOURCES DEPARTMENT BEFORE JANURARY 21ST, 2026

FROM: Keith Alvidrez, Planner III
Planning & Natural Resources Department

DATE: December 22, 2025

SUBJECT: Notice of Preparation (NOP) – Euismod Energy Storage Project by Euismod Project LLC and Euismod Project I, LLC. (PP26401)

Enclosed is notification with a link to access the NOP for the above referenced proposed project. The Kern County Planning and Natural Resources Department, as Lead Agency (per CEQA Guidelines Section 15050), solicits your comments regarding the scope and content of the environmental information for the proposed project and the upcoming Environmental Impact Report (EIR).

The public review period for the NOP is 30 days (Per CEQA Guidelines Section 15082), which ends on **Wednesday, January 21st, 2026 at 5:00 pm.** Please submit your agency comments by that date and addressed to Keith Alvidrez, Planner III at the Planning and Natural Resources Department. A scoping meeting will be held at the Planning and Natural Resources Department (Public Services Building) on **Wednesday, January 14th, at 1:30 p.m.** for an overview of the CEQA process as well as the proposed project, and to receive comments for the preparation of the EIR.

In order to verify that this document was received by your department, **please date and sign this memo** and return by office mail to the Planning and Natural Resources Department, Attn: Keith Alvidrez. Thank you in advance for your cooperation.

Distribution List (Kern County):

Administrative Office
PWD – Building & Development – Floodplain
PWD – Building & Development – Survey
Environmental Health Services
Fire Department – Aaron Duncan
Library/Beale – Local History Room
Library Director – Andie Sullivan
Parks and Recreation
Sheriff Department – Administration
PWD – Building & Development – Development Review
PWD – Operations & Maintenance – Regulatory Monitoring & Reporting
East Kern Air Pollution Control District

Department: Fire Department **Name:** Kaylee N Schoenbucle **Date:** 01/08/25

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Kern County Fire Department
Energy Storage System Review Guide Sheet

EXTRACTS ONLY: SEE COMPLETE CFC and NFPA 855 FOR DETAILS

Project Name: _____

Location: _____

Date: _____

Reviewer: _____

Administrative

SECTION 101
SCOPE AND GENERAL REQUIREMENTS

[A] 101.2 Scope. This code establishes regulations affecting or relating to structures, processes, premises and safeguards regarding all of the following:

1. The hazard of fire and explosion arising from the storage, handling or use of structures, materials or devices.

2. Conditions hazardous to life, property or public welfare in the occupancy of structures or premises.

3. Fire hazards in the structure or on the premises from occupancy or operation.

4. Matters related to the construction, extension, repair, alteration or removal of fire protection systems.

5. Conditions affecting the safety of fire fighters and emergency responders during emergency operations.

[A] 101.3 Purpose. The purpose of this code is to establish the minimum requirements consistent with nationally recognized good practice for providing a reasonable level of life safety and property protection from the hazards of fire, explosion or dangerous conditions in new and existing buildings, structures and premises, and to provide a reasonable level of safety to fire fighters and emergency responders during emergency operations.

SECTION 102
APPLICABILITY

[A] 102.1 Construction and design provisions. The construction and design provisions of this code shall apply to:

1. Structures, facilities and conditions arising after the adoption of this code.

4. Existing structures, facilities and conditions that, in the opinion of the fire code official, constitute a distinct hazard to life or property.

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[A] 102.7 Referenced codes and standards.
The codes and standards referenced in this code shall be those that are listed in Chapter 80, and such codes and standards shall be considered to be part of the requirements of this code to the prescribed extent of each such reference and as further regulated in Sections 102.7.1 and 102.7.2.

[A] 102.7.1 Conflicts.
Where conflicts occur between provisions of this code and referenced codes and standards, the provisions of this code shall apply.

[A] 102.7.2 Provisions in referenced codes and standards.
Where the extent of the reference to a referenced code or standard includes subject matter that is within the scope of this code, the provisions of this code, as applicable, shall take precedence over the provisions in the referenced code or standard.

[A] 102.8 Subjects not regulated by this code. Where applicable standards or requirements are not set forth in this code, or are contained within other laws, codes, regulations, ordinances or bylaws adopted by the jurisdiction, compliance with applicable standards of the National Fire Protection Association or other nationally recognized fire safety standards, as approved, shall be deemed as prima facie evidence of compliance with the intent of this code. Nothing herein shall derogate from the authority of the fire code official to determine compliance with codes or standards for those activities or installations within the fire code official's jurisdiction or responsibility.

[A] 102.9 Matters not provided for. Requirements that are essential for the public safety of an existing or proposed activity, building or structure, or for the safety of the occupants thereof, that are not specifically provided for by this code, shall be determined by the fire code official.

[A] 102.10 Conflicting provisions.
Where there is a conflict between a general requirement and a specific requirement, the specific requirement shall be applicable. Where, in a specific case, different sections of this code specify different materials, methods of construction or other requirements, the most restrictive shall govern.

SECTION 104
DUTIES AND POWERS OF THE FIRE CODE OFFICIAL

[A] 104.1 General. The fire code official is hereby authorized to enforce the provisions of this code. The fire code official shall have the authority to render interpretations of this code and to adopt policies, procedures, rules and regulations in order to clarify the application of its provisions. Such interpretations, policies, procedures, rules and regulations shall be in compliance with the intent and purpose of this code. Such policies, procedures, rules and regulations shall not have the effect of waiving requirements specifically provided for in this code.

[A] 104.8 Approved materials and equipment. Materials, equipment and devices approved by the fire code official shall be constructed and installed in accordance with such approval.

[A] 104.8.1 Material and equipment reuse. Materials, equipment and devices shall not be reused or reinstalled unless such elements have been reconditioned, tested and placed in good and proper working condition and approved.

[A] 104.8.2 Technical assistance. To determine the acceptability of technologies, processes, products, facilities, materials and uses attending the design, operation or use of a building or premises subject to inspection by the fire code official, the fire code official is authorized to require the owner or owner's authorized agent to provide, without charge to the jurisdiction, a

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technical opinion and report. The opinion and report shall be prepared by a qualified engineer, specialist, laboratory or fire safety specialty organization acceptable to the fire code official and shall analyze the fire safety properties of the design, operation or use of the building or premises and the facilities and appurtenances situated thereon, to recommend necessary changes. The fire code official is authorized to require design submittals to be prepared by, and bear the stamp of, a registered design professional.

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Chapter 2
Definitions

SECTION 202
GENERAL DEFINITIONS

ENERGY *STORAGE* MANAGEMENT SYSTEMS. An electronic system that protects *energy* storage *systems* from operating outside their safe operating parameters and *disconnects electrical power to the ESS or places it in a safe condition if potentially hazardous temperatures or other conditions are detected.*

ENERGY STORAGE SYSTEM (ESS). *One or more devices, assembled together, capable of storing energy in order to supply electrical energy at a future time.*

ENERGY STORAGE SYSTEM, ELECTROCHEMICAL. *An energy storage system that stores energy and produces electricity using chemical reactions. It includes, among others, battery ESS and capacitor ESS.*

ENERGY STORAGE SYSTEM, MOBILE. *An energy storage system capable of being moved and utilized for temporary energy storage applications, and not installed as fixed or stationary electrical equipment. The system can include integral wheels for transportation, or be loaded on a trailer and unloaded for charging, storage and deployment.*

ENERGY STORAGE SYSTEM, STATIONARY. *An energy storage system installed as fixed or stationary electrical equipment in a permanent location.*

ENERGY STORAGE SYSTEM, WALK-IN UNIT. *A prefabricated building that contains energy storage systems. It includes doors that provide walk-in access for personnel to maintain, test and service the equipment, and is typically used in outdoor and mobile ESS applications.*
(If more than just your arms can enter it is a walk-in unit. Design appropriately)

ENERGY STORAGE SYSTEM CABINET. *A cabinet containing components of the energy storage system that is included in the UL 9540 listing for the system. Personnel are not able to enter the enclosure, other than reaching in to access components for maintenance purposes.*
(No more than arms reach entry)

ENERGY STORAGE SYSTEM COMMISSIONING. *A systematic process that provides documented confirmation that an energy storage system functions according to the intended design criteria and complies with applicable code requirements.*

ENERGY STORAGE SYSTEM DECOMMISSIONING. *A systematic process that provides documentation and procedures that allow an energy storage system to be safely de-energized, disassembled, readied for shipment or storage, and removed from the premise in accordance with applicable code requirements.*

OCCUPANCY CLASSIFICATION. For the purposes of this code, certain occupancies are defined as follows:

> **[BG] Factory Industrial F-1 Moderate-hazard occupancy.**
> (other examples remain unchanged)
>
> *Energy storage systems (ESS) in dedicated use buildings*

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Permits Required

SECTION 105
PERMITS

[A] 105.1 General. Permits shall be in accordance with Sections 105.1.1 through 105.7.25.

[A] 105.1.1 Permits required. A property owner or owner's authorized agent who intends to conduct an operation or business, or install or modify systems and equipment that are regulated by this code, or to cause any such work to be performed, shall first make application to the fire code official and obtain the required permit.

[A] 105.6 Required construction permits. The fire code official is authorized to issue construction permits for work as set forth in Sections 105.7.1 through 105.7.25.

☐ **105.6.5 Energy storage systems.** A construction permit is required to install energy storage systems regulated by Section 1207.

☐ **[A]105.6.9 Fuel cell power systems.** A construction permit is required to install stationary fuel cell power systems..

1207 ESS
1207.1General.
The provisions in this section are applicable to stationary and mobile electrical energy storage systems (ESS).

Exception:
ESS in Group R-3 and R-4 occupancies shall comply with Section 1207.11.

1207.1.1Scope.
ESS having capacities exceeding the values shown in Table 1207.1.1 shall comply with this section.

TABLE 1207.1.1
ENERGY STORAGE SYSTEM (ESS) THRESHOLD QUANTITIES

TECHNOLOGY	ENERGY CAPACITY[a]
Capacitor ESS	3 kWh
Flow batteries[b]	20 kWh
Lead-acid batteries, all types	70 kWh[c]
Lithium-ion batteries	20 kWh
Nickel metal hydride (Ni-MH)	70 kWh
Nickel-cadmium batteries (Ni-Cd)	70 kWh
Other battery technologies	10 kWh
Other electrochemical ESS technologies	3 kWh

For SI: 1 kilowatt hour = 3.6 megajoules.

a. Energy capacity is the total energy capable of being stored (nameplate rating), not the usable energy rating. For units rated in amp-hours, kWh shall equal rated voltage times amp-hour rating divided by 1,000.

b. Shall include vanadium, zinc-bromine, polysulfide-bromide and other flowing electrolyte-type technologies.

c. Fifty gallons of lead-acid battery electrolyte shall be considered equivalent to 70 kWh.

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1207.1.2Permits.
Permits shall be obtained for ESS as follows:

1. Construction permits shall be obtained for stationary ESS installations and for mobile ESS charging and storage installations covered by Section 1207.10.1. Permits shall be obtained in accordance with Section 105.6.5.

901 Fire Protection Generally

901.3 Permits. Permits shall be required as set forth in Sections 105.5 and 105.6.

☐ **[A] 105.6.1 Automatic fire-extinguishing systems.** A construction permit is required for installation of or modification to an automatic fire-extinguishing system. Maintenance performed in accordance with this code is not considered to be a modification and does not require a permit.

☐ **[A] 105.6.6 Fire alarm and detection systems and related equipment**. A construction permit is required for installation of or modification to fire alarm and detection systems and related equipment. Maintenance performed in accordance with this code is not considered to be a modification and does not require a construction permit.

☐ **[A] 105.6.7 Fire pumps and related equipment.** A construction permit is required for installation of or modification to fire pumps and related fuel tanks, jockey pumps, controllers and generators. Maintenance performed in accordance with this code is not considered to be a modification and does not require a construction permit.

☐ **[A] 105.6.18 Private fire hydrants.** A construction permit is required for the installation or modification of private fire hydrants. Maintenance performed in accordance with this code is not considered to be a modification and does not require a permit.

916 Gas Detection

916.2 Permits. Permits shall be required as set forth in Section 105.7.11.

☐ **[A] 105.6.10 Gas detection systems**. A construction permit is required for the installation of or modification to gas detection systems. Maintenance performed in accordance with this code is not considered a modification and shall not require a permit.

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Documentation Generally

Section 106 Construction documents.

[A]106.1Submittals.
Construction documents and supporting data shall be submitted in two or more sets with each application for a permit and in such form and detail as required by the fire code official. The construction documents shall be prepared by a registered design professional where required by the statutes of the jurisdiction in which the project is to be constructed.

☐ **[A] 106.2.1 Information on construction documents.**
Construction documents shall be drawn to scale on suitable material. Documents in a digital format are allowed to be submitted where approved by the fire code official. Construction documents shall be of sufficient clarity to indicate the location, nature and extent of the work proposed and show in detail that it will conform to the provisions of this code and relevant laws, ordinances, rules and regulations as determined by the fire code official.

[A] 106.2.2 Fire protection system shop drawings.
Shop drawings for the fire protection system(s) shall be submitted to indicate compliance with this code and the construction documents, and shall be approved prior to the start of installation. Shop drawings shall contain all information as required by the referenced installation standards in Chapter 9..

[A] 106.2.3 Applicant responsibility.
It shall be the responsibility of the applicant to ensure that the construction documents include all of the fire protection requirements and the shop drawings are complete and in compliance with the applicable codes and standards..

[A] 106.2.4Approved documents.
Construction documents approved by the fire code official are approved with the intent that such construction documents comply in all respects with this code. Review and approval by the fire code official shall not relieve the applicant of the responsibility of compliance with this code..

SECTION1207
ELECTRICAL ENERGY STORAGE SYSTEMS (ESS)

1201.1 Scope. The provisions of this chapter shall apply to the installation, operation, maintenance, repair, retrofitting, testing, commissioning and decommissioning of energy systems used for generating or storing energy. It shall not apply to equipment associated with the generation, control, transformation, transmission, or distribution of energy installations that is under the exclusive control of an electric utility or lawfully designated agency. Energy storage systems regulated by Section 1207 shall comply with this chapter and NFPA 855.

(Ord. No. G-9179, § 12, 11-8-22)

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ESS Specific Documentation

☐ **1207.1.3 Construction documents.** The following information shall be provided with the permit application:

1. Location and layout diagram of the room or area in which the ESS is to be installed.

2. Details on the hourly fire-resistance ratings of assemblies enclosing the ESS.

3. The quantities and types of ESS to be installed.

4. Manufacturer's specifications, ratings and listings of each ESS.
(Listings are key safety documentation to be included in the initial submittal.)

5. Description of energy (battery) management systems and their operation.

6. Location and content of required signage.

7. Details on fire suppression, smoke or fire detection, thermal management, ventilation, exhaust and deflagration venting systems, if provided.

8. Support arrangement associated with the installation, including any required seismic restraint.

9. A commissioning plan complying with 1207.2.1.

10. A decommissioning plan complying with 1207.2.3.

+ 11. Site Plan with layout diagram of the cabinets, non-walk-in enclosures or walk-in enclosures in which the energy storage system is to be installed

+12. Size, location, distance between units, distance to exposures

+ 13. Fire Apparatus access

+ 14. Fire protection water supply, (hydrants, piping layout, water source)

NFPA 855

4.2.1.3
The following test data, evaluation information, and calculations shall be provided in addition to the plans and specifications in 4.2.1.1 where required elsewhere in this standard:

(1) Fire and explosion testing data in accordance with 9.1.5

(2) Hazard mitigation analysis (HMA) in accordance with Section 4.4

(3) Calculations or modeling data to determine compliance with NFPA 68 and NFPA 69 in accordance with 9.6.5.6.3

(4) Other test data, evaluation information, or calculations as required elsewhere in this standard

4.2.1.4
If modeling data is provided, validation of the modeling results shall also be included.

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☐ **1207.1.4 Hazard mitigation analysis.** A failure modes and effects analysis (FMEA) or other approved hazard mitigation analysis shall be provided in accordance with Section 104.8.2 under any of the following conditions:

1. Where ESS technologies not specifically identified in Table 1207.1 are provided.

2. More than one ESS technology is provided in a room or enclosed area where there is a potential for adverse interaction between technologies.

3. Where allowed as a basis for increasing maximum allowable quantities. See Section 1207.5.2.

+ Note: A HMA or Fire Risk Analysis prepared by an FPE will be required in all cases.

1207.1.4.1 Fault condition. The hazard mitigation analysis shall evaluate the consequences of the following failure modes. Only single failure modes shall be considered.

1. A thermal runaway condition in a single ESS rack, module or unit.

2. Failure of any battery (energy) management system.

3. Failure of any required ventilation or exhaust system.

4. Voltage surges on the primary electric supply.

5. Short circuits on the load side of the ESS.

6. Failure of the smoke detection, fire detection, fire suppression, or gas detection system.

7. Required spill neutralization not being provided or failure of a required secondary containment system.

1207.1.4.2 Analysis approval. The fire code official is authorized to approve the hazardous mitigation analysis provided the consequences of the hazard mitigation analysis demonstrate:

☐ 1. Fires will be contained within unoccupied ESS rooms or areas for the minimum duration of the fire-resistance rated separations identified in Section 1207.7.4.

☐ 2. Fires in occupied work centers will be detected in time to allow occupants within the room or area to safely evacuate.

☐ 3. Toxic and highly toxic gases released during fires will not reach concentrations in excess of IDLH level in the building or adjacent means of egress routes during the time deemed necessary to evacuate occupants from any affected area.

☐ 4. Flammable gases released from ESS during charging, discharging and normal operation will not exceed 25 percent of their lower flammability limit (LFL).

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☐ 5. Flammable gases released from ESS during fire, overcharging and other abnormal conditions will be controlled through the use of ventilation of the gases preventing accumulation or by deflagration venting.

☐ **1207.1.4.3 Additional protection measures.** Construction, equipment and systems that are required for the ESS to comply with the hazardous mitigation analysis, including but not limited to those specifically described in Section 1207 shall be installed, maintained and tested in accordance with nationally recognized standards and specified design parameters.

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Commissioning, decommissioning

1207.2 Commissioning, decommissioning, operation and maintenance. Commissioning, decommissioning, operation and maintenance shall be conducted in accordance with this section.

☐ **1207.2.1 Commissioning.** Commissioning of newly installed ESS, and existing ESS that have been retrofitted, replaced or previously decommissioned and are returning to service shall be conducted prior to the ESS being placed in service in accordance with a commissioning plan that has been approved prior to initiating commissioning. The commissioning plan shall include the following:

1. A narrative description of the activities that will be accomplished during each phase of commissioning including the personnel intended to accomplish each of the activities.

2. A listing of the specific ESS and associated components, controls and safety related devices to be tested, a description of the tests to be performed and the functions to be tested.

3. Conditions under which all testing will be performed, which are representative of the conditions during normal operation of the system.

4. Documentation of the owner's project requirements and the basis of design necessary to understand the installation and operation of the ESS.

5. Verification that required equipment and systems are installed in accordance with the approved plans and specifications.

6. Integrated testing for all fire and safety systems.

7. Testing for any required thermal management, ventilation or exhaust systems associated with the ESS installation.

8. Preparation and delivery of operation and maintenance documentation.

9. Training of facility operating and maintenance staff.

10. Identification and documentation of the requirements for maintaining system performance to meet the original design intent during the operation phase.

11. Identification and documentation of personnel who are qualified to service, maintain and decommission the ESS, and respond to incidents involving the ESS, including documentation that such service has been contracted for.

12. A decommissioning plan for removing the ESS from service, and from the facility in which it is located. The plan shall include details on providing a safe, orderly shutdown of energy storage and safety systems with notification to the code officials prior to the actual decommissioning of the system. The decommissioning plan shall include contingencies for removing an intact operational ESS from service, and for removing an ESS from service that has been damaged by a fire or another event.

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Exception: Commissioning shall not be required for lead acid and nickel cadmium battery systems at facilities under the exclusive control of communications utilities that comply with NFPA 76 and operate at less than 50 VAC and 60 VDC. However, a decommissioning plan shall be provided and maintained when required by the fire code official.

1207.2.1.1 Initial acceptance testing. During the commissioning process an ESS shall be evaluated for proper operation in accordance with the manufacturer's instructions and the commissioning plan prior to final approval.

1207.2.1.2 Commissioning report. A report describing the results of the system commissioning and including the results of the initial acceptance testing required in Section 1206.2.1.1 shall be provided to code official prior to final inspection and approval and maintained at an approved on-site location.

☐ **1207.2.3 Decommissioning.** The code official shall be notified prior to decommissioning of an ESS. Decommissioning shall be performed in accordance with the decommissioning plan that includes the following:

1 A narrative description of the activities to be accomplished for removing the ESS from service, and from the facility in which it is located.

2. A listing of any contingencies for removing an intact operational ESS from service, and for removing an ESS from service that has been damaged by a fire or another event.

Considerations that should be included in the decommissioning plan would include but not be limited to the following:

(1) An overview of the decommissioning process developed specifically for the ESS that is to be decommissioned.
(2) Roles and responsibilities for all those involved in the decommissioning of the ESS and their removal from the site.
(3) Means and methods in the decommissioning plan submitted during the permitting process to be made available at a point in time corresponding to the decision to decommission the ESS.
(4) Plans and specifications necessary to understand the ESS and all associated operational controls and safety systems, as built, operated, and maintained.
(5) A detailed description of each activity to be conducted during the decommissioning process and who will perform that activity and at what point in time.
(6) Procedures to be used in documenting the ESS and all associated operational controls and safety systems that have been decommissioned.
(7) Guidelines and format for a decommissioning checklist and relevant operational testing forms and necessary decommissioning logs and progress reports
(8) A description of how any changes to the surrounding areas and other systems adjacent to the ESS, including, but not limited to, structural elements, building penetrations, means of egress, and required fire detection and suppression systems, will be protected during decommissioning and confirmed as being acceptable after the system is removed.

Source: NFPA 855

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Large-Scale Fire Testing

☐ **1207.1.5 Large scale fire test.** Where required elsewhere in Section 1207, large-scale fire testing shall be conducted on a representative ESS in accordance with UL 9540A. The testing shall be conducted or witnessed and reported by an approved testing laboratory and show that a fire involving one ESS will not propagate to an adjacent ESS, and where installed within buildings, enclosed areas and walk-in units will be contained within the room, enclosed area or walk-in unit for a duration equal to the fire-resistance rating of the room separation specified in Section 1207.7.4. The test report shall be provided to the fire code official for review and approval in accordance with Section 104.8.2.

1207.5.1 Size and separation. Electrochemical ESS shall be segregated into groups not exceeding 50 kWh (180 megajoules). Each group shall be separated a minimum of 3 feet (914 mm) from other groups and from walls in the storage room or area. The storage arrangements shall comply with Chapter 10.

Exceptions:

1. Lead acid and nickel cadmium battery systems in facilities under the exclusive control of communications utilities and operating at less than 50 VAC and 60 VDC in accordance with NFPA 76.

2. The fire code official is authorized to approve larger capacities or smaller separation distances based on large scale fire testing complying with Section 1207.1.5.

1207.5.2 Maximum allowable quantities. Fire areas within rooms, areas and walk-in units containing electrochemical ESS shall not exceed the maximum allowable quantities in Table 1207.5.

Exceptions:

1. Where approved by the fire code official, rooms, areas and walk in units containing electrochemical ESS that exceed the amounts in Table 1207.5 shall be permitted based on a hazardous mitigation analysis in accordance with Section 1207.1.4 and large scale fire testing complying with Section 1207.1.5.

2. Lead-acid and nickel cadmium battery systems installed in facilities under the exclusive control of communications utilities, and operating at less than 50 VAC and 60 VDC in accordance with NFPA 76.

3. Dedicated use buildings in compliance with Section 1207.7.1.

1207.5.2.1 Mixed electrochemical energy systems. Where rooms, areas and walk-in units contain different types of electrochemical energy technologies, the total aggregate quantities of the systems shall be determined based on the sum of percentages of each technology type quantity divided by the maximum allowable quantity of each technology type. The sum of the percentages shall not exceed 100 percent of the maximum allowable quantity.

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TABLE 1207.5
MAXIMUM ALLOWABLE QUANTITIES OF ELECTROCHEMICAL ESS

TECHNOLOGY	MAXIMUM ALLOWABLE QUANTITIES[a]
STORAGE BATTERIES	
Flow batteries[b]	600 kWh
Lead-acid, all types	Unlimited
Lithium-ion	600 kWh
Nickel metal hydride (Ni-MH)	Unlimited
Nickel-cadmium (Ni-Cd)	Unlimited
Other battery technologies	200 kWh
CAPACITORS	
All types	20 kWh
OTHER ELECTROCHEMICAL ESS	
All types	20 kWh

a. For electrochemical ESS units rated in amp-hours, kWh shall equal rated voltage times the amp-hour rating divided by 1,000.
b. Shall include vanadium, zinc-bromine, polysulfide-bromide and other flowing electrolyte-type technologies.

+ Note

☐ **Deflagration Analysis**

Large sale testing is required for the generation of data necessary for deflagration analysis and explosion prevention whether the installation is in a room, cabinet or enclosure. May be part of the HMA.

1207.6.3 Explosion control.
Where required by Table 1207.6 or elsewhere in this code, explosion control complying with Section 911 shall be provided for rooms, areas or walk-in units containing electrochemical ESS technologies.

Exceptions:

1. Where approved, explosion control is permitted to be waived by the fire code official based on large-scale fire testing complying with Section 1207.1.5 that demonstrates that flammable gases are not liberated from electrochemical ESS cells or modules where tested in accordance with UL 9540A.

2. Where approved, explosion control is permitted to be waived by the fire code official based on documentation provided in accordance with Section 104.7 that demonstrates that the electrochemical ESS technology to be used does not have the potential to release flammable gas concentrations in excess of 25 percent of the LFL anywhere in the room, area, walk-in unit or structure under thermal runaway or other fault conditions.

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TABLE 911.1
EXPLOSION CONTROL REQUIREMENTS[f]

MATERIAL	CLASS	EXPLOSION CONTROL METHODS	
		Barricade construction	Explosion (deflagration) venting or explosion (deflagration) prevention systems
Hazard Category			
Combustible dusts[a]	—	Not required	Required
Cryogenic fluids	Flammable	Not required	Required
Explosives	Division 1.1	Required	Not required
	Division 1.2	Required	Not required
	Division 1.3	Not required	Required
	Division 1.4	Not required	Required
	Division 1.5	Required	Not required
	Division 1.6	Required	Not required
Flammable gas	Gaseous	Not required	Required
	Liquefied	Not required	Required
Flammable liquids	IA[b]	Not required	Required
	IB[c]	Not required	Required
Organic peroxides	Unclassified detonable	Required	Not permitted
	I	Required	Not permitted
Oxidizer liquids and solids	4	Required	Not permitted
Pyrophoric	Gases	Not required	Required
Unstable (reactive)	4	Required	Not permitted
	3 detonable	Required	Not permitted
	3 nondetonable	Not required	Required
Water-reactive liquids and solids	3	Not required	Required
	2[e]	Not required	Required
Special Uses			
Acetylene generator rooms	—	Not required	Required
Electrochemical energy storage systems[g]	—	Not required	Required
Energy storage systems[g]	—	Not required	Required
Grain processing	—	Not required	Required
Liquefied petroleum gas distribution facilities	—	Not required	Required
Where explosion hazards exist[d]	Detonation	Required	Not permitted
	Deflagration	Not required	Required

a. Combustible dusts where manufactured, generated or used in such a manner that the concentration and conditions create a fire or explosion hazard based on information prepared in accordance with Section 104.8.2. See definition of "Combustible dust" in Chapter 2.
b. Storage or use.
c. In open use or dispensing.
d. Rooms containing dispensing and use of hazardous materials where an explosive environment can occur because of the characteristics or nature of the hazardous materials or as a result of the dispensing or use process.
e. A method of explosion control shall be provided where Class 2 water-reactive materials can form potentially explosive mixtures.
f. Explosion venting is not required for Group H-5 Fabrication Areas complying with Chapter 27 and the *California Building Code*.
g. Where explosion control is required in Section 1207.6.3.

TABLE 1207.6
ELECTROCHEMICAL ESS TECHNOLOGY-SPECIFIC REQUIREMENTS

COMPLIANCE REQUIRED[b]		BATTERY TECHNOLOGY				OTHER ESS AND BATTERY TECHNOLOGIES[b]	CAPACITOR ESS[b]
Feature	Section	Lead-acid	Ni-Cd and Ni-MH	Lithium-ion	Flow		
Exhaust ventilation	1207.6.1	Yes	Yes	No	Yes	Yes	Yes
Explosion control	1207.6.3	Yes[a]	Yes[a]	Yes	No	Yes	Yes
Safety caps	1207.6.4	Yes	Yes	No	No	Yes	Yes
Spill control and neutralization	1207.6.2	Yes[c]	Yes[c]	No	Yes	Yes	Yes
Thermal runaway	1207.6.5	Yes[d]	Yes	Yes[e]	No	Yes[e]	Yes

a. Not required for lead-acid and nickel-cadmium batteries at facilities under the exclusive control of communications utilities that comply with NFPA 76 and operate at less than 50 VAC and 60 VDC.
b. Protection shall be provided unless documentation acceptable to the fire code official is provided in accordance with Section 104.8.2 that provides justification why the protection is not necessary based on the technology used.
c. Applicable to vented-type (i.e., flooded) nickel-cadmium and lead-acid batteries.
d. Not required for vented-type (i.e., flooded) lead-acid batteries.
e. The thermal runaway protection is permitted to be part of a battery management system that has been evaluated with the battery as part of the evaluation to UL 1973.

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Operation and maintenance (submission prior to final approval)

☐ **1207.2.2 Operation and maintenance.**-An operating and maintenance manual shall be provided to both the ESS owner or their authorized agent and the ESS operator before the ESS is put into operation and shall include the following:

1. Manufacturer's operation manuals and maintenance manuals for the entire ESS or for each component of the system requiring maintenance, that clearly identify the required routine maintenance actions.

2. Name, address and phone number of a service agency that has been contracted to service the ESS and its associated safety systems.

3. Maintenance and calibration information, including wiring diagrams, control drawings, schematics, system programming instructions and control sequence descriptions, for all energy storage control systems.

4. Desired or field-determined control set points that are permanently recorded on control drawings at control devices or, for digital control systems, in system programming instructions.

5. A schedule for inspecting and recalibrating all ESS controls.

6. A service record log form that lists the schedule for all required servicing and maintenance actions and space for logging such actions that are completed over time and retained on site.

The ESS shall be operated and maintained in accordance with the manual and a copy of the manual shall be retained at an approved onsite location.

NFPA 855

7.1.2 The operation and maintenance documentation shall include the following:

(1) Procedures for the safe startup of the ESS system and associated equipment

(2) Procedures for inspection and testing of associated alarms, interlocks, and controls

(3) Procedures for maintenance and operation of the following, where applicable:

(a) Energy storage management systems (ESMS)

(b) Fire protection equipment and systems

(c) Spill control and neutralization systems

(d) Exhaust and ventilation equipment and systems

(e) Gas detection systems

(f) Other required safety equipment and systems

(4) Response considerations similar to a safety data sheet (SDS) that address response safety concerns and extinguishment where an SDS is not required

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(5)* An instruction that equipment or system changes to the installation are required to be recorded by updating any engineering documentation

1207.2.2.1 Ongoing inspection and testing. Systems that monitor and protect the ESS installation shall be inspected and tested in accordance with the manufacturer's instructions and the operating and maintenance manual. Inspection and testing records shall be maintained in the operation and maintenance manual.

NFPA 855-2023

7.2 * System Maintenance. The ESS shall be maintained in accordance with the system manufacturer's instructions.

7.2.1 The maintenance documentation shall include a detailed maintenance schedule covering all affected equipment and the activities to be performed.

7.2.2 Maintenance shall be performed by qualified individuals.

7.2.3 Maintenance documentation indicating the maintenance action taken, the date of the action, who implemented the action, and the results associated with the action shall be maintained as required by Section 6.3.

7.2.4 Maintenance documentation shall record information on any repair, renewal, or renovation made to the ESS.

7.2.5 Training. Training shall be provided to all those responsible for system operation and maintenance.

7.2.5.1 Training on system operation and maintenance shall be provided by the system owner or their designated agent.

7.2.5.2 After recommissioning the system, training on any changes to the operation and maintenance documentation shall be provided.

7.2.5.3 Training records of site operations and maintenance personnel shall be retained and accessible to the AHJ, indicating the training taken, the name(s) of those taking the training, and the training date.

7.3 System Testing. 7.3.1 System testing shall be performed when required by the operating instructions or maintenance documentation in accordance with testing procedures provided by the ESS manufacturer.

7.3.2 A record of all testing shall be maintained in accordance with the requirements in Section 6.3.

7.3.2.1 Testing records shall be permitted to be made available electronically.

☐ **105.5.14Energy storage systems.** An operational permit is required for stationary and mobile energy storage systems regulated by Section 1207.

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☐ Emergency Action Plan

+ Note: An Emergency action plan will be required in all cases both during construction and operation after final approval. Fire remediation may be written into that plan.

1207.1.6 Fire remediation. Where a fire or other event has damaged the ESS and ignition or re-ignition of the ESS is possible, the system owner, agent, or lessee shall take the following actions, at their expense, to mitigate the hazard or remove damaged equipment from the premises to a safe location.

1207.1.6.1 Fire mitigation personnel. Where, in the opinion of the fire code official, it is essential for public safety that trained personnel be on site to respond to possible ignition or re-ignition of a damaged ESS, the system owner, agent or lessee shall immediately dispatch one or more fire mitigation personnel to the premise, as required and approved, at their expense. These personnel shall remain on duty continuously after the fire department leaves the premise until the damaged energy storage equipment is removed from the premises, or earlier if the fire code official indicates the public safety hazard has been abated.

1207.1.6.2 Duties. On-duty fire mitigation personnel shall have the following responsibilities:

1. Keep diligent watch for fires, obstructions to means of egress and other hazards.

2. Immediately contact the fire department if their assistance is needed to mitigate any hazards or extinguish fires.

3. Take prompt measures for remediation of hazards in accordance with the decommissioning plan in Section 1207.2.3.

4. Take prompt measures to assist in the evacuation of the public from the structures.

Considerations that should be included in the emergency action plan would include but not be limited to the following:

4.3 Emergency Planning and Training.

4.3.1 * General.
For ESS installations that exceed the maximum stored energy limits of Table 9.4.1, emergency planning and training shall be provided by the owner of the ESS or their authorized representative so that ESS facility operations and maintenance personnel and emergency responders can address foreseeable hazards associated with the on-site systems.

4.3.2 Facility Staff Planning and Training.
For ESS installations that exceed the maximum stored energy limits of Table 9.4.1, an emergency operations plan and associated training shall be established, maintained, and conducted by ESS facility operations and maintenance personnel.

4.3.2.1 Emergency Operations Plan.
4.3.2.1.1
An emergency operations plan shall be readily available for use by facility operations and maintenance personnel.

4.3.2.1.2
For normally occupied facilities, the emergency operations plan shall be on site.

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4.3.2.1.3
The plan shall be updated when conditions that affect the response considerations and procedures change.

4.3.2.1.4
The emergency operations plan shall include the following:

(1) Procedures for safe shutdown, de-energizing, or isolation of equipment and systems under emergency conditions to reduce the risk of fire, electric shock, and personal injuries, and for safe start-up following cessation of emergency conditions

(2) Procedures for inspection and testing of associated alarms, interlocks, and controls

(3)* Procedures to be followed in response to notifications of system alarms or out-of-range conditions that could signify potentially dangerous conditions, including shutting down equipment, summoning service or repair personnel, and providing agreed-upon notification to fire department personnel, if required

(4)* Emergency procedures to be followed in case of fire, explosion, release of liquids or vapors, damage to critical moving parts, or other potentially dangerous conditions

(5) Response considerations similar to a safety data sheet (SDS) that will address response safety concerns and extinguishment when an SDS is not required

(6) Procedures for dealing with ESS equipment damaged in a fire or other emergency event, including contact information for personnel qualified to safely remove damaged ESS equipment from the facility

(7) Other procedures as determined necessary by the AHJ to provide for the safety of occupants and emergency responders

(8) Procedures and schedules for conducting drills of these procedures

4.3.2.1.5
The emergency operations plan in 4.3.2.1 shall not be required for electric utility facilities under the exclusive control of the electric utility located outdoors or in building spaces used exclusively for such installations.

4.3.2.2 Facility Staff Training.
4.3.2.2.1
Personnel responsible for the operation, maintenance, repair, servicing, and response of the ESS shall be trained in the procedures included in the emergency operations plan in 4.3.2.1.

4.3.2.2.2
Refresher training shall be conducted at least annually and records of such training retained in an approved manner.

Source: NFPA 855

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☐ Listings

1207.3 Equipment. ESS equipment shall be in accordance with Sections 1207.3.1 through 1207.3.9.

1207.3.1 Energy storage system listings. ESS shall be listed in accordance with UL 9540.

> **Exception:** Lead-acid and nickel-cadmium battery systems installed in facilities under the exclusive control of communications utilities, and operating at less than 50 VAC and 60 VDC in accordance with NFPA 76, are not required to be listed.

1207.3.2 Equipment listing. Chargers, inverters and energy storage management systems shall be covered as part of the UL 9540 listing or shall be listed separately.

1207.3.3 Utility interactive systems. Inverters shall be listed and labeled in accordance with UL 1741. Only inverters listed and labeled for utility interactive system use and identified as interactive shall be allowed to operate in parallel with the electric utility power system to supply power to common loads.

1207.3.4 Energy storage management system. Where required by the ESS listing, an approved energy storage management system that monitors and balances cell voltages, currents and temperatures within the manufacturer's specifications shall be provided. The system shall disconnect electrical connections to the ESS or otherwise place it in a safe condition if potentially hazardous temperatures or other conditions such as short circuits, over voltage or under voltage are detected.

1207.3.5 Enclosures. Enclosures of ESS shall be of noncombustible construction.

NFPA 70

ARTICLE 706 Energy Storage Systems
Part I. General

706.1 Scope.
This article applies to all energy storage systems (ESS) having a capacity greater than 3.6 MJ (1 kWh) that may be stand-alone or interactive with other electric power production sources. These systems are primarily intended to store and provide energy during normal operating conditions.

> **Informational Note No. 1:** For batteries rated in ampere hours, kWh is equal to the nominal rated voltage times ampere-hour rating
> divided by 1000.
>
> **Informational Note No. 2**: There can be a subtle distinction between a battery storing energy and an energy storage system. A battery storing energy is not necessarily an ESS. See Article 480. An ESS can be comprised of batteries storing energy. See Article 706.
>
> **Informational Note No. 3**: The following standards are frequently referenced for the installation of energy storage systems:
>
> (1) NFPA 111, Standard on Stored Electrical Energy Emergency and Standby Systems
> (2) NECA 416, Recommended Practice for Installing Energy Storage Systems (ESS)
> (3) UL 810A, Electrochemical Capacitors
> **(4) UL 1973**, Standard for Batteries for Use in Stationary, Vehicle Auxiliary Power, and Light Electric Rail (LER) Applications
> (5) UL 1989, Standard for Standby Batteries
> **(6) UL 9540**, Standard for Safety Energy Storage Systems and Equipment
> (7) UL Subject 2436, Spill Containment For Stationary Lead Acid Battery Systems

706.5 Listing.
Energy storage systems shall be listed.

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Fire Protection Systems Generally

901.2 Construction documents. The fire code official shall have the authority to require construction documents and calculations for all fire protection and life safety systems and to require permits be issued for the installation, rehabilitation or modification of any fire protection and life safety systems. Construction documents for fire protection and life safety systems shall be submitted for review and approval prior to system installation.

☐ Automatic Sprinkler Systems (*Requires a C16 License*)

903.3.1.1 NFPA 13 sprinkler systems. Where the provisions of this code require that a building or portion thereof be equipped throughout with an automatic sprinkler system in accordance with this section, sprinklers shall be installed throughout in accordance with NFPA 13 as amended in Chapter 80 except as provided in Sections 903.3.1.1.1 and 903.3.1.1.3.
[*See also NFPA 13-22 for plan submittal details*]

☐ Fire Alarm Systems (*Requires a C10 License*)

907.1.1 Construction documents. Construction documents for fire alarm systems shall be of sufficient clarity to indicate the location, nature and extent of the work proposed and show in detail that it will conform to the provisions of this code, the California Building Code and relevant laws, ordinances, rules and regulations, as determined by the fire code official.

907.1.2 Fire alarm shop drawings. Shop drawings for fire alarm systems shall be prepared in accordance with NFPA 72 and submitted for review and approval prior to system installation.
[See also NFPA 72-22 for plan submittal details]

> **Exception**: Other symbols are allowed where approved by the enforcing agency.

907.1.3 Equipment.
Systems and components shall be listed and approved for the purpose for which they are installed.

☐ Gas Detection Systems (*Requires a C10 License*)

916.2.1 Construction documents. Documentation of the gas detection system design and equipment to be used that demonstrates compliance with the requirements of this code shall be provided with the application for permit.
[See also NFPA 72-22 Section 17.10 Gas Detection]

☐ FIRE PROTECTION WATER SUPPLIES (*Requires a C16 License*)

507.1 Required water supply. An approved water supply capable of supplying the required fire flow for fire protection shall be provided to premises on which facilities, buildings or portions of buildings are hereafter constructed or moved into or within the jurisdiction.

507.2 Type of water supply. A water supply shall consist of reservoirs, pressure tanks, elevated tanks, water mains or other fixed systems capable of providing the required fire flow.

> **507.2.1 Private fire service mains**. Private fire service mains and appurtenances shall be installed in accordance with NFPA 24 as amended in Chapter 80.
>
> **507.2.2 Water tanks**. Water tanks for private fire protection shall be installed in accordance with NFPA 22.

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Compliance Tables

TABLE 1207.1.1
ENERGY STORAGE SYSTEM (ESS) THRESHOLD QUANTITIES

TECHNOLOGY	ENERGY CAPACITY[a]
Capacitor ESS	3 kWh
Flow batteries[b]	20 kWh
Lead-acid batteries, all types	70 kWh[c]
Lithium-ion batteries	20 kWh
Nickel metal hydride (Ni-MH)	70 kWh
Nickel-cadmium batteries (Ni-Cd)	70 kWh
Other battery technologies	10 kWh
Other electrochemical ESS technologies	3 kWh

For SI: 1 kilowatt hour = 3.6 megajoules.

a. Energy capacity is the total energy capable of being stored (nameplate rating), not the usable energy rating. For units rated in amp-hours, kWh shall equal rated voltage times amp-hour rating divided by 1,000.

b. Shall include vanadium, zinc-bromine, polysulfide-bromide and other flowing electrolyte-type technologies.

c. Fifty gallons of lead-acid battery electrolyte shall be considered equivalent to 70 kWh.

TABLE 1207.5
MAXIMUM ALLOWABLE QUANTITIES OF ELECTROCHEMICAL ESS

TECHNOLOGY	MAXIMUM ALLOWABLE QUANTITIES[a]
STORAGE BATTERIES	
Flow batteries[b]	600 kWh
Lead-acid, all types	Unlimited
Lithium-ion	600 kWh
Nickel metal hydride (Ni-MH)	Unlimited
Nickel-cadmium (Ni-Cd)	Unlimited
Other battery technologies	200 kWh
CAPACITORS	
All types	20 kWh
OTHER ELECTROCHEMICAL ESS	
All types	20 kWh

a. For electrochemical ESS units rated in amp-hours, kWh shall equal rated voltage times the amp-hour rating divided by 1,000.

b. Shall include vanadium, zinc-bromine, polysulfide-bromide and other flowing electrolyte-type technologies.

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TABLE 1207.6
ELECTROCHEMICAL ESS TECHNOLOGY-SPECIFIC REQUIREMENTS

COMPLIANCE REQUIRED[b]		BATTERY TECHNOLOGY				OTHER ESS AND BATTERY TECHNOLOGIES[b]	CAPACITOR ESS[b]
Feature	Section	Lead-acid	Ni-Cd and Ni-MH	Lithium-ion	Flow		
Exhaust ventilation	1207.6.1	Yes	Yes	No	Yes	Yes	Yes
Explosion control	1207.6.3	Yes[a]	Yes[a]	Yes	No	Yes	Yes
Safety caps	1207.6.4	Yes	Yes	No	No	Yes	Yes
Spill control and neutralization	1207.6.2	Yes[c]	Yes[c]	No	Yes	Yes	Yes
Thermal runaway	1207.6.5	Yes[d]	Yes	Yes[e]	No	Yes[e]	Yes

a. Not required for lead-acid and nickel-cadmium batteries at facilities under the exclusive control of communications utilities that comply with NFPA 76 and operate at less than 50 VAC and 60 VDC.
b. Protection shall be provided unless documentation acceptable to the fire code official is provided in accordance with Section 104.8.2 that provides justification why the protection is not necessary based on the technology used.
c. Applicable to vented-type (i.e., flooded) nickel-cadmium and lead-acid batteries.
d. Not required for vented-type (i.e., flooded) lead-acid batteries.
e. The thermal runaway protection is permitted to be part of a battery management system that has been evaluated with the battery as part of the evaluation to UL 1973.

TABLE 1207.7
INDOOR ESS INSTALLATIONS

COMPLIANCE REQUIRED		DEDICATED-USE BUILDINGS[a]	NONDEDICATED-USE BUILDINGS[b]
Feature	Section		
Dwelling units and sleeping units	1207.7.3	NA	Yes
Elevation	1207.5.3	Yes	Yes
Fire suppression systems	1207.5.5	Yes[c]	Yes
Fire-resistance-rated separations	1207.7.4	Yes	Yes
General installation requirements	1207.4	Yes	Yes
Maximum allowable quantities	1207.5.2	No	Yes
Size and separation	1207.5.1	Yes	Yes
Smoke and automatic fire detection[e]	1207.5.4	Yes[d]	Yes
Technology specific protection	1207.6	Yes	Yes

NA = Not Allowed.
a. See Section 1207.7.1.
b. See Section 1207.7.2.
c. Where approved by the fire code official, fire suppression systems are permitted to be omitted in dedicated-use buildings located more than 100 feet (30.5 m) from buildings, lot lines, public ways, stored combustible materials, hazardous materials, high-piled stock and other exposure hazards.
d. Where approved by the fire code official, alarm signals are not required to be transmitted to a central station, proprietary or remote station service in accordance with NFPA 72, or a constantly attended location where local fire alarm annunciation is provided and trained personnel are always present.
e. Lead-acid and nickel-cadmium battery systems installed in Group U buildings and structures less than 1,500 square feet (139 m^2) under the exclusive control of communications utilities, and operating at less than 50 VAC and 60 VDC in accordance with NFPA 76, are not required to have an approved automatic smoke or fire detection system.

TABLE 1207.8
OUTDOOR ESS INSTALLATIONS[a]

COMPLIANCE REQUIRED		REMOTE INSTALLATIONS[a]	INSTALLATIONS NEAR EXPOSURES[b]
Feature	Section		
All ESS installations	1207.4	Yes	Yes
Clearance to exposures	1207.8.3	Yes	Yes
Fire suppression systems	1207.5.5	Yes[c]	Yes
Maximum allowable quantities	1207.5.2	No	Yes
Maximum enclosure size	1207.5.6	Yes	Yes
Means of egress separation	1207.5.8	Yes	Yes
Size and separation	1207.5.1	No	Yes[d]
Smoke and automatic fire detection	1207.5.4	Yes	Yes
Technology-specific protection	1207.6	Yes	Yes
Vegetation control	1207.5.7	Yes	Yes

a. See Section 1207.8.1.
b. See Section 1207.8.2.
c. Where approved by the fire code official, fire suppression systems are permitted to be omitted.
d. In outdoor walk-in units, spacing is not required between ESS units and the walls of the enclosure.

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☐ **1207.8 Outdoor installations.** Outdoor installations shall be in accordance with Sections 1207.8.1 through 1207.8.3. Exterior wall installations for individual ESS units not exceeding 20 KWh shall be in accordance with Section 1207.8.4.

1207.8.1 Remote outdoor installations. For the purpose of Table 1207.8, remote outdoor installations include ESS located more than 100 feet (30.5 M) from buildings, lot lines, public ways, stored combustible materials, hazardous materials, high piled stock and other exposure hazards.

1207.8.2 Installations near exposures. For the purpose of Table 1207.8, installations near exposures include all outdoor ESS installations that do not comply with Section 1207.8.1 remote outdoor location requirements.

1207.8.3 Clearance to exposures. ESS located outdoors shall be separated by a minimum ten feet (3048 mm) from the following exposures:

1. Lot lines
2. Public ways
3. Buildings
4. Stored combustible materials
5. Hazardous materials
6. High-piled stock
7. Other exposure hazards

Exceptions:

1. Clearances are permitted to be reduced to 3 feet (914 mm) where a 1 hour free standing fire barrier, suitable for exterior use, and extending 5 feet (1.5 m) above and extending 5 feet (1.5 m) beyond the physical boundary of the ESS installation is provided to protect the exposure.

2. Clearances to buildings are permitted to be reduced to 3 feet (914.4 mm) where a weatherproof enclosure constructed of noncombustible materials is provided over the ESS, and it has been demonstrated that a fire within the enclosure will not ignite combustible materials outside the enclosure based on large scale fire testing complying with Section 1207.1.5.

☐ **1207.8.4 Exterior wall installations.** ESS shall be permitted to be installed outdoors on exterior walls of buildings when all the following conditions are met: (Units of 20kWh or less)

1. The maximum energy capacity of individual ESS units shall not exceed 20 kWh.
2. The ESS shall comply with applicable requirements in Section 1207.
3. The ESS shall be installed in accordance with the manufacturer's instructions and their listing.
4. Individual ESS units shall be separated from each other by at least three feet (914 mm).
5. The ESS shall be separated from doors, windows, operable openings into buildings, or HVAC inlets by at least five feet (1524 mm).

Exception: Where approved smaller separation distances in items 4 and 5 shall be permitted based on large scale fire testing complying with Section 1207.1.5.

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TABLE 1207.9
SPECIAL ESS INSTALLATIONS

COMPLIANCE REQUIRED		ROOFTOPS[a]	OPEN PARKING GARAGES[b]
Feature	Section		
All ESS installations	1207.4	Yes	Yes
Clearance to exposures	1207.9.3	Yes	Yes
Fire suppression systems	1207.9.4	Yes	Yes
Maximum allowable quantities	1207.5.2	Yes	Yes
Maximum enclosure size	1207.5.6	Yes	Yes
Means of egress separation	1207.5.8	Yes	Yes
Open parking garage installations	1207.9.6	No	Yes
Rooftop installations	1207.9.5	Yes	No
Size and separation	1207.5.1	Yes	Yes
Smoke and automatic fire detection	1207.5.4	Yes	Yes
Technology-specific protection	1207.6	Yes	Yes

a. See Section 1207.9.1.
b. See Section 1207.9.2.

1207.9 Special installations. Rooftop and open parking garage ESS installations shall comply with Sections 1207.9.1 through 1207.9.6.

☐ **1207.9.1 Rooftop installations.** For the purpose of Table 1207.9, rooftop ESS installations are those located on the roofs of buildings.

☐ **1207.9.2 Open parking garage installations.** For the purpose of Table 1207.9, open parking garage ESS installations are those located in a structure or portion of a structure that complies with Section 406.5 of the California Building Code.

1207.9.3 Clearance to exposures. ESS located on rooftops and in open parking garages shall be separated by a minimum ten feet (3048 mm) from the following exposures:

1. Buildings, except the building on which rooftop ESS is mounted
2. Any portion of the building on which a rooftop system is mounted that is elevated above the rooftop on which the system is installed
3. Lot lines
4. Public ways
5. Stored combustible materials
6. Locations where motor vehicles can be parked
7. Hazardous materials
8. Other exposure hazards

Exceptions:

1. Clearances are permitted to be reduced to 3 feet (914 mm) where a 1 hour free standing fire barrier, suitable for exterior use, and extending 5 feet (1.5 m) above and extending 5 feet (1.5 m) beyond the physical boundary of the ESS installation is provided to protect the exposure.

2. Clearances are permitted to be reduced to 3 feet (914.4 mm) where a weatherproof enclosure constructed of noncombustible materials is provided over the ESS and it has been demonstrated that a fire within the enclosure will not ignite combustible materials outside the enclosure based on large scale fire testing complying with Section 1207.1.5

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TABLE 1207.10
MOBILE ENERGY STORAGE SYSTEMS (ESS)

COMPLIANCE REQUIRED		DEPLOYMENT[a]
Feature	Section	
All ESS installations	1207.4	Yes[b]
Fire suppression systems	1207.5.5	Yes[c]
Maximum allowable quantities	1207.5.2	Yes
Maximum enclosure size	1207.5.6	Yes
Means of egress separation	1207.5.8	Yes
Size and separation	1207.5.1	Yes[d]
Smoke and automatic fire detection	1207.5.4	Yes[e]
Technology-specific protection	1207.6	Yes
Vegetation control	1207.5.7	Yes

a. See Section 1207.10.2.
b. Mobile operations on wheeled vehicles and trailers shall not be required to comply with Section 1207.4.4 seismic and structural load requirements.
c. Fire suppression system connections to the water supply shall be permitted to use approved temporary connections.
d. In walk-in units, spacing is not required between ESS units and the walls of the enclosure.
e. Alarm signals are not required to be transmitted to an approved location for mobile ESS deployed 30 days or less.

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Fire Protection Guidance

SECTION 901
GENERAL

901.1 Scope. The provisions of this chapter shall specify where fire protection and life safety systems are required and shall apply to the design, installation, inspection, operation, testing and maintenance of all fire protection systems.

901.2.1 Statement of compliance. Before requesting final approval of the installation, where required by the fire code official, the installing contractor shall furnish a written statement to the fire code official that the subject fire protection system has been installed in accordance with approved plans and has been tested in accordance with the manufacturer's specifications and the appropriate installation standard. Any deviations from the design standards shall be noted and copies of the approvals for such deviations shall be attached to the written statement.

901.5. Administration of installation acceptance testing. Fire protection and life safety systems and appurtenances thereto shall be subject to acceptance tests as contained in the installation standards and as approved by the fire code official. The fire code official shall be notified before any required acceptance testing.

> **901.5.1 Occupancy**. It shall be unlawful to occupy any portion of a building or structure until the required fire protection and life safety systems have been tested and approved.
>
> **901.6.2 Integrated testing**. Where two or more fire protection or life safety systems are interconnected, the intended response of subordinate fire protection and life safety systems shall be verified when required testing of the initiating system is conducted. In addition, integrated testing shall be performed in accordance with Sections 901.6.2.1 and 901.6.2.2.

SECTION 903
AUTOMATIC SPRINKLER SYSTEMS

903.1 General. Automatic sprinkler systems shall comply with this section.

> **903.1.1 Alternative protection**. Alternative automatic fire-extinguishing systems complying with Section 904 shall be permitted instead of automatic sprinkler protection where recognized by the applicable standard and approved by the fire code official.

903.3 Installation requirements. Automatic sprinkler systems shall be designed and installed in accordance with Sections 903.3.1 through 903.3.8.

> **903.3.1 Standards**. Sprinkler systems shall be designed and installed in accordance with Section 903.3.1.1, unless otherwise permitted by Sections 903.3.1.2 and 903.3.1.3 and other chapters of this code, as applicable.
>
> **903.3.1.1 NFPA 13 sprinkler systems.** Where the provisions of this code require that a building or portion thereof be equipped throughout with an automatic sprinkler system in accordance with this section, sprinklers shall be installed throughout in accordance with NFPA 13 as amended in Chapter 80 except as provided in Sections 903.3.1.1.1 and 903.3.1.1.3.

903.4 Sprinkler system supervision and alarms. Valves controlling the water supply for automatic sprinkler systems, pumps, tanks, water levels and temperatures, critical air pressures and waterflow switches on all sprinkler systems shall be electrically supervised by a listed fire alarm control unit.

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903.4.1 Monitoring. Alarm, supervisory and trouble signals shall be distinctly different and shall be automatically transmitted to an approved supervising station or, where approved by the fire code official, shall sound an audible signal at a constantly attended location.

903.4.2 Alarms. One exterior approved audible device, located on the exterior of the building in an approved location, shall be connected to each automatic sprinkler system. Such sprinkler waterflow alarm devices shall be activated by water flow equivalent to the flow of a single sprinkler of the smallest orifice size installed in the system. Where a fire alarm system is installed, actuation of the automatic sprinkler system shall actuate the building fire alarm system. Visible alarm notification appliances shall not be required except when required by Section 907.

SECTION 904
ALTERNATIVE AUTOMATIC FIRE-EXTINGUISHING SYSTEMS

904.1 General. Automatic fire-extinguishing systems, other than automatic sprinkler systems, shall be designed, installed, inspected, tested and maintained in accordance with the provisions of this section and the applicable referenced standards.

904.2 Where permitted. Automatic fire-extinguishing systems installed as an alternative to the required automatic sprinkler systems of Section 903 shall be approved by the fire code official.

904.3 Installation. Automatic fire-extinguishing systems shall be installed in accordance with this section.

904.3.1 Electrical wiring. Electrical wiring shall be in accordance with the California Electrical Code.

904.3.2 Actuation. Automatic fire-extinguishing systems shall be automatically actuated and provided with a manual means of actuation in accordance with Section 904.13.1. Where more than one hazard could be simultaneously involved in fire due to their proximity, all hazards shall be protected by a single system designed to protect all hazards that could become involved.

> **Exception:** Multiple systems shall be permitted to be installed if they are designed to operate simultaneously.

904.3.3 System interlocking. Automatic equipment interlocks with fuel shutoffs, ventilation controls, door closers, window shutters, conveyor openings, smoke and heat vents and other features necessary for proper operation of the fire-extinguishing system shall be provided as required by the design and installation standard utilized for the hazard.

904.3.4 Alarms and warning signs. Where alarms are required to indicate the operation of automatic fire-extinguishing systems, distinctive audible, visible alarms and warning signs shall be provided to warn of pending agent discharge. Where exposure to automatic-extinguishing agents poses a hazard to persons and a delay is required to ensure the evacuation of occupants before agent discharge, a separate warning signal shall be provided to alert occupants once agent discharge has begun. Audible signals shall be in accordance with Section 907.5.2.

904.3.5 Monitoring. Where a building fire alarm system is installed, automatic fire-extinguishing systems shall be monitored by the building fire alarm system in accordance with NFPA 72.

904.4 Inspection and testing. Automatic fire-extinguishing systems shall be inspected and tested in accordance with the provisions of this section prior to acceptance.

904.4.1 Inspection. Prior to conducting final acceptance tests, all of the following items shall be inspected:

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1. Hazard specification for consistency with design hazard.
2. Type, location and spacing of automatic- and manual-initiating devices.
3. Size, placement and position of nozzles or discharge orifices.
4. Location and identification of audible and visible alarm devices.
5. Identification of devices with proper designations.
6. Operating instructions.

904.4.2 Alarm testing. Notification appliances, connections to fire alarm systems and connections to approved supervising stations shall be tested in accordance with this section and Section 907 to verify proper operation.

904.4.2.1 Audible and visible signals. The audibility and visibility of notification appliances signaling agent discharge or system operation, where required, shall be verified.

904.4.3 Monitor testing. Connections to protected premises and supervising station fire alarm systems shall be tested to verify proper identification and retransmission of alarms from automatic fire-extinguishing systems.

SECTION 907
FIRE ALARM AND DETECTION SYSTEMS

907.1 General. This section covers the application, installation, performance and maintenance of fire alarm systems and their components in new and existing buildings and structures. The requirements of Section 907.2 are applicable to new buildings and structures. The requirements of Section 907.9 are applicable to existing buildings and structures.

907.1.3 Equipment. Systems and components shall be California State Fire Marshal listed and approved in accordance with California Code of Regulations, Title 19, Division 1 for the purpose for which they are installed.

907.2.23 Energy storage systems. An automatic smoke detection system or radiant-energy detection system shall be installed in rooms, areas and walk-in units containing energy storage systems as required in Section 1207.5.4..

907.4 Initiating devices. Where a fire alarm system is required by another section of this code, occupant notification in accordance with Section 907.5 shall be initiated by one or more of the following. Initiating devices shall be installed in accordance with Sections 907.4.1 through 907.4.3.1.

1. Manual fire alarm boxes.
2. Automatic fire detectors.
3. Automatic sprinkler system waterflow devices.
4. Automatic fire-extinguishing systems.

907.4.1 Protection of fire alarm control unit. In areas that are not continuously occupied, a single smoke detector shall be provided at the location of each fire alarm control unit, notification appliance circuit power extenders and supervising station transmitting equipment.

Exception: Where ambient conditions prohibit installation of smoke detector, a heat detector shall be permitted.

Guidance Only - Extracted language Copyright ICC and NFPA

907.5 Occupant notification systems. Occupant notification by fire alarms shall be in accordance with Sections 907.5.1 through 907.5.2.5. Occupant notification by smoke alarms in Group R-1 and R-2 occupancies shall comply with Section 907.5.2.1.3.2.

907.5.1 Alarm activation and annunciation. Upon activation, fire alarm systems shall initiate occupant notification and shall annunciate at the fire alarm control unit, or where allowed elsewhere by Section 907, at a constantly attended location.

907.5.2 Alarm notification appliances. Alarm notification appliances shall be provided and shall be listed for their purpose.

907.5.2.1 Audible alarms. Audible alarm notification appliances shall be provided and emit a distinctive sound that is not to be used for any purpose other than that of a fire alarm. In Group I-2 occupancies, audible appliances located in patient areas shall be only chimes or similar sounding appliances for alerting staff. See Section 907. 5.2.5.

907.6 Installation and monitoring. A fire alarm system shall be installed and monitored in accordance with Sections 907.6.1 through 907.6.6.3 and NFPA 72.

907.6.1 Wiring. Wiring shall comply with the requirements of the California Electrical Code and NFPA 72. Wireless protection systems utilizing radio-frequency transmitting devices shall comply with the special requirements for supervision of low-power wireless systems in NFPA 72.

907.6.2 Power supply. The primary and secondary power supply for the fire alarm system shall be provided in accordance with NFPA 72.

907.6.3 Initiating device identification. The fire alarm system shall identify the specific initiating device address, location, device type, floor level where applicable and status including indication of normal, alarm, trouble and supervisory status, as appropriate.

907.6.3.1 Annunciation. The initiating device status shall be annunciated at an approved on-site location.

NFPA 72
10.18.3 * Annunciator Access and Location.
10.18.3.1
All required annunciation means shall be readily accessible to responding personnel.

10.18.3.2
All required annunciation means shall be located as required by the authority having jurisdiction to facilitate an efficient response to the situation.

10.18.6 * Emergency Services Interfaces.
Where required by the enforcing authority; governing laws, codes, or standards; or other parts of this Code, annunciators, information display systems, and controls for portions of a system provided for use by emergency service personnel shall be designed, arranged, and located in accordance with the requirements of the organizations intended to use the equipment.

Guidance Only - Extracted language Copyright ICC and NFPA

A.10.18.6
Emergency Services Interfaces. Annunciators, information display systems, and controls for portions of a system provided for use by emergency service personnel should be designed, arranged, and located in accordance with the needs of the organizations intended to use the equipment.

907.6.5 Access. Access shall be provided to each fire alarm device and notification appliance for periodic inspection, maintenance and testing.

907.6.6 Monitoring. Fire alarm systems required by this chapter or by the California Building Code shall be monitored by an approved supervising station in accordance with NFPA 72 and this section.

907.7 Acceptance tests and completion. Upon completion of the installation, the fire alarm system and all fire alarm components shall be tested in accordance with NFPA 72.

907.7.2 Record of completion. A record of completion in accordance with NFPA 72 verifying that the system has been installed and tested in accordance with the approved plans and specifications shall be provided.

907.7.3 Instructions. Operating, testing and maintenance instructions and record drawings ("as builts") and equipment specifications shall be provided at an approved location.

SECTION 916
GAS DETECTION SYSTEMS
Note: gas detection systems shall also comply with NFPA 72

916.1 Gas detection systems. Gas detection systems required by this code shall comply with Sections 916.2 through 916.11.

916.2 Permits. Permits shall be required as set forth in Section 105.6.10.

916.3 Equipment. Gas detection system equipment shall be designed for use with the gases being detected and shall be installed in accordance with manufacturer's instructions.

916.6 Sensor locations. Sensors shall be installed in approved locations where leaking gases are expected to accumulate.

916.11 Inspection, testing and sensor calibration. Inspection and testing of gas detection systems shall be conducted not less than annually. Sensor calibration shall be confirmed at the time of sensor installation and calibration shall be performed at the frequency specified by the sensor manufacturer.

SECTION 503
FIRE APPARATUS ACCESS ROADS

503.1 Where required. Fire apparatus access roads shall be provided and maintained in accordance with Sections 503.1.1 through 503.1.3.

503.1.1 Buildings and facilities. Approved fire apparatus access roads shall be provided for every facility, building or portion of a building hereafter constructed or moved into or within the jurisdiction. The fire apparatus access road shall comply with the requirements of this section and shall extend to within 150 feet (45 720 mm) of all portions of the facility and all portions of the exterior walls of the first story of the building as measured by an approved route around the exterior of the building or facility.

Guidance Only - Extracted language Copyright ICC and NFPA

SECTION 507
FIRE PROTECTION WATER SUPPLIES

507.1 Required water supply. An approved water supply capable of supplying the required fire flow for fire protection shall be provided to premises on which facilities, buildings or portions of buildings are hereafter constructed or moved into or within the jurisdiction.

507.2 Type of water supply. A water supply shall consist of reservoirs, pressure tanks, elevated tanks, water mains or other fixed systems capable of providing the required fire flow.

> **507.2.1 Private fire service mains**. Private fire service mains and appurtenances shall be installed in accordance with NFPA 24 as amended in Chapter 80.
>
> **507.2.2 Water tanks**. Water tanks for private fire protection shall be installed in accordance with NFPA 22.

507.3 Fire flow. Fire-flow requirements for buildings or portions of buildings and facilities shall be determined by an approved method or Appendix B.

507.5 Fire hydrant systems. Fire hydrant systems shall comply with Sections 507.5.1 through 507.5.6 and Appendix C or by an approved method.

> **507.5.1 Where required**. Where a portion of the facility or building hereafter constructed or moved into or within the jurisdiction is more than 400 feet (122 m) from a hydrant on a fire apparatus access road, as measured by an approved route around the exterior of the facility or building, on-site fire hydrants and mains shall be provided where required by the fire code official.

Guidance Only - Extracted language Copyright ICC and NFPA

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Office of the Fire Marshal
Kern County Fire Department
Fire Prevention Unit

2820 M St. • Bakersfield, CA 93301 • www.kerncountyfire.org
Telephone 661-391-3310 • FAX 661-636-0466/67 • TTY Relay 800-735-2929

3/3/2022

The Kern County Fire Department "Energy Storage System Review Guide Sheet and CFC Sections [A] 105.4 and 1206.1.3 are clear in what is required to be submitted as part of the application for a permit to install an ESS. The current code requirements took effect July 1, 2021, and KCFD has routinely distributed the review guide to assist applicants.

The following submission procedures will take effect immediately:

1. Submitted plans and documents must be under the signature and seal of CA Licensed design professional.
2. Applications will be reviewed as to completeness based upon the KCFD ESS Review Guide Sheet and the CFC. If any required submittal item is missing the application will be deemed incomplete and the application rejected until such time that a complete package is submitted.
3. Once an application is accepted for review, any updated submittals during the period of review, installation and final inspections must either be signed and sealed by the design professional of record, or a cover letter signed and sealed by the design professional of record shall accompany the submittal, attesting that the updated information conforms to the overall design and code requirements.
4. HMA, Fire Risk Analysis, fire suppression and deflagration protection analysis submittals shall be from a CA Licensed Fire Protection Engineer approved by the Kern County Fire Department per CFC Section [A]104.7.2. Submittals will require signature and seal.
5. Fire protection system submittals such as fire suppression and water supply shall include a C-16 - Fire Protection Contractor of record.
6. Fire alarm systems, fire detection, gas detection shall include a C-10 - Electrical Contractor of record.
7. No batteries over 50% State of Charge (SOC) shall be brought to a site until necessary fire protection and other safety systems have been commissioned and accepted. Documentation on the SOC shall be provided prior to batteries being brought to a site.
8. ESS are required to meet all the requirements of the CFC and Kern County Fire Department requirements, any ESS not meeting core safety requirements will be rejected.
9. Final approvals of any ESS or safety related equipment that has routine maintenance requirements according to the code or manufacturer's instructions will not receive approval inspections until a maintenance plan has been submitted and approved by KCFD.

Office of the Fire Marshal
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January 8, 2026

Kern County Planning and Natural Resources Department
2800 M St., Bakersfield, CA 93301
Attn.: Keith Alvidrez, Planner III

Re: Kern County Fire Department Comments Regarding Planning Department Project

To Whom It May Concern,

The Kern County Fire Department (KCFD), as the local fire authority, has received a request for comments regarding Euismod Energy Storage Project by Euismod Project LLC and Euismod Project I, LLC. (PLN25-00046); ZCC No. 22, Map233; CUP No. 18, Map 233; CUP No. 19; Map 233; CUP No. 20, Map 233; CUP No. 21, Map 233; ZV No. 10, Map 233.. Upon initial review, it has been determined that all ground mounted solar array projects over 1MW will require Fire Department plan review prior to construction and meet requirements set forth in KCFD Solar Panel Standard. Solar array projects over 20MW will require special fee calculation from KCFD prior to permit issuance.

All Battery Energy Storage Systems must be applied for directly with KCFD for separate permitting and pre-construction approval. All proposed batteries must be UL9540A 2019 4th Edition tested for large scale burns to determine adequate design and mitigation measures. Additionally, the 24,000 gallon fire water tank and fire alarm annunciator panel (Incident Command Post) must be located a minimum of 300' upwind from the nearest battery enclosure. Site emergency response access for the storage yards is preferred to be placed upwind of battery enclosures based on the prevailing winds in the area of construction.

A more detailed review and project comments will be conducted when the building permit is obtained, and plans are submitted to KCFD.

Please feel free to call our Fire Prevention Office at (661) 391-3310 with any questions.

Respectfully,
Kaylee Schoenheide
Fire Plans Examiner
Kern County Fire Department

Office of the Fire Marshal
Kern County Fire Department
Fire Prevention Unit

2820 M St. • Bakersfield, CA 93301 • www.kerncountyfire.org
Telephone 661-391-3310 • FAX 661-636-0466/67 • TTY Relay 800-735-2929

December 13, 2023

Dear Customer,

Kern County Fire Department (KCFD) is bringing to your attention a requirement for testing and maintenance of all systems requiring routine maintenance, particularly life safety, fire protection and detection systems at all Operational and Conditionally Approved Battery Energy Storage System (BESS) projects. The manufacturer's instructions for systems and components along with NFPA 68, NFPA 69, NFPA 72, NFPA 2001, NFPA 13, NFPA 22, NFPA 24, NFPA 25 & NFPA 10 and California Fire Code Section 109 require regular testing, inspection, and maintenance to keep the fire and life safety systems properly maintained and operationally ready. Continued Conditional Operational Approval is based on maintaining all fire and life safety systems in good working order, free from deficiencies and following all referenced standards and manufacturer's suggested guidelines from the date a subsystem is commissioned and/or the ESS receives Conditional Operational Approval.

Below are the NFPA codes and frequency of inspection and testing to be performed:

NFPA 10 – Portable Fire Extinguishers			Annually
NFPA - 13, 24 & 25 – Sprinklers/water supply/fire pump	Quarterly	Semi-Annually	Annually
NFPA 68 – Explosion Protection/Deflagration Venting	Every maintenance turnaround		Annually
NFPA 69 – Standard on Explosion Prevention Systems	Quarterly	Every maintenance turnaround	
NFPA 72 – Fire Alarm Systems		Semi-Annually	Annually
NFPA 2001 – Clean Agent Suppression		Semi-Annually	Annually

Fire Code Compliance Testing and Inspection involves having a Licensed Technician perform visual and physical testing of fire and life systems for functionality. All Testing and Inspection Certification documentation, signed by a licensed technician, shall be available for review by the Fire Authority upon request and/or be submitted to Kern County Fire Department's Fire Prevention Unit. KCFD reserves the right to visit any battery energy storage site and request to see testing and maintenance records. Any system discrepancies shall be addressed and all resolution documentation for repairs kept on record.

Regarding testing and maintenance of critical system components related to system safety, life safety, fire detection, fire suppression and concentration reduction systems, not directly addressed in NFPA Standards nor fire code sections, please have your Fire Protection Engineer provide a proposal on the service schedules based on the environmental conditions present at site using the manufacturer's guidelines as a starting point. Reference to the above requirements and the required routine testing and maintenance schedules of the ESS installation are required to be part of your KCFD SSB permit submittal under operation and maintenance documentation CFC 1207.2.1, Items 8 and 10 and CFC 1207.2.2.

If you have any questions, feel free to email our Fire Prevention Office at:
fireprevention@kerncountyfire.org

Regards,
Matt Redstone, Assistant Fire Marshal
Kern County Fire Department
Fire Prevention

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Standard No. 1204-2		
Kern County Fire Department Fire Prevention	**Solar Panels Ground Mounted (Commercial)** Fire Protection Requirements	Fire Marshal Date: May 25, 2023

Scope

This standard is for the requirements and construction of commercial ground mounted solar installations and is pursuant to the 2022 California Fire Code and Kern County Ordinance.

Requirements

This standard uses guidelines from several sources which outline solar panel installation requirements. This standard will be associated with the proper installation of photovoltaic ground mounted solar systems. It will be applied indefinitely and reviewed/revised as part of the new code adoption process or as otherwise necessary.

Water Supply

When required by the fire code official, fire protection water shall be provided for ground mounted solar systems of one MW or larger. The presence of structures, location in the wildland areas, and the size of the array will determine the amount of fire protection water.

One 10,000-gallon tank with a 4" NSM (National Standard Male) connection will be provided for fire department use. A level indicator shall be attached to the water tank. Tank and outlet location shall be accessible to emergency vehicles, near the entrance and approved by the Kern County Fire Department. Water tank design, materials, fabrication, and installation shall be in accordance with NFPA 22. Submit plans and obtain a building permit from the Kern County Public Works Inspection Division for water tanks that exceed 5,000 gallons. (2022 CBC Section 105)

When a fire water source is available within a reasonable distance, the fire water tank requirement may be waived. This fire water source must have a 4" NSM (National Standard Male) connection. All water sources shall be approved by the Kern County Fire Department.

Clearance/Combustibles

1. A minimum clearance of 10' is required for all weeds and combustibles around the project perimeter. All vegetation under the array shall be maintained to a height of 6" or less.
2. In SRA and Wildland areas, 30' of clearance of all combustibles shall be maintained.

Access

1. A 20' minimum road width- is required around the perimeter of the entire project for the fire department and emergency vehicles.
2. All internal roads shall be a minimum of 20' wide.
3. Fire apparatus access roads shall be constructed with an asphalt, concrete, or other approved driving surface capable of supporting the imposed load of fire apparatus weighing up to 75,000 pounds.
4. Separations and clear spaces between solar panel array blocks and/or other associated equipment on the interior of the solar array that are twelve (12) feet or larger in width shall be provided with a compacted surface capable of supporting the imposed load of fire apparatus weighing up to 20,000 pounds.

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From: Prasad Koppaka
To: Keith Alvidrez
Subject: Euismod Energy Storage Project – NOP / Draft EIR Adjacent Property Owner Comment – APN 261-103-09-00-0
Date: Saturday, January 10, 2026 12:55:54 PM

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

Dear Mr. Keith Alvidrez,

I am writing as the owner of Assessor's Parcel Number 261-103-09-00-0, a 10-acre property that is directly adjacent to the proposed Euismod Energy Storage Project site. My parcel shares a boundary along the east side of APN 261-103-17 and along the north/northeast portion of APN 261-103-29, both of which are included within the proposed project footprint.

Due to this immediate adjacency, I request that the Draft Environmental Impact Report (EIR) include parcel-specific analysis of potential impacts to my property, including but not limited to:

1. Noise impacts, including construction and operational noise levels at the shared property boundary
2. Visual impacts, including screening, fencing, lighting, and massing near adjacent parcels
3. Construction impacts, including dust, traffic, access, and staging near shared boundaries
4. Fire safety and emergency access, particularly given the nature of battery energy storage systems
5. Land-use compatibility, including how project setbacks, buffers, and access features may affect the future reasonable use of adjacent properties
6. Cumulative impacts, considering the concentration of existing and proposed energy infrastructure in the area

Additionally, I request that the EIR clearly document how the proposed project design preserves the ability of adjacent parcels, including my own, to pursue lawful future land uses consistent with applicable zoning and county policies.

Thank you for the opportunity to provide comments at this early stage of the CEQA process. I respectfully request that this letter be included in the administrative record and that I be notified of future public hearings and document availability related to this project.

Sincerely,

Prasad Koppaka

Owner, APN 261-103-09-00-0

Phone: 510-304-0800

Kern Audubon Society
Attn: Franklin Bedard
P.O. Box 3581
Bakersfield, CA 93385
mbedard@bak.rr.com

January 12, 2026 *submitted electronically*

Keith Alvidrez, Planner lll
Kern County Planning and Natural Resources Department
2700 "M" Street, Suite 100
Bakersfield, CA 93301
AlvidrezK@kerncounty.com

Subject: **Notice of Preparation of a Draft Environmental Impact Report for The Euismod Energy Storage Project (Project), by Euismod Project LLC and Euismod Project 1, LLC (PP26402)**

Dear Mr. Alvidrez:

The Kern Audubon Society (KAS), an interested party, received a notice of availability concerning a Notice of Preparation (NOP) of a Draft Environmental Impact Report (DEIR) from the Kern County Planning and Natural Resources Department (County) for the above referenced Project pursuant to the California Environmental Quality Act (CEQA) and CEQA Guidelines. KAS was founded in Bakersfield, CA in 1973 and incorporated in 1979. KAS is a thriving environmental organization in Kern County, and the chapter continually plans educational projects for the community. KAS conducts regular program meetings and field trips to both common and unique habitats in California. KAS would like to thank you for the opportunity to provide comments concerning the scope and content of the environmental analysis of the Project that may affect the diverse California wildlife within the Project's footprint and its cumulative impacts in the region.

The DEIR is for the proposed 120 acre project located near the northern edge of the Antelope Valley, approximately 8 miles west of the unincorporated area of Kern County near the City of Rosamond, approximately 15 miles west of State Route 14, and 6 miles north of State Route 138. It is located on the northwest side of 170th Street West and Rosamond Boulevard intersection. The Project is proposed to

utilize disturbed agricultural fields and undeveloped Joshua tree and desert saltbush scrub areas. These areas have potential to support desert kit fox, American badger, Western burrowing owl, Swainson's hawk, loggerhead shrike, Mohave ground squirrel, and desert tortoise. The biological site evaluation should be performed by qualified biological consultants using the appropriate survey protocols as established by both state and federal wildlife agencies.

It is imperative that all biological surveys be performed during the appropriate time of year to discern species presence for this eco-region. This is especially true for the desert tortoise and Mohave ground squirrel. Presence/absence surveys for both desert tortoise and Mohave ground squirrel can be negatively influenced by seasonal drought conditions so it is imperative that surveys be performed during years exhibiting average winter precipitation. Biological consultants should evaluate the Project's potential to subsidize and support local raven populations that depredate the endangered desert tortoises of the Mojave Desert region. Ravens represent a major threat to long term tortoise recovery in the Mojave. The proximity of the Desert Tortoise Preserve makes raven management a major concern. Due to the size of this Project and its proximity to other large solar developments cumulative impacts to sensitive biological resources requires more than a perfunctory analysis of said impacts. Of additional concern is the Project's location along the eastern edge of the Sierra flyway, a major migratory path for millions of migrating birds every year.

In particular, KAS recognizes that the Swainson's hawk (SWHA) is a priority species for conservation in California, and has been pursuing efforts to conserve the hawk in comments on CEQA documents concerning solar projects in the Antelope Valley (AV) of Kern County. KAS is committed to ensuring that California meets its clean energy goals while conserving its important natural resources and wildlife, including SWHA. KAS believes that cumulative development over an extended period of time has contributed to the decline of SWHA breeding pairs in the AV and updated information about SWHA presence and use of the landscape is needed to inform better conservation and management of this species. KAS expects a detailed analysis of the Project's impacts (both direct and cumulative) on SWHA that utilize this area.

KAS appreciates the opportunity to comment on the NOP for the Euismod Energy Storage Project and to assist the County in identifying Project impacts on sensitive biological resources endemic to the Kern County Mojave Desert area.

Sincerely,

Franklin Bedard
Conservation Chair
Kern Audubon Society

13 Jan 2026

To:

Kern County Planning and Natural Resources Department
Attn: Keith Alvidrez, Planner III
2700 “M” Street, Suite 100
Bakersfield, CA 93301
(661) 862-5015; AlvidrezK@kerncounty.com

From:

Carol Schroeder, Trustee
ATN 261 103 08 00 7
REECE MILLARD & MARGUERITE TR
417 COUNTY ROAD 261
BLACKWELL TX 79506-1405

Subject: Notice of Preparation (NOP) of a Draft Environmental Impact Report (EIR) for the Euismod Energy Storage Project by Euismod Project LLC and Euismod Project I, LLC. (PP26401)

We hereby object to the proposed building of the Euismod Energy Storage Project as it pertains to the risks bordering to our land designated ATN 261 103 08 00 7. This includes, but is not limited, to both impacts to future agriculture development and lack of addressing all threatened and endangered species within Kern County.

Future Agriculture Development

We are currently exploring agricultural development of our property which could be affected by this project. Agricultural development is still authorized in Kern County, California. The county is recognized as a leading agricultural producer, with a diverse range of crops including almonds, grapes, and citrus fruits. It plays a crucial role in California's agricultural exports, contributing significantly to the state's economy and food supply. Kern County is always one of the top ranked counties in agricultural production in California, and in the nation

We are currently focused on exploring growing pistachios on this property. The industry in Kern County is supported by a community of farmers who are dedicated to sustainable farming practices and have a deep connection to their land and community. The county's role in the pistachio industry is crucial, as it accounts for a substantial portion of the U.S. production and is a key player in the global market.

We are also looking into setting up bee boxes throughout the pistachio orchard to help with production via increased pollination. According to a KESQ (Channel 3) News article in March of 2025, there has been a 62% loss of bee colonies during the previous 9 months. Therefore, no mater what agricultural product we eventually choose to pursue, they will be necessary.

We are currently in discussion with Grew Bryant Pumping Services who specialize in well services to fit our needs and possibly assist with new water well drilling and water well services. We fully understand before drilling a well, a site plan drawing must be prepared, and the site must be flagged or staked until actual drilling begins and ensure compliance with all necessary permits and requirements.

Being within less than 1 mile from this proposed site, we feel the risk of contamination leaking into underground water supply and spreading to adjacent soil, is of legitimate concern, especially during Kern County's Spring rainy season .

Endangered Species

This proposed project site is within the boundaries of an Agriculture Preserve. The designated North BESS area would include battery energy storage arrays, SCADA systems, an O&M building, storage containers, site power infrastructure, water infrastructure, site control and security infrastructure which can pose risk to indigenous species, or migrating species through our property. As those who cherish and respect nature, we are greatly concerned with this project.

While there was mention of the burrowing owl, and Western Joshua Tree, no mention or mitigation plan was cited for the Tipton kangaroo rat, the California condor and the desert tortoise who all fall under protected species within Kern County. In addition, Kern County is also home to the southwestern willow flycatcher (federally listed as endangered), which may migrate through our land during wet season which typically sees a 52% increase in seasonal rainfall during the Spring.

Reece Family California Land History

Our land was purchased over 55 years ago from the Lanval Corporation. In short, our family was promised great things for our investment in the Antelope Valley, but unfortunately, this has yet to fully materialize. As a result, we seek to ensure our future property investment remains intact and is not violated by impacts to any future agricultural development, as well as continuing to ensure threatened and endangered species are not harmed or destroyed.

The building of the Euismod Energy Storage Project is of great concern. Our father loved and cherished California and believed the land in Antelope Valley would be an excellent

investment for his family in the years to come. Born in 1921, our father lived through the Great Depression and voted for Franklin Delanor Roosevelt (FDR) who helped us climb out of the mess that was created by greedy bankers, businesses and financial monopolies who squeezed out “the little guy” …and by cheating and stealing from the American people. Having lived thought his era, he firmly believed owning land would help mitigate the Next Great Depression.

Respectfully,

Carol (Reece) Schroeder, Trustee
Reece Family Trust

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P: (626) 314-3821
F: (626) 389-5414
E: info@mitchtsailaw.com

Mitchell M. Tsai
Law Firm

139 South Hudson Avenue
Suite 200
Pasadena, California 91101

VIA E-MAIL

January 21, 2026

Kern County Planning and Natural Resources Department
Attn: Keith Alvidrez, Planner III
2700 "M" Street, Suite 100
Bakersfield, CA 93301
Em: AlvidrezK@kerncounty.com

RE: County of Kern – Euismod Energy Storage Project Notice of Preparation (NOP) of a Draft Environmental Impact Report (EIR) for the Euismod Energy Storage Project by Euismod Project LLC and Euismod Project I, LLC. (PP26401)

Dear Keith Alvidrez,

On behalf of the Western States Regional Council of Carpenters ("**WSRCC**" or "**Western Carpenters**"), my Office is submitting these comments on the County of Kern's ("**County**") Notice of Preparation of a Draft Environmental Impact Report ("**NOP**") for the Euismod Energy Storage Project (PP26401) ("**Project**").

The Western Carpenters is a labor union representing more than 90,000 union carpenters in twelve states, including California, and has a strong interest in well-ordered land use planning, addressing the environmental impacts of development projects and equitable economic development.

Individual members of the Western Carpenters live, work and recreate in the area and surrounding communities and would be directly affected by the Project's environmental impacts.

WSRCC expressly reserve the right to supplement these comments at or prior to hearings on the Project, and at any later hearings and proceedings related to this Project. Cal. Gov. Code § 65009(b); Cal. Pub. Res. Code § 21177(a); *Bakersfield Citizens for Local Control v. Bakersfield* (2004) 124 Cal. App. 4th 1184, 1199-1203; see *Galante Vineyards v. Monterey Water Dist.* (1997) 60 Cal. App. 4th 1109, 1121.

WSRCC incorporate by reference all comments raising issues regarding the environmental impact report ("**EIR**") submitted prior to certification of the EIR for the Project. *Citizens for Clean Energy v City of Woodland* (2014) 225 Cal. App. 4th 173, 191 (finding that any party who has objected to the Project's environmental documentation may assert any issue timely raised by other parties).

Moreover, WSRCC request that the Lead Agency provide notice for any and all notices referring or related to the Project issued under the California Environmental Quality Act ("**CEQA**"), Cal Public Resources Code ("**PRC**") § 21000 *et seq*, and the California Planning and Zoning Law ("**Planning and Zoning Law**"), Cal. Gov't Code §§ 65000–65010. California Public Resources Code Sections 21092.2, and 21167(f) and Government Code Section 65092 require agencies to mail such notices to any person who has filed a written request for them with the clerk of the agency's governing body.

The County should require community benefits such as requiring local hire and use of a skilled and trained workforce to build the Project. The City should require the use of workers who have graduated from a Joint Labor Management apprenticeship training program approved by the State of California, or have at least as many hours of on-the-job experience in the applicable craft which would be required to graduate from such a state approved apprenticeship training program or who are registered apprentices in an apprenticeship training program approved by the State of California.

Community benefits such as local hire and skilled and trained workforce requirements can also be helpful to reduce environmental impacts and improve the positive economic impact of the Project. Local hire provisions requiring that a certain percentage of workers reside within 10 miles or less of the Project Site can reduce the length of vendor trips, reduce greenhouse gas emissions and providing localized economic benefits. As environmental consultants Matt Hagemann and Paul E. Rosenfeld note:

> [A]ny local hire requirement that results in a decreased worker trip length from the default value has the potential to result in a reduction of construction-related GHG emissions, though the significance of the reduction would vary based on the location and urbanization level of the project site.

March 8, 2021 SWAPE Letter to Mitchell M. Tsai re Local Hire Requirements and Considerations for Greenhouse Gas Modeling.

Skilled and trained workforce requirements promote the development of skilled trades that yield sustainable economic development. As the California Workforce Development Board and the UC Berkeley Center for Labor Research and Education concluded:

> . . . labor should be considered an investment rather than a cost – and investments in growing, diversifying, and upskilling California's workforce can positively affect returns on climate mitigation efforts. In other words, well trained workers are key to delivering emissions reductions and moving California closer to its climate targets.[1]

Recently, on May 7, 2021, the South Coast Air Quality Management District found that that the "[u]se of a local state-certified apprenticeship program or a skilled and trained workforce with a local hire component" can result in air pollutant reductions.[2]

Cities are increasingly adopting local skilled and trained workforce policies and requirements into general plans and municipal codes. For example, the City of Hayward 2040 General Plan requires the City to "promote local hiring . . . to help achieve a more positive jobs-housing balance, and reduce regional commuting, gas consumption, and greenhouse gas emissions."[3]

In fact, the City of Hayward has gone as far as to adopt a Skilled Labor Force policy into its Downtown Specific Plan and municipal code, requiring developments in its Downtown area to requiring that the City "[c]ontribute to the stabilization of regional construction markets by spurring applicants of housing and nonresidential developments to require contractors to utilize apprentices from state-approved, joint

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[1] California Workforce Development Board (2020) Putting California on the High Road: A Jobs and Climate Action Plan for 2030 at p. ii, *available at* https://laborcenter.berkeley.edu/wp-content/uploads/2020/09/Putting-California-on-the-High-Road.pdf

[2] South Coast Air Quality Management District (May 7, 2021) Certify Final Environmental Assessment and Adopt Proposed Rule 2305 – Warehouse Indirect Source Rule – Warehouse Actions and Investments to Reduce Emissions Program, and Proposed Rule 316 – Fees for Rule 2305, Submit Rule 2305 for Inclusion Into the SIP, and Approve Supporting Budget Actions, *available at* http://www.aqmd.gov/docs/default-source/Agendas/Governing-Board/2021/2021-May7-027.pdf?sfvrsn=10

[3] City of Hayward (2014) Hayward 2040 General Plan Policy Document at p. 3-99, *available at* https://www.hayward-ca.gov/sites/default/files/documents/General_Plan_FINAL.pdf.

labor-management training programs, . . ."[4] In addition, the City of Hayward requires all projects 30,000 square feet or larger to "utilize apprentices from state-approved, joint labor-management training programs."[5]

Locating jobs closer to residential areas can have significant environmental benefits. As the California Planning Roundtable noted in 2008:

> People who live and work in the same jurisdiction would be more likely to take transit, walk, or bicycle to work than residents of less balanced communities and their vehicle trips would be shorter. Benefits would include potential reductions in both vehicle miles traveled and vehicle hours traveled.[6]

In addition, local hire mandates as well as skill training are critical facets of a strategy to reduce vehicle miles traveled. As planning experts Robert Cervero and Michael Duncan noted, simply placing jobs near housing stock is insufficient to achieve VMT reductions since the skill requirements of available local jobs must be matched to those held by local residents.[7] Some municipalities have tied local hire and skilled and trained workforce policies to local development permits to address transportation issues. As Cervero and Duncan note:

> In nearly built-out Berkeley, CA, the approach to balancing jobs and housing is to create local jobs rather than to develop new housing." The city's First Source program encourages businesses to hire local residents, especially for entry- and intermediate-level jobs, and sponsors vocational training to ensure residents are employment-ready. While the program is voluntary, some 300 businesses have used it to date, placing more than 3,000 city residents in local jobs since it was launched in 1986. When

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[4] City of Hayward (2019) Hayward Downtown Specific Plan at p. 5-24, *available at* https://www.hayward-ca.gov/sites/default/files/Hayward%20Downtown%20Specific%20Plan.pdf.

[5] City of Hayward Municipal Code, Chapter 10, § 28.5.3.020(C).

[6] California Planning Roundtable (2008) Deconstructing Jobs-Housing Balance at p. 6, *available at* https://cproundtable.org/static/media/uploads/publications/cpr-jobs-housing.pdf

[7] Cervero, Robert and Duncan, Michael (2006) Which Reduces Vehicle Travel More: Jobs-Housing Balance or Retail-Housing Mixing? Journal of the American Planning Association 72 (4), 475-490, 482, *available at* http://reconnectingamerica.org/assets/Uploads/UTCT-825.pdf.

> needed, these carrots are matched by sticks, since the city is not shy about negotiating corporate participation in First Source as a condition of approval for development permits.

The County should consider utilizing skilled and trained workforce policies and requirements to benefit the local area economically and mitigate greenhouse gas, air quality and transportation impacts.

Also, the City should require the Project to be built to standards exceeding the current 2019 California Green Building Code and 2020 County of Los Angeles Green Building Standards Code to mitigate the Project's environmental impacts and to advance progress towards the State of California's environmental goals.

I. THE CALIFORNIA ENVIRONMENTAL QUALITY ACT

A. Background Concerning the California Environmental Quality Act

CEQA has two basic purposes. First, CEQA is designed to inform decision makers and the public about the potential, significant environmental effects of a project. CEQA Guidelines § 15002(a)(1). "Its purpose is to inform the public and its responsible officials of the environmental consequences of their decisions *before* they are made. Thus, the EIR 'protects not only the environment but also informed self-government.' [Citation.]" *Citizens of Goleta Valley v. Board of Supervisors* (1990) 52 Cal. 3d 553, 564. The EIR has been described as "an environmental 'alarm bell' whose purpose it is to alert the public and its responsible officials to environmental changes before they have reached ecological points of no return." *Berkeley Keep Jets Over the Bay v. Bd. of Port Comm'rs.* (2001) 91 Cal. App. 4th 1344, 1354 ("*Berkeley Jets")*; *County of Inyo v. Yorty* (1973) 32 Cal. App. 3d 795, 810.

Second, CEQA directs public agencies to avoid or reduce environmental damage when possible by requiring alternatives or mitigation measures. CEQA Guidelines § 15002(a)(2) and (3). *See also, Berkeley Jets,* 91 Cal. App. 4th 1344, 1354; *Citizens of Goleta Valley v. Board of Supervisors* (1990) 52 Cal. 3d 553; *Laurel Heights Improvement Ass'n v. Regents of the University of California* (1988) 47 Cal. 3d 376, 400. The EIR serves to provide public agencies and the public in general with information about the effect that a proposed project is likely to have on the environment and to "identify ways that environmental damage can be avoided or significantly reduced." CEQA Guidelines § 15002(a)(2). If the project has a significant effect on the environment, the agency may approve the project only upon finding that it has "eliminated or substantially lessened

all significant effects on the environment where feasible" and that any unavoidable significant effects on the environment are "acceptable due to overriding concerns" specified in CEQA section 21081. CEQA Guidelines § 15092(b)(2)(A–B).

While the courts review an EIR using an "abuse of discretion" standard, "the reviewing court is not to 'uncritically rely on every study or analysis presented by a project proponent in support of its position.' A 'clearly inadequate or unsupported study is entitled to no judicial deference.'" *Berkeley Jets*, 91 Cal. App. 4th 1344, 1355 (emphasis added) (quoting *Laurel Heights,* 47 Cal. 3d at 391, 409 fn. 12). Drawing this line and determining whether the EIR complies with CEQA's information disclosure requirements presents a question of law subject to independent review by the courts. (*Sierra Club v. Cnty. of Fresno* (2018) 6 Cal. 5th 502, 515; *Madera Oversight Coalition, Inc. v. County of Madera* (2011) 199 Cal. App. 4th 48, 102, 131.) As the court stated in *Berkeley Jets*, 91 Cal. App. 4th at 1355:

> A prejudicial abuse of discretion occurs "if the failure to include relevant information precludes informed decision-making and informed public participation, thereby thwarting the statutory goals of the EIR process.

The preparation and circulation of an EIR is more than a set of technical hurdles for agencies and developers to overcome. The EIR's function is to ensure that government officials who decide to build or approve a project do so with a full understanding of the environmental consequences and, equally important, that the public is assured those consequences have been considered. For the EIR to serve these goals it must present information so that the foreseeable impacts of pursuing the project can be understood and weighed, and the public must be given an adequate opportunity to comment on that presentation before the decision to go forward is made. *Communities for a Better Environment v. Richmond* (2010) 184 Cal. App. 4th 70, 80 (quoting *Vineyard Area Citizens for Responsible Growth, Inc. v. City of Rancho Cordova* (2007) 40 Cal. 4th 412, 449–450).

B. Due to the COVID-19 Crisis, the District Must Adopt a Mandatory Finding of Significance that the Project May Cause a Substantial Adverse Effect on Human Beings and Mitigate COVID-19 Impacts

CEQA requires that an agency make a finding of significance when a Project may cause a significant adverse effect on human beings. PRC § 21083(b)(3); CEQA Guidelines § 15065(a)(4).

Public health risks related to construction work requires a mandatory finding of significance under CEQA. Construction work has been defined as a Lower to High-risk activity for COVID-19 spread by the Occupations Safety and Health Administration. Recently, several construction sites have been identified as sources of community spread of COVID-19.[8]

Western Carpenters recommend that the Lead Agency adopt additional CEQA mitigation measures to mitigate public health risks from the Project's construction activities. Western Carpenters requests that the Lead Agency require safe on-site construction work practices as well as training and certification for any construction workers on the Project Site.

In particular, based upon Western Carpenters' experience with safe construction site work practices, Western Carpenters recommends that the Lead Agency require that while construction activities are being conducted at the Project Site:

Construction Site Design:

- The Project Site will be limited to two controlled entry points.
- Entry points will have temperature screening technicians taking temperature readings when the entry point is open.
- The Temperature Screening Site Plan shows details regarding access to the Project Site and Project Site logistics for conducting temperature screening.
- A 48-hour advance notice will be provided to all trades prior to the first day of temperature screening.
- The perimeter fence directly adjacent to the entry points will be clearly marked indicating the appropriate 6-foot social distancing position for when you approach the

[8] Santa Clara County Public Health (June 12, 2020) COVID-19 CASES AT CONSTRUCTION SITES HIGHLIGHT NEED FOR CONTINUED VIGILANCE IN SECTORS THAT HAVE REOPENED, *available at* https://www.sccgov.org/sites/covid19/Pages/press-release-06-12-2020-cases-at-construction-sites.aspx.

screening area. Please reference the Apex temperature screening site map for additional details.

- There will be clear signage posted at the project site directing you through temperature screening.

- Provide hand washing stations throughout the construction site.

Testing Procedures:

- The temperature screening being used are non-contact devices.

- Temperature readings will not be recorded.

- Personnel will be screened upon entering the testing center and should only take 1-2 seconds per individual.

- Hard hats, head coverings, sweat, dirt, sunscreen or any other cosmetics must be removed on the forehead before temperature screening.

- Anyone who refuses to submit to a temperature screening or does not answer the health screening questions will be refused access to the Project Site.

- Screening will be performed at both entrances from 5:30 am to 7:30 am.; main gate [ZONE 1] and personnel gate [ZONE 2]

- After 7:30 am only the main gate entrance [ZONE 1] will continue to be used for temperature testing for anybody gaining entry to the project site such as returning personnel, deliveries, and visitors.

- If the digital thermometer displays a temperature reading above 100.0 degrees Fahrenheit, a second reading will be taken to verify an accurate reading.

- If the second reading confirms an elevated temperature, DHS will instruct the individual that he/she

will not be allowed to enter the Project Site. DHS will also instruct the individual to promptly notify his/her supervisor and his/her human resources (HR) representative and provide them with a copy of Annex A.

Planning

- Require the development of an Infectious Disease Preparedness and Response Plan that will include basic infection prevention measures (requiring the use of personal protection equipment), policies and procedures for prompt identification and isolation of sick individuals, social distancing (prohibiting gatherings of no more than 10 people including all-hands meetings and all-hands lunches) communication and training and workplace controls that meet standards that may be promulgated by the Center for Disease Control, Occupational Safety and Health Administration, Cal/OSHA, California Department of Public Health or applicable local public health agencies.[9]

The United Brotherhood of Carpenters and Carpenters International Training Fund has developed COVID-19 Training and Certification to ensure that Carpenter union members and apprentices conduct safe work practices. The Agency should require that all construction workers undergo COVID-19 Training and Certification before being allowed to conduct construction activities at the Project Site.

Western Carpenters has also developed a rigorous Infection Control Risk Assessment ("**ICRA**") training program to ensure it delivers a workforce that understands how to identify and control infection risks by implementing protocols to protect themselves

[9] *See also* The Center for Construction Research and Training, North America's Building Trades Unions (April 27 2020) NABTU and CPWR COVIC-19 Standards for U.S Constructions Sites, *available at* https://www.cpwr.com/sites/default/files/NABTU_CPWR_Standards_COVID-19.pdf; Los Angeles County Department of Public Works (2020) Guidelines for Construction Sites During COVID-19 Pandemic, *available at* https://dpw.lacounty.gov/building-and-safety/docs/pw_guidelines-construction-sites.pdf.

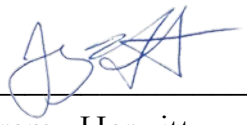
and all others during renovation and construction projects in healthcare environments.[10]

ICRA protocols are intended to contain pathogens, control airflow, and protect patients during the construction, maintenance and renovation of healthcare facilities. ICRA protocols prevent cross contamination, minimizing the risk of secondary infections in patients at hospital facilities.

The County should require the Project to be built using a workforce trained in ICRA protocols.

If the County has any questions or concerns, feel free to contact my Office.

Sincerely,



Jeremy Herwitt
Attorneys for Western States Regional Council of Carpenters

Attached:

March 8, 2021 SWAPE Letter to Mitchell M. Tsai re Local Hire Requirements and Considerations for Greenhouse Gas Modeling (Exhibit A);

Air Quality and GHG Expert Paul Rosenfeld CV (Exhibit B); and

Air Quality and GHG Expert Matt Hagemann CV (Exhibit C).

[10] For details concerning Western Carpenters's ICRA training program, *see* https://icrahealthcare.com/.

EXHIBIT A

SWAPE Technical Consultation, Data Analysis and Litigation Support for the Environment

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March 8, 2021

Mitchell M. Tsai
155 South El Molino, Suite 104
Pasadena, CA 91101

Subject: Local Hire Requirements and Considerations for Greenhouse Gas Modeling

Dear Mr. Tsai,

Soil Water Air Protection Enterprise ("SWAPE") is pleased to provide the following draft technical report explaining the significance of worker trips required for construction of land use development projects with respect to the estimation of greenhouse gas ("GHG") emissions. The report will also discuss the potential for local hire requirements to reduce the length of worker trips, and consequently, reduced or mitigate the potential GHG impacts.

Worker Trips and Greenhouse Gas Calculations

The California Emissions Estimator Model ("CalEEMod") is a "statewide land use emissions computer model designed to provide a uniform platform for government agencies, land use planners, and environmental professionals to quantify potential criteria pollutant and greenhouse gas (GHG) emissions associated with both construction and operations from a variety of land use projects."[1] CalEEMod quantifies construction-related emissions associated with land use projects resulting from off-road construction equipment; on-road mobile equipment associated with workers, vendors, and hauling; fugitive dust associated with grading, demolition, truck loading, and on-road vehicles traveling along paved and unpaved roads; and architectural coating activities; and paving.[2]

The number, length, and vehicle class of worker trips are utilized by CalEEMod to calculate emissions associated with the on-road vehicle trips required to transport workers to and from the Project site during construction.[3]

[1] "California Emissions Estimator Model." CAPCOA, 2017, *available at:* http://www.aqmd.gov/caleemod/home.
[2] "California Emissions Estimator Model." CAPCOA, 2017, *available at:* http://www.aqmd.gov/caleemod/home.
[3] "CalEEMod User's Guide." CAPCOA, November 2017, *available at:* http://www.aqmd.gov/docs/default-source/caleemod/01_user-39-s-guide2016-3-2_15november2017.pdf?sfvrsn=4, p. 34.

Specifically, the number and length of vehicle trips is utilized to estimate the vehicle miles travelled ("VMT") associated with construction. Then, utilizing vehicle-class specific EMFAC 2014 emission factors, CalEEMod calculates the vehicle exhaust, evaporative, and dust emissions resulting from construction-related VMT, including personal vehicles for worker commuting.[4]

Specifically, in order to calculate VMT, CalEEMod multiplies the average daily trip rate by the average overall trip length (see excerpt below):

> "$VMT_d = \Sigma(\text{Average Daily Trip Rate}_i * \text{Average Overall Trip Length}_i)_n$
>
> Where:
>
> n = Number of land uses being modeled."[5]

Furthermore, to calculate the on-road emissions associated with worker trips, CalEEMod utilizes the following equation (see excerpt below):

> "$\text{Emissions}_{pollutant} = VMT * EF_{running,pollutant}$
>
> Where:
>
> $\text{Emissions}_{pollutant}$ = emissions from vehicle running for each pollutant
>
> VMT = vehicle miles traveled
>
> $EF_{running,pollutant}$ = emission factor for running emissions."[6]

Thus, there is a direct relationship between trip length and VMT, as well as a direct relationship between VMT and vehicle running emissions. In other words, when the trip length is increased, the VMT and vehicle running emissions increase as a result. Thus, vehicle running emissions can be reduced by decreasing the average overall trip length, by way of a local hire requirement or otherwise.

Default Worker Trip Parameters and Potential Local Hire Requirements

As previously discussed, the number, length, and vehicle class of worker trips are utilized by CalEEMod to calculate emissions associated with the on-road vehicle trips required to transport workers to and from the Project site during construction.[7] In order to understand how local hire requirements and associated worker trip length reductions impact GHG emissions calculations, it is important to consider the CalEEMod default worker trip parameters. CalEEMod provides recommended default values based on site-specific information, such as land use type, meteorological data, total lot acreage, project type and typical equipment associated with project type. If more specific project information is known, the user can change the default values and input project-specific values, but the California Environmental Quality Act ("CEQA") requires that such changes be justified by substantial evidence.[8] The default number of construction-related worker trips is calculated by multiplying the

[4] "Appendix A Calculation Details for CalEEMod." CAPCOA, October 2017, *available at:* http://www.aqmd.gov/docs/default-source/caleemod/02_appendix-a2016-3-2.pdf?sfvrsn=6, p. 14-15.
[5] "Appendix A Calculation Details for CalEEMod." CAPCOA, October 2017, *available at:* http://www.aqmd.gov/docs/default-source/caleemod/02_appendix-a2016-3-2.pdf?sfvrsn=6, p. 23.
[6] "Appendix A Calculation Details for CalEEMod." CAPCOA, October 2017, *available at:* http://www.aqmd.gov/docs/default-source/caleemod/02_appendix-a2016-3-2.pdf?sfvrsn=6, p. 15.
[7] "CalEEMod User's Guide." CAPCOA, November 2017, *available at:* http://www.aqmd.gov/docs/default-source/caleemod/01_user-39-s-guide2016-3-2_15november2017.pdf?sfvrsn=4, p. 34.
[8] CalEEMod User Guide, *available at:* http://www.caleemod.com/, p. 1, 9.

number of pieces of equipment for all phases by 1.25, with the exception of worker trips required for the building construction and architectural coating phases.[9] Furthermore, the worker trip vehicle class is a 50/25/25 percent mix of light duty autos, light duty truck class 1 and light duty truck class 2, respectively."[10] Finally, the default worker trip length is consistent with the length of the operational home-to-work vehicle trips.[11] The operational home-to-work vehicle trip lengths are:

> "[B]ased on the *location* and *urbanization* selected on the project characteristic screen. These values were *supplied by the air districts or use a default average for the state*. Each district (or county) also assigns trip lengths for urban and rural settings" (emphasis added). [12]

Thus, the default worker trip length is based on the location and urbanization level selected by the User when modeling emissions. The below table shows the CalEEMod default rural and urban worker trip lengths by air basin (see excerpt below and Attachment A).[13]

Worker Trip Length by Air Basin		
Air Basin	**Rural (miles)**	**Urban (miles)**
Great Basin Valleys	16.8	10.8
Lake County	16.8	10.8
Lake Tahoe	16.8	10.8
Mojave Desert	16.8	10.8
Mountain Counties	16.8	10.8
North Central Coast	17.1	12.3
North Coast	16.8	10.8
Northeast Plateau	16.8	10.8
Sacramento Valley	16.8	10.8
Salton Sea	14.6	11
San Diego	16.8	10.8
San Francisco Bay Area	10.8	10.8
San Joaquin Valley	16.8	10.8
South Central Coast	16.8	10.8
South Coast	19.8	14.7
Average	**16.47**	**11.17**
Minimum	**10.80**	**10.80**
Maximum	**19.80**	**14.70**
Range	**9.00**	**3.90**

[9] "CalEEMod User's Guide." CAPCOA, November 2017, *available at:* http://www.aqmd.gov/docs/default-source/caleemod/01_user-39-s-guide2016-3-2_15november2017.pdf?sfvrsn=4, p. 34.
[10] "Appendix A Calculation Details for CalEEMod." CAPCOA, October 2017, *available at:* http://www.aqmd.gov/docs/default-source/caleemod/02_appendix-a2016-3-2.pdf?sfvrsn=6, p. 15.
[11] "Appendix A Calculation Details for CalEEMod." CAPCOA, October 2017, *available at:* http://www.aqmd.gov/docs/default-source/caleemod/02_appendix-a2016-3-2.pdf?sfvrsn=6, p. 14.
[12] "Appendix A Calculation Details for CalEEMod." CAPCOA, October 2017, *available at:* http://www.aqmd.gov/docs/default-source/caleemod/02_appendix-a2016-3-2.pdf?sfvrsn=6, p. 21.
[13] "Appendix D Default Data Tables." CAPCOA, October 2017, *available at:* http://www.aqmd.gov/docs/default-source/caleemod/05_appendix-d2016-3-2.pdf?sfvrsn=4, p. D-84 – D-86.

As demonstrated above, default rural worker trip lengths for air basins in California vary from 10.8- to 19.8-miles, with an average of 16.47 miles. Furthermore, default urban worker trip lengths vary from 10.8- to 14.7-miles, with an average of 11.17 miles. Thus, while default worker trip lengths vary by location, default urban worker trip lengths tend to be shorter in length. Based on these trends evident in the CalEEMod default worker trip lengths, we can reasonably assume that the efficacy of a local hire requirement is especially dependent upon the urbanization of the project site, as well as the project location.

Practical Application of a Local Hire Requirement and Associated Impact

To provide an example of the potential impact of a local hire provision on construction-related GHG emissions, we estimated the significance of a local hire provision for the Village South Specific Plan ("Project") located in the City of Claremont ("City"). The Project proposed to construct 1,000 residential units, 100,000-SF of retail space, 45,000-SF of office space, as well as a 50-room hotel, on the 24-acre site. The Project location is classified as Urban and lies within the Los Angeles-South Coast County. As a result, the Project has a default worker trip length of 14.7 miles.[14] In an effort to evaluate the potential for a local hire provision to reduce the Project's construction-related GHG emissions, we prepared an updated model, reducing all worker trip lengths to 10 miles (see Attachment B). Our analysis estimates that if a local hire provision with a 10-mile radius were to be implemented, the GHG emissions associated with Project construction would decrease by approximately 17% (see table below and Attachment C).

Local Hire Provision Net Change	
Without Local Hire Provision	
Total Construction GHG Emissions (MT CO_2e)	3,623
Amortized Construction GHG Emissions (MT CO_2e/year)	120.77
With Local Hire Provision	
Total Construction GHG Emissions (MT CO2e)	3,024
Amortized Construction GHG Emissions (MT CO_2e/year)	100.80
% Decrease in Construction-related GHG Emissions	***17%***

As demonstrated above, by implementing a local hire provision requiring 10 mile worker trip lengths, the Project could reduce potential GHG emissions associated with construction worker trips. More broadly, any local hire requirement that results in a decreased worker trip length from the default value has the potential to result in a reduction of construction-related GHG emissions, though the significance of the reduction would vary based on the location and urbanization level of the project site.

This serves as an example of the potential impacts of local hire requirements on estimated project-level GHG emissions, though it does not indicate that local hire requirements would result in reduced construction-related GHG emission for all projects. As previously described, the significance of a local hire requirement depends on the worker trip length enforced and the default worker trip length for the project's urbanization level and location.

[14] "Appendix D Default Data Tables." CAPCOA, October 2017, *available at:* http://www.aqmd.gov/docs/default-source/caleemod/05_appendix-d2016-3-2.pdf?sfvrsn=4, p. D-85.

Disclaimer

SWAPE has received limited discovery. Additional information may become available in the future; thus, we retain the right to revise or amend this report when additional information becomes available. Our professional services have been performed using that degree of care and skill ordinarily exercised, under similar circumstances, by reputable environmental consultants practicing in this or similar localities at the time of service. No other warranty, expressed or implied, is made as to the scope of work, work methodologies and protocols, site conditions, analytical testing results, and findings presented. This report reflects efforts which were limited to information that was reasonably accessible at the time of the work, and may contain informational gaps, inconsistencies, or otherwise be incomplete due to the unavailability or uncertainty of information obtained or provided by third parties.

Sincerely,



Matt Hagemann, P.G., C.Hg.



Paul E. Rosenfeld, Ph.D.

Location Type	Location Name	Rural H-W (miles)	Urban H-W (miles)
Air Basin	Great Basin	16.8	10.8
Air Basin	Lake County	16.8	10.8
Air Basin	Lake Tahoe	16.8	10.8
Air Basin	Mojave Desert	16.8	10.8
Air Basin	Mountain	16.8	10.8
Air Basin	North Central	17.1	12.3
Air Basin	North Coast	16.8	10.8
Air Basin	Northeast	16.8	10.8
Air Basin	Sacramento	16.8	10.8
Air Basin	Salton Sea	14.6	11
Air Basin	San Diego	16.8	10.8
Air Basin	San Francisco	10.8	10.8
Air Basin	San Joaquin	16.8	10.8
Air Basin	South Central	16.8	10.8
Air Basin	South Coast	19.8	14.7
Air District	Amador County	16.8	10.8
Air District	Antelope Valley	16.8	10.8
Air District	Bay Area AQMD	10.8	10.8
Air District	Butte County	12.54	12.54
Air District	Calaveras	16.8	10.8
Air District	Colusa County	16.8	10.8
Air District	El Dorado	16.8	10.8
Air District	Feather River	16.8	10.8
Air District	Glenn County	16.8	10.8
Air District	Great Basin	16.8	10.8
Air District	Imperial County	10.2	7.3
Air District	Kern County	16.8	10.8
Air District	Lake County	16.8	10.8
Air District	Lassen County	16.8	10.8
Air District	Mariposa	16.8	10.8
Air District	Mendocino	16.8	10.8
Air District	Modoc County	16.8	10.8
Air District	Mojave Desert	16.8	10.8
Air District	Monterey Bay	16.8	10.8
Air District	North Coast	16.8	10.8
Air District	Northern Sierra	16.8	10.8
Air District	Northern	16.8	10.8
Air District	Placer County	16.8	10.8
Air District	Sacramento	15	10

Air District	San Diego	16.8	10.8
Air District	San Joaquin	16.8	10.8
Air District	San Luis Obispo	13	13
Air District	Santa Barbara	8.3	8.3
Air District	Shasta County	16.8	10.8
Air District	Siskiyou County	16.8	10.8
Air District	South Coast	19.8	14.7
Air District	Tehama County	16.8	10.8
Air District	Tuolumne	16.8	10.8
Air District	Ventura County	16.8	10.8
Air District	Yolo/Solano	15	10
County	Alameda	10.8	10.8
County	Alpine	16.8	10.8
County	Amador	16.8	10.8
County	Butte	12.54	12.54
County	Calaveras	16.8	10.8
County	Colusa	16.8	10.8
County	Contra Costa	10.8	10.8
County	Del Norte	16.8	10.8
County	El Dorado-Lake	16.8	10.8
County	El Dorado-	16.8	10.8
County	Fresno	16.8	10.8
County	Glenn	16.8	10.8
County	Humboldt	16.8	10.8
County	Imperial	10.2	7.3
County	Inyo	16.8	10.8
County	Kern-Mojave	16.8	10.8
County	Kern-San	16.8	10.8
County	Kings	16.8	10.8
County	Lake	16.8	10.8
County	Lassen	16.8	10.8
County	Los Angeles-	16.8	10.8
County	Los Angeles-	19.8	14.7
County	Madera	16.8	10.8
County	Marin	10.8	10.8
County	Mariposa	16.8	10.8
County	Mendocino-	16.8	10.8
County	Mendocino-	16.8	10.8
County	Mendocino-	16.8	10.8
County	Mendocino-	16.8	10.8
County	Merced	16.8	10.8
County	Modoc	16.8	10.8
County	Mono	16.8	10.8
County	Monterey	16.8	10.8
County	Napa	10.8	10.8

County	Nevada	16.8	10.8
County	Orange	19.8	14.7
County	Placer-Lake	16.8	10.8
County	Placer-Mountain	16.8	10.8
County	Placer-	16.8	10.8
County	Plumas	16.8	10.8
County	Riverside-	16.8	10.8
County	Riverside-	19.8	14.7
County	Riverside-Salton	14.6	11
County	Riverside-South	19.8	14.7
County	Sacramento	15	10
County	San Benito	16.8	10.8
County	San Bernardino-	16.8	10.8
County	San Bernardino-	19.8	14.7
County	San Diego	16.8	10.8
County	San Francisco	10.8	10.8
County	San Joaquin	16.8	10.8
County	San Luis Obispo	13	13
County	San Mateo	10.8	10.8
County	Santa Barbara-	8.3	8.3
County	Santa Barbara-	8.3	8.3
County	Santa Clara	10.8	10.8
County	Santa Cruz	16.8	10.8
County	Shasta	16.8	10.8
County	Sierra	16.8	10.8
County	Siskiyou	16.8	10.8
County	Solano-	15	10
County	Solano-San	16.8	10.8
County	Sonoma-North	16.8	10.8
County	Sonoma-San	10.8	10.8
County	Stanislaus	16.8	10.8
County	Sutter	16.8	10.8
County	Tehama	16.8	10.8
County	Trinity	16.8	10.8
County	Tulare	16.8	10.8
County	Tuolumne	16.8	10.8
County	Ventura	16.8	10.8
County	Yolo	15	10
County	Yuba	16.8	10.8
Statewide	Statewide	16.8	10.8

Worker Trip Length by Air Basin		
Air Basin	**Rural (miles)**	**Urban (miles)**
Great Basin Valleys	16.8	10.8
Lake County	16.8	10.8
Lake Tahoe	16.8	10.8
Mojave Desert	16.8	10.8
Mountain Counties	16.8	10.8
North Central Coast	17.1	12.3
North Coast	16.8	10.8
Northeast Plateau	16.8	10.8
Sacramento Valley	16.8	10.8
Salton Sea	14.6	11
San Diego	16.8	10.8
San Francisco Bay Area	10.8	10.8
San Joaquin Valley	16.8	10.8
South Central Coast	16.8	10.8
South Coast	19.8	14.7
Average	**16.47**	**11.17**
Mininum	**10.80**	**10.80**
Maximum	**19.80**	**14.70**
Range	**9.00**	**3.90**

Village South Specific Plan (Proposed)

Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	45.00	1000sqft	1.03	45,000.00	0
High Turnover (Sit Down Restaurant)	36.00	1000sqft	0.83	36,000.00	0
Hotel	50.00	Room	1.67	72,600.00	0
Quality Restaurant	8.00	1000sqft	0.18	8,000.00	0
Apartments Low Rise	25.00	Dwelling Unit	1.56	25,000.00	72
Apartments Mid Rise	975.00	Dwelling Unit	25.66	975,000.00	2789
Regional Shopping Center	56.00	1000sqft	1.29	56,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	9			**Operational Year**	2028
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

Project Characteristics - Consistent with the DEIR's model.

Land Use - See SWAPE comment regarding residential and retail land uses.

Construction Phase - See SWAPE comment regarding individual construction phase lengths.

Demolition - Consistent with the DEIR's model. See SWAPE comment regarding demolition.

Vehicle Trips - Saturday trips consistent with the DEIR's model. See SWAPE comment regarding weekday and Sunday trips.

Woodstoves - Woodstoves and wood-burning fireplaces consistent with the DEIR's model. See SWAPE comment regarding gas fireplaces.

Energy Use -

Construction Off-road Equipment Mitigation - See SWAPE comment on construction-related mitigation.

Area Mitigation - See SWAPE comment regarding operational mitigation measures.

Water Mitigation - See SWAPE comment regarding operational mitigation measures.

Table Name	Column Name	Default Value	New Value
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberWood	1.25	0.00
tblFireplaces	NumberWood	48.75	0.00
tblVehicleTrips	ST_TR	7.16	6.17
tblVehicleTrips	ST_TR	6.39	3.87
tblVehicleTrips	ST_TR	2.46	1.39
tblVehicleTrips	ST_TR	158.37	79.82
tblVehicleTrips	ST_TR	8.19	3.75
tblVehicleTrips	ST_TR	94.36	63.99
tblVehicleTrips	ST_TR	49.97	10.74
tblVehicleTrips	SU_TR	6.07	6.16
tblVehicleTrips	SU_TR	5.86	4.18
tblVehicleTrips	SU_TR	1.05	0.69
tblVehicleTrips	SU_TR	131.84	78.27

tblVehicleTrips	SU_TR	5.95	3.20
tblVehicleTrips	SU_TR	72.16	57.65
tblVehicleTrips	SU_TR	25.24	6.39
tblVehicleTrips	WD_TR	6.59	5.83
tblVehicleTrips	WD_TR	6.65	4.13
tblVehicleTrips	WD_TR	11.03	6.41
tblVehicleTrips	WD_TR	127.15	65.80
tblVehicleTrips	WD_TR	8.17	3.84
tblVehicleTrips	WD_TR	89.95	62.64
tblVehicleTrips	WD_TR	42.70	9.43
tblWoodstoves	NumberCatalytic	1.25	0.00
tblWoodstoves	NumberCatalytic	48.75	0.00
tblWoodstoves	NumberNoncatalytic	1.25	0.00
tblWoodstoves	NumberNoncatalytic	48.75	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.1713	1.8242	1.1662	2.4000e-003	0.4169	0.0817	0.4986	0.1795	0.0754	0.2549	0.0000	213.1969	213.1969	0.0601	0.0000	214.6993
2022	0.6904	4.1142	6.1625	0.0189	1.3058	0.1201	1.4259	0.3460	0.1128	0.4588	0.0000	1,721.6826	1,721.6826	0.1294	0.0000	1,724.9187
2023	0.6148	3.3649	5.6747	0.0178	1.1963	0.0996	1.2959	0.3203	0.0935	0.4138	0.0000	1,627.5295	1,627.5295	0.1185	0.0000	1,630.4925
2024	4.1619	0.1335	0.2810	5.9000e-004	0.0325	6.4700e-003	0.0390	8.6300e-003	6.0400e-003	0.0147	0.0000	52.9078	52.9078	8.0200e-003	0.0000	53.1082
Maximum	**4.1619**	**4.1142**	**6.1625**	**0.0189**	**1.3058**	**0.1201**	**1.4259**	**0.3460**	**0.1128**	**0.4588**	**0.0000**	**1,721.6826**	**1,721.6826**	**0.1294**	**0.0000**	**1,724.9187**

2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.1713	1.8242	1.1662	2.4000e-003	0.4169	0.0817	0.4986	0.1795	0.0754	0.2549	0.0000	213.1967	213.1967	0.0601	0.0000	214.6991
2022	0.6904	4.1142	6.1625	0.0189	1.3058	0.1201	1.4259	0.3460	0.1128	0.4588	0.0000	1,721.6823	1,721.6823	0.1294	0.0000	1,724.9183
2023	0.6148	3.3648	5.6747	0.0178	1.1963	0.0996	1.2959	0.3203	0.0935	0.4138	0.0000	1,627.5291	1,627.5291	0.1185	0.0000	1,630.4921
2024	4.1619	0.1335	0.2810	5.9000e-004	0.0325	6.4700e-003	0.0390	8.6300e-003	6.0400e-003	0.0147	0.0000	52.9077	52.9077	8.0200e-003	0.0000	53.1082
Maximum	**4.1619**	**4.1142**	**6.1625**	**0.0189**	**1.3058**	**0.1201**	**1.4259**	**0.3460**	**0.1128**	**0.4588**	**0.0000**	**1,721.6823**	**1,721.6823**	**0.1294**	**0.0000**	**1,724.9183**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	9-1-2021	11-30-2021	1.4103	1.4103
2	12-1-2021	2-28-2022	1.3613	1.3613
3	3-1-2022	5-31-2022	1.1985	1.1985
4	6-1-2022	8-31-2022	1.1921	1.1921
5	9-1-2022	11-30-2022	1.1918	1.1918
6	12-1-2022	2-28-2023	1.0774	1.0774
7	3-1-2023	5-31-2023	1.0320	1.0320
8	6-1-2023	8-31-2023	1.0260	1.0260

9	**9-1-2023**	**11-30-2023**	1.0265	1.0265
10	**12-1-2023**	**2-29-2024**	2.8857	2.8857
11	**3-1-2024**	**5-31-2024**	1.6207	1.6207
		Highest	2.8857	2.8857

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	5.1437	0.2950	10.3804	1.6700e-003		0.0714	0.0714		0.0714	0.0714	0.0000	220.9670	220.9670	0.0201	3.7400e-003	222.5835
Energy	0.1398	1.2312	0.7770	7.6200e-003		0.0966	0.0966		0.0966	0.0966	0.0000	3,896.0732	3,896.0732	0.1303	0.0468	3,913.2833
Mobile	1.5857	7.9962	19.1834	0.0821	7.7979	0.0580	7.8559	2.0895	0.0539	2.1434	0.0000	7,620.4986	7,620.4986	0.3407	0.0000	7,629.0162
Waste						0.0000	0.0000		0.0000	0.0000	207.8079	0.0000	207.8079	12.2811	0.0000	514.8354
Water						0.0000	0.0000		0.0000	0.0000	29.1632	556.6420	585.8052	3.0183	0.0755	683.7567
Total	**6.8692**	**9.5223**	**30.3407**	**0.0914**	**7.7979**	**0.2260**	**8.0240**	**2.0895**	**0.2219**	**2.3114**	**236.9712**	**12,294.1807**	**12,531.1519**	**15.7904**	**0.1260**	**12,963.4751**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	5.1437	0.2950	10.3804	1.6700e-003		0.0714	0.0714		0.0714	0.0714	0.0000	220.9670	220.9670	0.0201	3.7400e-003	222.5835
Energy	0.1398	1.2312	0.7770	7.6200e-003		0.0966	0.0966		0.0966	0.0966	0.0000	3,896.0732	3,896.0732	0.1303	0.0468	3,913.2833
Mobile	1.5857	7.9962	19.1834	0.0821	7.7979	0.0580	7.8559	2.0895	0.0539	2.1434	0.0000	7,620.4986	7,620.4986	0.3407	0.0000	7,629.0162
Waste						0.0000	0.0000		0.0000	0.0000	207.8079	0.0000	207.8079	12.2811	0.0000	514.8354
Water						0.0000	0.0000		0.0000	0.0000	29.1632	556.6420	585.8052	3.0183	0.0755	683.7567
Total	**6.8692**	**9.5223**	**30.3407**	**0.0914**	**7.7979**	**0.2260**	**8.0240**	**2.0895**	**0.2219**	**2.3114**	**236.9712**	**12,294.1807**	**12,531.1519**	**15.7904**	**0.1260**	**12,963.4751**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/1/2021	10/12/2021	5	30	
2	Site Preparation	Site Preparation	10/13/2021	11/9/2021	5	20	
3	Grading	Grading	11/10/2021	1/11/2022	5	45	
4	Building Construction	Building Construction	1/12/2022	12/12/2023	5	500	
5	Paving	Paving	12/13/2023	1/30/2024	5	35	
6	Architectural Coating	Architectural Coating	1/31/2024	3/19/2024	5	35	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 112.5

Acres of Paving: 0

Residential Indoor: 2,025,000; Residential Outdoor: 675,000; Non-Residential Indoor: 326,400; Non-Residential Outdoor: 108,800; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	458.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	801.00	143.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	160.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0496	0.0000	0.0496	7.5100e-003	0.0000	7.5100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0475	0.4716	0.3235	5.8000e-004		0.0233	0.0233		0.0216	0.0216	0.0000	51.0012	51.0012	0.0144	0.0000	51.3601
Total	**0.0475**	**0.4716**	**0.3235**	**5.8000e-004**	**0.0496**	**0.0233**	**0.0729**	**7.5100e-003**	**0.0216**	**0.0291**	**0.0000**	**51.0012**	**51.0012**	**0.0144**	**0.0000**	**51.3601**

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.9300e-003	0.0634	0.0148	1.8000e-004	3.9400e-003	1.9000e-004	4.1300e-003	1.0800e-003	1.8000e-004	1.2600e-003	0.0000	17.4566	17.4566	1.2100e-003	0.0000	17.4869
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.7000e-004	7.5000e-004	8.5100e-003	2.0000e-005	2.4700e-003	2.0000e-005	2.4900e-003	6.5000e-004	2.0000e-005	6.7000e-004	0.0000	2.2251	2.2251	7.0000e-005	0.0000	2.2267
Total	**2.9000e-003**	**0.0641**	**0.0233**	**2.0000e-004**	**6.4100e-003**	**2.1000e-004**	**6.6200e-003**	**1.7300e-003**	**2.0000e-004**	**1.9300e-003**	**0.0000**	**19.6816**	**19.6816**	**1.2800e-003**	**0.0000**	**19.7136**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0496	0.0000	0.0496	7.5100e-003	0.0000	7.5100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0475	0.4716	0.3235	5.8000e-004		0.0233	0.0233		0.0216	0.0216	0.0000	51.0011	51.0011	0.0144	0.0000	51.3600
Total	**0.0475**	**0.4716**	**0.3235**	**5.8000e-004**	**0.0496**	**0.0233**	**0.0729**	**7.5100e-003**	**0.0216**	**0.0291**	**0.0000**	**51.0011**	**51.0011**	**0.0144**	**0.0000**	**51.3600**

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.9300e-003	0.0634	0.0148	1.8000e-004	3.9400e-003	1.9000e-004	4.1300e-003	1.0800e-003	1.8000e-004	1.2600e-003	0.0000	17.4566	17.4566	1.2100e-003	0.0000	17.4869
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.7000e-004	7.5000e-004	8.5100e-003	2.0000e-005	2.4700e-003	2.0000e-005	2.4900e-003	6.5000e-004	2.0000e-005	6.7000e-004	0.0000	2.2251	2.2251	7.0000e-005	0.0000	2.2267
Total	**2.9000e-003**	**0.0641**	**0.0233**	**2.0000e-004**	**6.4100e-003**	**2.1000e-004**	**6.6200e-003**	**1.7300e-003**	**2.0000e-004**	**1.9300e-003**	**0.0000**	**19.6816**	**19.6816**	**1.2800e-003**	**0.0000**	**19.7136**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1807	0.0000	0.1807	0.0993	0.0000	0.0993	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0389	0.4050	0.2115	3.8000e-004		0.0204	0.0204		0.0188	0.0188	0.0000	33.4357	33.4357	0.0108	0.0000	33.7061
Total	**0.0389**	**0.4050**	**0.2115**	**3.8000e-004**	**0.1807**	**0.0204**	**0.2011**	**0.0993**	**0.0188**	**0.1181**	**0.0000**	**33.4357**	**33.4357**	**0.0108**	**0.0000**	**33.7061**

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.7000e-004	6.0000e-004	6.8100e-003	2.0000e-005	1.9700e-003	2.0000e-005	1.9900e-003	5.2000e-004	1.0000e-005	5.4000e-004	0.0000	1.7801	1.7801	5.0000e-005	0.0000	1.7814
Total	**7.7000e-004**	**6.0000e-004**	**6.8100e-003**	**2.0000e-005**	**1.9700e-003**	**2.0000e-005**	**1.9900e-003**	**5.2000e-004**	**1.0000e-005**	**5.4000e-004**	**0.0000**	**1.7801**	**1.7801**	**5.0000e-005**	**0.0000**	**1.7814**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1807	0.0000	0.1807	0.0993	0.0000	0.0993	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0389	0.4050	0.2115	3.8000e-004		0.0204	0.0204		0.0188	0.0188	0.0000	33.4357	33.4357	0.0108	0.0000	33.7060
Total	**0.0389**	**0.4050**	**0.2115**	**3.8000e-004**	**0.1807**	**0.0204**	**0.2011**	**0.0993**	**0.0188**	**0.1181**	**0.0000**	**33.4357**	**33.4357**	**0.0108**	**0.0000**	**33.7060**

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.7000e-004	6.0000e-004	6.8100e-003	2.0000e-005	1.9700e-003	2.0000e-005	1.9900e-003	5.2000e-004	1.0000e-005	5.4000e-004	0.0000	1.7801	1.7801	5.0000e-005	0.0000	1.7814
Total	**7.7000e-004**	**6.0000e-004**	**6.8100e-003**	**2.0000e-005**	**1.9700e-003**	**2.0000e-005**	**1.9900e-003**	**5.2000e-004**	**1.0000e-005**	**5.4000e-004**	**0.0000**	**1.7801**	**1.7801**	**5.0000e-005**	**0.0000**	**1.7814**

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1741	0.0000	0.1741	0.0693	0.0000	0.0693	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0796	0.8816	0.5867	1.1800e-003		0.0377	0.0377		0.0347	0.0347	0.0000	103.5405	103.5405	0.0335	0.0000	104.3776
Total	**0.0796**	**0.8816**	**0.5867**	**1.1800e-003**	**0.1741**	**0.0377**	**0.2118**	**0.0693**	**0.0347**	**0.1040**	**0.0000**	**103.5405**	**103.5405**	**0.0335**	**0.0000**	**104.3776**

3.4 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6400e-003	1.2700e-003	0.0144	4.0000e-005	4.1600e-003	3.0000e-005	4.2000e-003	1.1100e-003	3.0000e-005	1.1400e-003	0.0000	3.7579	3.7579	1.1000e-004	0.0000	3.7607
Total	**1.6400e-003**	**1.2700e-003**	**0.0144**	**4.0000e-005**	**4.1600e-003**	**3.0000e-005**	**4.2000e-003**	**1.1100e-003**	**3.0000e-005**	**1.1400e-003**	**0.0000**	**3.7579**	**3.7579**	**1.1000e-004**	**0.0000**	**3.7607**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1741	0.0000	0.1741	0.0693	0.0000	0.0693	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0796	0.8816	0.5867	1.1800e-003		0.0377	0.0377		0.0347	0.0347	0.0000	103.5403	103.5403	0.0335	0.0000	104.3775
Total	**0.0796**	**0.8816**	**0.5867**	**1.1800e-003**	**0.1741**	**0.0377**	**0.2118**	**0.0693**	**0.0347**	**0.1040**	**0.0000**	**103.5403**	**103.5403**	**0.0335**	**0.0000**	**104.3775**

3.4 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6400e-003	1.2700e-003	0.0144	4.0000e-005	4.1600e-003	3.0000e-005	4.2000e-003	1.1100e-003	3.0000e-005	1.1400e-003	0.0000	3.7579	3.7579	1.1000e-004	0.0000	3.7607
Total	**1.6400e-003**	**1.2700e-003**	**0.0144**	**4.0000e-005**	**4.1600e-003**	**3.0000e-005**	**4.2000e-003**	**1.1100e-003**	**3.0000e-005**	**1.1400e-003**	**0.0000**	**3.7579**	**3.7579**	**1.1000e-004**	**0.0000**	**3.7607**

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0807	0.0000	0.0807	0.0180	0.0000	0.0180	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0127	0.1360	0.1017	2.2000e-004		5.7200e-003	5.7200e-003		5.2600e-003	5.2600e-003	0.0000	19.0871	19.0871	6.1700e-003	0.0000	19.2414
Total	**0.0127**	**0.1360**	**0.1017**	**2.2000e-004**	**0.0807**	**5.7200e-003**	**0.0865**	**0.0180**	**5.2600e-003**	**0.0233**	**0.0000**	**19.0871**	**19.0871**	**6.1700e-003**	**0.0000**	**19.2414**

3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-004	2.1000e-004	2.4400e-003	1.0000e-005	7.7000e-004	1.0000e-005	7.7000e-004	2.0000e-004	1.0000e-005	2.1000e-004	0.0000	0.6679	0.6679	2.0000e-005	0.0000	0.6684
Total	**2.8000e-004**	**2.1000e-004**	**2.4400e-003**	**1.0000e-005**	**7.7000e-004**	**1.0000e-005**	**7.7000e-004**	**2.0000e-004**	**1.0000e-005**	**2.1000e-004**	**0.0000**	**0.6679**	**0.6679**	**2.0000e-005**	**0.0000**	**0.6684**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0807	0.0000	0.0807	0.0180	0.0000	0.0180	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0127	0.1360	0.1017	2.2000e-004		5.7200e-003	5.7200e-003		5.2600e-003	5.2600e-003	0.0000	19.0871	19.0871	6.1700e-003	0.0000	19.2414
Total	**0.0127**	**0.1360**	**0.1017**	**2.2000e-004**	**0.0807**	**5.7200e-003**	**0.0865**	**0.0180**	**5.2600e-003**	**0.0233**	**0.0000**	**19.0871**	**19.0871**	**6.1700e-003**	**0.0000**	**19.2414**

3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-004	2.1000e-004	2.4400e-003	1.0000e-005	7.7000e-004	1.0000e-005	7.7000e-004	2.0000e-004	1.0000e-005	2.1000e-004	0.0000	0.6679	0.6679	2.0000e-005	0.0000	0.6684
Total	**2.8000e-004**	**2.1000e-004**	**2.4400e-003**	**1.0000e-005**	**7.7000e-004**	**1.0000e-005**	**7.7000e-004**	**2.0000e-004**	**1.0000e-005**	**2.1000e-004**	**0.0000**	**0.6679**	**0.6679**	**2.0000e-005**	**0.0000**	**0.6684**

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2158	1.9754	2.0700	3.4100e-003		0.1023	0.1023		0.0963	0.0963	0.0000	293.1324	293.1324	0.0702	0.0000	294.8881
Total	**0.2158**	**1.9754**	**2.0700**	**3.4100e-003**		**0.1023**	**0.1023**		**0.0963**	**0.0963**	**0.0000**	**293.1324**	**293.1324**	**0.0702**	**0.0000**	**294.8881**

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0527	1.6961	0.4580	4.5500e-003	0.1140	3.1800e-003	0.1171	0.0329	3.0400e-003	0.0359	0.0000	441.9835	441.9835	0.0264	0.0000	442.6435
Worker	0.4088	0.3066	3.5305	0.0107	1.1103	8.8700e-003	1.1192	0.2949	8.1700e-003	0.3031	0.0000	966.8117	966.8117	0.0266	0.0000	967.4773
Total	**0.4616**	**2.0027**	**3.9885**	**0.0152**	**1.2243**	**0.0121**	**1.2363**	**0.3278**	**0.0112**	**0.3390**	**0.0000**	**1,408.7952**	**1,408.7952**	**0.0530**	**0.0000**	**1,410.1208**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2158	1.9754	2.0700	3.4100e-003		0.1023	0.1023		0.0963	0.0963	0.0000	293.1321	293.1321	0.0702	0.0000	294.8877
Total	**0.2158**	**1.9754**	**2.0700**	**3.4100e-003**		**0.1023**	**0.1023**		**0.0963**	**0.0963**	**0.0000**	**293.1321**	**293.1321**	**0.0702**	**0.0000**	**294.8877**

3.5 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0527	1.6961	0.4580	4.5500e-003	0.1140	3.1800e-003	0.1171	0.0329	3.0400e-003	0.0359	0.0000	441.9835	441.9835	0.0264	0.0000	442.6435
Worker	0.4088	0.3066	3.5305	0.0107	1.1103	8.8700e-003	1.1192	0.2949	8.1700e-003	0.3031	0.0000	966.8117	966.8117	0.0266	0.0000	967.4773
Total	**0.4616**	**2.0027**	**3.9885**	**0.0152**	**1.2243**	**0.0121**	**1.2363**	**0.3278**	**0.0112**	**0.3390**	**0.0000**	**1,408.7952**	**1,408.7952**	**0.0530**	**0.0000**	**1,410.1208**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1942	1.7765	2.0061	3.3300e-003		0.0864	0.0864		0.0813	0.0813	0.0000	286.2789	286.2789	0.0681	0.0000	287.9814
Total	**0.1942**	**1.7765**	**2.0061**	**3.3300e-003**		**0.0864**	**0.0864**		**0.0813**	**0.0813**	**0.0000**	**286.2789**	**286.2789**	**0.0681**	**0.0000**	**287.9814**

3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0382	1.2511	0.4011	4.3000e-003	0.1113	1.4600e-003	0.1127	0.0321	1.4000e-003	0.0335	0.0000	417.9930	417.9930	0.0228	0.0000	418.5624
Worker	0.3753	0.2708	3.1696	0.0101	1.0840	8.4100e-003	1.0924	0.2879	7.7400e-003	0.2957	0.0000	909.3439	909.3439	0.0234	0.0000	909.9291
Total	**0.4135**	**1.5218**	**3.5707**	**0.0144**	**1.1953**	**9.8700e-003**	**1.2051**	**0.3200**	**9.1400e-003**	**0.3292**	**0.0000**	**1,327.3369**	**1,327.3369**	**0.0462**	**0.0000**	**1,328.4916**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1942	1.7765	2.0061	3.3300e-003		0.0864	0.0864		0.0813	0.0813	0.0000	286.2785	286.2785	0.0681	0.0000	287.9811
Total	**0.1942**	**1.7765**	**2.0061**	**3.3300e-003**		**0.0864**	**0.0864**		**0.0813**	**0.0813**	**0.0000**	**286.2785**	**286.2785**	**0.0681**	**0.0000**	**287.9811**

3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0382	1.2511	0.4011	4.3000e-003	0.1113	1.4600e-003	0.1127	0.0321	1.4000e-003	0.0335	0.0000	417.9930	417.9930	0.0228	0.0000	418.5624
Worker	0.3753	0.2708	3.1696	0.0101	1.0840	8.4100e-003	1.0924	0.2879	7.7400e-003	0.2957	0.0000	909.3439	909.3439	0.0234	0.0000	909.9291
Total	**0.4135**	**1.5218**	**3.5707**	**0.0144**	**1.1953**	**9.8700e-003**	**1.2051**	**0.3200**	**9.1400e-003**	**0.3292**	**0.0000**	**1,327.3369**	**1,327.3369**	**0.0462**	**0.0000**	**1,328.4916**

3.6 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.7100e-003	0.0663	0.0948	1.5000e-004		3.3200e-003	3.3200e-003		3.0500e-003	3.0500e-003	0.0000	13.0175	13.0175	4.2100e-003	0.0000	13.1227
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.7100e-003**	**0.0663**	**0.0948**	**1.5000e-004**		**3.3200e-003**	**3.3200e-003**		**3.0500e-003**	**3.0500e-003**	**0.0000**	**13.0175**	**13.0175**	**4.2100e-003**	**0.0000**	**13.1227**

3.6 Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7000e-004	2.7000e-004	3.1200e-003	1.0000e-005	1.0700e-003	1.0000e-005	1.0800e-003	2.8000e-004	1.0000e-005	2.9000e-004	0.0000	0.8963	0.8963	2.0000e-005	0.0000	0.8968
Total	**3.7000e-004**	**2.7000e-004**	**3.1200e-003**	**1.0000e-005**	**1.0700e-003**	**1.0000e-005**	**1.0800e-003**	**2.8000e-004**	**1.0000e-005**	**2.9000e-004**	**0.0000**	**0.8963**	**0.8963**	**2.0000e-005**	**0.0000**	**0.8968**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.7100e-003	0.0663	0.0948	1.5000e-004		3.3200e-003	3.3200e-003		3.0500e-003	3.0500e-003	0.0000	13.0175	13.0175	4.2100e-003	0.0000	13.1227
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.7100e-003**	**0.0663**	**0.0948**	**1.5000e-004**		**3.3200e-003**	**3.3200e-003**		**3.0500e-003**	**3.0500e-003**	**0.0000**	**13.0175**	**13.0175**	**4.2100e-003**	**0.0000**	**13.1227**

3.6 Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7000e-004	2.7000e-004	3.1200e-003	1.0000e-005	1.0700e-003	1.0000e-005	1.0800e-003	2.8000e-004	1.0000e-005	2.9000e-004	0.0000	0.8963	0.8963	2.0000e-005	0.0000	0.8968
Total	**3.7000e-004**	**2.7000e-004**	**3.1200e-003**	**1.0000e-005**	**1.0700e-003**	**1.0000e-005**	**1.0800e-003**	**2.8000e-004**	**1.0000e-005**	**2.9000e-004**	**0.0000**	**0.8963**	**0.8963**	**2.0000e-005**	**0.0000**	**0.8968**

3.6 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0109	0.1048	0.1609	2.5000e-004		5.1500e-003	5.1500e-003		4.7400e-003	4.7400e-003	0.0000	22.0292	22.0292	7.1200e-003	0.0000	22.2073
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0109**	**0.1048**	**0.1609**	**2.5000e-004**		**5.1500e-003**	**5.1500e-003**		**4.7400e-003**	**4.7400e-003**	**0.0000**	**22.0292**	**22.0292**	**7.1200e-003**	**0.0000**	**22.2073**

3.6 Paving - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9000e-004	4.1000e-004	4.9200e-003	2.0000e-005	1.8100e-003	1.0000e-005	1.8200e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.4697	1.4697	4.0000e-005	0.0000	1.4706
Total	**5.9000e-004**	**4.1000e-004**	**4.9200e-003**	**2.0000e-005**	**1.8100e-003**	**1.0000e-005**	**1.8200e-003**	**4.8000e-004**	**1.0000e-005**	**4.9000e-004**	**0.0000**	**1.4697**	**1.4697**	**4.0000e-005**	**0.0000**	**1.4706**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0109	0.1048	0.1609	2.5000e-004		5.1500e-003	5.1500e-003		4.7400e-003	4.7400e-003	0.0000	22.0292	22.0292	7.1200e-003	0.0000	22.2073
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0109**	**0.1048**	**0.1609**	**2.5000e-004**		**5.1500e-003**	**5.1500e-003**		**4.7400e-003**	**4.7400e-003**	**0.0000**	**22.0292**	**22.0292**	**7.1200e-003**	**0.0000**	**22.2073**

3.6 Paving - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9000e-004	4.1000e-004	4.9200e-003	2.0000e-005	1.8100e-003	1.0000e-005	1.8200e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.4697	1.4697	4.0000e-005	0.0000	1.4706
Total	**5.9000e-004**	**4.1000e-004**	**4.9200e-003**	**2.0000e-005**	**1.8100e-003**	**1.0000e-005**	**1.8200e-003**	**4.8000e-004**	**1.0000e-005**	**4.9000e-004**	**0.0000**	**1.4697**	**1.4697**	**4.0000e-005**	**0.0000**	**1.4706**

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.1372					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1600e-003	0.0213	0.0317	5.0000e-005		1.0700e-003	1.0700e-003		1.0700e-003	1.0700e-003	0.0000	4.4682	4.4682	2.5000e-004	0.0000	4.4745
Total	**4.1404**	**0.0213**	**0.0317**	**5.0000e-005**		**1.0700e-003**	**1.0700e-003**		**1.0700e-003**	**1.0700e-003**	**0.0000**	**4.4682**	**4.4682**	**2.5000e-004**	**0.0000**	**4.4745**

3.7 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0101	6.9900e-003	0.0835	2.8000e-004	0.0307	2.3000e-004	0.0309	8.1500e-003	2.2000e-004	8.3700e-003	0.0000	24.9407	24.9407	6.1000e-004	0.0000	24.9558
Total	**0.0101**	**6.9900e-003**	**0.0835**	**2.8000e-004**	**0.0307**	**2.3000e-004**	**0.0309**	**8.1500e-003**	**2.2000e-004**	**8.3700e-003**	**0.0000**	**24.9407**	**24.9407**	**6.1000e-004**	**0.0000**	**24.9558**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.1372					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1600e-003	0.0213	0.0317	5.0000e-005		1.0700e-003	1.0700e-003		1.0700e-003	1.0700e-003	0.0000	4.4682	4.4682	2.5000e-004	0.0000	4.4745
Total	**4.1404**	**0.0213**	**0.0317**	**5.0000e-005**		**1.0700e-003**	**1.0700e-003**		**1.0700e-003**	**1.0700e-003**	**0.0000**	**4.4682**	**4.4682**	**2.5000e-004**	**0.0000**	**4.4745**

3.7 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0101	6.9900e-003	0.0835	2.8000e-004	0.0307	2.3000e-004	0.0309	8.1500e-003	2.2000e-004	8.3700e-003	0.0000	24.9407	24.9407	6.1000e-004	0.0000	24.9558
Total	**0.0101**	**6.9900e-003**	**0.0835**	**2.8000e-004**	**0.0307**	**2.3000e-004**	**0.0309**	**8.1500e-003**	**2.2000e-004**	**8.3700e-003**	**0.0000**	**24.9407**	**24.9407**	**6.1000e-004**	**0.0000**	**24.9558**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.5857	7.9962	19.1834	0.0821	7.7979	0.0580	7.8559	2.0895	0.0539	2.1434	0.0000	7,620.4986	7,620.4986	0.3407	0.0000	7,629.0162
Unmitigated	1.5857	7.9962	19.1834	0.0821	7.7979	0.0580	7.8559	2.0895	0.0539	2.1434	0.0000	7,620.4986	7,620.4986	0.3407	0.0000	7,629.0162

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	145.75	154.25	154.00	506,227	506,227
Apartments Mid Rise	4,026.75	3,773.25	4075.50	13,660,065	13,660,065
General Office Building	288.45	62.55	31.05	706,812	706,812
High Turnover (Sit Down Restaurant)	2,368.80	2,873.52	2817.72	3,413,937	3,413,937
Hotel	192.00	187.50	160.00	445,703	445,703
Quality Restaurant	501.12	511.92	461.20	707,488	707,488
Regional Shopping Center	528.08	601.44	357.84	1,112,221	1,112,221
Total	8,050.95	8,164.43	8,057.31	20,552,452	20,552,452

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Apartments Mid Rise	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
General Office Building	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
High Turnover (Sit Down Restaurant)	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Hotel	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Quality Restaurant	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Regional Shopping Center	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	2,512.6465	2,512.6465	0.1037	0.0215	2,521.6356
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	2,512.6465	2,512.6465	0.1037	0.0215	2,521.6356
NaturalGas Mitigated	0.1398	1.2312	0.7770	7.6200e-003		0.0966	0.0966		0.0966	0.0966	0.0000	1,383.4267	1,383.4267	0.0265	0.0254	1,391.6478
NaturalGas Unmitigated	0.1398	1.2312	0.7770	7.6200e-003		0.0966	0.0966		0.0966	0.0966	0.0000	1,383.4267	1,383.4267	0.0265	0.0254	1,391.6478

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	408494	2.2000e-003	0.0188	8.0100e-003	1.2000e-004		1.5200e-003	1.5200e-003		1.5200e-003	1.5200e-003	0.0000	21.7988	21.7988	4.2000e-004	4.0000e-004	21.9284
Apartments Mid Rise	1.30613e+007	0.0704	0.6018	0.2561	3.8400e-003		0.0487	0.0487		0.0487	0.0487	0.0000	696.9989	696.9989	0.0134	0.0128	701.1408
General Office Building	468450	2.5300e-003	0.0230	0.0193	1.4000e-004		1.7500e-003	1.7500e-003		1.7500e-003	1.7500e-003	0.0000	24.9983	24.9983	4.8000e-004	4.6000e-004	25.1468
High Turnover (Sit Down Restaurant)	8.30736e+006	0.0448	0.4072	0.3421	2.4400e-003		0.0310	0.0310		0.0310	0.0310	0.0000	443.3124	443.3124	8.5000e-003	8.1300e-003	445.9468
Hotel	1.74095e+006	9.3900e-003	0.0853	0.0717	5.1000e-004		6.4900e-003	6.4900e-003		6.4900e-003	6.4900e-003	0.0000	92.9036	92.9036	1.7800e-003	1.7000e-003	93.4557
Quality Restaurant	1.84608e+006	9.9500e-003	0.0905	0.0760	5.4000e-004		6.8800e-003	6.8800e-003		6.8800e-003	6.8800e-003	0.0000	98.5139	98.5139	1.8900e-003	1.8100e-003	99.0993
Regional Shopping Center	91840	5.0000e-004	4.5000e-003	3.7800e-003	3.0000e-005		3.4000e-004	3.4000e-004		3.4000e-004	3.4000e-004	0.0000	4.9009	4.9009	9.0000e-005	9.0000e-005	4.9301
Total		**0.1398**	**1.2312**	**0.7770**	**7.6200e-003**		**0.0966**	**0.0966**		**0.0966**	**0.0966**	**0.0000**	**1,383.4268**	**1,383.4268**	**0.0265**	**0.0254**	**1,391.6478**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	408494	2.2000e-003	0.0188	8.0100e-003	1.2000e-004		1.5200e-003	1.5200e-003		1.5200e-003	1.5200e-003	0.0000	21.7988	21.7988	4.2000e-004	4.0000e-004	21.9284
Apartments Mid Rise	1.30613e+007	0.0704	0.6018	0.2561	3.8400e-003		0.0487	0.0487		0.0487	0.0487	0.0000	696.9989	696.9989	0.0134	0.0128	701.1408
General Office Building	468450	2.5300e-003	0.0230	0.0193	1.4000e-004		1.7500e-003	1.7500e-003		1.7500e-003	1.7500e-003	0.0000	24.9983	24.9983	4.8000e-004	4.6000e-004	25.1468
High Turnover (Sit Down Restaurant)	8.30736e+006	0.0448	0.4072	0.3421	2.4400e-003		0.0310	0.0310		0.0310	0.0310	0.0000	443.3124	443.3124	8.5000e-003	8.1300e-003	445.9468
Hotel	1.74095e+006	9.3900e-003	0.0853	0.0717	5.1000e-004		6.4900e-003	6.4900e-003		6.4900e-003	6.4900e-003	0.0000	92.9036	92.9036	1.7800e-003	1.7000e-003	93.4557
Quality Restaurant	1.84608e+006	9.9500e-003	0.0905	0.0760	5.4000e-004		6.8800e-003	6.8800e-003		6.8800e-003	6.8800e-003	0.0000	98.5139	98.5139	1.8900e-003	1.8100e-003	99.0993
Regional Shopping Center	91840	5.0000e-004	4.5000e-003	3.7800e-003	3.0000e-005		3.4000e-004	3.4000e-004		3.4000e-004	3.4000e-004	0.0000	4.9009	4.9009	9.0000e-005	9.0000e-005	4.9301
Total		**0.1398**	**1.2312**	**0.7770**	**7.6200e-003**		**0.0966**	**0.0966**		**0.0966**	**0.0966**	**0.0000**	**1,383.4268**	**1,383.4268**	**0.0265**	**0.0254**	**1,391.6478**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	106010	33.7770	1.3900e-003	2.9000e-004	33.8978
Apartments Mid Rise	3.94697e+006	1,257.5879	0.0519	0.0107	1,262.0869
General Office Building	584550	186.2502	7.6900e-003	1.5900e-003	186.9165
High Turnover (Sit Down Restaurant)	1.58904e+006	506.3022	0.0209	4.3200e-003	508.1135
Hotel	550308	175.3399	7.2400e-003	1.5000e-003	175.9672
Quality Restaurant	353120	112.5116	4.6500e-003	9.6000e-004	112.9141
Regional Shopping Center	756000	240.8778	9.9400e-003	2.0600e-003	241.7395
Total		**2,512.6465**	**0.1037**	**0.0215**	**2,521.6356**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	106010	33.7770	1.3900e-003	2.9000e-004	33.8978
Apartments Mid Rise	3.94697e+006	1,257.5879	0.0519	0.0107	1,262.0869
General Office Building	584550	186.2502	7.6900e-003	1.5900e-003	186.9165
High Turnover (Sit Down Restaurant)	1.58904e+006	506.3022	0.0209	4.3200e-003	508.1135
Hotel	550308	175.3399	7.2400e-003	1.5000e-003	175.9672
Quality Restaurant	353120	112.5116	4.6500e-003	9.6000e-004	112.9141
Regional Shopping Center	756000	240.8778	9.9400e-003	2.0600e-003	241.7395
Total		**2,512.6465**	**0.1037**	**0.0215**	**2,521.6356**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	5.1437	0.2950	10.3804	1.6700e-003		0.0714	0.0714		0.0714	0.0714	0.0000	220.9670	220.9670	0.0201	3.7400e-003	222.5835
Unmitigated	5.1437	0.2950	10.3804	1.6700e-003		0.0714	0.0714		0.0714	0.0714	0.0000	220.9670	220.9670	0.0201	3.7400e-003	222.5835

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.4137					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.3998					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0206	0.1763	0.0750	1.1200e-003		0.0143	0.0143		0.0143	0.0143	0.0000	204.1166	204.1166	3.9100e-003	3.7400e-003	205.3295
Landscaping	0.3096	0.1187	10.3054	5.4000e-004		0.0572	0.0572		0.0572	0.0572	0.0000	16.8504	16.8504	0.0161	0.0000	17.2540
Total	**5.1437**	**0.2950**	**10.3804**	**1.6600e-003**		**0.0714**	**0.0714**		**0.0714**	**0.0714**	**0.0000**	**220.9670**	**220.9670**	**0.0201**	**3.7400e-003**	**222.5835**

6.2 Area by SubCategory

Mitigated

SubCategory	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Architectural Coating	0.4137					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.3998					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0206	0.1763	0.0750	1.1200e-003		0.0143	0.0143		0.0143	0.0143	0.0000	204.1166	204.1166	3.9100e-003	3.7400e-003	205.3295
Landscaping	0.3096	0.1187	10.3054	5.4000e-004		0.0572	0.0572		0.0572	0.0572	0.0000	16.8504	16.8504	0.0161	0.0000	17.2540
Total	**5.1437**	**0.2950**	**10.3804**	**1.6600e-003**		**0.0714**	**0.0714**		**0.0714**	**0.0714**	**0.0000**	**220.9670**	**220.9670**	**0.0201**	**3.7400e-003**	**222.5835**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	585.8052	3.0183	0.0755	683.7567
Unmitigated	585.8052	3.0183	0.0755	683.7567

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	1.62885 / 1.02688	10.9095	0.0535	1.3400e-003	12.6471
Apartments Mid Rise	63.5252 / 40.0485	425.4719	2.0867	0.0523	493.2363
General Office Building	7.99802 / 4.90201	53.0719	0.2627	6.5900e-003	61.6019
High Turnover (Sit Down Restaurant)	10.9272 / 0.697482	51.2702	0.3580	8.8200e-003	62.8482
Hotel	1.26834 / 0.140927	6.1633	0.0416	1.0300e-003	7.5079
Quality Restaurant	2.42827 / 0.154996	11.3934	0.0796	1.9600e-003	13.9663
Regional Shopping Center	4.14806 / 2.54236	27.5250	0.1363	3.4200e-003	31.9490
Total		**585.8052**	**3.0183**	**0.0755**	**683.7567**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	1.62885 / 1.02688	10.9095	0.0535	1.3400e-003	12.6471
Apartments Mid Rise	63.5252 / 40.0485	425.4719	2.0867	0.0523	493.2363
General Office Building	7.99802 / 4.90201	53.0719	0.2627	6.5900e-003	61.6019
High Turnover (Sit Down Restaurant)	10.9272 / 0.697482	51.2702	0.3580	8.8200e-003	62.8482
Hotel	1.26834 / 0.140927	6.1633	0.0416	1.0300e-003	7.5079
Quality Restaurant	2.42827 / 0.154996	11.3934	0.0796	1.9600e-003	13.9663
Regional Shopping Center	4.14806 / 2.54236	27.5250	0.1363	3.4200e-003	31.9490
Total		**585.8052**	**3.0183**	**0.0755**	**683.7567**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	207.8079	12.2811	0.0000	514.8354
Unmitigated	207.8079	12.2811	0.0000	514.8354

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	11.5	2.3344	0.1380	0.0000	5.7834
Apartments Mid Rise	448.5	91.0415	5.3804	0.0000	225.5513
General Office Building	41.85	8.4952	0.5021	0.0000	21.0464
High Turnover (Sit Down Restaurant)	428.4	86.9613	5.1393	0.0000	215.4430
Hotel	27.38	5.5579	0.3285	0.0000	13.7694
Quality Restaurant	7.3	1.4818	0.0876	0.0000	3.6712
Regional Shopping Center	58.8	11.9359	0.7054	0.0000	29.5706
Total		**207.8079**	**12.2811**	**0.0000**	**514.8354**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	11.5	2.3344	0.1380	0.0000	5.7834
Apartments Mid Rise	448.5	91.0415	5.3804	0.0000	225.5513
General Office Building	41.85	8.4952	0.5021	0.0000	21.0464
High Turnover (Sit Down Restaurant)	428.4	86.9613	5.1393	0.0000	215.4430
Hotel	27.38	5.5579	0.3285	0.0000	13.7694
Quality Restaurant	7.3	1.4818	0.0876	0.0000	3.6712
Regional Shopping Center	58.8	11.9359	0.7054	0.0000	29.5706
Total		**207.8079**	**12.2811**	**0.0000**	**514.8354**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Village South Specific Plan (Proposed)

Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	45.00	1000sqft	1.03	45,000.00	0
High Turnover (Sit Down Restaurant)	36.00	1000sqft	0.83	36,000.00	0
Hotel	50.00	Room	1.67	72,600.00	0
Quality Restaurant	8.00	1000sqft	0.18	8,000.00	0
Apartments Low Rise	25.00	Dwelling Unit	1.56	25,000.00	72
Apartments Mid Rise	975.00	Dwelling Unit	25.66	975,000.00	2789
Regional Shopping Center	56.00	1000sqft	1.29	56,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	9			**Operational Year**	2028
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

Project Characteristics - Consistent with the DEIR's model.

Land Use - See SWAPE comment regarding residential and retail land uses.

Construction Phase - See SWAPE comment regarding individual construction phase lengths.

Demolition - Consistent with the DEIR's model. See SWAPE comment regarding demolition.

Vehicle Trips - Saturday trips consistent with the DEIR's model. See SWAPE comment regarding weekday and Sunday trips.

Woodstoves - Woodstoves and wood-burning fireplaces consistent with the DEIR's model. See SWAPE comment regarding gas fireplaces.

Energy Use -

Construction Off-road Equipment Mitigation - See SWAPE comment on construction-related mitigation.

Area Mitigation - See SWAPE comment regarding operational mitigation measures.

Water Mitigation - See SWAPE comment regarding operational mitigation measures.

Table Name	Column Name	Default Value	New Value
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberWood	1.25	0.00
tblFireplaces	NumberWood	48.75	0.00
tblVehicleTrips	ST_TR	7.16	6.17
tblVehicleTrips	ST_TR	6.39	3.87
tblVehicleTrips	ST_TR	2.46	1.39
tblVehicleTrips	ST_TR	158.37	79.82
tblVehicleTrips	ST_TR	8.19	3.75
tblVehicleTrips	ST_TR	94.36	63.99
tblVehicleTrips	ST_TR	49.97	10.74
tblVehicleTrips	SU_TR	6.07	6.16
tblVehicleTrips	SU_TR	5.86	4.18
tblVehicleTrips	SU_TR	1.05	0.69
tblVehicleTrips	SU_TR	131.84	78.27

tblVehicleTrips	SU_TR	5.95	3.20
tblVehicleTrips	SU_TR	72.16	57.65
tblVehicleTrips	SU_TR	25.24	6.39
tblVehicleTrips	WD_TR	6.59	5.83
tblVehicleTrips	WD_TR	6.65	4.13
tblVehicleTrips	WD_TR	11.03	6.41
tblVehicleTrips	WD_TR	127.15	65.80
tblVehicleTrips	WD_TR	8.17	3.84
tblVehicleTrips	WD_TR	89.95	62.64
tblVehicleTrips	WD_TR	42.70	9.43
tblWoodstoves	NumberCatalytic	1.25	0.00
tblWoodstoves	NumberCatalytic	48.75	0.00
tblWoodstoves	NumberNoncatalytic	1.25	0.00
tblWoodstoves	NumberNoncatalytic	48.75	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	4.2769	46.4588	31.6840	0.0643	18.2675	2.0461	20.3135	9.9840	1.8824	11.8664	0.0000	6,234.7974	6,234.7974	1.9495	0.0000	6,283.5352
2022	5.3304	38.8967	49.5629	0.1517	9.8688	1.6366	10.7727	3.6558	1.5057	5.1615	0.0000	15,251.5674	15,251.5674	1.9503	0.0000	15,278.5288
2023	4.8957	26.3317	46.7567	0.1472	9.8688	0.7794	10.6482	2.6381	0.7322	3.3702	0.0000	14,807.5269	14,807.5269	1.0250	0.0000	14,833.1521
2024	237.1630	9.5575	15.1043	0.0244	1.7884	0.4698	1.8628	0.4743	0.4322	0.5476	0.0000	2,361.3989	2,361.3989	0.7177	0.0000	2,379.3421
Maximum	**237.1630**	**46.4588**	**49.5629**	**0.1517**	**18.2675**	**2.0461**	**20.3135**	**9.9840**	**1.8824**	**11.8664**	**0.0000**	**15,251.5674**	**15,251.5674**	**1.9503**	**0.0000**	**15,278.5288**

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	4.2769	46.4588	31.6840	0.0643	18.2675	2.0461	20.3135	9.9840	1.8824	11.8664	0.0000	6,234.7974	6,234.7974	1.9495	0.0000	6,283.5352
2022	5.3304	38.8967	49.5629	0.1517	9.8688	1.6366	10.7727	3.6558	1.5057	5.1615	0.0000	15,251.5674	15,251.5674	1.9503	0.0000	15,278.5288
2023	4.8957	26.3317	46.7567	0.1472	9.8688	0.7794	10.6482	2.6381	0.7322	3.3702	0.0000	14,807.5269	14,807.5269	1.0250	0.0000	14,833.1520
2024	237.1630	9.5575	15.1043	0.0244	1.7884	0.4698	1.8628	0.4743	0.4322	0.5476	0.0000	2,361.3989	2,361.3989	0.7177	0.0000	2,379.3421
Maximum	**237.1630**	**46.4588**	**49.5629**	**0.1517**	**18.2675**	**2.0461**	**20.3135**	**9.9840**	**1.8824**	**11.8664**	**0.0000**	**15,251.5674**	**15,251.5674**	**1.9503**	**0.0000**	**15,278.5288**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	30.5020	15.0496	88.4430	0.0944		1.5974	1.5974		1.5974	1.5974	0.0000	18,148.5950	18,148.5950	0.4874	0.3300	18,259.1192
Energy	0.7660	6.7462	4.2573	0.0418		0.5292	0.5292		0.5292	0.5292		8,355.9832	8,355.9832	0.1602	0.1532	8,405.6387
Mobile	9.8489	45.4304	114.8495	0.4917	45.9592	0.3360	46.2951	12.2950	0.3119	12.6070		50,306.6034	50,306.6034	2.1807		50,361.1208
Total	**41.1168**	**67.2262**	**207.5497**	**0.6278**	**45.9592**	**2.4626**	**48.4217**	**12.2950**	**2.4385**	**14.7336**	**0.0000**	**76,811.1816**	**76,811.1816**	**2.8282**	**0.4832**	**77,025.8786**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	30.5020	15.0496	88.4430	0.0944		1.5974	1.5974		1.5974	1.5974	0.0000	18,148.5950	18,148.5950	0.4874	0.3300	18,259.1192
Energy	0.7660	6.7462	4.2573	0.0418		0.5292	0.5292		0.5292	0.5292		8,355.9832	8,355.9832	0.1602	0.1532	8,405.6387
Mobile	9.8489	45.4304	114.8495	0.4917	45.9592	0.3360	46.2951	12.2950	0.3119	12.6070		50,306.6034	50,306.6034	2.1807		50,361.1208
Total	**41.1168**	**67.2262**	**207.5497**	**0.6278**	**45.9592**	**2.4626**	**48.4217**	**12.2950**	**2.4385**	**14.7336**	**0.0000**	**76,811.1816**	**76,811.1816**	**2.8282**	**0.4832**	**77,025.8786**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/1/2021	10/12/2021	5	30	
2	Site Preparation	Site Preparation	10/13/2021	11/9/2021	5	20	
3	Grading	Grading	11/10/2021	1/11/2022	5	45	
4	Building Construction	Building Construction	1/12/2022	12/12/2023	5	500	
5	Paving	Paving	12/13/2023	1/30/2024	5	35	
6	Architectural Coating	Architectural Coating	1/31/2024	3/19/2024	5	35	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 112.5

Acres of Paving: 0

Residential Indoor: 2,025,000; Residential Outdoor: 675,000; Non-Residential Indoor: 326,400; Non-Residential Outdoor: 108,800; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	458.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	801.00	143.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	160.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.3074	0.0000	3.3074	0.5008	0.0000	0.5008			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
Total	**3.1651**	**31.4407**	**21.5650**	**0.0388**	**3.3074**	**1.5513**	**4.8588**	**0.5008**	**1.4411**	**1.9419**		**3,747.9449**	**3,747.9449**	**1.0549**		**3,774.3174**

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1273	4.0952	0.9602	0.0119	0.2669	0.0126	0.2795	0.0732	0.0120	0.0852		1,292.2413	1,292.2413	0.0877		1,294.4337
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0643	0.0442	0.6042	1.7100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		170.8155	170.8155	5.0300e-003		170.9413
Total	**0.1916**	**4.1394**	**1.5644**	**0.0136**	**0.4346**	**0.0139**	**0.4485**	**0.1176**	**0.0133**	**0.1309**		**1,463.0568**	**1,463.0568**	**0.0927**		**1,465.3750**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.3074	0.0000	3.3074	0.5008	0.0000	0.5008			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
Total	**3.1651**	**31.4407**	**21.5650**	**0.0388**	**3.3074**	**1.5513**	**4.8588**	**0.5008**	**1.4411**	**1.9419**	**0.0000**	**3,747.9449**	**3,747.9449**	**1.0549**		**3,774.3174**

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1273	4.0952	0.9602	0.0119	0.2669	0.0126	0.2795	0.0732	0.0120	0.0852		1,292.2413	1,292.2413	0.0877		1,294.4337
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0643	0.0442	0.6042	1.7100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		170.8155	170.8155	5.0300e-003		170.9413
Total	**0.1916**	**4.1394**	**1.5644**	**0.0136**	**0.4346**	**0.0139**	**0.4485**	**0.1176**	**0.0133**	**0.1309**		**1,463.0568**	**1,463.0568**	**0.0927**		**1,465.3750**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**3.8882**	**40.4971**	**21.1543**	**0.0380**	**18.0663**	**2.0445**	**20.1107**	**9.9307**	**1.8809**	**11.8116**		**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0772	0.0530	0.7250	2.0600e-003	0.2012	1.6300e-003	0.2028	0.0534	1.5000e-003	0.0549		204.9786	204.9786	6.0400e-003		205.1296
Total	**0.0772**	**0.0530**	**0.7250**	**2.0600e-003**	**0.2012**	**1.6300e-003**	**0.2028**	**0.0534**	**1.5000e-003**	**0.0549**		**204.9786**	**204.9786**	**6.0400e-003**		**205.1296**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**3.8882**	**40.4971**	**21.1543**	**0.0380**	**18.0663**	**2.0445**	**20.1107**	**9.9307**	**1.8809**	**11.8116**	**0.0000**	**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0772	0.0530	0.7250	2.0600e-003	0.2012	1.6300e-003	0.2028	0.0534	1.5000e-003	0.0549		204.9786	204.9786	6.0400e-003		205.1296
Total	**0.0772**	**0.0530**	**0.7250**	**2.0600e-003**	**0.2012**	**1.6300e-003**	**0.2028**	**0.0534**	**1.5000e-003**	**0.0549**		**204.9786**	**204.9786**	**6.0400e-003**		**205.1296**

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**8.6733**	**1.9853**	**10.6587**	**3.5965**	**1.8265**	**5.4230**		**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

3.4 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0857	0.0589	0.8056	2.2900e-003	0.2236	1.8100e-003	0.2254	0.0593	1.6600e-003	0.0610		227.7540	227.7540	6.7100e-003		227.9217
Total	**0.0857**	**0.0589**	**0.8056**	**2.2900e-003**	**0.2236**	**1.8100e-003**	**0.2254**	**0.0593**	**1.6600e-003**	**0.0610**		**227.7540**	**227.7540**	**6.7100e-003**		**227.9217**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**8.6733**	**1.9853**	**10.6587**	**3.5965**	**1.8265**	**5.4230**	**0.0000**	**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

3.4 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0857	0.0589	0.8056	2.2900e-003	0.2236	1.8100e-003	0.2254	0.0593	1.6600e-003	0.0610		227.7540	227.7540	6.7100e-003		227.9217
Total	**0.0857**	**0.0589**	**0.8056**	**2.2900e-003**	**0.2236**	**1.8100e-003**	**0.2254**	**0.0593**	**1.6600e-003**	**0.0610**		**227.7540**	**227.7540**	**6.7100e-003**		**227.9217**

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**8.6733**	**1.6349**	**10.3082**	**3.5965**	**1.5041**	**5.1006**		**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0803	0.0532	0.7432	2.2100e-003	0.2236	1.7500e-003	0.2253	0.0593	1.6100e-003	0.0609		219.7425	219.7425	6.0600e-003		219.8941
Total	**0.0803**	**0.0532**	**0.7432**	**2.2100e-003**	**0.2236**	**1.7500e-003**	**0.2253**	**0.0593**	**1.6100e-003**	**0.0609**		**219.7425**	**219.7425**	**6.0600e-003**		**219.8941**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**8.6733**	**1.6349**	**10.3082**	**3.5965**	**1.5041**	**5.1006**	**0.0000**	**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0803	0.0532	0.7432	2.2100e-003	0.2236	1.7500e-003	0.2253	0.0593	1.6100e-003	0.0609		219.7425	219.7425	6.0600e-003		219.8941
Total	**0.0803**	**0.0532**	**0.7432**	**2.2100e-003**	**0.2236**	**1.7500e-003**	**0.2253**	**0.0593**	**1.6100e-003**	**0.0609**		**219.7425**	**219.7425**	**6.0600e-003**		**219.8941**

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**		**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4079	13.2032	3.4341	0.0364	0.9155	0.0248	0.9404	0.2636	0.0237	0.2873		3,896.5482	3,896.5482	0.2236		3,902.1384
Worker	3.2162	2.1318	29.7654	0.0883	8.9533	0.0701	9.0234	2.3745	0.0646	2.4390		8,800.6857	8,800.6857	0.2429		8,806.7582
Total	**3.6242**	**15.3350**	**33.1995**	**0.1247**	**9.8688**	**0.0949**	**9.9637**	**2.6381**	**0.0883**	**2.7263**		**12,697.2339**	**12,697.2339**	**0.4665**		**12,708.8966**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**	**0.0000**	**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.5 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4079	13.2032	3.4341	0.0364	0.9155	0.0248	0.9404	0.2636	0.0237	0.2873		3,896.5482	3,896.5482	0.2236		3,902.1384
Worker	3.2162	2.1318	29.7654	0.0883	8.9533	0.0701	9.0234	2.3745	0.0646	2.4390		8,800.6857	8,800.6857	0.2429		8,806.7582
Total	**3.6242**	**15.3350**	**33.1995**	**0.1247**	**9.8688**	**0.0949**	**9.9637**	**2.6381**	**0.0883**	**2.7263**		**12,697.2339**	**12,697.2339**	**0.4665**		**12,708.8966**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**		**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3027	10.0181	3.1014	0.0352	0.9156	0.0116	0.9271	0.2636	0.0111	0.2747		3,773.8762	3,773.8762	0.1982		3,778.8300
Worker	3.0203	1.9287	27.4113	0.0851	8.9533	0.0681	9.0214	2.3745	0.0627	2.4372		8,478.4408	8,478.4408	0.2190		8,483.9160
Total	**3.3229**	**11.9468**	**30.5127**	**0.1203**	**9.8688**	**0.0797**	**9.9485**	**2.6381**	**0.0738**	**2.7118**		**12,252.3170**	**12,252.3170**	**0.4172**		**12,262.7460**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**	**0.0000**	**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3027	10.0181	3.1014	0.0352	0.9156	0.0116	0.9271	0.2636	0.0111	0.2747		3,773.8762	3,773.8762	0.1982		3,778.8300
Worker	3.0203	1.9287	27.4113	0.0851	8.9533	0.0681	9.0214	2.3745	0.0627	2.4372		8,478.4408	8,478.4408	0.2190		8,483.9160
Total	**3.3229**	**11.9468**	**30.5127**	**0.1203**	**9.8688**	**0.0797**	**9.9485**	**2.6381**	**0.0738**	**2.7118**		**12,252.3170**	**12,252.3170**	**0.4172**		**12,262.7460**

3.6 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

3.6 Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0566	0.0361	0.5133	1.5900e-003	0.1677	1.2800e-003	0.1689	0.0445	1.1700e-003	0.0456		158.7723	158.7723	4.1000e-003		158.8748
Total	**0.0566**	**0.0361**	**0.5133**	**1.5900e-003**	**0.1677**	**1.2800e-003**	**0.1689**	**0.0445**	**1.1700e-003**	**0.0456**		**158.7723**	**158.7723**	**4.1000e-003**		**158.8748**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

3.6 Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0566	0.0361	0.5133	1.5900e-003	0.1677	1.2800e-003	0.1689	0.0445	1.1700e-003	0.0456		158.7723	158.7723	4.1000e-003		158.8748
Total	**0.0566**	**0.0361**	**0.5133**	**1.5900e-003**	**0.1677**	**1.2800e-003**	**0.1689**	**0.0445**	**1.1700e-003**	**0.0456**		**158.7723**	**158.7723**	**4.1000e-003**		**158.8748**

3.6 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**		**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

3.6 Paving - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0535	0.0329	0.4785	1.5400e-003	0.1677	1.2600e-003	0.1689	0.0445	1.1600e-003	0.0456		153.8517	153.8517	3.7600e-003		153.9458
Total	**0.0535**	**0.0329**	**0.4785**	**1.5400e-003**	**0.1677**	**1.2600e-003**	**0.1689**	**0.0445**	**1.1600e-003**	**0.0456**		**153.8517**	**153.8517**	**3.7600e-003**		**153.9458**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**	**0.0000**	**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

3.6 Paving - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0535	0.0329	0.4785	1.5400e-003	0.1677	1.2600e-003	0.1689	0.0445	1.1600e-003	0.0456		153.8517	153.8517	3.7600e-003		153.9458
Total	**0.0535**	**0.0329**	**0.4785**	**1.5400e-003**	**0.1677**	**1.2600e-003**	**0.1689**	**0.0445**	**1.1600e-003**	**0.0456**		**153.8517**	**153.8517**	**3.7600e-003**		**153.9458**

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	236.4115					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
Total	**236.5923**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**		**281.4481**	**281.4481**	**0.0159**		**281.8443**

3.7 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.5707	0.3513	5.1044	0.0165	1.7884	0.0134	1.8018	0.4743	0.0123	0.4866		1,641.0852	1,641.0852	0.0401		1,642.0886
Total	**0.5707**	**0.3513**	**5.1044**	**0.0165**	**1.7884**	**0.0134**	**1.8018**	**0.4743**	**0.0123**	**0.4866**		**1,641.0852**	**1,641.0852**	**0.0401**		**1,642.0886**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	236.4115					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443
Total	**236.5923**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**	**0.0000**	**281.4481**	**281.4481**	**0.0159**		**281.8443**

3.7 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.5707	0.3513	5.1044	0.0165	1.7884	0.0134	1.8018	0.4743	0.0123	0.4866		1,641.0852	1,641.0852	0.0401		1,642.0886
Total	**0.5707**	**0.3513**	**5.1044**	**0.0165**	**1.7884**	**0.0134**	**1.8018**	**0.4743**	**0.0123**	**0.4866**		**1,641.0852**	**1,641.0852**	**0.0401**		**1,642.0886**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	9.8489	45.4304	114.8495	0.4917	45.9592	0.3360	46.2951	12.2950	0.3119	12.6070		50,306.6034	50,306.6034	2.1807		50,361.1208
Unmitigated	9.8489	45.4304	114.8495	0.4917	45.9592	0.3360	46.2951	12.2950	0.3119	12.6070		50,306.6034	50,306.6034	2.1807		50,361.1208

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	145.75	154.25	154.00	506,227	506,227
Apartments Mid Rise	4,026.75	3,773.25	4075.50	13,660,065	13,660,065
General Office Building	288.45	62.55	31.05	706,812	706,812
High Turnover (Sit Down Restaurant)	2,368.80	2,873.52	2817.72	3,413,937	3,413,937
Hotel	192.00	187.50	160.00	445,703	445,703
Quality Restaurant	501.12	511.92	461.20	707,488	707,488
Regional Shopping Center	528.08	601.44	357.84	1,112,221	1,112,221
Total	8,050.95	8,164.43	8,057.31	20,552,452	20,552,452

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Apartments Mid Rise	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
General Office Building	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
High Turnover (Sit Down Restaurant)	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Hotel	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Quality Restaurant	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Regional Shopping Center	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.7660	6.7462	4.2573	0.0418		0.5292	0.5292		0.5292	0.5292		8,355.9832	8,355.9832	0.1602	0.1532	8,405.6387
NaturalGas Unmitigated	0.7660	6.7462	4.2573	0.0418		0.5292	0.5292		0.5292	0.5292		8,355.9832	8,355.9832	0.1602	0.1532	8,405.6387

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	1119.16	0.0121	0.1031	0.0439	6.6000e-004		8.3400e-003	8.3400e-003		8.3400e-003	8.3400e-003		131.6662	131.6662	2.5200e-003	2.4100e-003	132.4486
Apartments Mid Rise	35784.3	0.3859	3.2978	1.4033	0.0211		0.2666	0.2666		0.2666	0.2666		4,209.9164	4,209.9164	0.0807	0.0772	4,234.9339
General Office Building	1283.42	0.0138	0.1258	0.1057	7.5000e-004		9.5600e-003	9.5600e-003		9.5600e-003	9.5600e-003		150.9911	150.9911	2.8900e-003	2.7700e-003	151.8884
High Turnover (Sit Down Restaurant)	22759.9	0.2455	2.2314	1.8743	0.0134		0.1696	0.1696		0.1696	0.1696		2,677.6342	2,677.6342	0.0513	0.0491	2,693.5460
Hotel	4769.72	0.0514	0.4676	0.3928	2.8100e-003		0.0355	0.0355		0.0355	0.0355		561.1436	561.1436	0.0108	0.0103	564.4782
Quality Restaurant	5057.75	0.0545	0.4959	0.4165	2.9800e-003		0.0377	0.0377		0.0377	0.0377		595.0298	595.0298	0.0114	0.0109	598.5658
Regional Shopping Center	251.616	2.7100e-003	0.0247	0.0207	1.5000e-004		1.8700e-003	1.8700e-003		1.8700e-003	1.8700e-003		29.6019	29.6019	5.7000e-004	5.4000e-004	29.7778
Total		**0.7660**	**6.7463**	**4.2573**	**0.0418**		**0.5292**	**0.5292**		**0.5292**	**0.5292**		**8,355.9832**	**8,355.9832**	**0.1602**	**0.1532**	**8,405.6387**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	1.11916	0.0121	0.1031	0.0439	6.6000e-004		8.3400e-003	8.3400e-003		8.3400e-003	8.3400e-003		131.6662	131.6662	2.5200e-003	2.4100e-003	132.4486
Apartments Mid Rise	35.7843	0.3859	3.2978	1.4033	0.0211		0.2666	0.2666		0.2666	0.2666		4,209.9164	4,209.9164	0.0807	0.0772	4,234.9339
General Office Building	1.28342	0.0138	0.1258	0.1057	7.5000e-004		9.5600e-003	9.5600e-003		9.5600e-003	9.5600e-003		150.9911	150.9911	2.8900e-003	2.7700e-003	151.8884
High Turnover (Sit Down Restaurant)	22.7599	0.2455	2.2314	1.8743	0.0134		0.1696	0.1696		0.1696	0.1696		2,677.6342	2,677.6342	0.0513	0.0491	2,693.5460
Hotel	4.76972	0.0514	0.4676	0.3928	2.8100e-003		0.0355	0.0355		0.0355	0.0355		561.1436	561.1436	0.0108	0.0103	564.4782
Quality Restaurant	5.05775	0.0545	0.4959	0.4165	2.9800e-003		0.0377	0.0377		0.0377	0.0377		595.0298	595.0298	0.0114	0.0109	598.5658
Regional Shopping Center	0.251616	2.7100e-003	0.0247	0.0207	1.5000e-004		1.8700e-003	1.8700e-003		1.8700e-003	1.8700e-003		29.6019	29.6019	5.7000e-004	5.4000e-004	29.7778
Total		**0.7660**	**6.7463**	**4.2573**	**0.0418**		**0.5292**	**0.5292**		**0.5292**	**0.5292**		**8,355.9832**	**8,355.9832**	**0.1602**	**0.1532**	**8,405.6387**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	30.5020	15.0496	88.4430	0.0944		1.5974	1.5974		1.5974	1.5974	0.0000	18,148.5950	18,148.5950	0.4874	0.3300	18,259.1192
Unmitigated	30.5020	15.0496	88.4430	0.0944		1.5974	1.5974		1.5974	1.5974	0.0000	18,148.5950	18,148.5950	0.4874	0.3300	18,259.1192

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.2670					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	24.1085					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.6500	14.1000	6.0000	0.0900		1.1400	1.1400		1.1400	1.1400	0.0000	18,000.0000	18,000.0000	0.3450	0.3300	18,106.9650
Landscaping	2.4766	0.9496	82.4430	4.3600e-003		0.4574	0.4574		0.4574	0.4574		148.5950	148.5950	0.1424		152.1542
Total	**30.5020**	**15.0496**	**88.4430**	**0.0944**		**1.5974**	**1.5974**		**1.5974**	**1.5974**	**0.0000**	**18,148.5950**	**18,148.5950**	**0.4874**	**0.3300**	**18,259.1192**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.2670					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	24.1085					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.6500	14.1000	6.0000	0.0900		1.1400	1.1400		1.1400	1.1400	0.0000	18,000.0000	18,000.0000	0.3450	0.3300	18,106.9650
Landscaping	2.4766	0.9496	82.4430	4.3600e-003		0.4574	0.4574		0.4574	0.4574		148.5950	148.5950	0.1424		152.1542
Total	**30.5020**	**15.0496**	**88.4430**	**0.0944**		**1.5974**	**1.5974**		**1.5974**	**1.5974**	**0.0000**	**18,148.5950**	**18,148.5950**	**0.4874**	**0.3300**	**18,259.1192**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Village South Specific Plan (Proposed)

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	45.00	1000sqft	1.03	45,000.00	0
High Turnover (Sit Down Restaurant)	36.00	1000sqft	0.83	36,000.00	0
Hotel	50.00	Room	1.67	72,600.00	0
Quality Restaurant	8.00	1000sqft	0.18	8,000.00	0
Apartments Low Rise	25.00	Dwelling Unit	1.56	25,000.00	72
Apartments Mid Rise	975.00	Dwelling Unit	25.66	975,000.00	2789
Regional Shopping Center	56.00	1000sqft	1.29	56,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	9			**Operational Year**	2028
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

Project Characteristics - Consistent with the DEIR's model.

Land Use - See SWAPE comment regarding residential and retail land uses.

Construction Phase - See SWAPE comment regarding individual construction phase lengths.

Demolition - Consistent with the DEIR's model. See SWAPE comment regarding demolition.

Vehicle Trips - Saturday trips consistent with the DEIR's model. See SWAPE comment regarding weekday and Sunday trips.

Woodstoves - Woodstoves and wood-burning fireplaces consistent with the DEIR's model. See SWAPE comment regarding gas fireplaces.

Energy Use -

Construction Off-road Equipment Mitigation - See SWAPE comment on construction-related mitigation.

Area Mitigation - See SWAPE comment regarding operational mitigation measures.

Water Mitigation - See SWAPE comment regarding operational mitigation measures.

Table Name	Column Name	Default Value	New Value
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberWood	1.25	0.00
tblFireplaces	NumberWood	48.75	0.00
tblVehicleTrips	ST_TR	7.16	6.17
tblVehicleTrips	ST_TR	6.39	3.87
tblVehicleTrips	ST_TR	2.46	1.39
tblVehicleTrips	ST_TR	158.37	79.82
tblVehicleTrips	ST_TR	8.19	3.75
tblVehicleTrips	ST_TR	94.36	63.99
tblVehicleTrips	ST_TR	49.97	10.74
tblVehicleTrips	SU_TR	6.07	6.16
tblVehicleTrips	SU_TR	5.86	4.18
tblVehicleTrips	SU_TR	1.05	0.69
tblVehicleTrips	SU_TR	131.84	78.27

tblVehicleTrips	SU_TR	5.95	3.20
tblVehicleTrips	SU_TR	72.16	57.65
tblVehicleTrips	SU_TR	25.24	6.39
tblVehicleTrips	WD_TR	6.59	5.83
tblVehicleTrips	WD_TR	6.65	4.13
tblVehicleTrips	WD_TR	11.03	6.41
tblVehicleTrips	WD_TR	127.15	65.80
tblVehicleTrips	WD_TR	8.17	3.84
tblVehicleTrips	WD_TR	89.95	62.64
tblVehicleTrips	WD_TR	42.70	9.43
tblWoodstoves	NumberCatalytic	1.25	0.00
tblWoodstoves	NumberCatalytic	48.75	0.00
tblWoodstoves	NumberNoncatalytic	1.25	0.00
tblWoodstoves	NumberNoncatalytic	48.75	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	4.2865	46.4651	31.6150	0.0642	18.2675	2.0461	20.3135	9.9840	1.8824	11.8664	0.0000	6,221.4937	6,221.4937	1.9491	0.0000	6,270.2214
2022	5.7218	38.9024	47.3319	0.1455	9.8688	1.6366	10.7736	3.6558	1.5057	5.1615	0.0000	14,630.3099	14,630.3099	1.9499	0.0000	14,657.2663
2023	5.2705	26.4914	44.5936	0.1413	9.8688	0.7800	10.6488	2.6381	0.7328	3.3708	0.0000	14,210.3424	14,210.3424	1.0230	0.0000	14,235.9160
2024	237.2328	9.5610	15.0611	0.0243	1.7884	0.4698	1.8628	0.4743	0.4322	0.5476	0.0000	2,352.4178	2,352.4178	0.7175	0.0000	2,370.3550
Maximum	**237.2328**	**46.4651**	**47.3319**	**0.1455**	**18.2675**	**2.0461**	**20.3135**	**9.9840**	**1.8824**	**11.8664**	**0.0000**	**14,630.3099**	**14,630.3099**	**1.9499**	**0.0000**	**14,657.2663**

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	4.2865	46.4651	31.6150	0.0642	18.2675	2.0461	20.3135	9.9840	1.8824	11.8664	0.0000	6,221.4937	6,221.4937	1.9491	0.0000	6,270.2214
2022	5.7218	38.9024	47.3319	0.1455	9.8688	1.6366	10.7736	3.6558	1.5057	5.1615	0.0000	14,630.3099	14,630.3099	1.9499	0.0000	14,657.2663
2023	5.2705	26.4914	44.5936	0.1413	9.8688	0.7800	10.6488	2.6381	0.7328	3.3708	0.0000	14,210.3424	14,210.3424	1.0230	0.0000	14,235.9160
2024	237.2328	9.5610	15.0611	0.0243	1.7884	0.4698	1.8628	0.4743	0.4322	0.5476	0.0000	2,352.4178	2,352.4178	0.7175	0.0000	2,370.3550
Maximum	**237.2328**	**46.4651**	**47.3319**	**0.1455**	**18.2675**	**2.0461**	**20.3135**	**9.9840**	**1.8824**	**11.8664**	**0.0000**	**14,630.3099**	**14,630.3099**	**1.9499**	**0.0000**	**14,657.2663**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	30.5020	15.0496	88.4430	0.0944		1.5974	1.5974		1.5974	1.5974	0.0000	18,148.5950	18,148.5950	0.4874	0.3300	18,259.1192
Energy	0.7660	6.7462	4.2573	0.0418		0.5292	0.5292		0.5292	0.5292		8,355.9832	8,355.9832	0.1602	0.1532	8,405.6387
Mobile	9.5233	45.9914	110.0422	0.4681	45.9592	0.3373	46.2965	12.2950	0.3132	12.6083		47,917.8005	47,917.8005	2.1953		47,972.6839
Total	**40.7912**	**67.7872**	**202.7424**	**0.6043**	**45.9592**	**2.4640**	**48.4231**	**12.2950**	**2.4399**	**14.7349**	**0.0000**	**74,422.3787**	**74,422.3787**	**2.8429**	**0.4832**	**74,637.4417**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	30.5020	15.0496	88.4430	0.0944		1.5974	1.5974		1.5974	1.5974	0.0000	18,148.5950	18,148.5950	0.4874	0.3300	18,259.1192
Energy	0.7660	6.7462	4.2573	0.0418		0.5292	0.5292		0.5292	0.5292		8,355.9832	8,355.9832	0.1602	0.1532	8,405.6387
Mobile	9.5233	45.9914	110.0422	0.4681	45.9592	0.3373	46.2965	12.2950	0.3132	12.6083		47,917.8005	47,917.8005	2.1953		47,972.6839
Total	**40.7912**	**67.7872**	**202.7424**	**0.6043**	**45.9592**	**2.4640**	**48.4231**	**12.2950**	**2.4399**	**14.7349**	**0.0000**	**74,422.3787**	**74,422.3787**	**2.8429**	**0.4832**	**74,637.4417**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/1/2021	10/12/2021	5	30	
2	Site Preparation	Site Preparation	10/13/2021	11/9/2021	5	20	
3	Grading	Grading	11/10/2021	1/11/2022	5	45	
4	Building Construction	Building Construction	1/12/2022	12/12/2023	5	500	
5	Paving	Paving	12/13/2023	1/30/2024	5	35	
6	Architectural Coating	Architectural Coating	1/31/2024	3/19/2024	5	35	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 112.5

Acres of Paving: 0

Residential Indoor: 2,025,000; Residential Outdoor: 675,000; Non-Residential Indoor: 326,400; Non-Residential Outdoor: 108,800; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	458.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	801.00	143.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	160.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.3074	0.0000	3.3074	0.5008	0.0000	0.5008			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
Total	**3.1651**	**31.4407**	**21.5650**	**0.0388**	**3.3074**	**1.5513**	**4.8588**	**0.5008**	**1.4411**	**1.9419**		**3,747.9449**	**3,747.9449**	**1.0549**		**3,774.3174**

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1304	4.1454	1.0182	0.0117	0.2669	0.0128	0.2797	0.0732	0.0122	0.0854		1,269.8555	1,269.8555	0.0908		1,272.1252
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0715	0.0489	0.5524	1.6100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		160.8377	160.8377	4.7300e-003		160.9560
Total	**0.2019**	**4.1943**	**1.5706**	**0.0133**	**0.4346**	**0.0141**	**0.4487**	**0.1176**	**0.0135**	**0.1311**		**1,430.6932**	**1,430.6932**	**0.0955**		**1,433.0812**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.3074	0.0000	3.3074	0.5008	0.0000	0.5008			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
Total	**3.1651**	**31.4407**	**21.5650**	**0.0388**	**3.3074**	**1.5513**	**4.8588**	**0.5008**	**1.4411**	**1.9419**	**0.0000**	**3,747.9449**	**3,747.9449**	**1.0549**		**3,774.3174**

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1304	4.1454	1.0182	0.0117	0.2669	0.0128	0.2797	0.0732	0.0122	0.0854		1,269.8555	1,269.8555	0.0908		1,272.1252
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0715	0.0489	0.5524	1.6100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		160.8377	160.8377	4.7300e-003		160.9560
Total	**0.2019**	**4.1943**	**1.5706**	**0.0133**	**0.4346**	**0.0141**	**0.4487**	**0.1176**	**0.0135**	**0.1311**		**1,430.6932**	**1,430.6932**	**0.0955**		**1,433.0812**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**3.8882**	**40.4971**	**21.1543**	**0.0380**	**18.0663**	**2.0445**	**20.1107**	**9.9307**	**1.8809**	**11.8116**		**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0858	0.0587	0.6629	1.9400e-003	0.2012	1.6300e-003	0.2028	0.0534	1.5000e-003	0.0549		193.0052	193.0052	5.6800e-003		193.1472
Total	**0.0858**	**0.0587**	**0.6629**	**1.9400e-003**	**0.2012**	**1.6300e-003**	**0.2028**	**0.0534**	**1.5000e-003**	**0.0549**		**193.0052**	**193.0052**	**5.6800e-003**		**193.1472**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**3.8882**	**40.4971**	**21.1543**	**0.0380**	**18.0663**	**2.0445**	**20.1107**	**9.9307**	**1.8809**	**11.8116**	**0.0000**	**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0858	0.0587	0.6629	1.9400e-003	0.2012	1.6300e-003	0.2028	0.0534	1.5000e-003	0.0549		193.0052	193.0052	5.6800e-003		193.1472
Total	**0.0858**	**0.0587**	**0.6629**	**1.9400e-003**	**0.2012**	**1.6300e-003**	**0.2028**	**0.0534**	**1.5000e-003**	**0.0549**		**193.0052**	**193.0052**	**5.6800e-003**		**193.1472**

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**8.6733**	**1.9853**	**10.6587**	**3.5965**	**1.8265**	**5.4230**		**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

3.4 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0954	0.0652	0.7365	2.1500e-003	0.2236	1.8100e-003	0.2254	0.0593	1.6600e-003	0.0610		214.4502	214.4502	6.3100e-003		214.6080
Total	**0.0954**	**0.0652**	**0.7365**	**2.1500e-003**	**0.2236**	**1.8100e-003**	**0.2254**	**0.0593**	**1.6600e-003**	**0.0610**		**214.4502**	**214.4502**	**6.3100e-003**		**214.6080**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**8.6733**	**1.9853**	**10.6587**	**3.5965**	**1.8265**	**5.4230**	**0.0000**	**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

3.4 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0954	0.0652	0.7365	2.1500e-003	0.2236	1.8100e-003	0.2254	0.0593	1.6600e-003	0.0610		214.4502	214.4502	6.3100e-003		214.6080
Total	**0.0954**	**0.0652**	**0.7365**	**2.1500e-003**	**0.2236**	**1.8100e-003**	**0.2254**	**0.0593**	**1.6600e-003**	**0.0610**		**214.4502**	**214.4502**	**6.3100e-003**		**214.6080**

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**8.6733**	**1.6349**	**10.3082**	**3.5965**	**1.5041**	**5.1006**		**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0896	0.0589	0.6784	2.0800e-003	0.2236	1.7500e-003	0.2253	0.0593	1.6100e-003	0.0609		206.9139	206.9139	5.7000e-003		207.0563
Total	**0.0896**	**0.0589**	**0.6784**	**2.0800e-003**	**0.2236**	**1.7500e-003**	**0.2253**	**0.0593**	**1.6100e-003**	**0.0609**		**206.9139**	**206.9139**	**5.7000e-003**		**207.0563**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**8.6733**	**1.6349**	**10.3082**	**3.5965**	**1.5041**	**5.1006**	**0.0000**	**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0896	0.0589	0.6784	2.0800e-003	0.2236	1.7500e-003	0.2253	0.0593	1.6100e-003	0.0609		206.9139	206.9139	5.7000e-003		207.0563
Total	**0.0896**	**0.0589**	**0.6784**	**2.0800e-003**	**0.2236**	**1.7500e-003**	**0.2253**	**0.0593**	**1.6100e-003**	**0.0609**		**206.9139**	**206.9139**	**5.7000e-003**		**207.0563**

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**		**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4284	13.1673	3.8005	0.0354	0.9155	0.0256	0.9412	0.2636	0.0245	0.2881		3,789.0750	3,789.0750	0.2381		3,795.0283
Worker	3.5872	2.3593	27.1680	0.0832	8.9533	0.0701	9.0234	2.3745	0.0646	2.4390		8,286.9013	8,286.9013	0.2282		8,292.6058
Total	**4.0156**	**15.5266**	**30.9685**	**0.1186**	**9.8688**	**0.0957**	**9.9645**	**2.6381**	**0.0891**	**2.7271**		**12,075.9763**	**12,075.9763**	**0.4663**		**12,087.6341**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**	**0.0000**	**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.5 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4284	13.1673	3.8005	0.0354	0.9155	0.0256	0.9412	0.2636	0.0245	0.2881		3,789.0750	3,789.0750	0.2381		3,795.0283
Worker	3.5872	2.3593	27.1680	0.0832	8.9533	0.0701	9.0234	2.3745	0.0646	2.4390		8,286.9013	8,286.9013	0.2282		8,292.6058
Total	**4.0156**	**15.5266**	**30.9685**	**0.1186**	**9.8688**	**0.0957**	**9.9645**	**2.6381**	**0.0891**	**2.7271**		**12,075.9763**	**12,075.9763**	**0.4663**		**12,087.6341**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**		**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3183	9.9726	3.3771	0.0343	0.9156	0.0122	0.9277	0.2636	0.0116	0.2752		3,671.4007	3,671.4007	0.2096		3,676.6417
Worker	3.3795	2.1338	24.9725	0.0801	8.9533	0.0681	9.0214	2.3745	0.0627	2.4372		7,983.7318	7,983.7318	0.2055		7,988.8683
Total	**3.6978**	**12.1065**	**28.3496**	**0.1144**	**9.8688**	**0.0803**	**9.9491**	**2.6381**	**0.0743**	**2.7124**		**11,655.1325**	**11,655.1325**	**0.4151**		**11,665.5099**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**	**0.0000**	**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3183	9.9726	3.3771	0.0343	0.9156	0.0122	0.9277	0.2636	0.0116	0.2752		3,671.4007	3,671.4007	0.2096		3,676.6417
Worker	3.3795	2.1338	24.9725	0.0801	8.9533	0.0681	9.0214	2.3745	0.0627	2.4372		7,983.7318	7,983.7318	0.2055		7,988.8683
Total	**3.6978**	**12.1065**	**28.3496**	**0.1144**	**9.8688**	**0.0803**	**9.9491**	**2.6381**	**0.0743**	**2.7124**		**11,655.1325**	**11,655.1325**	**0.4151**		**11,665.5099**

3.6 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

3.6 Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0633	0.0400	0.4677	1.5000e-003	0.1677	1.2800e-003	0.1689	0.0445	1.1700e-003	0.0456		149.5081	149.5081	3.8500e-003		149.6043
Total	**0.0633**	**0.0400**	**0.4677**	**1.5000e-003**	**0.1677**	**1.2800e-003**	**0.1689**	**0.0445**	**1.1700e-003**	**0.0456**		**149.5081**	**149.5081**	**3.8500e-003**		**149.6043**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

3.6 Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0633	0.0400	0.4677	1.5000e-003	0.1677	1.2800e-003	0.1689	0.0445	1.1700e-003	0.0456		149.5081	149.5081	3.8500e-003		149.6043
Total	**0.0633**	**0.0400**	**0.4677**	**1.5000e-003**	**0.1677**	**1.2800e-003**	**0.1689**	**0.0445**	**1.1700e-003**	**0.0456**		**149.5081**	**149.5081**	**3.8500e-003**		**149.6043**

3.6 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**		**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

3.6 Paving - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0601	0.0364	0.4354	1.4500e-003	0.1677	1.2600e-003	0.1689	0.0445	1.1600e-003	0.0456		144.8706	144.8706	3.5300e-003		144.9587
Total	**0.0601**	**0.0364**	**0.4354**	**1.4500e-003**	**0.1677**	**1.2600e-003**	**0.1689**	**0.0445**	**1.1600e-003**	**0.0456**		**144.8706**	**144.8706**	**3.5300e-003**		**144.9587**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**	**0.0000**	**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

3.6 Paving - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0601	0.0364	0.4354	1.4500e-003	0.1677	1.2600e-003	0.1689	0.0445	1.1600e-003	0.0456		144.8706	144.8706	3.5300e-003		144.9587
Total	**0.0601**	**0.0364**	**0.4354**	**1.4500e-003**	**0.1677**	**1.2600e-003**	**0.1689**	**0.0445**	**1.1600e-003**	**0.0456**		**144.8706**	**144.8706**	**3.5300e-003**		**144.9587**

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	236.4115					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
Total	**236.5923**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**		**281.4481**	**281.4481**	**0.0159**		**281.8443**

3.7 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6406	0.3886	4.6439	0.0155	1.7884	0.0134	1.8018	0.4743	0.0123	0.4866		1,545.2860	1,545.2860	0.0376		1,546.2262
Total	**0.6406**	**0.3886**	**4.6439**	**0.0155**	**1.7884**	**0.0134**	**1.8018**	**0.4743**	**0.0123**	**0.4866**		**1,545.2860**	**1,545.2860**	**0.0376**		**1,546.2262**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	236.4115					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443
Total	**236.5923**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**	**0.0000**	**281.4481**	**281.4481**	**0.0159**		**281.8443**

3.7 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6406	0.3886	4.6439	0.0155	1.7884	0.0134	1.8018	0.4743	0.0123	0.4866		1,545.2860	1,545.2860	0.0376		1,546.2262
Total	**0.6406**	**0.3886**	**4.6439**	**0.0155**	**1.7884**	**0.0134**	**1.8018**	**0.4743**	**0.0123**	**0.4866**		**1,545.2860**	**1,545.2860**	**0.0376**		**1,546.2262**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	9.5233	45.9914	110.0422	0.4681	45.9592	0.3373	46.2965	12.2950	0.3132	12.6083		47,917.8005	47,917.8005	2.1953		47,972.6839
Unmitigated	9.5233	45.9914	110.0422	0.4681	45.9592	0.3373	46.2965	12.2950	0.3132	12.6083		47,917.8005	47,917.8005	2.1953		47,972.6839

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	145.75	154.25	154.00	506,227	506,227
Apartments Mid Rise	4,026.75	3,773.25	4075.50	13,660,065	13,660,065
General Office Building	288.45	62.55	31.05	706,812	706,812
High Turnover (Sit Down Restaurant)	2,368.80	2,873.52	2817.72	3,413,937	3,413,937
Hotel	192.00	187.50	160.00	445,703	445,703
Quality Restaurant	501.12	511.92	461.20	707,488	707,488
Regional Shopping Center	528.08	601.44	357.84	1,112,221	1,112,221
Total	8,050.95	8,164.43	8,057.31	20,552,452	20,552,452

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Apartments Mid Rise	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
General Office Building	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
High Turnover (Sit Down Restaurant)	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Hotel	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Quality Restaurant	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Regional Shopping Center	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.7660	6.7462	4.2573	0.0418		0.5292	0.5292		0.5292	0.5292		8,355.9832	8,355.9832	0.1602	0.1532	8,405.6387
NaturalGas Unmitigated	0.7660	6.7462	4.2573	0.0418		0.5292	0.5292		0.5292	0.5292		8,355.9832	8,355.9832	0.1602	0.1532	8,405.6387

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	1119.16	0.0121	0.1031	0.0439	6.6000e-004		8.3400e-003	8.3400e-003		8.3400e-003	8.3400e-003		131.6662	131.6662	2.5200e-003	2.4100e-003	132.4486
Apartments Mid Rise	35784.3	0.3859	3.2978	1.4033	0.0211		0.2666	0.2666		0.2666	0.2666		4,209.9164	4,209.9164	0.0807	0.0772	4,234.9339
General Office Building	1283.42	0.0138	0.1258	0.1057	7.5000e-004		9.5600e-003	9.5600e-003		9.5600e-003	9.5600e-003		150.9911	150.9911	2.8900e-003	2.7700e-003	151.8884
High Turnover (Sit Down Restaurant)	22759.9	0.2455	2.2314	1.8743	0.0134		0.1696	0.1696		0.1696	0.1696		2,677.6342	2,677.6342	0.0513	0.0491	2,693.5460
Hotel	4769.72	0.0514	0.4676	0.3928	2.8100e-003		0.0355	0.0355		0.0355	0.0355		561.1436	561.1436	0.0108	0.0103	564.4782
Quality Restaurant	5057.75	0.0545	0.4959	0.4165	2.9800e-003		0.0377	0.0377		0.0377	0.0377		595.0298	595.0298	0.0114	0.0109	598.5658
Regional Shopping Center	251.616	2.7100e-003	0.0247	0.0207	1.5000e-004		1.8700e-003	1.8700e-003		1.8700e-003	1.8700e-003		29.6019	29.6019	5.7000e-004	5.4000e-004	29.7778
Total		**0.7660**	**6.7463**	**4.2573**	**0.0418**		**0.5292**	**0.5292**		**0.5292**	**0.5292**		**8,355.9832**	**8,355.9832**	**0.1602**	**0.1532**	**8,405.6387**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	1.11916	0.0121	0.1031	0.0439	6.6000e-004		8.3400e-003	8.3400e-003		8.3400e-003	8.3400e-003		131.6662	131.6662	2.5200e-003	2.4100e-003	132.4486
Apartments Mid Rise	35.7843	0.3859	3.2978	1.4033	0.0211		0.2666	0.2666		0.2666	0.2666		4,209.9164	4,209.9164	0.0807	0.0772	4,234.9339
General Office Building	1.28342	0.0138	0.1258	0.1057	7.5000e-004		9.5600e-003	9.5600e-003		9.5600e-003	9.5600e-003		150.9911	150.9911	2.8900e-003	2.7700e-003	151.8884
High Turnover (Sit Down Restaurant)	22.7599	0.2455	2.2314	1.8743	0.0134		0.1696	0.1696		0.1696	0.1696		2,677.6342	2,677.6342	0.0513	0.0491	2,693.5460
Hotel	4.76972	0.0514	0.4676	0.3928	2.8100e-003		0.0355	0.0355		0.0355	0.0355		561.1436	561.1436	0.0108	0.0103	564.4782
Quality Restaurant	5.05775	0.0545	0.4959	0.4165	2.9800e-003		0.0377	0.0377		0.0377	0.0377		595.0298	595.0298	0.0114	0.0109	598.5658
Regional Shopping Center	0.251616	2.7100e-003	0.0247	0.0207	1.5000e-004		1.8700e-003	1.8700e-003		1.8700e-003	1.8700e-003		29.6019	29.6019	5.7000e-004	5.4000e-004	29.7778
Total		**0.7660**	**6.7463**	**4.2573**	**0.0418**		**0.5292**	**0.5292**		**0.5292**	**0.5292**		**8,355.9832**	**8,355.9832**	**0.1602**	**0.1532**	**8,405.6387**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	30.5020	15.0496	88.4430	0.0944		1.5974	1.5974		1.5974	1.5974	0.0000	18,148.5950	18,148.5950	0.4874	0.3300	18,259.1192
Unmitigated	30.5020	15.0496	88.4430	0.0944		1.5974	1.5974		1.5974	1.5974	0.0000	18,148.5950	18,148.5950	0.4874	0.3300	18,259.1192

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.2670					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	24.1085					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.6500	14.1000	6.0000	0.0900		1.1400	1.1400		1.1400	1.1400	0.0000	18,000.0000	18,000.0000	0.3450	0.3300	18,106.9650
Landscaping	2.4766	0.9496	82.4430	4.3600e-003		0.4574	0.4574		0.4574	0.4574		148.5950	148.5950	0.1424		152.1542
Total	**30.5020**	**15.0496**	**88.4430**	**0.0944**		**1.5974**	**1.5974**		**1.5974**	**1.5974**	**0.0000**	**18,148.5950**	**18,148.5950**	**0.4874**	**0.3300**	**18,259.1192**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.2670					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	24.1085					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.6500	14.1000	6.0000	0.0900		1.1400	1.1400		1.1400	1.1400	0.0000	18,000.0000	18,000.0000	0.3450	0.3300	18,106.9650
Landscaping	2.4766	0.9496	82.4430	4.3600e-003		0.4574	0.4574		0.4574	0.4574		148.5950	148.5950	0.1424		152.1542
Total	**30.5020**	**15.0496**	**88.4430**	**0.0944**		**1.5974**	**1.5974**		**1.5974**	**1.5974**	**0.0000**	**18,148.5950**	**18,148.5950**	**0.4874**	**0.3300**	**18,259.1192**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Village South Specific Plan (Proposed)

Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	45.00	1000sqft	1.03	45,000.00	0
High Turnover (Sit Down Restaurant)	36.00	1000sqft	0.83	36,000.00	0
Hotel	50.00	Room	1.67	72,600.00	0
Quality Restaurant	8.00	1000sqft	0.18	8,000.00	0
Apartments Low Rise	25.00	Dwelling Unit	1.56	25,000.00	72
Apartments Mid Rise	975.00	Dwelling Unit	25.66	975,000.00	2789
Regional Shopping Center	56.00	1000sqft	1.29	56,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	9			**Operational Year**	2028
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

Project Characteristics - Consistent with the DEIR's model.

Land Use - See SWAPE comment regarding residential and retail land uses.

Construction Phase - See SWAPE comment regarding individual construction phase lengths.

Demolition - Consistent with the DEIR's model. See SWAPE comment regarding demolition.

Vehicle Trips - Saturday trips consistent with the DEIR's model. See SWAPE comment regarding weekday and Sunday trips.

Woodstoves - Woodstoves and wood-burning fireplaces consistent with the DEIR's model. See SWAPE comment regarding gas fireplaces.

Energy Use -

Construction Off-road Equipment Mitigation - See SWAPE comment on construction-related mitigation.

Area Mitigation - See SWAPE comment regarding operational mitigation measures.

Water Mitigation - See SWAPE comment regarding operational mitigation measures.

Trips and VMT - Local hire provision

Table Name	Column Name	Default Value	New Value
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberWood	1.25	0.00
tblFireplaces	NumberWood	48.75	0.00
tblTripsAndVMT	WorkerTripLength	14.70	10.00
tblTripsAndVMT	WorkerTripLength	14.70	10.00
tblTripsAndVMT	WorkerTripLength	14.70	10.00
tblTripsAndVMT	WorkerTripLength	14.70	10.00
tblTripsAndVMT	WorkerTripLength	14.70	10.00
tblTripsAndVMT	WorkerTripLength	14.70	10.00
tblVehicleTrips	ST_TR	7.16	6.17
tblVehicleTrips	ST_TR	6.39	3.87
tblVehicleTrips	ST_TR	2.46	1.39
tblVehicleTrips	ST_TR	158.37	79.82

tblVehicleTrips	ST_TR	8.19	3.75
tblVehicleTrips	ST_TR	94.36	63.99
tblVehicleTrips	ST_TR	49.97	10.74
tblVehicleTrips	SU_TR	6.07	6.16
tblVehicleTrips	SU_TR	5.86	4.18
tblVehicleTrips	SU_TR	1.05	0.69
tblVehicleTrips	SU_TR	131.84	78.27
tblVehicleTrips	SU_TR	5.95	3.20
tblVehicleTrips	SU_TR	72.16	57.65
tblVehicleTrips	SU_TR	25.24	6.39
tblVehicleTrips	WD_TR	6.59	5.83
tblVehicleTrips	WD_TR	6.65	4.13
tblVehicleTrips	WD_TR	11.03	6.41
tblVehicleTrips	WD_TR	127.15	65.80
tblVehicleTrips	WD_TR	8.17	3.84
tblVehicleTrips	WD_TR	89.95	62.64
tblVehicleTrips	WD_TR	42.70	9.43
tblWoodstoves	NumberCatalytic	1.25	0.00
tblWoodstoves	NumberCatalytic	48.75	0.00
tblWoodstoves	NumberNoncatalytic	1.25	0.00
tblWoodstoves	NumberNoncatalytic	48.75	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.1704	1.8234	1.1577	2.3800e-003	0.4141	0.0817	0.4958	0.1788	0.0754	0.2542	0.0000	210.7654	210.7654	0.0600	0.0000	212.2661
2022	0.5865	4.0240	5.1546	0.0155	0.9509	0.1175	1.0683	0.2518	0.1103	0.3621	0.0000	1,418.6554	1,418.6554	0.1215	0.0000	1,421.6925
2023	0.5190	3.2850	4.7678	0.0147	0.8497	0.0971	0.9468	0.2283	0.0912	0.3195	0.0000	1,342.4412	1,342.4412	0.1115	0.0000	1,345.2291
2024	4.1592	0.1313	0.2557	5.0000e-004	0.0221	6.3900e-003	0.0285	5.8700e-003	5.9700e-003	0.0118	0.0000	44.6355	44.6355	7.8300e-003	0.0000	44.8311
Maximum	**4.1592**	**4.0240**	**5.1546**	**0.0155**	**0.9509**	**0.1175**	**1.0683**	**0.2518**	**0.1103**	**0.3621**	**0.0000**	**1,418.6554**	**1,418.6554**	**0.1215**	**0.0000**	**1,421.6925**

2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.1704	1.8234	1.1577	2.3800e-003	0.4141	0.0817	0.4958	0.1788	0.0754	0.2542	0.0000	210.7651	210.7651	0.0600	0.0000	212.2658
2022	0.5865	4.0240	5.1546	0.0155	0.9509	0.1175	1.0683	0.2518	0.1103	0.3621	0.0000	1,418.6550	1,418.6550	0.1215	0.0000	1,421.6921
2023	0.5190	3.2850	4.7678	0.0147	0.8497	0.0971	0.9468	0.2283	0.0912	0.3195	0.0000	1,342.4409	1,342.4409	0.1115	0.0000	1,345.2287
2024	4.1592	0.1313	0.2557	5.0000e-004	0.0221	6.3900e-003	0.0285	5.8700e-003	5.9700e-003	0.0118	0.0000	44.6354	44.6354	7.8300e-003	0.0000	44.8311
Maximum	**4.1592**	**4.0240**	**5.1546**	**0.0155**	**0.9509**	**0.1175**	**1.0683**	**0.2518**	**0.1103**	**0.3621**	**0.0000**	**1,418.6550**	**1,418.6550**	**0.1215**	**0.0000**	**1,421.6921**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	9-1-2021	11-30-2021	1.4091	1.4091
2	12-1-2021	2-28-2022	1.3329	1.3329
3	3-1-2022	5-31-2022	1.1499	1.1499
4	6-1-2022	8-31-2022	1.1457	1.1457
5	9-1-2022	11-30-2022	1.1415	1.1415
6	12-1-2022	2-28-2023	1.0278	1.0278
7	3-1-2023	5-31-2023	0.9868	0.9868
8	6-1-2023	8-31-2023	0.9831	0.9831

9	**9-1-2023**	**11-30-2023**	0.9798	0.9798
10	**12-1-2023**	**2-29-2024**	2.8757	2.8757
11	**3-1-2024**	**5-31-2024**	1.6188	1.6188
		Highest	2.8757	2.8757

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	5.1437	0.2950	10.3804	1.6700e-003		0.0714	0.0714		0.0714	0.0714	0.0000	220.9670	220.9670	0.0201	3.7400e-003	222.5835
Energy	0.1398	1.2312	0.7770	7.6200e-003		0.0966	0.0966		0.0966	0.0966	0.0000	3,896.0732	3,896.0732	0.1303	0.0468	3,913.2833
Mobile	1.5857	7.9962	19.1834	0.0821	7.7979	0.0580	7.8559	2.0895	0.0539	2.1434	0.0000	7,620.4986	7,620.4986	0.3407	0.0000	7,629.0162
Waste						0.0000	0.0000		0.0000	0.0000	207.8079	0.0000	207.8079	12.2811	0.0000	514.8354
Water						0.0000	0.0000		0.0000	0.0000	29.1632	556.6420	585.8052	3.0183	0.0755	683.7567
Total	**6.8692**	**9.5223**	**30.3407**	**0.0914**	**7.7979**	**0.2260**	**8.0240**	**2.0895**	**0.2219**	**2.3114**	**236.9712**	**12,294.1807**	**12,531.1519**	**15.7904**	**0.1260**	**12,963.4751**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	5.1437	0.2950	10.3804	1.6700e-003		0.0714	0.0714		0.0714	0.0714	0.0000	220.9670	220.9670	0.0201	3.7400e-003	222.5835
Energy	0.1398	1.2312	0.7770	7.6200e-003		0.0966	0.0966		0.0966	0.0966	0.0000	3,896.0732	3,896.0732	0.1303	0.0468	3,913.2833
Mobile	1.5857	7.9962	19.1834	0.0821	7.7979	0.0580	7.8559	2.0895	0.0539	2.1434	0.0000	7,620.4986	7,620.4986	0.3407	0.0000	7,629.0162
Waste						0.0000	0.0000		0.0000	0.0000	207.8079	0.0000	207.8079	12.2811	0.0000	514.8354
Water						0.0000	0.0000		0.0000	0.0000	29.1632	556.6420	585.8052	3.0183	0.0755	683.7567
Total	**6.8692**	**9.5223**	**30.3407**	**0.0914**	**7.7979**	**0.2260**	**8.0240**	**2.0895**	**0.2219**	**2.3114**	**236.9712**	**12,294.1807**	**12,531.1519**	**15.7904**	**0.1260**	**12,963.4751**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/1/2021	10/12/2021	5	30	
2	Site Preparation	Site Preparation	10/13/2021	11/9/2021	5	20	
3	Grading	Grading	11/10/2021	1/11/2022	5	45	
4	Building Construction	Building Construction	1/12/2022	12/12/2023	5	500	
5	Paving	Paving	12/13/2023	1/30/2024	5	35	
6	Architectural Coating	Architectural Coating	1/31/2024	3/19/2024	5	35	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 112.5

Acres of Paving: 0

Residential Indoor: 2,025,000; Residential Outdoor: 675,000; Non-Residential Indoor: 326,400; Non-Residential Outdoor: 108,800; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	458.00	10.00	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.00	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.00	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	801.00	143.00	0.00	10.00	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.00	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	160.00	0.00	0.00	10.00	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0496	0.0000	0.0496	7.5100e-003	0.0000	7.5100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0475	0.4716	0.3235	5.8000e-004		0.0233	0.0233		0.0216	0.0216	0.0000	51.0012	51.0012	0.0144	0.0000	51.3601
Total	**0.0475**	**0.4716**	**0.3235**	**5.8000e-004**	**0.0496**	**0.0233**	**0.0729**	**7.5100e-003**	**0.0216**	**0.0291**	**0.0000**	**51.0012**	**51.0012**	**0.0144**	**0.0000**	**51.3601**

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.9300e-003	0.0634	0.0148	1.8000e-004	3.9400e-003	1.9000e-004	4.1300e-003	1.0800e-003	1.8000e-004	1.2600e-003	0.0000	17.4566	17.4566	1.2100e-003	0.0000	17.4869
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.2000e-004	5.3000e-004	6.0900e-003	2.0000e-005	1.6800e-003	1.0000e-005	1.6900e-003	4.5000e-004	1.0000e-005	4.6000e-004	0.0000	1.5281	1.5281	5.0000e-005	0.0000	1.5293
Total	**2.6500e-003**	**0.0639**	**0.0209**	**2.0000e-004**	**5.6200e-003**	**2.0000e-004**	**5.8200e-003**	**1.5300e-003**	**1.9000e-004**	**1.7200e-003**	**0.0000**	**18.9847**	**18.9847**	**1.2600e-003**	**0.0000**	**19.0161**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0496	0.0000	0.0496	7.5100e-003	0.0000	7.5100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0475	0.4716	0.3235	5.8000e-004		0.0233	0.0233		0.0216	0.0216	0.0000	51.0011	51.0011	0.0144	0.0000	51.3600
Total	**0.0475**	**0.4716**	**0.3235**	**5.8000e-004**	**0.0496**	**0.0233**	**0.0729**	**7.5100e-003**	**0.0216**	**0.0291**	**0.0000**	**51.0011**	**51.0011**	**0.0144**	**0.0000**	**51.3600**

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.9300e-003	0.0634	0.0148	1.8000e-004	3.9400e-003	1.9000e-004	4.1300e-003	1.0800e-003	1.8000e-004	1.2600e-003	0.0000	17.4566	17.4566	1.2100e-003	0.0000	17.4869
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.2000e-004	5.3000e-004	6.0900e-003	2.0000e-005	1.6800e-003	1.0000e-005	1.6900e-003	4.5000e-004	1.0000e-005	4.6000e-004	0.0000	1.5281	1.5281	5.0000e-005	0.0000	1.5293
Total	**2.6500e-003**	**0.0639**	**0.0209**	**2.0000e-004**	**5.6200e-003**	**2.0000e-004**	**5.8200e-003**	**1.5300e-003**	**1.9000e-004**	**1.7200e-003**	**0.0000**	**18.9847**	**18.9847**	**1.2600e-003**	**0.0000**	**19.0161**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1807	0.0000	0.1807	0.0993	0.0000	0.0993	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0389	0.4050	0.2115	3.8000e-004		0.0204	0.0204		0.0188	0.0188	0.0000	33.4357	33.4357	0.0108	0.0000	33.7061
Total	**0.0389**	**0.4050**	**0.2115**	**3.8000e-004**	**0.1807**	**0.0204**	**0.2011**	**0.0993**	**0.0188**	**0.1181**	**0.0000**	**33.4357**	**33.4357**	**0.0108**	**0.0000**	**33.7061**

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.8000e-004	4.3000e-004	4.8700e-003	1.0000e-005	1.3400e-003	1.0000e-005	1.3500e-003	3.6000e-004	1.0000e-005	3.7000e-004	0.0000	1.2225	1.2225	4.0000e-005	0.0000	1.2234
Total	**5.8000e-004**	**4.3000e-004**	**4.8700e-003**	**1.0000e-005**	**1.3400e-003**	**1.0000e-005**	**1.3500e-003**	**3.6000e-004**	**1.0000e-005**	**3.7000e-004**	**0.0000**	**1.2225**	**1.2225**	**4.0000e-005**	**0.0000**	**1.2234**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1807	0.0000	0.1807	0.0993	0.0000	0.0993	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0389	0.4050	0.2115	3.8000e-004		0.0204	0.0204		0.0188	0.0188	0.0000	33.4357	33.4357	0.0108	0.0000	33.7060
Total	**0.0389**	**0.4050**	**0.2115**	**3.8000e-004**	**0.1807**	**0.0204**	**0.2011**	**0.0993**	**0.0188**	**0.1181**	**0.0000**	**33.4357**	**33.4357**	**0.0108**	**0.0000**	**33.7060**

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.8000e-004	4.3000e-004	4.8700e-003	1.0000e-005	1.3400e-003	1.0000e-005	1.3500e-003	3.6000e-004	1.0000e-005	3.7000e-004	0.0000	1.2225	1.2225	4.0000e-005	0.0000	1.2234
Total	**5.8000e-004**	**4.3000e-004**	**4.8700e-003**	**1.0000e-005**	**1.3400e-003**	**1.0000e-005**	**1.3500e-003**	**3.6000e-004**	**1.0000e-005**	**3.7000e-004**	**0.0000**	**1.2225**	**1.2225**	**4.0000e-005**	**0.0000**	**1.2234**

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1741	0.0000	0.1741	0.0693	0.0000	0.0693	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0796	0.8816	0.5867	1.1800e-003		0.0377	0.0377		0.0347	0.0347	0.0000	103.5405	103.5405	0.0335	0.0000	104.3776
Total	**0.0796**	**0.8816**	**0.5867**	**1.1800e-003**	**0.1741**	**0.0377**	**0.2118**	**0.0693**	**0.0347**	**0.1040**	**0.0000**	**103.5405**	**103.5405**	**0.0335**	**0.0000**	**104.3776**

3.4 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2200e-003	9.0000e-004	0.0103	3.0000e-005	2.8300e-003	2.0000e-005	2.8600e-003	7.5000e-004	2.0000e-005	7.8000e-004	0.0000	2.5808	2.5808	8.0000e-005	0.0000	2.5828
Total	**1.2200e-003**	**9.0000e-004**	**0.0103**	**3.0000e-005**	**2.8300e-003**	**2.0000e-005**	**2.8600e-003**	**7.5000e-004**	**2.0000e-005**	**7.8000e-004**	**0.0000**	**2.5808**	**2.5808**	**8.0000e-005**	**0.0000**	**2.5828**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1741	0.0000	0.1741	0.0693	0.0000	0.0693	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0796	0.8816	0.5867	1.1800e-003		0.0377	0.0377		0.0347	0.0347	0.0000	103.5403	103.5403	0.0335	0.0000	104.3775
Total	**0.0796**	**0.8816**	**0.5867**	**1.1800e-003**	**0.1741**	**0.0377**	**0.2118**	**0.0693**	**0.0347**	**0.1040**	**0.0000**	**103.5403**	**103.5403**	**0.0335**	**0.0000**	**104.3775**

3.4 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2200e-003	9.0000e-004	0.0103	3.0000e-005	2.8300e-003	2.0000e-005	2.8600e-003	7.5000e-004	2.0000e-005	7.8000e-004	0.0000	2.5808	2.5808	8.0000e-005	0.0000	2.5828
Total	**1.2200e-003**	**9.0000e-004**	**0.0103**	**3.0000e-005**	**2.8300e-003**	**2.0000e-005**	**2.8600e-003**	**7.5000e-004**	**2.0000e-005**	**7.8000e-004**	**0.0000**	**2.5808**	**2.5808**	**8.0000e-005**	**0.0000**	**2.5828**

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0807	0.0000	0.0807	0.0180	0.0000	0.0180	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0127	0.1360	0.1017	2.2000e-004		5.7200e-003	5.7200e-003		5.2600e-003	5.2600e-003	0.0000	19.0871	19.0871	6.1700e-003	0.0000	19.2414
Total	**0.0127**	**0.1360**	**0.1017**	**2.2000e-004**	**0.0807**	**5.7200e-003**	**0.0865**	**0.0180**	**5.2600e-003**	**0.0233**	**0.0000**	**19.0871**	**19.0871**	**6.1700e-003**	**0.0000**	**19.2414**

3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1000e-004	1.5000e-004	1.7400e-003	1.0000e-005	5.2000e-004	0.0000	5.3000e-004	1.4000e-004	0.0000	1.4000e-004	0.0000	0.4587	0.4587	1.0000e-005	0.0000	0.4590
Total	**2.1000e-004**	**1.5000e-004**	**1.7400e-003**	**1.0000e-005**	**5.2000e-004**	**0.0000**	**5.3000e-004**	**1.4000e-004**	**0.0000**	**1.4000e-004**	**0.0000**	**0.4587**	**0.4587**	**1.0000e-005**	**0.0000**	**0.4590**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0807	0.0000	0.0807	0.0180	0.0000	0.0180	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0127	0.1360	0.1017	2.2000e-004		5.7200e-003	5.7200e-003		5.2600e-003	5.2600e-003	0.0000	19.0871	19.0871	6.1700e-003	0.0000	19.2414
Total	**0.0127**	**0.1360**	**0.1017**	**2.2000e-004**	**0.0807**	**5.7200e-003**	**0.0865**	**0.0180**	**5.2600e-003**	**0.0233**	**0.0000**	**19.0871**	**19.0871**	**6.1700e-003**	**0.0000**	**19.2414**

3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1000e-004	1.5000e-004	1.7400e-003	1.0000e-005	5.2000e-004	0.0000	5.3000e-004	1.4000e-004	0.0000	1.4000e-004	0.0000	0.4587	0.4587	1.0000e-005	0.0000	0.4590
Total	**2.1000e-004**	**1.5000e-004**	**1.7400e-003**	**1.0000e-005**	**5.2000e-004**	**0.0000**	**5.3000e-004**	**1.4000e-004**	**0.0000**	**1.4000e-004**	**0.0000**	**0.4587**	**0.4587**	**1.0000e-005**	**0.0000**	**0.4590**

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2158	1.9754	2.0700	3.4100e-003		0.1023	0.1023		0.0963	0.0963	0.0000	293.1324	293.1324	0.0702	0.0000	294.8881
Total	**0.2158**	**1.9754**	**2.0700**	**3.4100e-003**		**0.1023**	**0.1023**		**0.0963**	**0.0963**	**0.0000**	**293.1324**	**293.1324**	**0.0702**	**0.0000**	**294.8881**

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0527	1.6961	0.4580	4.5500e-003	0.1140	3.1800e-003	0.1171	0.0329	3.0400e-003	0.0359	0.0000	441.9835	441.9835	0.0264	0.0000	442.6435
Worker	0.3051	0.2164	2.5233	7.3500e-003	0.7557	6.2300e-003	0.7619	0.2007	5.7400e-003	0.2065	0.0000	663.9936	663.9936	0.0187	0.0000	664.4604
Total	**0.3578**	**1.9125**	**2.9812**	**0.0119**	**0.8696**	**9.4100e-003**	**0.8790**	**0.2336**	**8.7800e-003**	**0.2424**	**0.0000**	**1,105.9771**	**1,105.9771**	**0.0451**	**0.0000**	**1,107.1039**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2158	1.9754	2.0700	3.4100e-003		0.1023	0.1023		0.0963	0.0963	0.0000	293.1321	293.1321	0.0702	0.0000	294.8877
Total	**0.2158**	**1.9754**	**2.0700**	**3.4100e-003**		**0.1023**	**0.1023**		**0.0963**	**0.0963**	**0.0000**	**293.1321**	**293.1321**	**0.0702**	**0.0000**	**294.8877**

3.5 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0527	1.6961	0.4580	4.5500e-003	0.1140	3.1800e-003	0.1171	0.0329	3.0400e-003	0.0359	0.0000	441.9835	441.9835	0.0264	0.0000	442.6435
Worker	0.3051	0.2164	2.5233	7.3500e-003	0.7557	6.2300e-003	0.7619	0.2007	5.7400e-003	0.2065	0.0000	663.9936	663.9936	0.0187	0.0000	664.4604
Total	**0.3578**	**1.9125**	**2.9812**	**0.0119**	**0.8696**	**9.4100e-003**	**0.8790**	**0.2336**	**8.7800e-003**	**0.2424**	**0.0000**	**1,105.9771**	**1,105.9771**	**0.0451**	**0.0000**	**1,107.1039**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1942	1.7765	2.0061	3.3300e-003		0.0864	0.0864		0.0813	0.0813	0.0000	286.2789	286.2789	0.0681	0.0000	287.9814
Total	**0.1942**	**1.7765**	**2.0061**	**3.3300e-003**		**0.0864**	**0.0864**		**0.0813**	**0.0813**	**0.0000**	**286.2789**	**286.2789**	**0.0681**	**0.0000**	**287.9814**

3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0382	1.2511	0.4011	4.3000e-003	0.1113	1.4600e-003	0.1127	0.0321	1.4000e-003	0.0335	0.0000	417.9930	417.9930	0.0228	0.0000	418.5624
Worker	0.2795	0.1910	2.2635	6.9100e-003	0.7377	5.9100e-003	0.7436	0.1960	5.4500e-003	0.2014	0.0000	624.5363	624.5363	0.0164	0.0000	624.9466
Total	**0.3177**	**1.4420**	**2.6646**	**0.0112**	**0.8490**	**7.3700e-003**	**0.8564**	**0.2281**	**6.8500e-003**	**0.2349**	**0.0000**	**1,042.5294**	**1,042.5294**	**0.0392**	**0.0000**	**1,043.5090**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1942	1.7765	2.0061	3.3300e-003		0.0864	0.0864		0.0813	0.0813	0.0000	286.2785	286.2785	0.0681	0.0000	287.9811
Total	**0.1942**	**1.7765**	**2.0061**	**3.3300e-003**		**0.0864**	**0.0864**		**0.0813**	**0.0813**	**0.0000**	**286.2785**	**286.2785**	**0.0681**	**0.0000**	**287.9811**

3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0382	1.2511	0.4011	4.3000e-003	0.1113	1.4600e-003	0.1127	0.0321	1.4000e-003	0.0335	0.0000	417.9930	417.9930	0.0228	0.0000	418.5624
Worker	0.2795	0.1910	2.2635	6.9100e-003	0.7377	5.9100e-003	0.7436	0.1960	5.4500e-003	0.2014	0.0000	624.5363	624.5363	0.0164	0.0000	624.9466
Total	**0.3177**	**1.4420**	**2.6646**	**0.0112**	**0.8490**	**7.3700e-003**	**0.8564**	**0.2281**	**6.8500e-003**	**0.2349**	**0.0000**	**1,042.5294**	**1,042.5294**	**0.0392**	**0.0000**	**1,043.5090**

3.6 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.7100e-003	0.0663	0.0948	1.5000e-004		3.3200e-003	3.3200e-003		3.0500e-003	3.0500e-003	0.0000	13.0175	13.0175	4.2100e-003	0.0000	13.1227
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.7100e-003**	**0.0663**	**0.0948**	**1.5000e-004**		**3.3200e-003**	**3.3200e-003**		**3.0500e-003**	**3.0500e-003**	**0.0000**	**13.0175**	**13.0175**	**4.2100e-003**	**0.0000**	**13.1227**

3.6 Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-004	1.9000e-004	2.2300e-003	1.0000e-005	7.3000e-004	1.0000e-005	7.3000e-004	1.9000e-004	1.0000e-005	2.0000e-004	0.0000	0.6156	0.6156	2.0000e-005	0.0000	0.6160
Total	**2.8000e-004**	**1.9000e-004**	**2.2300e-003**	**1.0000e-005**	**7.3000e-004**	**1.0000e-005**	**7.3000e-004**	**1.9000e-004**	**1.0000e-005**	**2.0000e-004**	**0.0000**	**0.6156**	**0.6156**	**2.0000e-005**	**0.0000**	**0.6160**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.7100e-003	0.0663	0.0948	1.5000e-004		3.3200e-003	3.3200e-003		3.0500e-003	3.0500e-003	0.0000	13.0175	13.0175	4.2100e-003	0.0000	13.1227
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.7100e-003**	**0.0663**	**0.0948**	**1.5000e-004**		**3.3200e-003**	**3.3200e-003**		**3.0500e-003**	**3.0500e-003**	**0.0000**	**13.0175**	**13.0175**	**4.2100e-003**	**0.0000**	**13.1227**

3.6 Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-004	1.9000e-004	2.2300e-003	1.0000e-005	7.3000e-004	1.0000e-005	7.3000e-004	1.9000e-004	1.0000e-005	2.0000e-004	0.0000	0.6156	0.6156	2.0000e-005	0.0000	0.6160
Total	**2.8000e-004**	**1.9000e-004**	**2.2300e-003**	**1.0000e-005**	**7.3000e-004**	**1.0000e-005**	**7.3000e-004**	**1.9000e-004**	**1.0000e-005**	**2.0000e-004**	**0.0000**	**0.6156**	**0.6156**	**2.0000e-005**	**0.0000**	**0.6160**

3.6 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0109	0.1048	0.1609	2.5000e-004		5.1500e-003	5.1500e-003		4.7400e-003	4.7400e-003	0.0000	22.0292	22.0292	7.1200e-003	0.0000	22.2073
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0109**	**0.1048**	**0.1609**	**2.5000e-004**		**5.1500e-003**	**5.1500e-003**		**4.7400e-003**	**4.7400e-003**	**0.0000**	**22.0292**	**22.0292**	**7.1200e-003**	**0.0000**	**22.2073**

3.6 Paving - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4000e-004	2.9000e-004	3.5100e-003	1.0000e-005	1.2300e-003	1.0000e-005	1.2400e-003	3.3000e-004	1.0000e-005	3.4000e-004	0.0000	1.0094	1.0094	3.0000e-005	0.0000	1.0100
Total	**4.4000e-004**	**2.9000e-004**	**3.5100e-003**	**1.0000e-005**	**1.2300e-003**	**1.0000e-005**	**1.2400e-003**	**3.3000e-004**	**1.0000e-005**	**3.4000e-004**	**0.0000**	**1.0094**	**1.0094**	**3.0000e-005**	**0.0000**	**1.0100**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0109	0.1048	0.1609	2.5000e-004		5.1500e-003	5.1500e-003		4.7400e-003	4.7400e-003	0.0000	22.0292	22.0292	7.1200e-003	0.0000	22.2073
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0109**	**0.1048**	**0.1609**	**2.5000e-004**		**5.1500e-003**	**5.1500e-003**		**4.7400e-003**	**4.7400e-003**	**0.0000**	**22.0292**	**22.0292**	**7.1200e-003**	**0.0000**	**22.2073**

3.6 Paving - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4000e-004	2.9000e-004	3.5100e-003	1.0000e-005	1.2300e-003	1.0000e-005	1.2400e-003	3.3000e-004	1.0000e-005	3.4000e-004	0.0000	1.0094	1.0094	3.0000e-005	0.0000	1.0100
Total	**4.4000e-004**	**2.9000e-004**	**3.5100e-003**	**1.0000e-005**	**1.2300e-003**	**1.0000e-005**	**1.2400e-003**	**3.3000e-004**	**1.0000e-005**	**3.4000e-004**	**0.0000**	**1.0094**	**1.0094**	**3.0000e-005**	**0.0000**	**1.0100**

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.1372					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1600e-003	0.0213	0.0317	5.0000e-005		1.0700e-003	1.0700e-003		1.0700e-003	1.0700e-003	0.0000	4.4682	4.4682	2.5000e-004	0.0000	4.4745
Total	**4.1404**	**0.0213**	**0.0317**	**5.0000e-005**		**1.0700e-003**	**1.0700e-003**		**1.0700e-003**	**1.0700e-003**	**0.0000**	**4.4682**	**4.4682**	**2.5000e-004**	**0.0000**	**4.4745**

3.7 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.4800e-003	4.9300e-003	0.0596	1.9000e-004	0.0209	1.6000e-004	0.0211	5.5500e-003	1.5000e-004	5.7000e-003	0.0000	17.1287	17.1287	4.3000e-004	0.0000	17.1394
Total	**7.4800e-003**	**4.9300e-003**	**0.0596**	**1.9000e-004**	**0.0209**	**1.6000e-004**	**0.0211**	**5.5500e-003**	**1.5000e-004**	**5.7000e-003**	**0.0000**	**17.1287**	**17.1287**	**4.3000e-004**	**0.0000**	**17.1394**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.1372					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1600e-003	0.0213	0.0317	5.0000e-005		1.0700e-003	1.0700e-003		1.0700e-003	1.0700e-003	0.0000	4.4682	4.4682	2.5000e-004	0.0000	4.4745
Total	**4.1404**	**0.0213**	**0.0317**	**5.0000e-005**		**1.0700e-003**	**1.0700e-003**		**1.0700e-003**	**1.0700e-003**	**0.0000**	**4.4682**	**4.4682**	**2.5000e-004**	**0.0000**	**4.4745**

3.7 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.4800e-003	4.9300e-003	0.0596	1.9000e-004	0.0209	1.6000e-004	0.0211	5.5500e-003	1.5000e-004	5.7000e-003	0.0000	17.1287	17.1287	4.3000e-004	0.0000	17.1394
Total	**7.4800e-003**	**4.9300e-003**	**0.0596**	**1.9000e-004**	**0.0209**	**1.6000e-004**	**0.0211**	**5.5500e-003**	**1.5000e-004**	**5.7000e-003**	**0.0000**	**17.1287**	**17.1287**	**4.3000e-004**	**0.0000**	**17.1394**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.5857	7.9962	19.1834	0.0821	7.7979	0.0580	7.8559	2.0895	0.0539	2.1434	0.0000	7,620.4986	7,620.4986	0.3407	0.0000	7,629.0162
Unmitigated	1.5857	7.9962	19.1834	0.0821	7.7979	0.0580	7.8559	2.0895	0.0539	2.1434	0.0000	7,620.4986	7,620.4986	0.3407	0.0000	7,629.0162

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	145.75	154.25	154.00	506,227	506,227
Apartments Mid Rise	4,026.75	3,773.25	4075.50	13,660,065	13,660,065
General Office Building	288.45	62.55	31.05	706,812	706,812
High Turnover (Sit Down Restaurant)	2,368.80	2,873.52	2817.72	3,413,937	3,413,937
Hotel	192.00	187.50	160.00	445,703	445,703
Quality Restaurant	501.12	511.92	461.20	707,488	707,488
Regional Shopping Center	528.08	601.44	357.84	1,112,221	1,112,221
Total	8,050.95	8,164.43	8,057.31	20,552,452	20,552,452

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Apartments Mid Rise	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
General Office Building	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
High Turnover (Sit Down Restaurant)	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Hotel	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Quality Restaurant	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Regional Shopping Center	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	2,512.6465	2,512.6465	0.1037	0.0215	2,521.6356
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	2,512.6465	2,512.6465	0.1037	0.0215	2,521.6356
NaturalGas Mitigated	0.1398	1.2312	0.7770	7.6200e-003		0.0966	0.0966		0.0966	0.0966	0.0000	1,383.4267	1,383.4267	0.0265	0.0254	1,391.6478
NaturalGas Unmitigated	0.1398	1.2312	0.7770	7.6200e-003		0.0966	0.0966		0.0966	0.0966	0.0000	1,383.4267	1,383.4267	0.0265	0.0254	1,391.6478

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	408494	2.2000e-003	0.0188	8.0100e-003	1.2000e-004		1.5200e-003	1.5200e-003		1.5200e-003	1.5200e-003	0.0000	21.7988	21.7988	4.2000e-004	4.0000e-004	21.9284
Apartments Mid Rise	1.30613e+007	0.0704	0.6018	0.2561	3.8400e-003		0.0487	0.0487		0.0487	0.0487	0.0000	696.9989	696.9989	0.0134	0.0128	701.1408
General Office Building	468450	2.5300e-003	0.0230	0.0193	1.4000e-004		1.7500e-003	1.7500e-003		1.7500e-003	1.7500e-003	0.0000	24.9983	24.9983	4.8000e-004	4.6000e-004	25.1468
High Turnover (Sit Down Restaurant)	8.30736e+006	0.0448	0.4072	0.3421	2.4400e-003		0.0310	0.0310		0.0310	0.0310	0.0000	443.3124	443.3124	8.5000e-003	8.1300e-003	445.9468
Hotel	1.74095e+006	9.3900e-003	0.0853	0.0717	5.1000e-004		6.4900e-003	6.4900e-003		6.4900e-003	6.4900e-003	0.0000	92.9036	92.9036	1.7800e-003	1.7000e-003	93.4557
Quality Restaurant	1.84608e+006	9.9500e-003	0.0905	0.0760	5.4000e-004		6.8800e-003	6.8800e-003		6.8800e-003	6.8800e-003	0.0000	98.5139	98.5139	1.8900e-003	1.8100e-003	99.0993
Regional Shopping Center	91840	5.0000e-004	4.5000e-003	3.7800e-003	3.0000e-005		3.4000e-004	3.4000e-004		3.4000e-004	3.4000e-004	0.0000	4.9009	4.9009	9.0000e-005	9.0000e-005	4.9301
Total		**0.1398**	**1.2312**	**0.7770**	**7.6200e-003**		**0.0966**	**0.0966**		**0.0966**	**0.0966**	**0.0000**	**1,383.4268**	**1,383.4268**	**0.0265**	**0.0254**	**1,391.6478**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	408494	2.2000e-003	0.0188	8.0100e-003	1.2000e-004		1.5200e-003	1.5200e-003		1.5200e-003	1.5200e-003	0.0000	21.7988	21.7988	4.2000e-004	4.0000e-004	21.9284
Apartments Mid Rise	1.30613e+007	0.0704	0.6018	0.2561	3.8400e-003		0.0487	0.0487		0.0487	0.0487	0.0000	696.9989	696.9989	0.0134	0.0128	701.1408
General Office Building	468450	2.5300e-003	0.0230	0.0193	1.4000e-004		1.7500e-003	1.7500e-003		1.7500e-003	1.7500e-003	0.0000	24.9983	24.9983	4.8000e-004	4.6000e-004	25.1468
High Turnover (Sit Down Restaurant)	8.30736e+006	0.0448	0.4072	0.3421	2.4400e-003		0.0310	0.0310		0.0310	0.0310	0.0000	443.3124	443.3124	8.5000e-003	8.1300e-003	445.9468
Hotel	1.74095e+006	9.3900e-003	0.0853	0.0717	5.1000e-004		6.4900e-003	6.4900e-003		6.4900e-003	6.4900e-003	0.0000	92.9036	92.9036	1.7800e-003	1.7000e-003	93.4557
Quality Restaurant	1.84608e+006	9.9500e-003	0.0905	0.0760	5.4000e-004		6.8800e-003	6.8800e-003		6.8800e-003	6.8800e-003	0.0000	98.5139	98.5139	1.8900e-003	1.8100e-003	99.0993
Regional Shopping Center	91840	5.0000e-004	4.5000e-003	3.7800e-003	3.0000e-005		3.4000e-004	3.4000e-004		3.4000e-004	3.4000e-004	0.0000	4.9009	4.9009	9.0000e-005	9.0000e-005	4.9301
Total		**0.1398**	**1.2312**	**0.7770**	**7.6200e-003**		**0.0966**	**0.0966**		**0.0966**	**0.0966**	**0.0000**	**1,383.4268**	**1,383.4268**	**0.0265**	**0.0254**	**1,391.6478**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	106010	33.7770	1.3900e-003	2.9000e-004	33.8978
Apartments Mid Rise	3.94697e+006	1,257.5879	0.0519	0.0107	1,262.0869
General Office Building	584550	186.2502	7.6900e-003	1.5900e-003	186.9165
High Turnover (Sit Down Restaurant)	1.58904e+006	506.3022	0.0209	4.3200e-003	508.1135
Hotel	550308	175.3399	7.2400e-003	1.5000e-003	175.9672
Quality Restaurant	353120	112.5116	4.6500e-003	9.6000e-004	112.9141
Regional Shopping Center	756000	240.8778	9.9400e-003	2.0600e-003	241.7395
Total		**2,512.6465**	**0.1037**	**0.0215**	**2,521.6356**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	106010	33.7770	1.3900e-003	2.9000e-004	33.8978
Apartments Mid Rise	3.94697e+006	1,257.5879	0.0519	0.0107	1,262.0869
General Office Building	584550	186.2502	7.6900e-003	1.5900e-003	186.9165
High Turnover (Sit Down Restaurant)	1.58904e+006	506.3022	0.0209	4.3200e-003	508.1135
Hotel	550308	175.3399	7.2400e-003	1.5000e-003	175.9672
Quality Restaurant	353120	112.5116	4.6500e-003	9.6000e-004	112.9141
Regional Shopping Center	756000	240.8778	9.9400e-003	2.0600e-003	241.7395
Total		**2,512.6465**	**0.1037**	**0.0215**	**2,521.6356**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	5.1437	0.2950	10.3804	1.6700e-003		0.0714	0.0714		0.0714	0.0714	0.0000	220.9670	220.9670	0.0201	3.7400e-003	222.5835
Unmitigated	5.1437	0.2950	10.3804	1.6700e-003		0.0714	0.0714		0.0714	0.0714	0.0000	220.9670	220.9670	0.0201	3.7400e-003	222.5835

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.4137					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.3998					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0206	0.1763	0.0750	1.1200e-003		0.0143	0.0143		0.0143	0.0143	0.0000	204.1166	204.1166	3.9100e-003	3.7400e-003	205.3295
Landscaping	0.3096	0.1187	10.3054	5.4000e-004		0.0572	0.0572		0.0572	0.0572	0.0000	16.8504	16.8504	0.0161	0.0000	17.2540
Total	**5.1437**	**0.2950**	**10.3804**	**1.6600e-003**		**0.0714**	**0.0714**		**0.0714**	**0.0714**	**0.0000**	**220.9670**	**220.9670**	**0.0201**	**3.7400e-003**	**222.5835**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.4137					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.3998					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0206	0.1763	0.0750	1.1200e-003		0.0143	0.0143		0.0143	0.0143	0.0000	204.1166	204.1166	3.9100e-003	3.7400e-003	205.3295
Landscaping	0.3096	0.1187	10.3054	5.4000e-004		0.0572	0.0572		0.0572	0.0572	0.0000	16.8504	16.8504	0.0161	0.0000	17.2540
Total	**5.1437**	**0.2950**	**10.3804**	**1.6600e-003**		**0.0714**	**0.0714**		**0.0714**	**0.0714**	**0.0000**	**220.9670**	**220.9670**	**0.0201**	**3.7400e-003**	**222.5835**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	585.8052	3.0183	0.0755	683.7567
Unmitigated	585.8052	3.0183	0.0755	683.7567

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	1.62885 / 1.02688	10.9095	0.0535	1.3400e-003	12.6471
Apartments Mid Rise	63.5252 / 40.0485	425.4719	2.0867	0.0523	493.2363
General Office Building	7.99802 / 4.90201	53.0719	0.2627	6.5900e-003	61.6019
High Turnover (Sit Down Restaurant)	10.9272 / 0.697482	51.2702	0.3580	8.8200e-003	62.8482
Hotel	1.26834 / 0.140927	6.1633	0.0416	1.0300e-003	7.5079
Quality Restaurant	2.42827 / 0.154996	11.3934	0.0796	1.9600e-003	13.9663
Regional Shopping Center	4.14806 / 2.54236	27.5250	0.1363	3.4200e-003	31.9490
Total		**585.8052**	**3.0183**	**0.0755**	**683.7567**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	1.62885 / 1.02688	10.9095	0.0535	1.3400e-003	12.6471
Apartments Mid Rise	63.5252 / 40.0485	425.4719	2.0867	0.0523	493.2363
General Office Building	7.99802 / 4.90201	53.0719	0.2627	6.5900e-003	61.6019
High Turnover (Sit Down Restaurant)	10.9272 / 0.697482	51.2702	0.3580	8.8200e-003	62.8482
Hotel	1.26834 / 0.140927	6.1633	0.0416	1.0300e-003	7.5079
Quality Restaurant	2.42827 / 0.154996	11.3934	0.0796	1.9600e-003	13.9663
Regional Shopping Center	4.14806 / 2.54236	27.5250	0.1363	3.4200e-003	31.9490
Total		**585.8052**	**3.0183**	**0.0755**	**683.7567**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	207.8079	12.2811	0.0000	514.8354
Unmitigated	207.8079	12.2811	0.0000	514.8354

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	11.5	2.3344	0.1380	0.0000	5.7834
Apartments Mid Rise	448.5	91.0415	5.3804	0.0000	225.5513
General Office Building	41.85	8.4952	0.5021	0.0000	21.0464
High Turnover (Sit Down Restaurant)	428.4	86.9613	5.1393	0.0000	215.4430
Hotel	27.38	5.5579	0.3285	0.0000	13.7694
Quality Restaurant	7.3	1.4818	0.0876	0.0000	3.6712
Regional Shopping Center	58.8	11.9359	0.7054	0.0000	29.5706
Total		**207.8079**	**12.2811**	**0.0000**	**514.8354**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	11.5	2.3344	0.1380	0.0000	5.7834
Apartments Mid Rise	448.5	91.0415	5.3804	0.0000	225.5513
General Office Building	41.85	8.4952	0.5021	0.0000	21.0464
High Turnover (Sit Down Restaurant)	428.4	86.9613	5.1393	0.0000	215.4430
Hotel	27.38	5.5579	0.3285	0.0000	13.7694
Quality Restaurant	7.3	1.4818	0.0876	0.0000	3.6712
Regional Shopping Center	58.8	11.9359	0.7054	0.0000	29.5706
Total		**207.8079**	**12.2811**	**0.0000**	**514.8354**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Village South Specific Plan (Proposed)

Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	45.00	1000sqft	1.03	45,000.00	0
High Turnover (Sit Down Restaurant)	36.00	1000sqft	0.83	36,000.00	0
Hotel	50.00	Room	1.67	72,600.00	0
Quality Restaurant	8.00	1000sqft	0.18	8,000.00	0
Apartments Low Rise	25.00	Dwelling Unit	1.56	25,000.00	72
Apartments Mid Rise	975.00	Dwelling Unit	25.66	975,000.00	2789
Regional Shopping Center	56.00	1000sqft	1.29	56,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	9			**Operational Year**	2028
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

Project Characteristics - Consistent with the DEIR's model.

Land Use - See SWAPE comment regarding residential and retail land uses.

Construction Phase - See SWAPE comment regarding individual construction phase lengths.

Demolition - Consistent with the DEIR's model. See SWAPE comment regarding demolition.

Vehicle Trips - Saturday trips consistent with the DEIR's model. See SWAPE comment regarding weekday and Sunday trips.

Woodstoves - Woodstoves and wood-burning fireplaces consistent with the DEIR's model. See SWAPE comment regarding gas fireplaces.

Energy Use -

Construction Off-road Equipment Mitigation - See SWAPE comment on construction-related mitigation.

Area Mitigation - See SWAPE comment regarding operational mitigation measures.

Water Mitigation - See SWAPE comment regarding operational mitigation measures.

Trips and VMT - Local hire provision

Table Name	Column Name	Default Value	New Value
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberWood	1.25	0.00
tblFireplaces	NumberWood	48.75	0.00
tblTripsAndVMT	WorkerTripLength	14.70	10.00
tblTripsAndVMT	WorkerTripLength	14.70	10.00
tblTripsAndVMT	WorkerTripLength	14.70	10.00
tblTripsAndVMT	WorkerTripLength	14.70	10.00
tblTripsAndVMT	WorkerTripLength	14.70	10.00
tblTripsAndVMT	WorkerTripLength	14.70	10.00
tblVehicleTrips	ST_TR	7.16	6.17
tblVehicleTrips	ST_TR	6.39	3.87
tblVehicleTrips	ST_TR	2.46	1.39
tblVehicleTrips	ST_TR	158.37	79.82

tblVehicleTrips	ST_TR	8.19	3.75
tblVehicleTrips	ST_TR	94.36	63.99
tblVehicleTrips	ST_TR	49.97	10.74
tblVehicleTrips	SU_TR	6.07	6.16
tblVehicleTrips	SU_TR	5.86	4.18
tblVehicleTrips	SU_TR	1.05	0.69
tblVehicleTrips	SU_TR	131.84	78.27
tblVehicleTrips	SU_TR	5.95	3.20
tblVehicleTrips	SU_TR	72.16	57.65
tblVehicleTrips	SU_TR	25.24	6.39
tblVehicleTrips	WD_TR	6.59	5.83
tblVehicleTrips	WD_TR	6.65	4.13
tblVehicleTrips	WD_TR	11.03	6.41
tblVehicleTrips	WD_TR	127.15	65.80
tblVehicleTrips	WD_TR	8.17	3.84
tblVehicleTrips	WD_TR	89.95	62.64
tblVehicleTrips	WD_TR	42.70	9.43
tblWoodstoves	NumberCatalytic	1.25	0.00
tblWoodstoves	NumberCatalytic	48.75	0.00
tblWoodstoves	NumberNoncatalytic	1.25	0.00
tblWoodstoves	NumberNoncatalytic	48.75	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	4.2561	46.4415	31.4494	0.0636	18.2032	2.0456	20.2488	9.9670	1.8820	11.8490	0.0000	6,163.4166	6,163.4166	1.9475	0.0000	6,212.1039
2022	4.5441	38.8811	40.8776	0.1240	8.8255	1.6361	10.4616	3.6369	1.5052	5.1421	0.0000	12,493.4403	12,493.4403	1.9485	0.0000	12,518.5707
2023	4.1534	25.7658	38.7457	0.1206	7.0088	0.7592	7.7679	1.8799	0.7136	2.5935	0.0000	12,150.4890	12,150.4890	0.9589	0.0000	12,174.4615
2024	237.0219	9.5478	14.9642	0.0239	1.2171	0.4694	1.2875	0.3229	0.4319	0.4621	0.0000	2,313.1808	2,313.1808	0.7166	0.0000	2,331.0956
Maximum	**237.0219**	**46.4415**	**40.8776**	**0.1240**	**18.2032**	**2.0456**	**20.2488**	**9.9670**	**1.8820**	**11.8490**	**0.0000**	**12,493.4403**	**12,493.4403**	**1.9485**	**0.0000**	**12,518.5707**

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	4.2561	46.4415	31.4494	0.0636	18.2032	2.0456	20.2488	9.9670	1.8820	11.8490	0.0000	6,163.4166	6,163.4166	1.9475	0.0000	6,212.1039
2022	4.5441	38.8811	40.8776	0.1240	8.8255	1.6361	10.4616	3.6369	1.5052	5.1421	0.0000	12,493.4403	12,493.4403	1.9485	0.0000	12,518.5707
2023	4.1534	25.7658	38.7457	0.1206	7.0088	0.7592	7.7679	1.8799	0.7136	2.5935	0.0000	12,150.4890	12,150.4890	0.9589	0.0000	12,174.4615
2024	237.0219	9.5478	14.9642	0.0239	1.2171	0.4694	1.2875	0.3229	0.4319	0.4621	0.0000	2,313.1808	2,313.1808	0.7166	0.0000	2,331.0955
Maximum	**237.0219**	**46.4415**	**40.8776**	**0.1240**	**18.2032**	**2.0456**	**20.2488**	**9.9670**	**1.8820**	**11.8490**	**0.0000**	**12,493.4403**	**12,493.4403**	**1.9485**	**0.0000**	**12,518.5707**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	30.5020	15.0496	88.4430	0.0944		1.5974	1.5974		1.5974	1.5974	0.0000	18,148.5950	18,148.5950	0.4874	0.3300	18,259.1192
Energy	0.7660	6.7462	4.2573	0.0418		0.5292	0.5292		0.5292	0.5292		8,355.9832	8,355.9832	0.1602	0.1532	8,405.6387
Mobile	9.8489	45.4304	114.8495	0.4917	45.9592	0.3360	46.2951	12.2950	0.3119	12.6070		50,306.6034	50,306.6034	2.1807		50,361.1208
Total	**41.1168**	**67.2262**	**207.5497**	**0.6278**	**45.9592**	**2.4626**	**48.4217**	**12.2950**	**2.4385**	**14.7336**	**0.0000**	**76,811.1816**	**76,811.1816**	**2.8282**	**0.4832**	**77,025.8786**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	30.5020	15.0496	88.4430	0.0944		1.5974	1.5974		1.5974	1.5974	0.0000	18,148.5950	18,148.5950	0.4874	0.3300	18,259.1192
Energy	0.7660	6.7462	4.2573	0.0418		0.5292	0.5292		0.5292	0.5292		8,355.9832	8,355.9832	0.1602	0.1532	8,405.6387
Mobile	9.8489	45.4304	114.8495	0.4917	45.9592	0.3360	46.2951	12.2950	0.3119	12.6070		50,306.6034	50,306.6034	2.1807		50,361.1208
Total	**41.1168**	**67.2262**	**207.5497**	**0.6278**	**45.9592**	**2.4626**	**48.4217**	**12.2950**	**2.4385**	**14.7336**	**0.0000**	**76,811.1816**	**76,811.1816**	**2.8282**	**0.4832**	**77,025.8786**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/1/2021	10/12/2021	5	30	
2	Site Preparation	Site Preparation	10/13/2021	11/9/2021	5	20	
3	Grading	Grading	11/10/2021	1/11/2022	5	45	
4	Building Construction	Building Construction	1/12/2022	12/12/2023	5	500	
5	Paving	Paving	12/13/2023	1/30/2024	5	35	
6	Architectural Coating	Architectural Coating	1/31/2024	3/19/2024	5	35	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 112.5

Acres of Paving: 0

Residential Indoor: 2,025,000; Residential Outdoor: 675,000; Non-Residential Indoor: 326,400; Non-Residential Outdoor: 108,800; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	458.00	10.00	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.00	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.00	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	801.00	143.00	0.00	10.00	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.00	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	160.00	0.00	0.00	10.00	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.3074	0.0000	3.3074	0.5008	0.0000	0.5008			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
Total	**3.1651**	**31.4407**	**21.5650**	**0.0388**	**3.3074**	**1.5513**	**4.8588**	**0.5008**	**1.4411**	**1.9419**		**3,747.9449**	**3,747.9449**	**1.0549**		**3,774.3174**

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1273	4.0952	0.9602	0.0119	0.2669	0.0126	0.2795	0.0732	0.0120	0.0852		1,292.2413	1,292.2413	0.0877		1,294.4337
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0487	0.0313	0.4282	1.1800e-003	0.1141	9.5000e-004	0.1151	0.0303	8.8000e-004	0.0311		117.2799	117.2799	3.5200e-003		117.3678
Total	**0.1760**	**4.1265**	**1.3884**	**0.0131**	**0.3810**	**0.0135**	**0.3946**	**0.1034**	**0.0129**	**0.1163**		**1,409.5212**	**1,409.5212**	**0.0912**		**1,411.8015**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.3074	0.0000	3.3074	0.5008	0.0000	0.5008			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
Total	**3.1651**	**31.4407**	**21.5650**	**0.0388**	**3.3074**	**1.5513**	**4.8588**	**0.5008**	**1.4411**	**1.9419**	**0.0000**	**3,747.9449**	**3,747.9449**	**1.0549**		**3,774.3174**

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1273	4.0952	0.9602	0.0119	0.2669	0.0126	0.2795	0.0732	0.0120	0.0852		1,292.2413	1,292.2413	0.0877		1,294.4337
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0487	0.0313	0.4282	1.1800e-003	0.1141	9.5000e-004	0.1151	0.0303	8.8000e-004	0.0311		117.2799	117.2799	3.5200e-003		117.3678
Total	**0.1760**	**4.1265**	**1.3884**	**0.0131**	**0.3810**	**0.0135**	**0.3946**	**0.1034**	**0.0129**	**0.1163**		**1,409.5212**	**1,409.5212**	**0.0912**		**1,411.8015**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**3.8882**	**40.4971**	**21.1543**	**0.0380**	**18.0663**	**2.0445**	**20.1107**	**9.9307**	**1.8809**	**11.8116**		**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0584	0.0375	0.5139	1.4100e-003	0.1369	1.1400e-003	0.1381	0.0363	1.0500e-003	0.0374		140.7359	140.7359	4.2200e-003		140.8414
Total	**0.0584**	**0.0375**	**0.5139**	**1.4100e-003**	**0.1369**	**1.1400e-003**	**0.1381**	**0.0363**	**1.0500e-003**	**0.0374**		**140.7359**	**140.7359**	**4.2200e-003**		**140.8414**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**3.8882**	**40.4971**	**21.1543**	**0.0380**	**18.0663**	**2.0445**	**20.1107**	**9.9307**	**1.8809**	**11.8116**	**0.0000**	**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0584	0.0375	0.5139	1.4100e-003	0.1369	1.1400e-003	0.1381	0.0363	1.0500e-003	0.0374		140.7359	140.7359	4.2200e-003		140.8414
Total	**0.0584**	**0.0375**	**0.5139**	**1.4100e-003**	**0.1369**	**1.1400e-003**	**0.1381**	**0.0363**	**1.0500e-003**	**0.0374**		**140.7359**	**140.7359**	**4.2200e-003**		**140.8414**

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**8.6733**	**1.9853**	**10.6587**	**3.5965**	**1.8265**	**5.4230**		**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

3.4 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0649	0.0417	0.5710	1.5700e-003	0.1521	1.2700e-003	0.1534	0.0404	1.1700e-003	0.0415		156.3732	156.3732	4.6900e-003		156.4904
Total	**0.0649**	**0.0417**	**0.5710**	**1.5700e-003**	**0.1521**	**1.2700e-003**	**0.1534**	**0.0404**	**1.1700e-003**	**0.0415**		**156.3732**	**156.3732**	**4.6900e-003**		**156.4904**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**8.6733**	**1.9853**	**10.6587**	**3.5965**	**1.8265**	**5.4230**	**0.0000**	**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

3.4 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0649	0.0417	0.5710	1.5700e-003	0.1521	1.2700e-003	0.1534	0.0404	1.1700e-003	0.0415		156.3732	156.3732	4.6900e-003		156.4904
Total	**0.0649**	**0.0417**	**0.5710**	**1.5700e-003**	**0.1521**	**1.2700e-003**	**0.1534**	**0.0404**	**1.1700e-003**	**0.0415**		**156.3732**	**156.3732**	**4.6900e-003**		**156.4904**

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**8.6733**	**1.6349**	**10.3082**	**3.5965**	**1.5041**	**5.1006**		**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0607	0.0376	0.5263	1.5100e-003	0.1521	1.2300e-003	0.1534	0.0404	1.1300e-003	0.0415		150.8754	150.8754	4.2400e-003		150.9813
Total	**0.0607**	**0.0376**	**0.5263**	**1.5100e-003**	**0.1521**	**1.2300e-003**	**0.1534**	**0.0404**	**1.1300e-003**	**0.0415**		**150.8754**	**150.8754**	**4.2400e-003**		**150.9813**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**8.6733**	**1.6349**	**10.3082**	**3.5965**	**1.5041**	**5.1006**	**0.0000**	**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0607	0.0376	0.5263	1.5100e-003	0.1521	1.2300e-003	0.1534	0.0404	1.1300e-003	0.0415		150.8754	150.8754	4.2400e-003		150.9813
Total	**0.0607**	**0.0376**	**0.5263**	**1.5100e-003**	**0.1521**	**1.2300e-003**	**0.1534**	**0.0404**	**1.1300e-003**	**0.0415**		**150.8754**	**150.8754**	**4.2400e-003**		**150.9813**

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**		**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4079	13.2032	3.4341	0.0364	0.9155	0.0248	0.9404	0.2636	0.0237	0.2873		3,896.5482	3,896.5482	0.2236		3,902.1384
Worker	2.4299	1.5074	21.0801	0.0607	6.0932	0.0493	6.1425	1.6163	0.0454	1.6617		6,042.5585	6,042.5585	0.1697		6,046.8000
Total	**2.8378**	**14.7106**	**24.5142**	**0.0971**	**7.0087**	**0.0741**	**7.0828**	**1.8799**	**0.0691**	**1.9490**		**9,939.1067**	**9,939.1067**	**0.3933**		**9,948.9384**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**	**0.0000**	**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.5 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4079	13.2032	3.4341	0.0364	0.9155	0.0248	0.9404	0.2636	0.0237	0.2873		3,896.5482	3,896.5482	0.2236		3,902.1384
Worker	2.4299	1.5074	21.0801	0.0607	6.0932	0.0493	6.1425	1.6163	0.0454	1.6617		6,042.5585	6,042.5585	0.1697		6,046.8000
Total	**2.8378**	**14.7106**	**24.5142**	**0.0971**	**7.0087**	**0.0741**	**7.0828**	**1.8799**	**0.0691**	**1.9490**		**9,939.1067**	**9,939.1067**	**0.3933**		**9,948.9384**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**		**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3027	10.0181	3.1014	0.0352	0.9156	0.0116	0.9271	0.2636	0.0111	0.2747		3,773.8762	3,773.8762	0.1982		3,778.8300
Worker	2.2780	1.3628	19.4002	0.0584	6.0932	0.0479	6.1411	1.6163	0.0441	1.6604		5,821.4028	5,821.4028	0.1529		5,825.2254
Total	**2.5807**	**11.3809**	**22.5017**	**0.0936**	**7.0088**	**0.0595**	**7.0682**	**1.8799**	**0.0552**	**1.9350**		**9,595.2790**	**9,595.2790**	**0.3511**		**9,604.0554**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**	**0.0000**	**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3027	10.0181	3.1014	0.0352	0.9156	0.0116	0.9271	0.2636	0.0111	0.2747		3,773.8762	3,773.8762	0.1982		3,778.8300
Worker	2.2780	1.3628	19.4002	0.0584	6.0932	0.0479	6.1411	1.6163	0.0441	1.6604		5,821.4028	5,821.4028	0.1529		5,825.2254
Total	**2.5807**	**11.3809**	**22.5017**	**0.0936**	**7.0088**	**0.0595**	**7.0682**	**1.8799**	**0.0552**	**1.9350**		**9,595.2790**	**9,595.2790**	**0.3511**		**9,604.0554**

3.6 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

3.6 Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0427	0.0255	0.3633	1.0900e-003	0.1141	9.0000e-004	0.1150	0.0303	8.3000e-004	0.0311		109.0150	109.0150	2.8600e-003		109.0866
Total	**0.0427**	**0.0255**	**0.3633**	**1.0900e-003**	**0.1141**	**9.0000e-004**	**0.1150**	**0.0303**	**8.3000e-004**	**0.0311**		**109.0150**	**109.0150**	**2.8600e-003**		**109.0866**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

3.6 Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0427	0.0255	0.3633	1.0900e-003	0.1141	9.0000e-004	0.1150	0.0303	8.3000e-004	0.0311		109.0150	109.0150	2.8600e-003		109.0866
Total	**0.0427**	**0.0255**	**0.3633**	**1.0900e-003**	**0.1141**	**9.0000e-004**	**0.1150**	**0.0303**	**8.3000e-004**	**0.0311**		**109.0150**	**109.0150**	**2.8600e-003**		**109.0866**

3.6 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**		**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

3.6 Paving - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0403	0.0233	0.3384	1.0600e-003	0.1141	8.8000e-004	0.1150	0.0303	8.1000e-004	0.0311		105.6336	105.6336	2.6300e-003		105.6992
Total	**0.0403**	**0.0233**	**0.3384**	**1.0600e-003**	**0.1141**	**8.8000e-004**	**0.1150**	**0.0303**	**8.1000e-004**	**0.0311**		**105.6336**	**105.6336**	**2.6300e-003**		**105.6992**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**	**0.0000**	**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

3.6 Paving - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0403	0.0233	0.3384	1.0600e-003	0.1141	8.8000e-004	0.1150	0.0303	8.1000e-004	0.0311		105.6336	105.6336	2.6300e-003		105.6992
Total	**0.0403**	**0.0233**	**0.3384**	**1.0600e-003**	**0.1141**	**8.8000e-004**	**0.1150**	**0.0303**	**8.1000e-004**	**0.0311**		**105.6336**	**105.6336**	**2.6300e-003**		**105.6992**

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	236.4115					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
Total	**236.5923**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**		**281.4481**	**281.4481**	**0.0159**		**281.8443**

3.7 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.4296	0.2481	3.6098	0.0113	1.2171	9.4300e-003	1.2266	0.3229	8.6800e-003	0.3315		1,126.7583	1,126.7583	0.0280		1,127.4583
Total	**0.4296**	**0.2481**	**3.6098**	**0.0113**	**1.2171**	**9.4300e-003**	**1.2266**	**0.3229**	**8.6800e-003**	**0.3315**		**1,126.7583**	**1,126.7583**	**0.0280**		**1,127.4583**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	236.4115					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443
Total	**236.5923**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**	**0.0000**	**281.4481**	**281.4481**	**0.0159**		**281.8443**

3.7 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.4296	0.2481	3.6098	0.0113	1.2171	9.4300e-003	1.2266	0.3229	8.6800e-003	0.3315		1,126.7583	1,126.7583	0.0280		1,127.4583
Total	**0.4296**	**0.2481**	**3.6098**	**0.0113**	**1.2171**	**9.4300e-003**	**1.2266**	**0.3229**	**8.6800e-003**	**0.3315**		**1,126.7583**	**1,126.7583**	**0.0280**		**1,127.4583**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	9.8489	45.4304	114.8495	0.4917	45.9592	0.3360	46.2951	12.2950	0.3119	12.6070		50,306.6034	50,306.6034	2.1807		50,361.1208
Unmitigated	9.8489	45.4304	114.8495	0.4917	45.9592	0.3360	46.2951	12.2950	0.3119	12.6070		50,306.6034	50,306.6034	2.1807		50,361.1208

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	145.75	154.25	154.00	506,227	506,227
Apartments Mid Rise	4,026.75	3,773.25	4075.50	13,660,065	13,660,065
General Office Building	288.45	62.55	31.05	706,812	706,812
High Turnover (Sit Down Restaurant)	2,368.80	2,873.52	2817.72	3,413,937	3,413,937
Hotel	192.00	187.50	160.00	445,703	445,703
Quality Restaurant	501.12	511.92	461.20	707,488	707,488
Regional Shopping Center	528.08	601.44	357.84	1,112,221	1,112,221
Total	8,050.95	8,164.43	8,057.31	20,552,452	20,552,452

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Apartments Mid Rise	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
General Office Building	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
High Turnover (Sit Down Restaurant)	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Hotel	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Quality Restaurant	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Regional Shopping Center	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.7660	6.7462	4.2573	0.0418		0.5292	0.5292		0.5292	0.5292		8,355.9832	8,355.9832	0.1602	0.1532	8,405.6387
NaturalGas Unmitigated	0.7660	6.7462	4.2573	0.0418		0.5292	0.5292		0.5292	0.5292		8,355.9832	8,355.9832	0.1602	0.1532	8,405.6387

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	1119.16	0.0121	0.1031	0.0439	6.6000e-004		8.3400e-003	8.3400e-003		8.3400e-003	8.3400e-003		131.6662	131.6662	2.5200e-003	2.4100e-003	132.4486
Apartments Mid Rise	35784.3	0.3859	3.2978	1.4033	0.0211		0.2666	0.2666		0.2666	0.2666		4,209.9164	4,209.9164	0.0807	0.0772	4,234.9339
General Office Building	1283.42	0.0138	0.1258	0.1057	7.5000e-004		9.5600e-003	9.5600e-003		9.5600e-003	9.5600e-003		150.9911	150.9911	2.8900e-003	2.7700e-003	151.8884
High Turnover (Sit Down Restaurant)	22759.9	0.2455	2.2314	1.8743	0.0134		0.1696	0.1696		0.1696	0.1696		2,677.6342	2,677.6342	0.0513	0.0491	2,693.5460
Hotel	4769.72	0.0514	0.4676	0.3928	2.8100e-003		0.0355	0.0355		0.0355	0.0355		561.1436	561.1436	0.0108	0.0103	564.4782
Quality Restaurant	5057.75	0.0545	0.4959	0.4165	2.9800e-003		0.0377	0.0377		0.0377	0.0377		595.0298	595.0298	0.0114	0.0109	598.5658
Regional Shopping Center	251.616	2.7100e-003	0.0247	0.0207	1.5000e-004		1.8700e-003	1.8700e-003		1.8700e-003	1.8700e-003		29.6019	29.6019	5.7000e-004	5.4000e-004	29.7778
Total		**0.7660**	**6.7463**	**4.2573**	**0.0418**		**0.5292**	**0.5292**		**0.5292**	**0.5292**		**8,355.9832**	**8,355.9832**	**0.1602**	**0.1532**	**8,405.6387**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	1.11916	0.0121	0.1031	0.0439	6.6000e-004		8.3400e-003	8.3400e-003		8.3400e-003	8.3400e-003		131.6662	131.6662	2.5200e-003	2.4100e-003	132.4486
Apartments Mid Rise	35.7843	0.3859	3.2978	1.4033	0.0211		0.2666	0.2666		0.2666	0.2666		4,209.9164	4,209.9164	0.0807	0.0772	4,234.9339
General Office Building	1.28342	0.0138	0.1258	0.1057	7.5000e-004		9.5600e-003	9.5600e-003		9.5600e-003	9.5600e-003		150.9911	150.9911	2.8900e-003	2.7700e-003	151.8884
High Turnover (Sit Down Restaurant)	22.7599	0.2455	2.2314	1.8743	0.0134		0.1696	0.1696		0.1696	0.1696		2,677.6342	2,677.6342	0.0513	0.0491	2,693.5460
Hotel	4.76972	0.0514	0.4676	0.3928	2.8100e-003		0.0355	0.0355		0.0355	0.0355		561.1436	561.1436	0.0108	0.0103	564.4782
Quality Restaurant	5.05775	0.0545	0.4959	0.4165	2.9800e-003		0.0377	0.0377		0.0377	0.0377		595.0298	595.0298	0.0114	0.0109	598.5658
Regional Shopping Center	0.251616	2.7100e-003	0.0247	0.0207	1.5000e-004		1.8700e-003	1.8700e-003		1.8700e-003	1.8700e-003		29.6019	29.6019	5.7000e-004	5.4000e-004	29.7778
Total		**0.7660**	**6.7463**	**4.2573**	**0.0418**		**0.5292**	**0.5292**		**0.5292**	**0.5292**		**8,355.9832**	**8,355.9832**	**0.1602**	**0.1532**	**8,405.6387**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	30.5020	15.0496	88.4430	0.0944		1.5974	1.5974		1.5974	1.5974	0.0000	18,148.5950	18,148.5950	0.4874	0.3300	18,259.1192
Unmitigated	30.5020	15.0496	88.4430	0.0944		1.5974	1.5974		1.5974	1.5974	0.0000	18,148.5950	18,148.5950	0.4874	0.3300	18,259.1192

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.2670					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	24.1085					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.6500	14.1000	6.0000	0.0900		1.1400	1.1400		1.1400	1.1400	0.0000	18,000.0000	18,000.0000	0.3450	0.3300	18,106.9650
Landscaping	2.4766	0.9496	82.4430	4.3600e-003		0.4574	0.4574		0.4574	0.4574		148.5950	148.5950	0.1424		152.1542
Total	**30.5020**	**15.0496**	**88.4430**	**0.0944**		**1.5974**	**1.5974**		**1.5974**	**1.5974**	**0.0000**	**18,148.5950**	**18,148.5950**	**0.4874**	**0.3300**	**18,259.1192**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.2670					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	24.1085					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.6500	14.1000	6.0000	0.0900		1.1400	1.1400		1.1400	1.1400	0.0000	18,000.0000	18,000.0000	0.3450	0.3300	18,106.9650
Landscaping	2.4766	0.9496	82.4430	4.3600e-003		0.4574	0.4574		0.4574	0.4574		148.5950	148.5950	0.1424		152.1542
Total	**30.5020**	**15.0496**	**88.4430**	**0.0944**		**1.5974**	**1.5974**		**1.5974**	**1.5974**	**0.0000**	**18,148.5950**	**18,148.5950**	**0.4874**	**0.3300**	**18,259.1192**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Village South Specific Plan (Proposed)

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	45.00	1000sqft	1.03	45,000.00	0
High Turnover (Sit Down Restaurant)	36.00	1000sqft	0.83	36,000.00	0
Hotel	50.00	Room	1.67	72,600.00	0
Quality Restaurant	8.00	1000sqft	0.18	8,000.00	0
Apartments Low Rise	25.00	Dwelling Unit	1.56	25,000.00	72
Apartments Mid Rise	975.00	Dwelling Unit	25.66	975,000.00	2789
Regional Shopping Center	56.00	1000sqft	1.29	56,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	9			**Operational Year**	2028
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

Project Characteristics - Consistent with the DEIR's model.

Land Use - See SWAPE comment regarding residential and retail land uses.

Construction Phase - See SWAPE comment regarding individual construction phase lengths.

Demolition - Consistent with the DEIR's model. See SWAPE comment regarding demolition.

Vehicle Trips - Saturday trips consistent with the DEIR's model. See SWAPE comment regarding weekday and Sunday trips.

Woodstoves - Woodstoves and wood-burning fireplaces consistent with the DEIR's model. See SWAPE comment regarding gas fireplaces.

Energy Use -

Construction Off-road Equipment Mitigation - See SWAPE comment on construction-related mitigation.

Area Mitigation - See SWAPE comment regarding operational mitigation measures.

Water Mitigation - See SWAPE comment regarding operational mitigation measures.

Trips and VMT - Local hire provision

Table Name	Column Name	Default Value	New Value
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberWood	1.25	0.00
tblFireplaces	NumberWood	48.75	0.00
tblTripsAndVMT	WorkerTripLength	14.70	10.00
tblTripsAndVMT	WorkerTripLength	14.70	10.00
tblTripsAndVMT	WorkerTripLength	14.70	10.00
tblTripsAndVMT	WorkerTripLength	14.70	10.00
tblTripsAndVMT	WorkerTripLength	14.70	10.00
tblTripsAndVMT	WorkerTripLength	14.70	10.00
tblVehicleTrips	ST_TR	7.16	6.17
tblVehicleTrips	ST_TR	6.39	3.87
tblVehicleTrips	ST_TR	2.46	1.39
tblVehicleTrips	ST_TR	158.37	79.82

tblVehicleTrips	ST_TR	8.19	3.75
tblVehicleTrips	ST_TR	94.36	63.99
tblVehicleTrips	ST_TR	49.97	10.74
tblVehicleTrips	SU_TR	6.07	6.16
tblVehicleTrips	SU_TR	5.86	4.18
tblVehicleTrips	SU_TR	1.05	0.69
tblVehicleTrips	SU_TR	131.84	78.27
tblVehicleTrips	SU_TR	5.95	3.20
tblVehicleTrips	SU_TR	72.16	57.65
tblVehicleTrips	SU_TR	25.24	6.39
tblVehicleTrips	WD_TR	6.59	5.83
tblVehicleTrips	WD_TR	6.65	4.13
tblVehicleTrips	WD_TR	11.03	6.41
tblVehicleTrips	WD_TR	127.15	65.80
tblVehicleTrips	WD_TR	8.17	3.84
tblVehicleTrips	WD_TR	89.95	62.64
tblVehicleTrips	WD_TR	42.70	9.43
tblWoodstoves	NumberCatalytic	1.25	0.00
tblWoodstoves	NumberCatalytic	48.75	0.00
tblWoodstoves	NumberNoncatalytic	1.25	0.00
tblWoodstoves	NumberNoncatalytic	48.75	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	4.2621	46.4460	31.4068	0.0635	18.2032	2.0456	20.2488	9.9670	1.8820	11.8490	0.0000	6,154.3377	6,154.3377	1.9472	0.0000	6,203.0186
2022	4.7966	38.8851	39.6338	0.1195	8.8255	1.6361	10.4616	3.6369	1.5052	5.1421	0.0000	12,035.3440	12,035.3440	1.9482	0.0000	12,060.6013
2023	4.3939	25.8648	37.5031	0.1162	7.0088	0.7598	7.7685	1.8799	0.7142	2.5940	0.0000	11,710.4080	11,710.4080	0.9617	0.0000	11,734.4497
2024	237.0656	9.5503	14.9372	0.0238	1.2171	0.4694	1.2875	0.3229	0.4319	0.4621	0.0000	2,307.0517	2,307.0517	0.7164	0.0000	2,324.9627
Maximum	**237.0656**	**46.4460**	**39.6338**	**0.1195**	**18.2032**	**2.0456**	**20.2488**	**9.9670**	**1.8820**	**11.8490**	**0.0000**	**12,035.3440**	**12,035.3440**	**1.9482**	**0.0000**	**12,060.6013**

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	4.2621	46.4460	31.4068	0.0635	18.2032	2.0456	20.2488	9.9670	1.8820	11.8490	0.0000	6,154.3377	6,154.3377	1.9472	0.0000	6,203.0186
2022	4.7966	38.8851	39.6338	0.1195	8.8255	1.6361	10.4616	3.6369	1.5052	5.1421	0.0000	12,035.3440	12,035.3440	1.9482	0.0000	12,060.6013
2023	4.3939	25.8648	37.5031	0.1162	7.0088	0.7598	7.7685	1.8799	0.7142	2.5940	0.0000	11,710.4080	11,710.4080	0.9617	0.0000	11,734.4497
2024	237.0656	9.5503	14.9372	0.0238	1.2171	0.4694	1.2875	0.3229	0.4319	0.4621	0.0000	2,307.0517	2,307.0517	0.7164	0.0000	2,324.9627
Maximum	**237.0656**	**46.4460**	**39.6338**	**0.1195**	**18.2032**	**2.0456**	**20.2488**	**9.9670**	**1.8820**	**11.8490**	**0.0000**	**12,035.3440**	**12,035.3440**	**1.9482**	**0.0000**	**12,060.6013**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	30.5020	15.0496	88.4430	0.0944		1.5974	1.5974		1.5974	1.5974	0.0000	18,148.5950	18,148.5950	0.4874	0.3300	18,259.1192
Energy	0.7660	6.7462	4.2573	0.0418		0.5292	0.5292		0.5292	0.5292		8,355.9832	8,355.9832	0.1602	0.1532	8,405.6387
Mobile	9.5233	45.9914	110.0422	0.4681	45.9592	0.3373	46.2965	12.2950	0.3132	12.6083		47,917.8005	47,917.8005	2.1953		47,972.6839
Total	**40.7912**	**67.7872**	**202.7424**	**0.6043**	**45.9592**	**2.4640**	**48.4231**	**12.2950**	**2.4399**	**14.7349**	**0.0000**	**74,422.3787**	**74,422.3787**	**2.8429**	**0.4832**	**74,637.4417**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	30.5020	15.0496	88.4430	0.0944		1.5974	1.5974		1.5974	1.5974	0.0000	18,148.5950	18,148.5950	0.4874	0.3300	18,259.1192
Energy	0.7660	6.7462	4.2573	0.0418		0.5292	0.5292		0.5292	0.5292		8,355.9832	8,355.9832	0.1602	0.1532	8,405.6387
Mobile	9.5233	45.9914	110.0422	0.4681	45.9592	0.3373	46.2965	12.2950	0.3132	12.6083		47,917.8005	47,917.8005	2.1953		47,972.6839
Total	**40.7912**	**67.7872**	**202.7424**	**0.6043**	**45.9592**	**2.4640**	**48.4231**	**12.2950**	**2.4399**	**14.7349**	**0.0000**	**74,422.3787**	**74,422.3787**	**2.8429**	**0.4832**	**74,637.4417**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/1/2021	10/12/2021	5	30	
2	Site Preparation	Site Preparation	10/13/2021	11/9/2021	5	20	
3	Grading	Grading	11/10/2021	1/11/2022	5	45	
4	Building Construction	Building Construction	1/12/2022	12/12/2023	5	500	
5	Paving	Paving	12/13/2023	1/30/2024	5	35	
6	Architectural Coating	Architectural Coating	1/31/2024	3/19/2024	5	35	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 112.5

Acres of Paving: 0

Residential Indoor: 2,025,000; Residential Outdoor: 675,000; Non-Residential Indoor: 326,400; Non-Residential Outdoor: 108,800; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	458.00	10.00	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.00	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.00	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	801.00	143.00	0.00	10.00	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.00	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	160.00	0.00	0.00	10.00	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.3074	0.0000	3.3074	0.5008	0.0000	0.5008			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
Total	**3.1651**	**31.4407**	**21.5650**	**0.0388**	**3.3074**	**1.5513**	**4.8588**	**0.5008**	**1.4411**	**1.9419**		**3,747.9449**	**3,747.9449**	**1.0549**		**3,774.3174**

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1304	4.1454	1.0182	0.0117	0.2669	0.0128	0.2797	0.0732	0.0122	0.0854		1,269.8555	1,269.8555	0.0908		1,272.1252
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0532	0.0346	0.3963	1.1100e-003	0.1141	9.5000e-004	0.1151	0.0303	8.8000e-004	0.0311		110.4707	110.4707	3.3300e-003		110.5539
Total	**0.1835**	**4.1800**	**1.4144**	**0.0128**	**0.3810**	**0.0137**	**0.3948**	**0.1034**	**0.0131**	**0.1165**		**1,380.3262**	**1,380.3262**	**0.0941**		**1,382.6791**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.3074	0.0000	3.3074	0.5008	0.0000	0.5008			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
Total	**3.1651**	**31.4407**	**21.5650**	**0.0388**	**3.3074**	**1.5513**	**4.8588**	**0.5008**	**1.4411**	**1.9419**	**0.0000**	**3,747.9449**	**3,747.9449**	**1.0549**		**3,774.3174**

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1304	4.1454	1.0182	0.0117	0.2669	0.0128	0.2797	0.0732	0.0122	0.0854		1,269.8555	1,269.8555	0.0908		1,272.1252
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0532	0.0346	0.3963	1.1100e-003	0.1141	9.5000e-004	0.1151	0.0303	8.8000e-004	0.0311		110.4707	110.4707	3.3300e-003		110.5539
Total	**0.1835**	**4.1800**	**1.4144**	**0.0128**	**0.3810**	**0.0137**	**0.3948**	**0.1034**	**0.0131**	**0.1165**		**1,380.3262**	**1,380.3262**	**0.0941**		**1,382.6791**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**3.8882**	**40.4971**	**21.1543**	**0.0380**	**18.0663**	**2.0445**	**20.1107**	**9.9307**	**1.8809**	**11.8116**		**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0638	0.0415	0.4755	1.3300e-003	0.1369	1.1400e-003	0.1381	0.0363	1.0500e-003	0.0374		132.5649	132.5649	3.9900e-003		132.6646
Total	**0.0638**	**0.0415**	**0.4755**	**1.3300e-003**	**0.1369**	**1.1400e-003**	**0.1381**	**0.0363**	**1.0500e-003**	**0.0374**		**132.5649**	**132.5649**	**3.9900e-003**		**132.6646**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**3.8882**	**40.4971**	**21.1543**	**0.0380**	**18.0663**	**2.0445**	**20.1107**	**9.9307**	**1.8809**	**11.8116**	**0.0000**	**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0638	0.0415	0.4755	1.3300e-003	0.1369	1.1400e-003	0.1381	0.0363	1.0500e-003	0.0374		132.5649	132.5649	3.9900e-003		132.6646
Total	**0.0638**	**0.0415**	**0.4755**	**1.3300e-003**	**0.1369**	**1.1400e-003**	**0.1381**	**0.0363**	**1.0500e-003**	**0.0374**		**132.5649**	**132.5649**	**3.9900e-003**		**132.6646**

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**8.6733**	**1.9853**	**10.6587**	**3.5965**	**1.8265**	**5.4230**		**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

3.4 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0709	0.0462	0.5284	1.4800e-003	0.1521	1.2700e-003	0.1534	0.0404	1.1700e-003	0.0415		147.2943	147.2943	4.4300e-003		147.4051
Total	**0.0709**	**0.0462**	**0.5284**	**1.4800e-003**	**0.1521**	**1.2700e-003**	**0.1534**	**0.0404**	**1.1700e-003**	**0.0415**		**147.2943**	**147.2943**	**4.4300e-003**		**147.4051**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**8.6733**	**1.9853**	**10.6587**	**3.5965**	**1.8265**	**5.4230**	**0.0000**	**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

3.4 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0709	0.0462	0.5284	1.4800e-003	0.1521	1.2700e-003	0.1534	0.0404	1.1700e-003	0.0415		147.2943	147.2943	4.4300e-003		147.4051
Total	**0.0709**	**0.0462**	**0.5284**	**1.4800e-003**	**0.1521**	**1.2700e-003**	**0.1534**	**0.0404**	**1.1700e-003**	**0.0415**		**147.2943**	**147.2943**	**4.4300e-003**		**147.4051**

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**8.6733**	**1.6349**	**10.3082**	**3.5965**	**1.5041**	**5.1006**		**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0665	0.0416	0.4861	1.4300e-003	0.1521	1.2300e-003	0.1534	0.0404	1.1300e-003	0.0415		142.1207	142.1207	4.0000e-003		142.2207
Total	**0.0665**	**0.0416**	**0.4861**	**1.4300e-003**	**0.1521**	**1.2300e-003**	**0.1534**	**0.0404**	**1.1300e-003**	**0.0415**		**142.1207**	**142.1207**	**4.0000e-003**		**142.2207**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**8.6733**	**1.6349**	**10.3082**	**3.5965**	**1.5041**	**5.1006**	**0.0000**	**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0665	0.0416	0.4861	1.4300e-003	0.1521	1.2300e-003	0.1534	0.0404	1.1300e-003	0.0415		142.1207	142.1207	4.0000e-003		142.2207
Total	**0.0665**	**0.0416**	**0.4861**	**1.4300e-003**	**0.1521**	**1.2300e-003**	**0.1534**	**0.0404**	**1.1300e-003**	**0.0415**		**142.1207**	**142.1207**	**4.0000e-003**		**142.2207**

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**		**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4284	13.1673	3.8005	0.0354	0.9155	0.0256	0.9412	0.2636	0.0245	0.2881		3,789.0750	3,789.0750	0.2381		3,795.0283
Worker	2.6620	1.6677	19.4699	0.0571	6.0932	0.0493	6.1425	1.6163	0.0454	1.6617		5,691.9354	5,691.9354	0.1602		5,695.9408
Total	**3.0904**	**14.8350**	**23.2704**	**0.0926**	**7.0087**	**0.0749**	**7.0836**	**1.8799**	**0.0699**	**1.9498**		**9,481.0104**	**9,481.0104**	**0.3984**		**9,490.9691**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**	**0.0000**	**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.5 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4284	13.1673	3.8005	0.0354	0.9155	0.0256	0.9412	0.2636	0.0245	0.2881		3,789.0750	3,789.0750	0.2381		3,795.0283
Worker	2.6620	1.6677	19.4699	0.0571	6.0932	0.0493	6.1425	1.6163	0.0454	1.6617		5,691.9354	5,691.9354	0.1602		5,695.9408
Total	**3.0904**	**14.8350**	**23.2704**	**0.0926**	**7.0087**	**0.0749**	**7.0836**	**1.8799**	**0.0699**	**1.9498**		**9,481.0104**	**9,481.0104**	**0.3984**		**9,490.9691**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**		**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3183	9.9726	3.3771	0.0343	0.9156	0.0122	0.9277	0.2636	0.0116	0.2752		3,671.4007	3,671.4007	0.2096		3,676.6417
Worker	2.5029	1.5073	17.8820	0.0550	6.0932	0.0479	6.1411	1.6163	0.0441	1.6604		5,483.7974	5,483.7974	0.1442		5,487.4020
Total	**2.8211**	**11.4799**	**21.2591**	**0.0893**	**7.0088**	**0.0601**	**7.0688**	**1.8799**	**0.0557**	**1.9356**		**9,155.1981**	**9,155.1981**	**0.3538**		**9,164.0437**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**	**0.0000**	**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3183	9.9726	3.3771	0.0343	0.9156	0.0122	0.9277	0.2636	0.0116	0.2752		3,671.4007	3,671.4007	0.2096		3,676.6417
Worker	2.5029	1.5073	17.8820	0.0550	6.0932	0.0479	6.1411	1.6163	0.0441	1.6604		5,483.7974	5,483.7974	0.1442		5,487.4020
Total	**2.8211**	**11.4799**	**21.2591**	**0.0893**	**7.0088**	**0.0601**	**7.0688**	**1.8799**	**0.0557**	**1.9356**		**9,155.1981**	**9,155.1981**	**0.3538**		**9,164.0437**

3.6 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

3.6 Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0469	0.0282	0.3349	1.0300e-003	0.1141	9.0000e-004	0.1150	0.0303	8.3000e-004	0.0311		102.6928	102.6928	2.7000e-003		102.7603
Total	**0.0469**	**0.0282**	**0.3349**	**1.0300e-003**	**0.1141**	**9.0000e-004**	**0.1150**	**0.0303**	**8.3000e-004**	**0.0311**		**102.6928**	**102.6928**	**2.7000e-003**		**102.7603**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

3.6 Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0469	0.0282	0.3349	1.0300e-003	0.1141	9.0000e-004	0.1150	0.0303	8.3000e-004	0.0311		102.6928	102.6928	2.7000e-003		102.7603
Total	**0.0469**	**0.0282**	**0.3349**	**1.0300e-003**	**0.1141**	**9.0000e-004**	**0.1150**	**0.0303**	**8.3000e-004**	**0.0311**		**102.6928**	**102.6928**	**2.7000e-003**		**102.7603**

3.6 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**		**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

3.6 Paving - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0444	0.0257	0.3114	1.0000e-003	0.1141	8.8000e-004	0.1150	0.0303	8.1000e-004	0.0311		99.5045	99.5045	2.4700e-003		99.5663
Total	**0.0444**	**0.0257**	**0.3114**	**1.0000e-003**	**0.1141**	**8.8000e-004**	**0.1150**	**0.0303**	**8.1000e-004**	**0.0311**		**99.5045**	**99.5045**	**2.4700e-003**		**99.5663**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**	**0.0000**	**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

3.6 Paving - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0444	0.0257	0.3114	1.0000e-003	0.1141	8.8000e-004	0.1150	0.0303	8.1000e-004	0.0311		99.5045	99.5045	2.4700e-003		99.5663
Total	**0.0444**	**0.0257**	**0.3114**	**1.0000e-003**	**0.1141**	**8.8000e-004**	**0.1150**	**0.0303**	**8.1000e-004**	**0.0311**		**99.5045**	**99.5045**	**2.4700e-003**		**99.5663**

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	236.4115					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
Total	**236.5923**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**		**281.4481**	**281.4481**	**0.0159**		**281.8443**

3.7 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.4734	0.2743	3.3220	0.0107	1.2171	9.4300e-003	1.2266	0.3229	8.6800e-003	0.3315		1,061.3818	1,061.3818	0.0264		1,062.0410
Total	**0.4734**	**0.2743**	**3.3220**	**0.0107**	**1.2171**	**9.4300e-003**	**1.2266**	**0.3229**	**8.6800e-003**	**0.3315**		**1,061.3818**	**1,061.3818**	**0.0264**		**1,062.0410**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	236.4115					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443
Total	**236.5923**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**	**0.0000**	**281.4481**	**281.4481**	**0.0159**		**281.8443**

3.7 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.4734	0.2743	3.3220	0.0107	1.2171	9.4300e-003	1.2266	0.3229	8.6800e-003	0.3315		1,061.3818	1,061.3818	0.0264		1,062.0410
Total	**0.4734**	**0.2743**	**3.3220**	**0.0107**	**1.2171**	**9.4300e-003**	**1.2266**	**0.3229**	**8.6800e-003**	**0.3315**		**1,061.3818**	**1,061.3818**	**0.0264**		**1,062.0410**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	9.5233	45.9914	110.0422	0.4681	45.9592	0.3373	46.2965	12.2950	0.3132	12.6083		47,917.8005	47,917.8005	2.1953		47,972.6839
Unmitigated	9.5233	45.9914	110.0422	0.4681	45.9592	0.3373	46.2965	12.2950	0.3132	12.6083		47,917.8005	47,917.8005	2.1953		47,972.6839

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	145.75	154.25	154.00	506,227	506,227
Apartments Mid Rise	4,026.75	3,773.25	4075.50	13,660,065	13,660,065
General Office Building	288.45	62.55	31.05	706,812	706,812
High Turnover (Sit Down Restaurant)	2,368.80	2,873.52	2817.72	3,413,937	3,413,937
Hotel	192.00	187.50	160.00	445,703	445,703
Quality Restaurant	501.12	511.92	461.20	707,488	707,488
Regional Shopping Center	528.08	601.44	357.84	1,112,221	1,112,221
Total	8,050.95	8,164.43	8,057.31	20,552,452	20,552,452

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Apartments Mid Rise	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
General Office Building	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
High Turnover (Sit Down Restaurant)	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Hotel	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Quality Restaurant	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Regional Shopping Center	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.7660	6.7462	4.2573	0.0418		0.5292	0.5292		0.5292	0.5292		8,355.9832	8,355.9832	0.1602	0.1532	8,405.6387
NaturalGas Unmitigated	0.7660	6.7462	4.2573	0.0418		0.5292	0.5292		0.5292	0.5292		8,355.9832	8,355.9832	0.1602	0.1532	8,405.6387

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	1119.16	0.0121	0.1031	0.0439	6.6000e-004		8.3400e-003	8.3400e-003		8.3400e-003	8.3400e-003		131.6662	131.6662	2.5200e-003	2.4100e-003	132.4486
Apartments Mid Rise	35784.3	0.3859	3.2978	1.4033	0.0211		0.2666	0.2666		0.2666	0.2666		4,209.9164	4,209.9164	0.0807	0.0772	4,234.9339
General Office Building	1283.42	0.0138	0.1258	0.1057	7.5000e-004		9.5600e-003	9.5600e-003		9.5600e-003	9.5600e-003		150.9911	150.9911	2.8900e-003	2.7700e-003	151.8884
High Turnover (Sit Down Restaurant)	22759.9	0.2455	2.2314	1.8743	0.0134		0.1696	0.1696		0.1696	0.1696		2,677.6342	2,677.6342	0.0513	0.0491	2,693.5460
Hotel	4769.72	0.0514	0.4676	0.3928	2.8100e-003		0.0355	0.0355		0.0355	0.0355		561.1436	561.1436	0.0108	0.0103	564.4782
Quality Restaurant	5057.75	0.0545	0.4959	0.4165	2.9800e-003		0.0377	0.0377		0.0377	0.0377		595.0298	595.0298	0.0114	0.0109	598.5658
Regional Shopping Center	251.616	2.7100e-003	0.0247	0.0207	1.5000e-004		1.8700e-003	1.8700e-003		1.8700e-003	1.8700e-003		29.6019	29.6019	5.7000e-004	5.4000e-004	29.7778
Total		**0.7660**	**6.7463**	**4.2573**	**0.0418**		**0.5292**	**0.5292**		**0.5292**	**0.5292**		**8,355.9832**	**8,355.9832**	**0.1602**	**0.1532**	**8,405.6387**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	1.11916	0.0121	0.1031	0.0439	6.6000e-004		8.3400e-003	8.3400e-003		8.3400e-003	8.3400e-003		131.6662	131.6662	2.5200e-003	2.4100e-003	132.4486
Apartments Mid Rise	35.7843	0.3859	3.2978	1.4033	0.0211		0.2666	0.2666		0.2666	0.2666		4,209.9164	4,209.9164	0.0807	0.0772	4,234.9339
General Office Building	1.28342	0.0138	0.1258	0.1057	7.5000e-004		9.5600e-003	9.5600e-003		9.5600e-003	9.5600e-003		150.9911	150.9911	2.8900e-003	2.7700e-003	151.8884
High Turnover (Sit Down Restaurant)	22.7599	0.2455	2.2314	1.8743	0.0134		0.1696	0.1696		0.1696	0.1696		2,677.6342	2,677.6342	0.0513	0.0491	2,693.5460
Hotel	4.76972	0.0514	0.4676	0.3928	2.8100e-003		0.0355	0.0355		0.0355	0.0355		561.1436	561.1436	0.0108	0.0103	564.4782
Quality Restaurant	5.05775	0.0545	0.4959	0.4165	2.9800e-003		0.0377	0.0377		0.0377	0.0377		595.0298	595.0298	0.0114	0.0109	598.5658
Regional Shopping Center	0.251616	2.7100e-003	0.0247	0.0207	1.5000e-004		1.8700e-003	1.8700e-003		1.8700e-003	1.8700e-003		29.6019	29.6019	5.7000e-004	5.4000e-004	29.7778
Total		**0.7660**	**6.7463**	**4.2573**	**0.0418**		**0.5292**	**0.5292**		**0.5292**	**0.5292**		**8,355.9832**	**8,355.9832**	**0.1602**	**0.1532**	**8,405.6387**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	30.5020	15.0496	88.4430	0.0944		1.5974	1.5974		1.5974	1.5974	0.0000	18,148.5950	18,148.5950	0.4874	0.3300	18,259.1192
Unmitigated	30.5020	15.0496	88.4430	0.0944		1.5974	1.5974		1.5974	1.5974	0.0000	18,148.5950	18,148.5950	0.4874	0.3300	18,259.1192

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.2670					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	24.1085					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.6500	14.1000	6.0000	0.0900		1.1400	1.1400		1.1400	1.1400	0.0000	18,000.0000	18,000.0000	0.3450	0.3300	18,106.9650
Landscaping	2.4766	0.9496	82.4430	4.3600e-003		0.4574	0.4574		0.4574	0.4574		148.5950	148.5950	0.1424		152.1542
Total	**30.5020**	**15.0496**	**88.4430**	**0.0944**		**1.5974**	**1.5974**		**1.5974**	**1.5974**	**0.0000**	**18,148.5950**	**18,148.5950**	**0.4874**	**0.3300**	**18,259.1192**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.2670					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	24.1085					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.6500	14.1000	6.0000	0.0900		1.1400	1.1400		1.1400	1.1400	0.0000	18,000.0000	18,000.0000	0.3450	0.3300	18,106.9650
Landscaping	2.4766	0.9496	82.4430	4.3600e-003		0.4574	0.4574		0.4574	0.4574		148.5950	148.5950	0.1424		152.1542
Total	**30.5020**	**15.0496**	**88.4430**	**0.0944**		**1.5974**	**1.5974**		**1.5974**	**1.5974**	**0.0000**	**18,148.5950**	**18,148.5950**	**0.4874**	**0.3300**	**18,259.1192**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Attachment C

Local Hire Provision Net Change	
Without Local Hire Provision	
Total Construction GHG Emissions (MT CO2e)	3,623
Amortized (MT CO2e/year)	120.77
With Local Hire Provision	
Total Construction GHG Emissions (MT CO2e)	3,024
Amortized (MT CO2e/year)	100.80
% Decrease in Construction-related GHG Emissions	***17%***

EXHIBIT B

SWAPE Technical Consultation, Data Analysis and Litigation Support for the Environment

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Paul Rosenfeld, Ph.D.

Chemical Fate and Transport & Air Dispersion Modeling

Principal Environmental Chemist

Risk Assessment & Remediation Specialist

Education

Ph.D. Soil Chemistry, University of Washington, 1999. Dissertation on volatile organic compound filtration.

M.S. Environmental Science, U.C. Berkeley, 1995. Thesis on organic waste economics.

B.A. Environmental Studies, U.C. Santa Barbara, 1991. Thesis on wastewater treatment.

Professional Experience

Dr. Rosenfeld has over 25 years' experience conducting environmental investigations and risk assessments for evaluating impacts to human health, property, and ecological receptors. His expertise focuses on the fate and transport of environmental contaminants, human health risk, exposure assessment, and ecological restoration. Dr. Rosenfeld has evaluated and modeled emissions from unconventional oil drilling operations, oil spills, landfills, boilers and incinerators, process stacks, storage tanks, confined animal feeding operations, and many other industrial and agricultural sources. His project experience ranges from monitoring and modeling of pollution sources to evaluating impacts of pollution on workers at industrial facilities and residents in surrounding communities.

Dr. Rosenfeld has investigated and designed remediation programs and risk assessments for contaminated sites containing lead, heavy metals, mold, bacteria, particulate matter, petroleum hydrocarbons, chlorinated solvents, pesticides, radioactive waste, dioxins and furans, semi- and volatile organic compounds, PCBs, PAHs, perchlorate, asbestos, per- and poly-fluoroalkyl substances (PFOA/PFOS), unusual polymers, fuel oxygenates (MTBE), among other pollutants. Dr. Rosenfeld also has experience evaluating greenhouse gas emissions from various projects and is an expert on the assessment of odors from industrial and agricultural sites, as well as the evaluation of odor nuisance impacts and technologies for abatement of odorous emissions. As a principal scientist at SWAPE, Dr. Rosenfeld directs air dispersion modeling and exposure assessments. He has served as an expert witness and testified about pollution sources causing nuisance and/or personal injury at dozens of sites and has testified as an expert witness on more than ten cases involving exposure to air contaminants from industrial sources.

Professional History:

Soil Water Air Protection Enterprise (SWAPE); 2003 to present; Principal and Founding Partner
UCLA School of Public Health; 2007 to 2011; Lecturer (Assistant Researcher)
UCLA School of Public Health; 2003 to 2006; Adjunct Professor
UCLA Environmental Science and Engineering Program; 2002-2004; Doctoral Intern Coordinator
UCLA Institute of the Environment, 2001-2002; Research Associate
Komex H_2O Science, 2001 to 2003; Senior Remediation Scientist
National Groundwater Association, 2002-2004; Lecturer
San Diego State University, 1999-2001; Adjunct Professor
Anteon Corp., San Diego, 2000-2001; Remediation Project Manager
Ogden (now Amec), San Diego, 2000-2000; Remediation Project Manager
Bechtel, San Diego, California, 1999 – 2000; Risk Assessor
King County, Seattle, 1996 – 1999; Scientist
James River Corp., Washington, 1995-96; Scientist
Big Creek Lumber, Davenport, California, 1995; Scientist
Plumas Corp., California and USFS, Tahoe 1993-1995; Scientist
Peace Corps and World Wildlife Fund, St. Kitts, West Indies, 1991-1993; Scientist

Publications:

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Rosenfeld P. E. (March 2007). Production, Chemical Properties, Toxicology, & Treatment Case Studies of 1,2,3-Trichloropropane (TCP). *The Association for Environmental Health and Sciences (AEHS) Annual Meeting*. Lecture conducted from San Diego, CA.

Rosenfeld P. E. (March 2007). Blood and Attic Sampling for Dioxin/Furan, PAH, and Metal Exposure in Florala, Alabama. *The AEHS Annual Meeting.* Lecture conducted from San Diego, CA.

Hensley A.R., Scott, A., **Rosenfeld P.E.,** Clark, J.J.J. (August 21 – 25, 2006). Dioxin Containing Attic Dust And Human Blood Samples Collected Near A Former Wood Treatment Facility. *The 26th International Symposium on Halogenated Persistent Organic Pollutants – DIOXIN2006*. Lecture conducted from Radisson SAS Scandinavia Hotel in Oslo Norway.

Hensley A.R., Scott, A., **Rosenfeld P.E.,** Clark, J.J.J. (November 4-8, 2006). Dioxin Containing Attic Dust And Human Blood Samples Collected Near A Former Wood Treatment Facility. *APHA 134 Annual Meeting & Exposition.* Lecture conducted from Boston Massachusetts.

Paul Rosenfeld Ph.D. (October 24-25, 2005). Fate, Transport and Persistence of PFOA and Related Chemicals. Mealey's C8/PFOA. *Science, Risk & Litigation Conference.* Lecture conducted from The Rittenhouse Hotel, Philadelphia, PA.

Paul Rosenfeld Ph.D. (September 19, 2005). Brominated Flame Retardants in Groundwater: Pathways to Human Ingestion, *Toxicology and Remediation PEMA Emerging Contaminant Conference*. Lecture conducted from Hilton Hotel, Irvine California.

Paul Rosenfeld Ph.D. (September 19, 2005). Fate, Transport, Toxicity, And Persistence of 1,2,3-TCP. *PEMA Emerging Contaminant Conference.* Lecture conducted from Hilton Hotel in Irvine, California.

Paul Rosenfeld Ph.D. (September 26-27, 2005). Fate, Transport and Persistence of PDBEs. *Mealey's Groundwater Conference.* Lecture conducted from Ritz Carlton Hotel, Marina Del Ray, California.

Paul Rosenfeld Ph.D. (June 7-8, 2005). Fate, Transport and Persistence of PFOA and Related Chemicals. *International Society of Environmental Forensics: Focus On Emerging Contaminants*. Lecture conducted from Sheraton Oceanfront Hotel, Virginia Beach, Virginia.

Paul Rosenfeld Ph.D. (July 21-22, 2005). Fate Transport, Persistence and Toxicology of PFOA and Related Perfluorochemicals. *2005 National Groundwater Association Ground Water And Environmental Law Conference*. Lecture conducted from Wyndham Baltimore Inner Harbor, Baltimore Maryland.

Paul Rosenfeld Ph.D. (July 21-22, 2005). Brominated Flame Retardants in Groundwater: Pathways to Human Ingestion, Toxicology and Remediation. *2005 National Groundwater Association Ground Water and Environmental Law Conference.* Lecture conducted from Wyndham Baltimore Inner Harbor, Baltimore Maryland.

Paul Rosenfeld, Ph.D. and James Clark Ph.D. and Rob Hesse R.G. (May 5-6, 2004). Tert-butyl Alcohol Liability and Toxicology, A National Problem and Unquantified Liability. *National Groundwater Association. Environmental Law Conference*. Lecture conducted from Congress Plaza Hotel, Chicago Illinois.

Paul Rosenfeld, Ph.D. (March 2004). Perchlorate Toxicology. *Meeting of the American Groundwater Trust*. Lecture conducted from Phoenix Arizona.

Hagemann, M.F., **Paul Rosenfeld, Ph.D.** and Rob Hesse (2004). Perchlorate Contamination of the Colorado River. *Meeting of tribal representatives*. Lecture conducted from Parker, AZ.

Paul Rosenfeld, Ph.D. (April 7, 2004). A National Damage Assessment Model For PCE and Dry Cleaners. *Drycleaner Symposium. California Ground Water Association*. Lecture conducted from Radison Hotel, Sacramento, California.

Rosenfeld, P. E., Grey, M., (June 2003) Two stage biofilter for biosolids composting odor control. *Seventh International In Situ And On Site Bioremediation Symposium Battelle Conference* Orlando, FL.

Paul Rosenfeld, Ph.D. and James Clark Ph.D. (February 20-21, 2003) Understanding Historical Use, Chemical Properties, Toxicity and Regulatory Guidance of 1,4 Dioxane. *National Groundwater Association. Southwest Focus Conference. Water Supply and Emerging Contaminants*.. Lecture conducted from Hyatt Regency Phoenix Arizona.

Paul Rosenfeld, Ph.D. (February 6-7, 2003). Underground Storage Tank Litigation and Remediation. *California CUPA Forum*. Lecture conducted from Marriott Hotel, Anaheim California.

Paul Rosenfeld, Ph.D. (October 23, 2002) Underground Storage Tank Litigation and Remediation. *EPA Underground Storage Tank Roundtable*. Lecture conducted from Sacramento California.

Rosenfeld, P.E. and Suffet, M. (October 7- 10, 2002). Understanding Odor from Compost, *Wastewater and Industrial Processes. Sixth Annual Symposium On Off Flavors in the Aquatic Environment. International Water Association*. Lecture conducted from Barcelona Spain.

Rosenfeld, P.E. and Suffet, M. (October 7- 10, 2002). Using High Carbon Wood Ash to Control Compost Odor. *Sixth Annual Symposium On Off Flavors in the Aquatic Environment. International Water Association*. Lecture conducted from Barcelona Spain.

Rosenfeld, P.E. and Grey, M. A. (September 22-24, 2002). Biocycle Composting For Coastal Sage Restoration. *Northwest Biosolids Management Association*. Lecture conducted from Vancouver Washington..

Rosenfeld, P.E. and Grey, M. A. (November 11-14, 2002). Using High-Carbon Wood Ash to Control Odor at a Green Materials Composting Facility. *Soil Science Society Annual Conferenc*e. Lecture conducted from Indianapolis, Maryland.

Rosenfeld. P.E. (September 16, 2000). Two stage biofilter for biosolids composting odor control. *Water Environment Federation.* Lecture conducted from Anaheim California.

Rosenfeld. P.E. (October 16, 2000). Wood ash and biofilter control of compost odor. *Biofest.* Lecture conducted from Ocean Shores, California.

Rosenfeld, P.E. (2000). Bioremediation Using Organic Soil Amendments. *California Resource Recovery Association*. Lecture conducted from Sacramento California.

Rosenfeld, P.E., C.L. Henry, R. Harrison. (1998). Oat and Grass Seed Germination and Nitrogen and Sulfur Emissions Following Biosolids Incorporation With High-Carbon Wood-Ash. *Water Environment Federation 12th Annual Residuals and Biosolids Management Conference Proceedings*. Lecture conducted from Bellevue Washington.

Rosenfeld, P.E., and C.L. Henry. (1999). An evaluation of ash incorporation with biosolids for odor reduction. *Soil Science Society of America*. Lecture conducted from Salt Lake City Utah.

Rosenfeld, P.E., C.L. Henry, R. Harrison. (1998). Comparison of Microbial Activity and Odor Emissions from Three Different Biosolids Applied to Forest Soil. *Brown and Caldwell.* Lecture conducted from Seattle Washington.

Rosenfeld, P.E., C.L. Henry. (1998). Characterization, Quantification, and Control of Odor Emissions from Biosolids Application To Forest Soil. *Biofest.* Lecture conducted from Lake Chelan, Washington.

Rosenfeld, P.E, C.L. Henry, R. Harrison. (1998). Oat and Grass Seed Germination and Nitrogen and Sulfur Emissions Following Biosolids Incorporation With High-Carbon Wood-Ash. Water Environment Federation 12th Annual Residuals and Biosolids Management Conference Proceedings. Lecture conducted from Bellevue Washington.

Rosenfeld, P.E., C.L. Henry, R. B. Harrison, and R. Dills. (1997). Comparison of Odor Emissions From Three Different Biosolids Applied to Forest Soil. *Soil Science Society of America*. Lecture conducted from Anaheim California.

Teaching Experience:

UCLA Department of Environmental Health (Summer 2003 through 20010) Taught Environmental Health Science 100 to students, including undergrad, medical doctors, public health professionals and nurses. Course focused on the health effects of environmental contaminants.

National Ground Water Association, Successful Remediation Technologies. Custom Course in Sante Fe, New Mexico. May 21, 2002. Focused on fate and transport of fuel contaminants associated with underground storage tanks.

National Ground Water Association; Successful Remediation Technologies Course in Chicago Illinois. April 1, 2002. Focused on fate and transport of contaminants associated with Superfund and RCRA sites.

California Integrated Waste Management Board, April and May, 2001. Alternative Landfill Caps Seminar in San Diego, Ventura, and San Francisco. Focused on both prescriptive and innovative landfill cover design.

UCLA Department of Environmental Engineering, February 5, 2002. Seminar on Successful Remediation Technologies focusing on Groundwater Remediation.

University Of Washington, Soil Science Program, Teaching Assistant for several courses including: Soil Chemistry, Organic Soil Amendments, and Soil Stability.

U.C. Berkeley, Environmental Science Program Teaching Assistant for Environmental Science 10.

Academic Grants Awarded:

California Integrated Waste Management Board. $41,000 grant awarded to UCLA Institute of the Environment. Goal: To investigate effect of high carbon wood ash on volatile organic emissions from compost. 2001.

Synagro Technologies, Corona California: $10,000 grant awarded to San Diego State University.
Goal: investigate effect of biosolids for restoration and remediation of degraded coastal sage soils. 2000.

King County, Department of Research and Technology, Washington State. $100,000 grant awarded to University of Washington: Goal: To investigate odor emissions from biosolids application and the effect of polymers and ash on VOC emissions. 1998.

Northwest Biosolids Management Association, Washington State. $20,000 grant awarded to investigate effect of polymers and ash on VOC emissions from biosolids. 1997.

James River Corporation, Oregon: $10,000 grant was awarded to investigate the success of genetically engineered Poplar trees with resistance to round-up. 1996.

United State Forest Service, Tahoe National Forest: $15,000 grant was awarded to investigating fire ecology of the Tahoe National Forest. 1995.

Kellogg Foundation, Washington D.C. $500 grant was awarded to construct a large anaerobic digester on St. Kitts in West Indies. 1993

Deposition and/or Trial Testimony:

In the United States District Court For The District of New Jersey
Duarte et al, *Plaintiffs,* vs. United States Metals Refining Company et. al. *Defendant.*
Case No.: 2:17-cv-01624-ES-SCM
Rosenfeld Deposition. 6-7-2019

In the United States District Court of Southern District of Texas Galveston Division
M/T Carla Maersk, *Plaintiffs,* vs. Conti 168., Schiffahrts-GMBH & Co. Bulker KG MS "Conti Perdido" *Defendant.*
Case No.: 3:15-CV-00106 consolidated with 3:15-CV-00237
Rosenfeld Deposition. 5-9-2019

In The Superior Court of the State of California In And For The County Of Los Angeles – Santa Monica
Carole-Taddeo-Bates et al., vs. Ifran Khan et al., Defendants
Case No.: No. BC615636
Rosenfeld Deposition, 1-26-2019

In The Superior Court of the State of California In And For The County Of Los Angeles – Santa Monica
The San Gabriel Valley Council of Governments et al. vs El Adobe Apts. Inc. et al., Defendants
Case No.: No. BC646857
Rosenfeld Deposition, 10-6-2018; Trial 3-7-19

In United States District Court For The District of Colorado
Bells et al. Plaintiff vs. The 3M Company et al., Defendants
Case: No 1:16-cv-02531-RBJ
Rosenfeld Deposition, 3-15-2018 and 4-3-2018

In The District Court Of Regan County, Texas, 112th Judicial District
Phillip Bales et al., Plaintiff vs. Dow Agrosciences, LLC, et al., Defendants
Cause No 1923
Rosenfeld Deposition, 11-17-2017

In The Superior Court of the State of California In And For The County Of Contra Costa
Simons et al., Plaintiffs vs. Chevron Corporation, et al., Defendants
Cause No C12-01481
Rosenfeld Deposition, 11-20-2017

In The Circuit Court Of The Twentieth Judicial Circuit, St Clair County, Illinois
Martha Custer et al., Plaintiff vs. Cerro Flow Products, Inc., Defendants
Case No.: No. 0i9-L-2295
Rosenfeld Deposition, 8-23-2017

In The Superior Court of the State of California, For The County of Los Angeles
Warrn Gilbert and Penny Gilber, Plaintiff vs. BMW of North America LLC
Case No.: LC102019 (c/w BC582154)
Rosenfeld Deposition, 8-16-2017, Trail 8-28-2018

In the Northern District Court of Mississippi, Greenville Division
Brenda J. Cooper, et al., *Plaintiffs,* vs. Meritor Inc., et al., *Defendants*
Case Number: 4:16-cv-52-DMB-JVM
Rosenfeld Deposition: July 2017

In The Superior Court of the State of Washington, County of Snohomish
Michael Davis and Julie Davis et al., Plaintiff vs. Cedar Grove Composting Inc., Defendants
Case No.: No. 13-2-03987-5
Rosenfeld Deposition, February 2017
Trial, March 2017

In The Superior Court of the State of California, County of Alameda
Charles Spain., Plaintiff vs. Thermo Fisher Scientific, et al., Defendants
Case No.: RG14711115
Rosenfeld Deposition, September 2015

In The Iowa District Court In And For Poweshiek County
Russell D. Winburn, et al., Plaintiffs vs. Doug Hoksbergen, et al., Defendants
Case No.: LALA002187
Rosenfeld Deposition, August 2015

In The Iowa District Court For Wapello County
Jerry Dovico, et al., Plaintiffs vs. Valley View Sine LLC, et al., Defendants
Law No,: LALA105144 - Division A
Rosenfeld Deposition, August 2015

In The Iowa District Court For Wapello County
Doug Pauls, et al.,, et al., Plaintiffs vs. Richard Warren, et al., Defendants
Law No,: LALA105144 - Division A
Rosenfeld Deposition, August 2015

In The Circuit Court of Ohio County, West Virginia
Robert Andrews, et al. v. Antero, et al.
Civil Action N0. 14-C-30000
Rosenfeld Deposition, June 2015

In The Third Judicial District County of Dona Ana, New Mexico
Betty Gonzalez, et al. Plaintiffs vs. Del Oro Dairy, Del Oro Real Estate LLC, Jerry Settles and Deward DeRuyter, Defendants
Rosenfeld Deposition: July 2015

In The Iowa District Court For Muscatine County
Laurie Freeman et. al. Plaintiffs vs. Grain Processing Corporation, Defendant
Case No 4980
Rosenfeld Deposition: May 2015

In the Circuit Court of the 17th Judicial Circuit, in and For Broward County, Florida
Walter Hinton, et. al. Plaintiff, vs. City of Fort Lauderdale, Florida, a Municipality, Defendant.
Case Number CACE07030358 (26)
Rosenfeld Deposition: December 2014

In the United States District Court Western District of Oklahoma
Tommy McCarty, et al., Plaintiffs, v. Oklahoma City Landfill, LLC d/b/a Southeast Oklahoma City Landfill, et al. Defendants.
Case No. 5:12-cv-01152-C
Rosenfeld Deposition: July 2014

In the County Court of Dallas County Texas
Lisa Parr et al, *Plaintiff*, vs. Aruba et al, *Defendant.*
Case Number cc-11-01650-E
Rosenfeld Deposition: March and September 2013
Rosenfeld Trial: April 2014

In the Court of Common Pleas of Tuscarawas County Ohio
John Michael Abicht, et al., *Plaintiffs,* vs. Republic Services, Inc., et al., *Defendants*
Case Number: 2008 CT 10 0741 (Cons. w/ 2009 CV 10 0987)
Rosenfeld Deposition: October 2012

In the United States District Court of Southern District of Texas Galveston Division
Kyle Cannon, Eugene Donovan, Genaro Ramirez, Carol Sassler, and Harvey Walton, each Individually and on behalf of those similarly situated, *Plaintiffs,* vs. BP Products North America, Inc., *Defendant.*
Case 3:10-cv-00622
Rosenfeld Deposition: February 2012
Rosenfeld Trial: April 2013

In the Circuit Court of Baltimore County Maryland
Philip E. Cvach, II et al., *Plaintiffs* vs. Two Farms, Inc. d/b/a Royal Farms, Defendants
Case Number: 03-C-12-012487 OT
Rosenfeld Deposition: September 2013

EXHIBIT C

SWAPE Technical Consultation, Data Analysis and Litigation Support for the Environment

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Email: mhagemann@swape.com

Matthew F. Hagemann, P.G., C.Hg., QSD, QSP

Geologic and Hydrogeologic Characterization
Industrial Stormwater Compliance
Investigation and Remediation Strategies
Litigation Support and Testifying Expert
CEQA Review

Education:

M.S. Degree, Geology, California State University Los Angeles, Los Angeles, CA, 1984.
B.A. Degree, Geology, Humboldt State University, Arcata, CA, 1982.

Professional Certifications:

California Professional Geologist
California Certified Hydrogeologist
Qualified SWPPP Developer and Practitioner

Professional Experience:

Matt has 25 years of experience in environmental policy, assessment and remediation. He spent nine years with the U.S. EPA in the RCRA and Superfund programs and served as EPA's Senior Science Policy Advisor in the Western Regional Office where he identified emerging threats to groundwater from perchlorate and MTBE. While with EPA, Matt also served as a Senior Hydrogeologist in the oversight of the assessment of seven major military facilities undergoing base closure. He led numerous enforcement actions under provisions of the Resource Conservation and Recovery Act (RCRA) while also working with permit holders to improve hydrogeologic characterization and water quality monitoring.

Matt has worked closely with U.S. EPA legal counsel and the technical staff of several states in the application and enforcement of RCRA, Safe Drinking Water Act and Clean Water Act regulations. Matt has trained the technical staff in the States of California, Hawaii, Nevada, Arizona and the Territory of Guam in the conduct of investigations, groundwater fundamentals, and sampling techniques.

Positions Matt has held include:

- Founding Partner, Soil/Water/Air Protection Enterprise (SWAPE) (2003 – present);
- Geology Instructor, Golden West College, 2010 – 2014;
- Senior Environmental Analyst, Komex H2O Science, Inc. (2000 -- 2003);

- Executive Director, Orange Coast Watch (2001 – 2004);
- Senior Science Policy Advisor and Hydrogeologist, U.S. Environmental Protection Agency (1989–1998);
- Hydrogeologist, National Park Service, Water Resources Division (1998 – 2000);
- Adjunct Faculty Member, San Francisco State University, Department of Geosciences (1993 – 1998);
- Instructor, College of Marin, Department of Science (1990 – 1995);
- Geologist, U.S. Forest Service (1986 – 1998); and
- Geologist, Dames & Moore (1984 – 1986).

Senior Regulatory and Litigation Support Analyst:

With SWAPE, Matt's responsibilities have included:

- Lead analyst and testifying expert in the review of over 100 environmental impact reports since 2003 under CEQA that identify significant issues with regard to hazardous waste, water resources, water quality, air quality, Valley Fever, greenhouse gas emissions, and geologic hazards. Make recommendations for additional mitigation measures to lead agencies at the local and county level to include additional characterization of health risks and implementation of protective measures to reduce worker exposure to hazards from toxins and Valley Fever.
- Stormwater analysis, sampling and best management practice evaluation at industrial facilities.
- Manager of a project to provide technical assistance to a community adjacent to a former Naval shipyard under a grant from the U.S. EPA.
- Technical assistance and litigation support for vapor intrusion concerns.
- Lead analyst and testifying expert in the review of environmental issues in license applications for large solar power plants before the California Energy Commission.
- Manager of a project to evaluate numerous formerly used military sites in the western U.S.
- Manager of a comprehensive evaluation of potential sources of perchlorate contamination in Southern California drinking water wells.
- Manager and designated expert for litigation support under provisions of Proposition 65 in the review of releases of gasoline to sources drinking water at major refineries and hundreds of gas stations throughout California.
- Expert witness on two cases involving MTBE litigation.
- Expert witness and litigation support on the impact of air toxins and hazards at a school.
- Expert witness in litigation at a former plywood plant.

With Komex H2O Science Inc., Matt's duties included the following:

- Senior author of a report on the extent of perchlorate contamination that was used in testimony by the former U.S. EPA Administrator and General Counsel.
- Senior researcher in the development of a comprehensive, electronically interactive chronology of MTBE use, research, and regulation.
- Senior researcher in the development of a comprehensive, electronically interactive chronology of perchlorate use, research, and regulation.
- Senior researcher in a study that estimates nationwide costs for MTBE remediation and drinking water treatment, results of which were published in newspapers nationwide and in testimony against provisions of an energy bill that would limit liability for oil companies.
- Research to support litigation to restore drinking water supplies that have been contaminated by MTBE in California and New York.

- Expert witness testimony in a case of oil production-related contamination in Mississippi.
- Lead author for a multi-volume remedial investigation report for an operating school in Los Angeles that met strict regulatory requirements and rigorous deadlines.

- Development of strategic approaches for cleanup of contaminated sites in consultation with clients and regulators.

Executive Director:

As Executive Director with Orange Coast Watch, Matt led efforts to restore water quality at Orange County beaches from multiple sources of contamination including urban runoff and the discharge of wastewater. In reporting to a Board of Directors that included representatives from leading Orange County universities and businesses, Matt prepared issue papers in the areas of treatment and disinfection of wastewater and control of the discharge of grease to sewer systems. Matt actively participated in the development of countywide water quality permits for the control of urban runoff and permits for the discharge of wastewater. Matt worked with other nonprofits to protect and restore water quality, including Surfrider, Natural Resources Defense Council and Orange County CoastKeeper as well as with business institutions including the Orange County Business Council.

Hydrogeology:

As a Senior Hydrogeologist with the U.S. Environmental Protection Agency, Matt led investigations to characterize and cleanup closing military bases, including Mare Island Naval Shipyard, Hunters Point Naval Shipyard, Treasure Island Naval Station, Alameda Naval Station, Moffett Field, Mather Army Airfield, and Sacramento Army Depot. Specific activities were as follows:

- Led efforts to model groundwater flow and contaminant transport, ensured adequacy of monitoring networks, and assessed cleanup alternatives for contaminated sediment, soil, and groundwater.
- Initiated a regional program for evaluation of groundwater sampling practices and laboratory analysis at military bases.
- Identified emerging issues, wrote technical guidance, and assisted in policy and regulation development through work on four national U.S. EPA workgroups, including the Superfund Groundwater Technical Forum and the Federal Facilities Forum.

At the request of the State of Hawaii, Matt developed a methodology to determine the vulnerability of groundwater to contamination on the islands of Maui and Oahu. He used analytical models and a GIS to show zones of vulnerability, and the results were adopted and published by the State of Hawaii and County of Maui.

As a hydrogeologist with the EPA Groundwater Protection Section, Matt worked with provisions of the Safe Drinking Water Act and NEPA to prevent drinking water contamination. Specific activities included the following:

- Received an EPA Bronze Medal for his contribution to the development of national guidance for the protection of drinking water.
- Managed the Sole Source Aquifer Program and protected the drinking water of two communities through designation under the Safe Drinking Water Act. He prepared geologic reports, conducted public hearings, and responded to public comments from residents who were very concerned about the impact of designation.

- Reviewed a number of Environmental Impact Statements for planned major developments, including large hazardous and solid waste disposal facilities, mine reclamation, and water transfer.

Matt served as a hydrogeologist with the RCRA Hazardous Waste program. Duties were as follows:

- Supervised the hydrogeologic investigation of hazardous waste sites to determine compliance with Subtitle C requirements.
- Reviewed and wrote "part B" permits for the disposal of hazardous waste.
- Conducted RCRA Corrective Action investigations of waste sites and led inspections that formed the basis for significant enforcement actions that were developed in close coordination with U.S. EPA legal counsel.
- Wrote contract specifications and supervised contractor's investigations of waste sites.

With the National Park Service, Matt directed service-wide investigations of contaminant sources to prevent degradation of water quality, including the following tasks:

- Applied pertinent laws and regulations including CERCLA, RCRA, NEPA, NRDA, and the Clean Water Act to control military, mining, and landfill contaminants.
- Conducted watershed-scale investigations of contaminants at parks, including Yellowstone and Olympic National Park.
- Identified high-levels of perchlorate in soil adjacent to a national park in New Mexico and advised park superintendent on appropriate response actions under CERCLA.
- Served as a Park Service representative on the Interagency Perchlorate Steering Committee, a national workgroup.
- Developed a program to conduct environmental compliance audits of all National Parks while serving on a national workgroup.
- Co-authored two papers on the potential for water contamination from the operation of personal watercraft and snowmobiles, these papers serving as the basis for the development of nation-wide policy on the use of these vehicles in National Parks.
- Contributed to the Federal Multi-Agency Source Water Agreement under the Clean Water Action Plan.

Policy:

Served senior management as the Senior Science Policy Advisor with the U.S. Environmental Protection Agency, Region 9. Activities included the following:

- Advised the Regional Administrator and senior management on emerging issues such as the potential for the gasoline additive MTBE and ammonium perchlorate to contaminate drinking water supplies.
- Shaped EPA's national response to these threats by serving on workgroups and by contributing to guidance, including the Office of Research and Development publication, Oxygenates in Water: Critical Information and Research Needs.
- Improved the technical training of EPA's scientific and engineering staff.
- Earned an EPA Bronze Medal for representing the region's 300 scientists and engineers in negotiations with the Administrator and senior management to better integrate scientific principles into the policy-making process.
- Established national protocol for the peer review of scientific documents.

Geology:

With the U.S. Forest Service, Matt led investigations to determine hillslope stability of areas proposed for timber harvest in the central Oregon Coast Range. Specific activities were as follows:

- Mapped geology in the field, and used aerial photographic interpretation and mathematical models to determine slope stability.
- Coordinated his research with community members who were concerned with natural resource protection.
- Characterized the geology of an aquifer that serves as the sole source of drinking water for the city of Medford, Oregon.

As a consultant with Dames and Moore, Matt led geologic investigations of two contaminated sites (later listed on the Superfund NPL) in the Portland, Oregon, area and a large hazardous waste site in eastern Oregon. Duties included the following:

- Supervised year-long effort for soil and groundwater sampling.
- Conducted aquifer tests.
- Investigated active faults beneath sites proposed for hazardous waste disposal.

Teaching:

From 1990 to 1998, Matt taught at least one course per semester at the community college and university levels:

- At San Francisco State University, held an adjunct faculty position and taught courses in environmental geology, oceanography (lab and lecture), hydrogeology, and groundwater contamination.
- Served as a committee member for graduate and undergraduate students.
- Taught courses in environmental geology and oceanography at the College of Marin.

Matt taught physical geology (lecture and lab and introductory geology at Golden West College in Huntington Beach, California from 2010 to 2014.

Invited Testimony, Reports, Papers and Presentations:

Hagemann, M.F., 2008. Disclosure of Hazardous Waste Issues under CEQA. Presentation to the Public Environmental Law Conference, Eugene, Oregon.

Hagemann, M.F., 2008. Disclosure of Hazardous Waste Issues under CEQA. Invited presentation to U.S. EPA Region 9, San Francisco, California.

Hagemann, M.F., 2005. Use of Electronic Databases in Environmental Regulation, Policy Making and Public Participation. Brownfields 2005, Denver, Coloradao.

Hagemann, M.F., 2004. Perchlorate Contamination of the Colorado River and Impacts to Drinking Water in Nevada and the Southwestern U.S. Presentation to a meeting of the American Groundwater Trust, Las Vegas, NV (served on conference organizing committee).

Hagemann, M.F., 2004. Invited testimony to a California Senate committee hearing on air toxins at schools in Southern California, Los Angeles.

Brown, A., Farrow, J., Gray, A. and **Hagemann, M.**, 2004. An Estimate of Costs to Address MTBE Releases from Underground Storage Tanks and the Resulting Impact to Drinking Water Wells. Presentation to the Ground Water and Environmental Law Conference, National Groundwater Association.

Hagemann, M.F., 2004. Perchlorate Contamination of the Colorado River and Impacts to Drinking Water in Arizona and the Southwestern U.S. Presentation to a meeting of the American Groundwater Trust, Phoenix, AZ (served on conference organizing committee).

Hagemann, M.F., 2003. Perchlorate Contamination of the Colorado River and Impacts to Drinking Water in the Southwestern U.S. Invited presentation to a special committee meeting of the National Academy of Sciences, Irvine, CA.

Hagemann, M.F., 2003. Perchlorate Contamination of the Colorado River. Invited presentation to a tribal EPA meeting, Pechanga, CA.

Hagemann, M.F., 2003. Perchlorate Contamination of the Colorado River. Invited presentation to a meeting of tribal repesentatives, Parker, AZ.

Hagemann, M.F., 2003. Impact of Perchlorate on the Colorado River and Associated Drinking Water Supplies. Invited presentation to the Inter-Tribal Meeting, Torres Martinez Tribe.

Hagemann, M.F., 2003. The Emergence of Perchlorate as a Widespread Drinking Water Contaminant. Invited presentation to the U.S. EPA Region 9.

Hagemann, M.F., 2003. A Deductive Approach to the Assessment of Perchlorate Contamination. Invited presentation to the California Assembly Natural Resources Committee.

Hagemann, M.F., 2003. Perchlorate: A Cold War Legacy in Drinking Water. Presentation to a meeting of the National Groundwater Association.

Hagemann, M.F., 2002. From Tank to Tap: A Chronology of MTBE in Groundwater. Presentation to a meeting of the National Groundwater Association.

Hagemann, M.F., 2002. A Chronology of MTBE in Groundwater and an Estimate of Costs to Address Impacts to Groundwater. Presentation to the annual meeting of the Society of Environmental Journalists.

Hagemann, M.F., 2002. An Estimate of the Cost to Address MTBE Contamination in Groundwater (and Who Will Pay). Presentation to a meeting of the National Groundwater Association.

Hagemann, M.F., 2002. An Estimate of Costs to Address MTBE Releases from Underground Storage Tanks and the Resulting Impact to Drinking Water Wells. Presentation to a meeting of the U.S. EPA and State Underground Storage Tank Program managers.

Hagemann, M.F., 2001. From Tank to Tap: A Chronology of MTBE in Groundwater. Unpublished report.

Hagemann, M.F., 2001. Estimated Cleanup Cost for MTBE in Groundwater Used as Drinking Water. Unpublished report.

Hagemann, M.F., 2001. Estimated Costs to Address MTBE Releases from Leaking Underground Storage Tanks. Unpublished report.

Hagemann, M.F., and VanMouwerik, M., 1999. Potential Water Quality Concerns Related to Snowmobile Usage. Water Resources Division, National Park Service, Technical Report.

VanMouwerik, M. and **Hagemann, M.F**. 1999, Water Quality Concerns Related to Personal Watercraft Usage. Water Resources Division, National Park Service, Technical Report.

Hagemann, M.F., 1999, Is Dilution the Solution to Pollution in National Parks? The George Wright Society Biannual Meeting, Asheville, North Carolina.

Hagemann, M.F., 1997, The Potential for MTBE to Contaminate Groundwater. U.S. EPA Superfund Groundwater Technical Forum Annual Meeting, Las Vegas, Nevada.

Hagemann, M.F., and Gill, M., 1996, Impediments to Intrinsic Remediation, Moffett Field Naval Air Station, Conference on Intrinsic Remediation of Chlorinated Hydrocarbons, Salt Lake City.

Hagemann, M.F., Fukunaga, G.L., 1996, The Vulnerability of Groundwater to Anthropogenic Contaminants on the Island of Maui, Hawaii. Hawaii Water Works Association Annual Meeting, Maui, October 1996.

Hagemann, M. F., Fukanaga, G. L., 1996, Ranking Groundwater Vulnerability in Central Oahu, Hawaii. Proceedings, Geographic Information Systems in Environmental Resources Management, Air and Waste Management Association Publication VIP-61.

Hagemann, M.F., 1994. Groundwater Characterization and Cleanup at Closing Military Bases in California. Proceedings, California Groundwater Resources Association Meeting.

Hagemann, M.F. and Sabol, M.A., 1993. Role of the U.S. EPA in the High Plains States Groundwater Recharge Demonstration Program. Proceedings, Sixth Biennial Symposium on the Artificial Recharge of Groundwater.

Hagemann, M.F., 1993. U.S. EPA Policy on the Technical Impracticability of the Cleanup of DNAPL-contaminated Groundwater. California Groundwater Resources Association Meeting.

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Other Experience:

Selected as subject matter expert for the California Professional Geologist licensing examination, 2009-2011.

Appendix B
Air Quality

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Appendix B1
Air Quality and Greenhouse Gas Technical Report

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To:	Victoria Edwards, Project Development Associate, CAISO Euismod Project LLC and Euismod Project I LLC
From:	James Ryan, Senior Air Quality Scientist Joseph Stenger, Principal III
Subject:	Air Quality and Greenhouse Gas Emissions Report, Euismod Project
Date:	June 10, 2026
Project No.:	552398

Executive Summary

TRC Solutions, Inc. utilized the California Emissions Estimator Model (CalEEMod) to evaluate potential criteria pollutant and greenhouse gas emissions associated with the proposed Euismod Project (the Project). Based on the results of the modeling, the estimated criteria pollutant and greenhouse gas emissions associated with construction of the Project will not exceed any of the Eastern Kern Air Pollution Control District (EKAPCD) Air Quality Significance Thresholds. Based on calculations of emissions associated with worker trips and maintenance activities, emissions from Project operations would also not exceed thresholds. Because construction and operational emissions will be below applicable thresholds, the Project is not expected to result in significant adverse impacts to regional or local air quality. Battery energy storage is a key component of local, state, and federal goals for reducing reliance on fossil fueled electric generation to reduce pollutants and greenhouse gas emissions and help limit climate change. By replacing dependency on fossil fuel sources of power during critical demand periods, the Project is expected to reduce greenhouse gas emissions by nearly 3,400,000 metric tons over its lifetime, resulting in a net beneficial impact to air quality.

1.0 Introduction

The Project consists of the construction and operation of an electric energy storage facility that will utilize lithium-ion batteries and ancillary equipment to store energy received from the electric grid and return it to the grid when needed. In addition to the energy storage facility, the Project will include two offsite electric tie-lines and interconnection infrastructure that will be constructed, owned and operated by Southern California Edison (SCE) for interconnecting the energy storage facility to the adjacent Whirlwind substation.

2.0 Project Description and Location

The Project site is located in the Willow Springs area of Kern County, an unincorporated, largely undeveloped area in the eastern part of the county. The closest developments are electrical transmission and communications infrastructure, renewable energy projects, and a few dispersed rural residences. The Project's only stationary source of emissions would be four diesel fired emergency generators that will operate in compliance with all applicable EKAPCD and CARB rules and regulations and will be permitted to construct and operate as required by EKAPCD Rule 202. A detailed project description, site layout, and location map are provided in Attachment 1.

3.0 Environmental Setting

The Project site is located within the jurisdiction of the EKAPCD. It is located on the western edge of the Mojave Desert, with surrounding mountain ranges that contain a limited number of passes that serve as transport corridors for pollutants, including Tehachapi Pass, connecting the western Mojave Desert to the southern San Joaquin Valley, and Soledad and Cajon Passes, connecting to the South Coast Air Basin[1]. Elevations across the Project site are relatively flat, ranging from approximately 2,970 to 3,760 feet above mean sea level. The region is characterized by a high desert climate with hot, dry summers with temperatures exceeding 95° F for approximately 60 to 70 days annually; minimal precipitation, particularly between June and September; and very low relative humidity[1]. These conditions contribute to pollutant formation, particularly for ozone.

Ambient Air Quality

The Clean Air Act (CAA) requires the U.S. Environmental Protection Agency (EPA) to set National Ambient Air Quality Standards (NAAQS) for six common air pollutants: oxides of nitrogen (NO_X), ozone (O_3), particulate matter (PM), carbon monoxide (CO), sulfur dioxide (SO_2), and lead (Pb). EPA calls these "criteria" air pollutants because it regulates them by developing health-based (primary) or environmentally based (secondary) standards. A description of these six criteria air pollutants, along with three other pollutants of interest, as well as their health effects, is provided in Attachment 5.

Greenhouse Gases

Certain gases in the earth's atmosphere, classified as greenhouse gases (GHGs), play a critical role in determining the earth's surface temperature. A GHG is any gas in the atmosphere that absorbs infrared radiation. The principal GHGs are CO_2, CH_4, N_2O, sulfur hexafluoride (SF_6), perfluorocarbons (PFCs), and hydrofluorocarbons (HFCs). A description of these GHGs is provided in Attachment 4.

Valley Fever

Valley Fever is an infection caused by inhalation of *Coccidioides immitus* (*C. immitus* or CI) fungus spores, mostly found in the Central Valley and Central Coast regions of California. The spores lie dormant in the soil until they are disturbed by wind, vehicles, or other ground-disturbing activities and become airborne. A summary of the health effects of Valley Fever is provided in Attachment 5.

Sensitive Receptors

Sensitive receptors are defined as populations more vulnerable to air pollutants, such as children, elderly individuals, and persons with respiratory or cardiovascular conditions. Typical sensitive land uses include residences, schools, hospitals, and daycare centers. There are no such land uses in the

[1] EKAPCD. 2023. 2023 Ozone Attainment Plan For The 2008 & 2015, 8-Hour Ozone National Ambient Air Quality Standards (NAAQS). Available online at http://www.kernair.org/Documents/Rules/2023%20Attainment%20Plan/EKAPCD_2023_Ozone_Plan_Adopted_5-4-23.pdf

Project area other than four locations that contain structures that may be residences located at the following distances northeast of the proposed Project site at closest approach:

- 646 feet – residence
- 941 feet – small structures
- 1,204 feet – residence or small business
- 1,279 feet – residence

No other potentially sensitive land uses have been identified within 5 miles of the Project site. As demonstrated in similar analyses of much larger projects, effects from emissions become negligible at such distances.[2]

4.0 Regulatory Setting

The federal Clean Air Act (42 United States Code Sections 7401-7675) is a comprehensive federal law that regulates air emissions from area, stationary, and mobile sources and requires the adoption of the standards to protect public health and welfare from the effects of air pollution. The United States Environmental Protection Agency (USEPA) is responsible for enforcement of federal air pollution control requirements.

Air quality is managed at a state level by the California Air Resources Board (CARB) and California Department of Transportation (Caltrans). CARB is the lead agency for climate change programs and oversees all air pollution control efforts in California to attain and maintain health-based air quality standards. Caltrans coordinates with Federal, State, and regional transportation planning agencies and local air districts to address transportation-related air quality issues. State air quality standards were established by the California Clean Air Act. National and state ambient air quality standards are presented in Table 1.

[2] For example, see Discovery Solar PV and Storage Project Draft Environmental Impact Report. Volume 3, Appendix C1, Table 11. HRA for Mitigated Construction Emissions. January 2026. https://psbweb.kerncounty.com/planning/pdfs/eirs/discovery_solar/deir/Discovery_Draft_EIR_Vol_3.pdf.

Table 1. California and National Ambient Air Quality Standards

Pollutant	Averaging Time	California Standards [1]		National Standards [2]		
		Concentration [3]	Method [4]	Primary [3,5]	Secondary [3,6]	Method [7]
Ozone (O_3) [8]	1 Hour	0.09 ppm (180 µg/m^3)	Ultraviolet Photometry	--	Same as Primary Standard	Ultraviolet Photometry
	8 Hour	0.070 ppm (137 µg/m^3)		0.070 ppm (137 µg/m^3)		
Respirable Particulate Matter (PM_{10}) [9]	24 Hour	50 µg/m^3	Gravimetric or Beta Attenuation	150 µg/m^3	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	20 µg/m^3		--		
Fine Particulate Matter ($PM_{2.5}$) [9]	24 Hour	--	--	35 µg/m^3	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	12 µg/m^3	Gravimetric or Beta Attenuation	9.9 µg/m^3	15.0 µg/m^3	
Carbon Monoxide (CO)	1 Hour	20 ppm (23 mg/m^3)	Non-Dispersive Infrared Photometry (NDIR)	35 ppm (40 mg/m^3)	--	Non-Dispersive Infrared Photometry (NDIR)
	8 Hour	9.0 ppm (10 mg/m^3)		9 ppm (10 mg/m^3)	--	
	8 Hour (Lake Tahoe)	6 ppm (7 mg/m^3)		--	--	
Nitrogen Dioxide (NO_2) [10]	1 Hour	0.18 ppm (339 µg/m^3)	Gas Phase Chemi-luminescence	100 ppb (188 µg/m^3)	--	Gas Phase Chemi-luminescence
	Annual Arithmetic Mean	0.030 ppm (57 µg/m^3)		53 ppb (100 µg/m^3)	Same as Primary Standard	
Sulfur Dioxide (SO_2) [11]	1 Hour	0.25 ppm (655 µg/m^3)	Ultraviolet Fluorescence	75 ppb (196 µg/m^3)	--	Ultraviolet Flourescence; Spectro-photometry (Pararosaniline Method)
	3 Hour	--		--	0.5 ppm (1300 µg/m^3)	
	24 Hour	0.04 ppm (105 µg/m^3)		0.14 ppm (for certain areas) [11]	--	
	Annual Arithmetic Mean	--		0.030 ppm (for certain areas) [11]	--	
Lead [12,13]	30 Day Average	1.5 µg/m^3	Atomic Absorption	--	--	High Volume Sampler and Atomic Absorption
	Calendar Quarter	--		1.5 µg/m^3 (for certain areas) [12]	Same as Primary Standard	
	Rolling 3-Month Average	--		0.15 µg/m^3		
Visibility Reducing Particles [14]	8 Hour	See footnote 14	Beta Attenuation and Transmittance through Filter Tape	No National Standards		
Sulfates	24 Hour	25 µg/m^3	Ion Chromatography			
Hydrogen Sulfide	1 Hour	0.03 ppm (42 µg/m^3)	Ultraviolet Fluorescence			
Vinyl Chloride [12]	24 Hour	0.01 ppm 0.02 (26 µg/m^3)	Gas Chromatography			

Source: https://ww2.arb.ca.gov/sites/default/files/2024-08/AAQS%20Table_ADA_FINAL_07222024.pdf

Footnotes for Table 1 California and National Ambient Air Quality Standards

1. California standards for ozone, carbon monoxide (except 8-hour Lake Tahoe), sulfur dioxide (1 and 24 hour), nitrogen dioxide, and particulate matter (PM10, PM2.5, and visibility reducing particles), are values that are not to be exceeded. All others are not to be equaled or exceeded. California ambient air quality standards are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.
2. National standards (other than ozone, particulate matter, and those based on annual arithmetic mean) are not to be exceeded more than once a year. The ozone standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over three years, is equal to or less than the standard. For PM10, 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 one. For PM2.5, the 24 hour standard is attained when 98 percent of the daily concentrations, averaged over three years, are equal to or less than the standard. Contact the U.S. EPA for further clarification and current national policies.
3. Concentration expressed first in units in which it was promulgated. Equivalent units given in parentheses are based upon 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.
4. Any equivalent measurement method which can be shown to the satisfaction of the ARB to give equivalent results at or near the level of the air quality standard may be used.
5. National Primary Standards: The levels of air quality necessary, with an adequate margin of safety to protect the public health.
6. National Secondary Standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.
7. Reference method as described by the U.S. EPA. An “equivalent method” of measurement may be used but must have a “consistent relationship to the reference method” and must be approved by the U.S. EPA.
8. On October 1, 2015, the national 8-hour ozone primary and secondary standards were lowered from 0.075 to 0.070 ppm.
9. On February 7, 2024, the national annual PM2.5 primary standard was lowered from 12.0 µg/m^3 to 9.0 µg/m^3. The existing national 24-hour PM2.5 standards (primary and secondary) were retained at 35 µg/m^3, as was the annual secondary standard of 15.0 µg/m^3. The existing 24-hour PM10 standards (primary and secondary) of 150 µg/m^3 also were retained. The form of the annual primary and secondary standards is the annual mean, averaged over 3 years.
10. To attain the 1-hour national standard, the 3-year average of the annual 98th percentile of the 1-hour daily maximum concentrations at each site must not exceed 100 ppb. Note that the national 1-hour standard is in units of parts per billion (ppb). California standards are in units of parts per million (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.
11. 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 1-hour national 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 one year after an area is designated for the 2010 standard, except that in areas designated nonattainment for the 1971 standards, the 1971 standards remain in effect until implementation plans to attain or maintain the 2010 standards are approved. Note that the 1-hour national standard is in units of parts per billion (ppb). California standards are in units of parts per million (ppm). To directly compare the 1-hour national standard to the California standard the units can be converted to ppm. In this case, the national standard of 75 ppb is identical to 0.075 ppm.
12. The ARB has identified lead and vinyl chloride as 'toxic air contaminants' 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.
13. The national standard for lead was revised on October 15, 2008 to a rolling 3-month average. The 1978 lead standard (1.5 µg/m^3 as a quarterly average) remains in effect until one 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.
14. In 1989, the ARB converted both the general statewide 10-mile visibility standard and the Lake Tahoe 30-mile visibility standard to instrumental equivalents, which are "extinction of 0.23 per kilometer" and "extinction of 0.07 per kilometer" for the statewide and Lake Tahoe Air Basin standards, respectively.

Air quality is managed at the regional level by the EKAPCD. The EKAPCD is responsible for monitoring air quality, and for planning, implementing, and enforcing programs designed to attain and maintain ambient air quality standards within its jurisdiction. Programs developed include air quality rules and regulations that regulate stationary source emissions, including area and point sources and certain mobile source emissions. The EKAPCD is also responsible for establishing permitting requirements and issuing permits for stationary sources and ensuring that new, modified, or relocated stationary sources do not create net emissions increases.

Additional information on federal, state, and local air quality regulations is provided in Attachment 6.

5.0 Regional and Local Air Quality Conditions

EKAPCD Attainment Status

At the federal level, the EKAPCD is designated as a severe nonattainment area for the 8-hour ozone standard. At the state level, the region is designated as a nonattainment area for the 1-hour ozone standard, 8-hour ozone standard, and the annual and 24-hour PM_{10} standards. The attainment classifications for criteria pollutants are presented in Table 2.

Table 2. EKAPCD Attainment Status

Pollutant	Designation/Classification	
	Federal Standards	**State Standards**
Ozone – 1 Hour	No Federal Standard	Nonattainment
Ozone – 8 Hour	Severe Nonattainment	Nonattainment
PM_{10}	Unclassifiable / Attainment	Nonattainment
$PM_{2.5}$	Unclassifiable / Attainment	Unclassified
Carbon Monoxide	Unclassifiable / Attainment	Unclassified
Nitrogen Dioxide	Unclassified	Attainment
Sulfur Dioxide	Unclassified	Attainment
Lead Particulates	Unclassifiable / Attainment	Attainment

Source: http://www.kernair.org/Main_Pages/Subpages/Info_Sub/Attainment.html

Local Ambient Air Quality

Local ambient air quality data from monitoring stations in the area is provided in Table 3.

Table 3. Local Ambient Air Quality Monitoring Data for the Years 2021-2023

Averaging Period	2021	2022	2023
Ozone (O_3) – Arvin-Di Giorgio, California Monitoring Station (AQS Site ID: 06-019-5002)			
1-hour Maximum Concentration (ppm)	0.106	0.110	0.109
Number of days exceeding CAAQS = 0.09 ppm	10	16	7
8-hour Maximum Concentration	0.095	0.091	0.095
Number of days exceeding CAAQS = 0.070 ppm	48	66	45
Number of days exceeding NAAQS = 0.070 ppm	48	66	45
Nitrogen Dioxide (NO_2) – Edison, California Monitoring Station (AQS Site ID: 06-029-0007)			
1-hour Maximum Concentration (ppb)	41.5	33.3	41.7
Number of days exceeding CAAQS = 180 ppb	0	0	0
Number of days exceeding NAAQS = 100 ppb	0	0	0
Annual Average Concentration (ppm) (53 ppb NAAQS)	5	5	4
Carbon Monoxide (CO) – Bakersfield-Muni, California Monitoring Station (AQS Site ID: 06-029-2012)			
1-hour Maximum Concentration (ppm)	2.8	1.5	1.6
Number of days exceeding CAAQS = 20 ppm	0	0	0
Number of days exceeding NAAQS = 35 ppm	0	0	0
8-hour Maximum Concentration (ppm)	1.3	0.9	0.9
Number of days exceeding CAAQS = 9 ppm	0	0	0
Number of days exceeding NAAQS = 9 ppm	0	0	0
Inhalable Particulate Matter (PM_{10}) – Bakersfield-Golden State Highway, California Monitoring Station (AQS Site ID: 06-029-0010)			
24-hour Maximum Concentration (µg/m^3)	175.0	64.7	236.3
Number of days exceeding CAAQS = 50 µg/m^3	25	178	146
Number of days exceeding NAAQS = 150 µg/m^3	1	0	1
Annual Avg. Concentration (µg/m^3) (20 µg/m^3 CAAQS)	*	*	*
Fine Particulate Matter ($PM_{2.5}$) – Bakersfield-Airport (Planz), California Monitoring Station (AQS Site ID: 06-029-0016)			
24-hour Maximum Concentration (µg/m^3)	70.5	55.6	58.8
Number of days exceeding NAAQS = 35 µg/m^3	17	13	3
Annual Avg. Concentration (µg/m^3) (12 µg/m^3 NAAQS)[1/]	20	16.1	12.4
Sulfur Dioxide (SO_2) – Los Angeles-North Main Street, California Monitoring Station (AQS Site ID: 06-037-1103)			
1-hour Maximum Concentration (ppb)[2/]	2.2	6.5	7.7
Number of days exceeding NAAQS = 75 ppb	0	0	0
24-hour Maximum Concentration (ppb)	1.2	1.2	2.3
Number of days exceeding NAAQS = 14 ppb	0	0	0
Annual Average Concentration (ppb) (30 ppb)	0.39	0.26	0.17

Notes: µg/m^3 – microgram per cubic meter; CAAQS – California Ambient Air Quality Standards; NAAQS – National Ambient Air Quality Standards; ppb – parts per billion; ppm – parts per million. 1/ Revised effective May 6, 2024 (89 Federal Register 16202, Reconsideration of the National Ambient Air Quality Standards for Particulate Matter).
2/ A 3-hour average secondary SO2 NAAQS of 0.5 ppm is not to be exceeded more than once per year. 3-hour average concentrations of SO2 were not readily available for the monitor. However, because the maximum 1-hour average concentrations are less than the 3-hour NAAQS, the area is meeting the 3-hour secondary NAAQS.
* Insufficient data available to determine the value.

Sources: https://www.epa.gov/outdoor-air-quality-data; https://ww2.arb.ca.gov/sites/default/files/2024-12/Staff_Report_PM2.5_Area_Designation_Recommendations_2024_Annual_PM2.5_NAAQS.pdf

6.0 Significance Criteria and Methodology

Significance Criteria

The Kern County CEQA Implementation Document and Kern County Environmental Checklist (updated in May 2019) identify the following criteria, as established in Appendix G of the State CEQA Guidelines, to determine if a project could potentially have a significant adverse effect related to air quality. A project is considered to have a significant air quality impact if it will:

- Conflict with or obstruct implementation of the applicable air quality plan.
- Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is nonattainment under applicable federal or state ambient air quality standards.
- Expose sensitive receptors to substantial pollutant concentrations.
- Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people.

The EKAPCD Guidelines for Implementation of the California Environmental Quality Act (CEQA) (last amended on July 1, 1999) establish quantitative criteria for evaluating the significance of project-level air quality impacts from criteria pollutants. The guidelines include annual project level criteria pollutant significance thresholds and a daily NO_x significance threshold for motor vehicle trips, which are provided in Table 4. The guidelines do not contain construction specific daily significance thresholds; therefore, project construction impacts were evaluated on an annual basis. With respect to greenhouse gas (GHG) emissions, the EKAPCD recommends a threshold of 25,000 metric tons (MT) of carbon dioxide equivalent per year[3]. Projects with emissions below this level are considered by the district to have a less than significant impact on climate change.

Table 4. EKAPCD Significance Thresholds

Pollutant	Threshold (tpy)
Oxides of Nitrogen (NO_x)*	25
Volatile Organic Compounds (VOCs)[4]	25
Particulate Matter (PM_{10})	15
Particulate Matter ($PM_{2.5}$)	15
Sulfur Dioxide (SO_2)	27
Carbon Monoxide (CO)	100
Carbon Dioxide (CO_2)	25,000 MT/year

*There is also a 137 lb/day NO_x significance threshold for motor vehicle trips

The Kern County Planning and Natural Resources Department also recommends performing a SCREEN3 or AERMOD modeling of maximum 24-hour average concentration of primary PM_{10}, $PM_{2.5}$ and odorous compounds at the Project boundary with comparison to NAAQS. The recommended Kern County Significant Impact Levels (SILs) presented in Table 5 reflect the threshold for which a project's emissions would not cause or significantly contribute to a violation of the NAAQS.

[3] Eastern Kern Air Pollution Control District Policy. 2012, March. Addendum to CEQA Guidelines Addressing GHG Emission Impacts For Stationary Source Projects When Serving As Lead CEQA Agency. *http://www.kernair.org/Documents/CEQA/EKAPCD%20CEQA%20GHG%20Policy%20Adopted%203-8-12.pdf*

[4] CARB's.definitions of VOC and ROG, available online at https://airknowledge.gov/ILT/PERM140/Current/CI/04PERM140_Handout2.pdf, defines both VOC and ROG as "any compound of carbon excluding CO, carbon dioxide, carbonic acid, metallic carbides or carbonates, and ammonium carbonate," with the exception that VOCs are compounds that participate in atmospheric photochemical reactions (CARB 2009). For the purposes of this analysis, ROG and VOC are considered comparable in terms of mass emissions and are therefore used interchangeably in this report.

Table 5. 24-hour PM_{10} and $PM_{2.5}$ Significant Impact Levels

Pollutant	PM_{10}	$PM_{2.5}$
SIL ($\mu g/m^3$)	5	1.2

$\mu g/m^3$ – microgram per cubic meter; PM_{10} – particulate matter less than 10 microns in diameter; $PM_{2.5}$ – particulate matter less than 2.5 microns in diameter; SIL – Significant Impact Level

The Kern County Planning and Natural Resources Department recommends performing a CO hotspot analysis for the following project conditions:

- Level of Service (LOS) of an intersection or roadway is identified as LOS E or worse;
- Signalization and/or channelization is added to an intersection; and
- Sensitive receptors such as residences, schools, hospitals, etc. are located in the vicinity of the affected intersection or signalization.

An LOS E roadway is characterized by unstable traffic flow at or near capacity levels with poor levels of comfort and convenience. A LOS F roadway is characterized by forced traffic flow in which the amount of traffic approaching a point exceeds the amount that can be served. LOS F is characterized by stop-and-go waves, poor travel times, low comfort and convenience, and increased accident exposure.

CEQA requires that an EIR evaluate a project's impacts combined with the impacts of other related past, present, and reasonably foreseeable future projects to determine if cumulative impacts would be significant. As set forth in the CEQA Guidelines, the discussion of cumulative impacts must reflect the severity of the impacts as well as the likelihood of their occurrence; however, the discussion need not be as detailed as the discussion of environmental impacts attributable to the project alone. As stated in CEQA, Title 14, Section 21083(b), "a project may have a significant effect on the environment if the possible effects of a project are individually limited but cumulatively considerable." A list and description of past, present, and reasonably foreseeable projects near the project can be found in Section 7.0.

Methodology

Potential air quality and GHG impacts associated with the Project are related to emissions generated during construction and operations. Project emissions were estimated using the California Emissions Estimator Model (CalEEMod; Version 2022.1.1.29), which incorporates region-specific data and is widely used for evaluating air quality and GHG impacts of land use development projects in California[5]. The model quantifies both direct emissions, such as those from construction equipment and vehicle use, and indirect emissions, including those associated with energy consumption, waste disposal, water use, and other project-related activities.

Construction emissions were based on a Project-specific schedule that included equipment types, duration, and daily operating hours, assuming a five-day workweek. Construction of the Project is expected to occur over a period of up to two years, with the highest emissions occurring during the first full year, in 2027, during construction of the North and South portions of the Project illustrated in Attachment 1. Accordingly, 2027 represents the maximum annual construction emissions year. For purposes of this analysis, it was conservatively assumed that construction activities in 2028 would generate the same level of emissions as those estimated for 2027. Vehicle trip emissions were estimated using a combination of CalEEMod default trip lengths and vehicle class data, along with Project-specific information for worker, vendor, hauling, and onsite truck trips. Fugitive dust control measures, including watering of exposed soil during active construction three times per day, watering of unpaved construction roads twice daily, and limiting vehicle speeds to 25 miles per hour on unpaved

[5] ICF. 2022, April. California Air Emissions Estimator Model (CalEEMod) User Guide. *https://www.caleemod.com/documents/user-guide/01_User%20Guide.pdf*

construction roads were incorporated into the model. Operational emissions were modeled based on operations activity, frequency of maintenance visits, equipment use, and vehicle trips. The estimates included site visits by maintenance personnel, augmentation installation, and visits by routine staffing. A detailed summary of equipment schedule and vehicle trips for construction and operations phases are included in Attachment 2. The CalEEMod Summary Report is provided as Attachment 3.

GHG emissions were calculated based on the direct emissions noted above, as well as on the indirect emissions produced due to power demand from the facility. Sources of this demand include power to provide climate control to battery systems and storage facilities, lighting, and other operational needs. Details regarding the sources of this demand are provided in Attachment 4.

A CO Hotspot analysis[5] is not needed since the Project is not considered a transportation project and is not nearby roadway intersections, highways, transit projects, parking lots, or intermodal terminals. CO hotspot analysis is typically conducted to assess the potential for elevated CO concentrations in areas with significant vehicular traffic and the Project will not have high traffic volumes, congestion, or idling vehicles.

The air dispersion modeling program AERMOD[6] was utilized to estimate worst-case fenceline PM_{10} and $PM_{2.5}$ concentrations for comparison to the SILs in Table 5. Total PM10 and PM2.5 emissions from exhaust and fugitive dust were input from CalEEMod (see Attachment 3).

7.0 Results

Construction Emissions

The CalEEMod estimated construction emissions do not exceed any of the current EKAPCD Air Quality Significance Thresholds as indicated in Table 6 below. There is also an EKAPCD 137 lbs/day NO_x significance threshold for vehicle trips which is not presented in Table 6, but the highest daily NO_x emissions from vehicle trips is estimated to be 8.52 lbs/day during construction (for both unmitigated and mitigated conditions). Therefore, Project construction emissions will not result in significant adverse air quality impacts to the regional air quality in the EKAPCD.

Table 6. Project Construction Regional Air Quality Impact Summary

Pollutant	EKAPCD Threshold (tons/year)	Maximum Project Construction Emissions (tons/year)[1,2]
NO_x	25	6.65
VOCs	25	0.93
PM_{10}	15	.33
$PM_{2.5}$	15	.52
SO_2	27	0.02
CO	100	10.05
CO_2e	25,000 MT/year	2,076 MT/year

[1]Includes watering of exposed soil during active construction three times per day, watering of unpaved construction roads twice daily, and limiting vehicle speeds to 25 miles per hour on unpaved construction roads.
[2]Maximum annual construction emissions to occur in 2027

[6] TRC, 2026. Construction Health Risk Assessment, Euismod Project LLC and Euismod Project I LLC, June 10.

Construction Fenceline Particulate Matter Concentrations

Table 7 shows that modeled 24-hour construction-related PM_{10} and $PM_{2.5}$ fenceline concentrations would be below Significant Impact Levels for both pollutants. Modeling included both exhaust and fugitive dust PM emissions.

Table 7. 24-hour PM_{10} and $PM_{2.5}$ Construction-Related Mitigated Emissions

Pollutant	PM_{10}	$PM_{2.5}$
Fenceline Concentration ($\mu g/m^3$)	3.93	0.57
SIL ($\mu g/m^3$)	5	1.2
Above the SIL?	**No**	**No**

$\mu g/m^3$ – microgram per cubic meter; PM_{10} – particulate matter less than 10 microns in diameter; $PM_{2.5}$ – particulate matter less than 2.5 microns in diameter; SIL – Significant Impact Level

Construction Decommissioning Emissions

Decommissioning emissions are expected to be similar to construction emissions, as the types of equipment and activities involved would be comparable. For the purpose of this analysis, decommissioning emissions were conservatively assumed to be equal to construction emissions. However, it is likely that future advances in construction equipment technology and emissions controls would result in lower emissions at the time of decommissioning, such as utilizing electric equipment in lieu of diesel or gasoline powered equipment. Some examples of zero-emission equipment that may be used include the Doosan DX300LC Electric Excavator[7], John Deere 310 X-Tier E-Power Backhoe[8], and Avant E6 Electric Compact Loader[5].

Construction GHG Emissions

The CalEEMod estimated GHG emissions from the Project construction is 1,907 metric tonnes (MT) of carbon dioxide equivalent emissions (CO_2e) per year, or 3,814 MT during the total two-year construction period. These emissions are below the EKAPCD threshold and are therefore considered less than significant.

Operation Emissions

Emissions during project operation would be generated directly from use of vehicles for maintenance visits, augmentation install activities, and periodic testing and maintenance of four 150 kW standby diesel generators, and indirectly from power used for battery cooling. These activities would result in criteria pollutant and GHG emissions shown in Table 8 below. These emissions are below EKAPCD thresholds and are therefore considered less than significant.

Table 8. Project Operations Regional Air Quality Impact Summary

Pollutant	EKAPCD Threshold (tpy)	Project Operations Emissions (tpy)
NO_x	25	0.09
VOCs	25	0.04
PM_{10}	15	0.08
$PM_{2.5}$	15	0.02
SO_2	27	0.001
CO	100	0.34
CO_2e	25,000 MT/year	89.49 MT/year

[7] EV Magazine. 2025, September. Top 10: Electric Construction Vehicles. https://evmagazine.com/top10/top-10-electric-construction-vehicles

[8] John Deere. 2026. Electrification, Construction. https://www.deere.com/en/our-company/electrification/construction/

A summary of the maximum (worst-case) unmitigated and mitigated emissions associated with Project construction and operations, along with applicable EKAPCD CEQA significance thresholds, is presented in Table 9.

Table 9. Project Unmitigated/Mitigated Regional Air Quality Impact Summary

Pollutant	EKCAPCD Threshold (tpy)	Construction		Operation	
		Unmitigated Emissions (tpy)	Mitigated Emissions (tpy)	Unmitigated Emissions (tpy)	Mitigated Emissions (tpy)
NO_x	25	6.65	6.65	0.09	0.09
VOCs	25	0.93	0.93	0.04	0.04
PM_{10}	15	6.75	.33	0.08	0.08
PM2.5	15	0.99	0.52	0.02	0.02
SO_2	27	0.02	0.02	0.001	0.001
CO	100	10.05	10.05	0.34	0.34
CO_2e	25,000 MT/year	2,076 MT/year	2,076 MT/year	90 MT/year	90 MT/year

When combined with operational emissions from equipment and auxiliary power, amortized construction emissions over a 35-year period, and projected amortized decommissioning emissions over the same period, the total annual GHG emissions associated with the Project would be approximately 1,170 MT of CO_2e per year, as summarized in Table 10. This combined annual total is well below the significance threshold of 25,000 MT of CO_2e per year. Therefore, total construction and operational GHG impacts would be less than significant.

Table 10. Estimated Annual Project Lifetime GHG Emissions

GHG Source Category	CO_2	CH_4	N_2O	CO_2e
	MT/year			
Operational GHG Emissions (Equipment)	88	0.00	0.00	89
Amortized Operational GHG Emissions (Auxiliary Power[1])	839	0.08	0.01	844
Amortized Construction GHG Emissions	117	0.00	0.01	119
Projected Amortized Decommissioning GHG Emissions	117	0.00	0.01	119
Total	1,161	0.09	0.03	1,170
EKAPCD's Significance Threshold	**-**	**-**	**-**	**25,000**

[1]See Attachment 4.

Although the project would emit a total of 1,170 MT CO_2e per year, these GHG emissions would be offset by reducing demand for power from the grid during peak demand periods that would otherwise be supplied by fossil-fueled power plants. The expected GHG emissions from the grid were calculated based on the default CalEEMod CO_2e emission factor for Southern California Edison (SCE) in 2027, 348.18 pounds of CO_2e per megawatt-hour (CalEEMod Guide 2022, Table G-3 User Guide Appendix G, Table G-3). Assuming that SCE would meet the California Executive Order B-55-18 carbon neutrality target in 2045, a linear regression of the SCE GHG emission factor was used to calculate grid emissions from 2027 to 2044. Since these emissions will decrease over this period, the Project would avoid less grid-related GHG emissions over time (Attachment 4). Since the Project is expected

to be operational through 2061, and no GHG emissions are expected from the grid after 2044; therefore, the Project would not reduce grid GHG emissions from 2045 through 2061. Based on these factors, the Project would avoid a total of 3,451,020 MT CO_2e from 2027 through 2044. Accounting for 35 years of operation, the Project itself would result in 40,964 MT CO_2e. Therefore, the Project would result in an estimated reduction of 3,410,056 MT CO_2e over its lifetime.

Localized impacts associated with diesel particulate matter emissions were evaluated separately in the Project's Health Risk Assessment[9]. The Project would not generate substantial odor emissions, as it does not involve land uses typically associated with odor generation, and no odor-sensitive receptors are located in close proximity.

Consistency with Air Quality Plans

Since all emissions would be below local, state, and federal thresholds, the Project would be consistent with applicable air quality plans established by the EKAPCD[10] and the California Air Resources Board (CARB)[11].

- The Project is consistent with the following EKAPCD ozone attainment plans because the Project will result in less-than-significant NO_x and VOC (ozone precursor) emissions:
    - 2003 Ozone Attainment Demonstration, Maintenance Plan and Redesignation Request
    - 2017 Ozone Attainment Plan
    - 2023 Ozone Attainment Plan
- The Project is consistent with the following CARB plans for the reasons stated below:
    - 2026 Extreme Ozone SIP Revision; State SIP Strategy – emissions of ozone precursors would be below EKAPCD thresholds
    - SIPs for the 9 ug/m^3 $PM_{2.5}$ Standard: $PM_{2.5}$ - emissions would be below EKAPCD thresholds
    - Mobile Source Strategy - NO_X emissions would be below EKAPCD thresholds
    - Statewide SIP Emissions Inventories; Infrastructure SIP:- emissions will not exceed NAAQS
    - Statewide Windblown Dust - dust control measures established by the EKAPCD will be implemented
- The Project is also consistent with these plans because:
    - Implementation of the Project would not result in additional growth beyond what was anticipated by the Kern County General Plan and incorporated into the AQMP.
    - The findings of the analysis conducted using Traffic Analysis Zones (TAZ)[12] show that no employment increase would occur beyond what is planned for the Project area.
    - The primary source of emissions from the Project would be from construction and operation vehicles that are licensed through the State and whose emissions are already incorporated into CARB's emissions inventory.

Cumulative Impacts

To assess potential cumulative air quality effects in the vicinity of the site, a review of aerial photographs (Figure 3 of Attachment 1) was conducted that identified no major existing emission sources within two miles of the Project site. In addition, a review of projects currently under consideration by Kern County and the EKAPCD (Table 11) did not identify any reasonably foreseeable future major emission sources

[9] Construction Health Risk Assessment, Euismod Project LLC and Euismod Project I LLC, June 9, 2026.
[10] https://ww2.arb.ca.gov/our-work/programs/california-state-implementation-plans/nonattainment-area-plans/eastern-kern-air
[11] https://ww2.arb.ca.gov/our-work/programs/california-state-implementation-plans/statewide-efforts
[12] https://www.arcgis.com/home/item.html?id=c96253ebcb3a454abb9e9da6e8c61441

within this area, with the exception of the Keyhole Wind Energy (KWE) project[13], a wind turbine energy development project that is located approximately six miles northwest of the Project site.

[13] AIR QUALITY IMPACT ANALYSIS Keyhole Wind Project Kern County, CA
https://psbweb.kerncounty.com/planning/pdfs/eirs/PacWind/pac_wind_add4_keyhole_wind_appB.pdf

Table 11. Cumulative Projects in the Project Area Identified by Kern County

Project Name and Permit Number	Project Address	Distance from Euismod	Project Description	Case Type	Project Site APN	Acres	Project Status
Keyhole Wind Project[14] PLN21-02365	6242 LITTLE OAK CANYON RD, ROSAMOND, CA	6.4 miles northwest	To allow for the construction and operation of a wind energy facility and associated infrastructure to generate 100 MW with up to 45 wind turbines for renewable electrical energy on mostly undeveloped natural desert habitats, including areas with creosote bush scrub habitat similar to the Project Site at Keyhole Wind Project's lowest elevations.	CUP, GPA, ZCC, and Non-summary Vacation	Multiple	3	Approved Construction not started
Las Colinas Specific and Community Plan PLN24-00209	BRECKENRIDGE RD, BAKERSFIELD, CA	41.6 miles northwest	To allow for future development of mixed residential, commercial, industrial, and open space uses within the Breckenridge Hill area.	SPA, ZCC, CUP, Ag Preserve Exclusion	388-020-01, 358-030-14, 388-010-332, 388-020-02	652	In-Process
Bullhead Solar Facility[15] PLN21-01191	9678 DAWN RD, ROSAMOND, CA	7.8 miles northeast	To allow for the construction and operation of a solar facility and associated infrastructure, including telecommunications towers and internal roads, to generate up to 270 MW of renewable energy with a BESS storage capacity of 270 MW or 1,080 MWh. This project could develop approximately 2,000 acres of former agricultural lands and various scrub communities that provide wildlife habitat.	GPA, SPA, CUP, ZCC, Ag Preserve Exclusion, Non-summary Vacation	Multiple	25	Approved Construction status unknown
Rosamond Three	N/A	2.8 miles	To allow for the construction and operation	SPA and	359-140-	9	Preliminary

[14] Final Environmental Impact Report Addendum IV Keyhole Wind Energy. 2023. https://kernplanning.com/environmental-doc/pacific-wind-energy/
[15] Bullhead Solar Project Draft Environmental Impact Report. 2025. https://kernplanning.com/environmental-doc/bullhead-solar-project/

Project Name and Permit Number	Project Address	Distance from Euismod	Project Description	Case Type	Project Site APN	Acres	Project Status
Battery Energy Storage Project PLN25-00132		southeast	of BESS facility with a 65 MW or 260 MWh storage capacity and associated infrastructure. This project could develop approximately 40 acres of previously disturbed lands that provide wildlife habitat.	CUP	22, 359-140-23, 359-140-26, 359-140-27		Review Construction status unknown, but likely not started
Tumbleweed Energy Storage Project[16] PLN21-00001	11527 GASKELL RD, ROSAMOND, CA	5.6 miles southeast	To allow the construction and operation of a PV solar facility generating approximately 2 MW of electricity and approximately 125 MW of energy storage capacity. This project footprint is graded and planned future improvements at this Site will not have additional wildlife impacts.	ZCC and CUP	359-183-02	39	Approved Facility is in operation
Tumbleweed Energy Storage Project PLN24-00225	11527 GASKELL RD, ROSAMOND, CA	5.6 miles southeast	Modifying CUP to allow for the construction and operation of O&M building and cargo container. This project footprint is graded and planned future improvements at this Site will not have additional wildlife impacts.	CUP Modification	359-183-02	39	Approved Construction status unknown
Applicant: Ahmad Zaki PLN24-00146	N/A	5.7 miles southeast	CUP to allow for the construction and operation of a cemetery. This project site is on a parcel that was previously cleared of vegetation and is beginning to recolonize providing some wildlife habitat.	CUP	359-183-04	5	Approved Construction status unknown

APN = assessor parcel number
CUP = conditional use permit
GPA = General Plan amendment
GWh = gigawatt-hour
kW = kilowatt
MW = megawatt
MWh = megawatt-hour
SPA = Specific Plan amendment
ZCC = Zone Classification Change

[16] Tumbleweed Energy Storage Project Notice of Determination. 2023. https://ceqanet.lci.ca.gov/2019090215/7

As a worst-case scenario, it is assumed that the construction of the Keyhole project and the Euismod project would occur at the same time, and both projects would be operational at the same time. On this basis, cumulative emissions from the Euismod and KWE projects were calculated for each year from 2027 through 2061 and are summarized in Table 12. The results demonstrate that cumulative emissions of all criteria air pollutants and CO_2e remain below applicable EKAPCD significance thresholds for a single project in every year. Because the combined emissions from both projects do not exceed the thresholds established for a single project, the cumulative impact would not be considered significant.

Table 12. Combined Emissions from Proposed Project and KWE Project

Year	Project Phase	NO_X	VOCs	PM_{10}	$PM_{2.5}$	SO_2	CO	CO_2e
		Tons/ year						MT/ year
2027	Euismod Construction Emissions	6.65	0.93	2.33		0.52	0.02	10.05	2,076
	KWE Construction Emissions	5.01	0.75	2.46		0.61	0.02	7.12	217
	Total	11.66	1.68	4.79		1.13	0.04	17.17	2,293
2028	Euismod Construction Emissions	6.65	0.93	2.33		0.52	0.02	10.05	2,076
	KWE Construction Emissions	1.29	0.21	0.55		0.17	0.01	2.11	217
	Total	7.94	1.14	2.88		0.69	0.03	12.16	2,293
2029 - 2061	Euismod Operational Emissions	0.09	0.04	0.08		0.02	0.001	0.34	89
	KWE Operational Emissions	0.26	0.02	0.19		0.05	0.00	0.38	217
	Total	0.35	0.06	0.27		0.07	0.00	0.72	307
EKAPCD's Significance Threshold		25	25	15	15	27	100	25,000	
Significance Threshold Exceeded in Any Year?		No	No	No	No	No	No	No	

To consider potential cumulative effects of the Project on air quality in the region, emissions of the Project were compared with emissions in the San Joaquin Valley Air Basin (SJVAB) and in Kern County. Table 13 provides the emissions inventory for 202 in the SJVAB, and Table 14 provides the inventory for the Kern County portion of the basin.

Table 13. Emission Inventory SJVAB 2020 Projection

	ROG	NO_X	PM_{10}
Total Emissions (tpy)	143,744	115,209	234,151
Percent stationary sources	28%	55%	8%
Percent area-wide sources	53%	3%	89%
Percent mobile sources	18%	41%	2%
Percent natural sources	17%	<1%	1%
Total Stationary Source Emissions (tpy)	40,654	62,995	19,217
Total Area-Wide Source Emissions (tpy)	74,497	3,760	207,327
Total Mobile Source Emissions	25,806	47,747	4,442
Total Natural Source Emissions	788	657	3,165

Table 14. Emission Inventory SJVAB 2020 Projection – Kern County Portion

	ROG	NO_X	PM_{10}
Total Emissions (tpy)	32,952	38,610	35,613
Percent stationary sources	56%	74%	13%
Percent area-wide sources	25%	1%	83%
Percent mobile sources	18%	24%	2%
Percent natural sources	<1%	<1%	2%
Total Stationary Source Emissions (tpy)	18,287	28,492	4,588
Total Area-Wide Source Emissions (tpy)	8,417	518	29,459
Total Mobile Source Emissions (tpy)	5,971	9,461	810
Total Natural Source Emissions (tpy)	277	139	756

Table 15 compares the basin-wide and Kern County emissions with those of the proposed Project. The table demonstrates that Project emissions would be much less than a thousandth of a percent of emissions in either of these jurisdictions.

Table 15. Emission Projections – Euismod Project, Kern County, and SJVAB

	ROG	NO_X	PM_{10}
Euismod Project (tpy)	0.04	0.09	0.08
Kern County (tpy)	32,952	38,610	35,613
SJVAB	143,744	115,209	234,151
Euismod Percent of Kern County	<0.001%	<0.001%	<0.001%
Euismod Percent of SJVAB	<0.001%	<0.001%	<0.001%
Notes: The emission estimates for Kern County and the SJVAB are based on 2020 projections. The Euismod Project emission estimates are from the expected operational emissions in 2029-2061.			

8.0 Discussion and Recommendations

The results of the air quality and GHG analysis indicate that the Project would not result in significant adverse impacts during construction or operation. From the results provided in Section 7, both construction and operational emissions would be below applicable significance thresholds. In addition

to having less than significant direct impacts, the Project is consistent with broader state and federal goals to reduce reliance on fossil fuel-based electricity generation. By providing energy storage capacity, the Project would facilitate the integration of renewable energy resources and improve grid reliability, which is estimated to lead to a reduction of 3,410,732 MT CO_2e in GHG emissions over time.

The following questions are from CEQA Guidelines, Appendix G, III. AIR QUALITY.[17]

Would the project:

a) Conflict with or obstruct implementation of the applicable air quality plan?

For the specific reasons identified above in Section 7.0, the Project would not conflict with or obstruct implementation of any applicable air quality plan and would be consistent with applicable air quality plans.

b) 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?

As indicated in Tables 12-15, cumulative emissions at both local and regional levels would be well below levels that would be considered significant. Therefore, the Project will not result in a cumulatively considerable net increase of any criteria pollutant.

c) Expose sensitive receptors to substantial pollutant concentrations?

Table 7 in Section 7.0 demonstrates that concentrations of PM_{10} and $PM_{2.5}$ at the Project fenceline would not exceed Significant Impact Levels. The Health Risk Assessment (HRA) prepared for the Project[18] found that no receptor would be exposed to a risk greater than the one in one million cancer risk significance threshold. As shown in Figure 2 of the HRA, the maximum residential cancer risk at the closest potential residential receptor would be less than one in one million. Figure 3 of the HRA shows that there is no offsite location exceeding chronic hazard index significance threshold of 0.1. The maximum residential chronic hazard index is orders of magnitude below this threshold at all offsite locations.

d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

Diesel particulate matter (DPM) is the primary driver of health risk from construction activities. The HRA prepared for the project found that no significant exposure of sensitive receptors is anticipated. The Project does not include any uses identified as being associated with odors in CARB's Air Quality and Land Use Handbook.[19] Additionally, the Project is not located near any uses that are sensitive to odors and no other high odor producing use is near enough to the Project to create cumulative odor impacts.

[17] Public Resources Code 21000–21189) and the CEQA Guidelines (California Code of Regulations, Title 14, Division 6, Chapter 3, Sections 15000–15387). *https://leginfo.legislature.ca.gov/faces/billSearchClient.xhtml*
[18] Construction Health Risk Assessment, Euismod Project LLC and Euismod Project I LLC, June 9, 2026.
[19] California Environmental Protection Agency, California Air Resources Board. AIr Quality and Land Use Handbook: A Community Health Perspective. April 2005. ARB's Community Health: 2005-04-00 ARB's Air Quality and Landuse Handbook: A Community Health Perspective

9.0 Emissions Reduction Methods

Although the Project's air quality and GHG impact would be less than significant, several emission reduction methods are incorporated into the Project design and construction approach to minimize emissions. During construction, the contractor will be required to implement the following measures:

- Control fugitive dust emissions via watering of exposed soil during active construction three times per day, watering of unpaved construction roads twice daily, and limiting vehicle speeds to 25 miles per hour on unpaved construction roads.
- Maintain construction equipment in good working condition to ensure it is functioning as intended without performance degradation or maintenance issues.
- Minimize idling time for diesel-powered construction equipment by adhering to the 5-minute idling limit, consistent with California Air Resources Board (CARB) rules.
- Where feasible, new and lower-emission equipment may be used to further reduce emissions. Equipment must meet Tier 4 final emission standards where available, such as equipment utilizing diesel particulate filters (DPFs) and selective catalytic reduction (SCR) systems.

During operation, emissions would be minimized by:

- Scheduling vehicle trips to and from the site for maintenance activities efficiently to minimize travel.
- Operating emergency generators only for emergency purposes and periodic testing, and verifying their operation would comply with applicable EKAPCD requirements, including the use of ultra-low sulfur diesel fuel.

Attachment 1: Project Description and Facility Map

Attachment A

EUISMOD PROJECT DESCRIPTION

This Attachment provides a comprehensive description of the Euismod Project in support of the Euismod Project I LLC application to California Department of Fish and Wildlife for an incidental take permit for the construction, operation and decommissioning of the Euismod Project's North BESS Area described in Section 2.0, below.

1.0 OVERVIEW

1.1 Introduction

The Euismod Project (Project) is a proposed battery energy storage system (BESS) project with associated infrastructure, which will use lithium-ion batteries and ancillary equipment to store approximately 1,150 megawatts (MW) or 9,200 megawatt-hours (MWh) of electricity from the regional grid, to be supplied back as needed. The BESS facilities will be located on an approximate 120-acre Site (Site) in the unincorporated area of southeastern Kern County, California, as shown in Figure 1, *Project Vicinity Map*. A topographic map of the Site area is shown in Figure 2, *Project Location Map – Topographic.* The associated infrastructure will include battery energy storage arrays, collector substations, Supervisory Control and Data Acquisition (SCADA) Systems, microwave communications towers, operations & maintenance support buildings, climate-controlled permanent storage containers, onsite power infrastructure, roads and improved surfaces, two 230-kV overhead transmission lines to the Southern California Edison (SCE) Whirlwind Substation located on the adjacent parcels to the south of the Site, and a temporary laydown yard. These project components are described in further detail below in Section 2.0, *Proposed Project Facilities*. Project construction, operations, and decommissioning, respectively, are described in following Sections 3.0, *Construction Activities*, 4.0, *Operational Activities*, and 5.0, *Decommissioning*. The Site and the Project's two overhead electric lines are shown in Figure 3, *Project Location – Aerial*.

1.2 Project Objectives

The Applicant's Project objectives are:

- Establish a reliable, economically feasible, and commercially financeable energy storage facility of sufficient size to substantially contribute to State goals for storage capacity.
- Provide Kern County, the State of California, and Southern California Edison, with storage capacity that will assist in meeting obligations under California's Renewable Portfolio Standard Program. To achieve California's 2045 clean energy targets, the Public Utilities Commission has identified a need for 52 gigawatts of energy storage capacity.
- Use proven and established energy storage technology that is efficient with low maintenance requirements.
- Minimize the need for new infrastructure to connect the storage capacity to the grid.
- Site and design the project in an environmentally responsible manner.
- Locate the storage capacity close to an abundant source of renewable energy to optimize transmission efficiency.
- Utilize land that is commercially viable to secure.

- Develop an energy storage facility in Kern County that will support the economy by investing in the local community, providing green jobs to the County and California, and increase tax and fee revenue to the County.

2.0 PROPOSED PROJECT FACILITIES

The Project site is divided into three areas: the North BESS Area, which is the subject of this incidental take permit (ITP) application, and the South and West BESS Areas, for which separate ITP applications are being submitted. The three BESS areas are show in Figure 4, *Proposed Overall Site Plan*, and include the following features described in additional detail in following subsections:

- The **South BESS Area** will include battery energy storage arrays, SCADA systems, a microwave communication tower, an O&M building; storage containers, site power infrastructure, water infrastructure, site control and security infrastructure, roads and improved surfaces, and a temporary laydown yard on an approximate 40.19 acre parcel. The South BESS Area will provide storage for 400 MW for 8 hours (3.2 gigawatt-hours).
- The **North BESS Area** will include battery energy storage arrays, a collector substation, SCADA systems, an O&M building; storage containers, site power infrastructure, water infrastructure, site control and security infrastructure, roads and improved surfaces spanning across four parcels totaling approximately 30.3 acres. The North BESS area will provide storage capacity for 300 MW for 8 hours (2.4 gigawatt-hours).
- The **West BESS Area** will include battery energy storage arrays, a collector substation, SCADA systems, a microwave communication tower, an O&M building; storage containers, site power infrastructure, water infrastructure, site control and security infrastructure, roads and improved surfaces spanning across five parcels totaling approximately 49.96 acres. The West BESS Area will provide storage capacity for 450 MW for 8 hours (3.6 gigawatt-hours).

All equipment, facilities, and infrastructure be designed in accordance with all applicable codes and regulatory standards in effect at the time of application. Facilities are further described in the following sections.

2.1 Battery Energy Storage Arrays

As shown in Figure 4, *Proposed Overall Site Plan*, the Project will be occupied mostly by arrays of outdoor enclosures housing batteries and other electrical equipment, with paved driveways/fire lanes throughout the arrays. Enclosures will be purpose-built and free-standing approximately twelve feet or less in height. In addition to battery enclosures, bi-directional medium voltage (MV) transformers, also in purpose-built enclosures, and voltage converters will be arranged throughout the battery arrays, and underground cables will connect the MV transformers to the collector substations. Battery enclosures spacing within the array areas will follow National Fire Protection Association (NFPA) Standard 855 requirements, Kern County Fire Department requirements, and manufacturer specifications. Battery enclosures will be set back a minimum of 50 feet from property lines.

Equipment manufacturing, construction, and operations will include comprehensive measures to ensure safe equipment installation and operation. Each battery module and battery enclosure are inspected and tested at the manufacturer's facility. Each enclosure will be inspected for damage at the Site prior to installation and testing. Once installed, tested, and in operational mode, each battery module will be

continuously monitored for electrical current, voltage, and temperature to optimize performance and mitigate potential failures. Batteries performing out of specification will be immediately taken offline by the automated monitoring system. The system will be designed and constructed to comply with all applicable codes in effect in the County including NFPA Standards, National Electrical Code, and California Fire Code. The proposed project will be constructed to meet all Kern County Fire Department requirements including gate access, onsite road design, fire hydrants, safety equipment, and other fire safety requirements. An 8-foot-high chain link fence with security wire will be provided around the proposed project's perimeter and will be continuously monitored for security. The design includes an incident command post for staging, assessing, and monitoring in the event of a battery fire onsite. The final location will be subject to approval by the Kern County Fire Department.

NFPA 855 standards are designed specifically to mitigate risks for electric energy storage facilities including BESS. Enclosures will be equipped with fire prevention, detection, and isolation methods and materials. At a minimum, this will include smoke/fire detection sensors; ground fault detection, alarms, and systems for automatic shutdown of cooling fans and opening of electrical contacts in the battery system. Battery enclosures will be located a minimum of 50 feet from the Site boundaries and will be spaced in accordance with NFPA 855 requirements designed to minimize risk of a fire spreading to adjacent enclosures. NFPA 855 also requires comprehensive safety planning submittals to the local fire authority including results of bench-scale fire and explosion testing by the manufacturer and hazard mitigation analysis for the specific type of battery used, and an Emergency Response Plan designed to ensure well-planned, prompt, safe, and appropriate response in the event of an emergency. The Emergency Response Plan will also comply with California Senate Bill (SB) 38. These submittals will be made to the Fire Department after the specific equipment is selected and prior to issuance of building permits. NFPA 855 additionally mandates initial and annual refresher training for onsite employees, and the Project owners will coordinate with the Fire Department to facilitate site-specific Fire Department training.

2.2 Collector Substations

The North BESS Area and the West BESS Area each will have an onsite collector substation with three bi-directional transformers to convert between MV and high voltage for connection to the electric grid. Each collector substation will include 220 and 34.5 kV bus work, circuit breakers, disconnect switches, instrument transformers, metering transformers, three 220/34.5 kV bi-directional transformers, two auxiliary transformers for station service, a control house with relay protection, a supervisory control and data acquisition (SCADA) system, and a telemetry system. Most of the onsite substation structures and equipment will be less than 40 feet high. The collector substation in the North BESS area would include an H-Frame dead-end structure up to 80 feet high and shield wires spanning from the top over other substation equipment. The tie-line would take off from the H-frame structure within the substation and then extend south supported by three tubular steel structures up to 140 feet high to span through the South BESS area, with the southmost structure inside the South BESS area being the point of change in ownership (POCO). The collector substation in the West BESS area would include a tubular steel pole dead-end structure up to 140 feet high with shield wires spanning from the pole top downward over other substation equipment. The dead-end pole structure would be the POCO for the tie-line from the West BESS area. From both the POCO structures, the tie-lines described in further detail in Section 2.11, *SCE Tie-Line and Substation Improvements*, would pass overhead across the proposed project site boundary directly onto SCE-owned property between the proposed project site and the Whirlwind Substation. The collector

substation frameworks and transmission line support structures will be galvanized or otherwise finished with a low-reflective surface. The POCO pole structure for both interconnections would be within the proposed project site and would belong to the respective project proponent and SCE would construct, own, and operate the tie-line extending from the POCO across the proposed project site boundary to the interconnection point at the Whirlwind Substation 220 kV bus.

2.3 Supervisory Control and Data Acquisition System (SCADA)

Each of the collector substations will have a SCADA system. The SCADA systems will aggregate all information from the BESS, inverters, transformers, breakers, Fire Alarm Control Panel (FACP), and tie-lines. The SCADA systems will also communicate with the transmission service provider, grid operator and the proposed project's remote Operations Center. The SCADA systems can also control critical site functions, including charge/discharge, breaker status, and total project output.

2.4 Microwave Communication Towers

The proposed project will require two microwave communications towers, which will be located adjacent to each of the collector substations. The microwave communications towers are necessary for remote communications with the CAISO, and other outside parties. They will provide the antennae an unobstructed line-of-sight to microwave sites at other strategic geographic locations, allowing signals to be repeated from the sites for the reliable transmission of high-capacity data signals. The towers will be equipped with a cable ladder for routing and antenna transmission lines. There will also be a safety-climbing ladder with fall-arrest devices and cables in conformance with State and County requirements, as well as chain-link security fencing around the base of the microwave communication towers to prevent unauthorized access. The tower areas will be finished with gravel surfacing and a compacted gravel access route needed for potential maintenance needs.

2.5 O&M Buildings

The proposed project will include a total of three Operations and Maintenance (O&M) buildings, all being approximately 1,200 square feet in size, located at each of the designated BESS areas (South, North, and West). The preliminary plan is for each building to include several offices, a conference room for employees, contractors, and vendors, a breakroom, and sanitary facilities. Parking spaces will be provided adjacent to each of the buildings.

2.6 Storage Containers

Up to eight climate-controlled, permanent storage containers will be provided in each BESS Area for spare parts. These facilities are intended to support ongoing operations and maintenance by ensuring secure and accessible storage of critical components.

2.7 Site Power Infrastructure

Onsite power for operations will be provided via station service transformers located at the collector substations. The proposed project infrastructure will also include diesel-fired generators to provide backup power for critical functions. Preliminary planning is for two 150 kW diesel fired generators at each of the two collector substations, each equipped with a 500-gallon fuel tank.

2.8 Water Infrastructure

Onsite water infrastructure will include water tanks distributed through the Site, including an aboveground 10,000 to 30,000-gallon tank located adjacent to the incident command post near 170th Street West. Dedicated firewater storage will be provided to meet Kern County Fire Department requirements. A water tank with a co-located groundwater well will be located in each of the three BESS areas to supply fire protection water and water supply for the O&M building.

2.9 Site Control and Security Infrastructure

The Site will be closed to public access with secure gates. Paved driveways will provide access from 170th Street West and signs identifying the BESS facility will be provided at entrance gates. Onsite roads, access gates, and fire hydrants will be designed in accordance with the Kern County Fire Department requirements. The North and South BESS areas will be surrounded by a common perimeter fence, and the West BESS area will have its own perimeter fence. A Knox rapid access system will be provided at gates for fire department access. Roads will be designed for two-way circulation of onsite traffic, which will be minimal, consisting of visits by the proposed project's employees, contractors, and vendors providing periodic maintenance and monitoring. Shielded, downward-directed night-lighting will be provided for safety and security. All lighting will be required to conform to applicable County Dark Skies Ordinance requirements. A detailed lighting plan will be required prior to issuance of building permits. Motion-sensitive cameras and other monitoring equipment may also be installed. Cameras may be mounted on poles up to 20 feet in height.

2.10 Roads and Improved Surfaces

The final finished grade throughout the developed portion of the Site will consist of stable improved surfaces including asphalt paved roads meeting fire department requirements, concrete footings and slabs, stabilized stormwater control systems, and gravel surfacing encompassing other areas.

Drainage onsite will be managed in shallow rip-rap ditches with culverts at road crossings and surface impoundments to control peak flows in accordance with County requirements. Approximately 16.3 acres of the Site are not planned for development. Areas not planned for development will be left undisturbed.

2.11 SCE Tie-Line and Substation Improvements

SCE will design, construct, own, and operate the tie-line extending from the respective POCO pole across the Site boundary to the interconnection point at the Whirlwind Substation 220 kV bus. The following description of anticipated SCE facilities is preliminary and subject to change.

The electric tie-lines will extend overhead from the POCO across the proposed project boundary directly into SCE-owned property between the Site and the Whirlwind Substation. SCE may construct the tie-lines as either single-circuit (three conductors) or double-circuit (six conductors) using poles or lattice towers to support the overhead lines. The preliminary design for the east tie-line includes three steel tower or pole structures approximately 140 feet high on SCE property between the Site and the Whirlwind Substation interconnection. The preliminary design of the west tie-line includes up to five steel tower or pole structures on SCE property between the Site and the point of interconnection with three approximately 140 feet high and two higher structures or poles that will be less than 200 feet high. The higher structures will be needed to achieve required vertical clearances over existing transmission

lines. Fiberoptic cables between the collector substations and the Whirlwind Substation will also be needed, and will either be overhead, underground, or both. Within the existing Whirlwind Substation, each of the tie-lines will require installation of facilities for new 220 kV switchrack and line positions to terminate the tie-lines and telecommunications infrastructure. A preliminary scope description for the tie-lines extending from the South and West BESS Areas is provided in the Table below.

Preliminary SCE Interconnection Work Scope Summary

Transmission Work
• Install a new 220kV generation tie-line from the POCO in the South BESS area to a new 220kV substation rack inside SCE's Whirlwind Substation. o Install conductors and shield wire from the POCO to the new 220kV substation rack inside SCE's Whirlwind Substation. o Install three tubular steel poles or towers from SCE's Whirlwind Substation rack to the POCO. Height will be compatible with the height of the POCO structure. • Install a new 220kV generation tie-line from the POCO in the West BESS area to a new 220kV substation rack inside SCE's Whirlwind Substation. o Install conductors and shield wire from the POCO to the new 220kV substation rack inside SCE's Whirlwind Substation. o Install five tubular steel poles or towers from SCE's Whirlwind Substation rack to the POCO. Height will be compatible with the height of the POCO structure and required crossings.
Whirlwind Substation Work
For each Tie-Line: • Install a new 220kV switchrack position to terminate the new generation tie line. • Install one approximately 65-foot-high steel dead-end structure at 220kV position 5N. o Install three 220kV coupling capacitor voltage transformers (CCTV) on new steel pedestal structures. Connect CCVTs using one 650 kilo circular mils (kCMIL) aluminum conductor steel reinforced)ACSR) conductor per phase. o Install new pull boxes with terminal blocks and make-before-break (MBB) switches at the CCVT structures. o Install three 220kV surge arresters on new steel pedestal structures. Connect surge arresters using one 605kCMIL ACSR conductor per phase. o Install three 220kV line drops with tie down support structure. Connect the line drop to the disconnect switches using three 1590kCMIL ACSR conductors per phase. o Install new homerun cables to the new CCVTs. o Land ground wire and optical and ground wire (OPGW) at the top of approximately the 65-foot-high dead-end structure. • Install one 220kV line position. o Install two 220kV, 4000A, 50kA circuit breakers 4052 & 5052 with the circuit breaker mechanism facing away from the cable trench. o Install four 220kV, 4000A, horizontal group-operated disconnect switches on new steel structures. Equip the north line switch with a ground switch. o Equip the position with three 1590kCMIL ACSR conductors per phase. Install all required bus support structures and all conductor spacers. o Install two operator interface cabinets for the new circuit breakers. The operator interface cabinets will be fabricated by the contractor.

- Install new homerun cables for the new circuit breakers.
- Install fourteen 220kV bus support post insulators.
- Install foundation, conduit, grounding, homerun, and power cables.
- Install four conductor supports with pedestals.

Telecommunications Work

For Each Tie-Line:

- Install two new underground diverse fiber optic line routes from Whirlwind Substation to new meet-me manholes outside of Whirlwind Substation fence line.
  - Route 1:
    - Install new 2-5-inch underground conduit and fiber.
    - Install one approximately 4-foot by 4-foot by 6-foot manhole "meet-me" structure outside the southwest fence line of Whirlwind Substation.
  - Route 2:
    - Install new 2-5-inch underground conduit and fiber.
    - Install one approximately 4-foot by 4-foot by 6-foot manhole "meet-me" structure outside the north fence line of Whirlwind Substation.

2.12 Temporary Laydown Yard

An approximately three acre temporary laydown area will be needed for project construction. The temporary laydown area will be located adjacent to the driveway near 170th Street West. The laydown area will be temporarily fenced and secured during construction and will be used for temporary storage of materials and equipment.

3.0 CONSTRUCTION ACTIVITIES

Construction of the proposed project is expected to last for approximately 2 years and will initiate once the Project owners receive all of the necessary permits and agency approvals. The preliminary construction plan is for construction to begin in the North and South areas and commercial operations to begin first in the South Area while construction continues in other areas. At peak construction, the proposed project is expected to require approximately 150 onsite construction workers. The proposed project will utilize union labor, with wages at or above Internal Revenue Service (IRS) standards for prevailing wages, and will comply with the Occupational Safety and Health Administration (OSHA) Standards during and after the construction phase. Additionally, the National Fire Protection Association (NFPA) 70E Standards for hot electrical work will be strictly adhered to and enforced.

Construction will proceed with clearing, grubbing, and grading managed to minimize the area of active disturbance at any given time. Surfaces will be stabilized promptly once grading in the area is complete. Extensive grading will not be required due to the existing grading levels at the Site close to the planned finish grades needed for construction and control of stormwater drainage. Final grading will be designed to achieve a cut and fill balance. Grading will be completed using common construction equipment such as water trucks, bulldozers, loaders, haul trucks and graders. Rough grading will include conditioning foundation areas as needed to achieve proper and consistent compaction in the subgrade and over the rough graded surface and achieving a cut/fill balance. Finish grading will consist of bringing the ground surface elevation contours to final grade with a gentle slope for positive drainage. Grading in the

flood zone will be minimized and designed for no net fill and to avoid impact to flood flows. The BESS equipment will not be located in the flood zone. Staging for construction will occur within the areas to be developed and within an approximately three acre temporary staging area near 170th Street West.

Following grading, the foundations (concrete or pile) for the BESS and associated infrastructure will be installed. In the BESS arrays, smaller equipment such as DC converters and SCADA systems will be supported on concrete foundations. Batteries and MV transformers will be supported by piles or concrete foundations. Piles will be vibrated or screwed into place. Concrete foundation installation will consist of excavation as needed, installing forms, installing reinforcing steel, structural inspection, and then concrete pouring and finishing. Forms will be removed in following days after the concrete has hardened. Concrete will be purchased from an offsite supplier and trucked to the Site. No onsite batch plant is anticipated. Equipment placement and MV underground duct bank installation will begin after the equipment foundations have been placed and concrete adequately cured. Cranes will be used to lift equipment enclosures from delivery trucks onto foundations and then the enclosures will be secured in place. Trenchers or backhoes will be used to excavate and backfill ditches for installation of conduit and underground cabling to connect the equipment. Once underground conductors are installed, connections will completed and then inspected. The onsite collector substation and SCE interconnection improvements will overlap with the BESS installation and will be scheduled to accommodate testing and commissioning prior to the scheduled commercial operations date. Installation of foundations, equipment, underground duct banks, construction of the collector substation, and interconnection improvements will use conventional earthmoving and building equipment such as cement trucks, water trucks, truck-mounted drills, dump trucks, loader/backhoes, bobcats, man-lifts, and cranes. SCE will be responsible for all construction within the Whirlwind Substation and the gen-tie lines between the Whirlwind Substation and the POCOs.

During project construction, water will be required for common construction-related purposes, including but not limited: dust suppression, soil compaction, and grading. The overall construction water usage is anticipated to be approximately 55 acre-feet during the 2 year construction period. Construction water will be from onsite wells supplemented by water purchased from local water purveyors. Water trucks will be kept onsite and used to control fugitive dust in accordance with the Eastern Kern County Air Pollution Control District (APCD) requirements. The project owners will require construction contractors to comply with all applicable APCD requirements during construction including, but not limited to, Rule 402 for control of fugitive dust. A Fugitive Dust Emission Control Plan will be submitted to APCD for approval prior to groundbreaking.

The designated temporary staging and parking area for construction will occur onsite near active work areas as development progresses. Temporary bulk fuel storage will be provided onsite for construction with secondary containment. Sanitary facilities for construction will be provided via portable self-contained units maintained by a licensed contractor. Staging and parking for SCE's construction is expected to occur within currently developed SCE property at the Whirlwind Substation.

Electric power for construction onsite will be provided by portable generators since there is no electric distribution line nearby and the voltage of nearby transmission is too high to be of practical use. Portable generators will conform with APCD requirements.

All constructed electrical equipment will be inspected and tested as appropriate prior to energizing. Construction will be required to follow all applicable local, state, and federal safety regulations and a full-time safety professional will be present onsite to monitor and implement a comprehensive project-specific safety program. Construction will be subject to requirements of the State General Permit for stormwater discharges from construction sites including implementation of a Storm Water Pollution Prevention Plan (SWPPP) with Best Management Practices (BMPs) developed by a California Qualified SWPPP Developer and implemented by a Qualified SWPPP Practitioner. The Project will be required to comply with the General Permit until it is demonstrated to the Regional Water Quality Control Board (RWQCB) that surface stabilization is complete, and a Notice of Termination is accepted.

4.0 OPERATIONAL ACTIVITIES

The anticipated operational life is 35 years. The proposed project is designed for remote operation and will be available to charge or discharge electric energy year-round, 24 hours per day, seven days per week. A comprehensive monitoring and security system will be included. Installed infrastructure at the Whirlwind Substation, the gen-tie lines between the Whirlwind Substation and the POCO, and SCE control and metering equipment within the collector substations will be operated and maintained by SCE. The Project owners will be responsible for operation and maintenance of all onsite facilities, except for SCE control and metering equipment within the collector substations.

An estimated two to six full-time employees will be routinely onsite for operations. In addition, the Project may require approximately four to six part-time employees for periodic maintenance. The O&M building will provide offices, a conference room, a break room, and sanitary facilities for onsite employees, vendors, and contractors.

During operation, it is anticipated that water will be required for flushing and filling the firewater tanks as well as O&M building use. Water consumption during operations is expected to be less than 2 acre-feet per year. During operations, the water used is anticipated to be from onsite wells or purchased from a local water purveyor.

Replacement, repair, or augmentation of systems will occur as needed within the Site. Maintenance will occasionally generate spent batteries that will be returned to the battery manufacturer for recycling. Other equipment may also require replacement from time-to-time and will be removed from the Site and recycled or disposed of in accordance with applicable State regulations for waste management.

5.0 DECOMMISSIONING

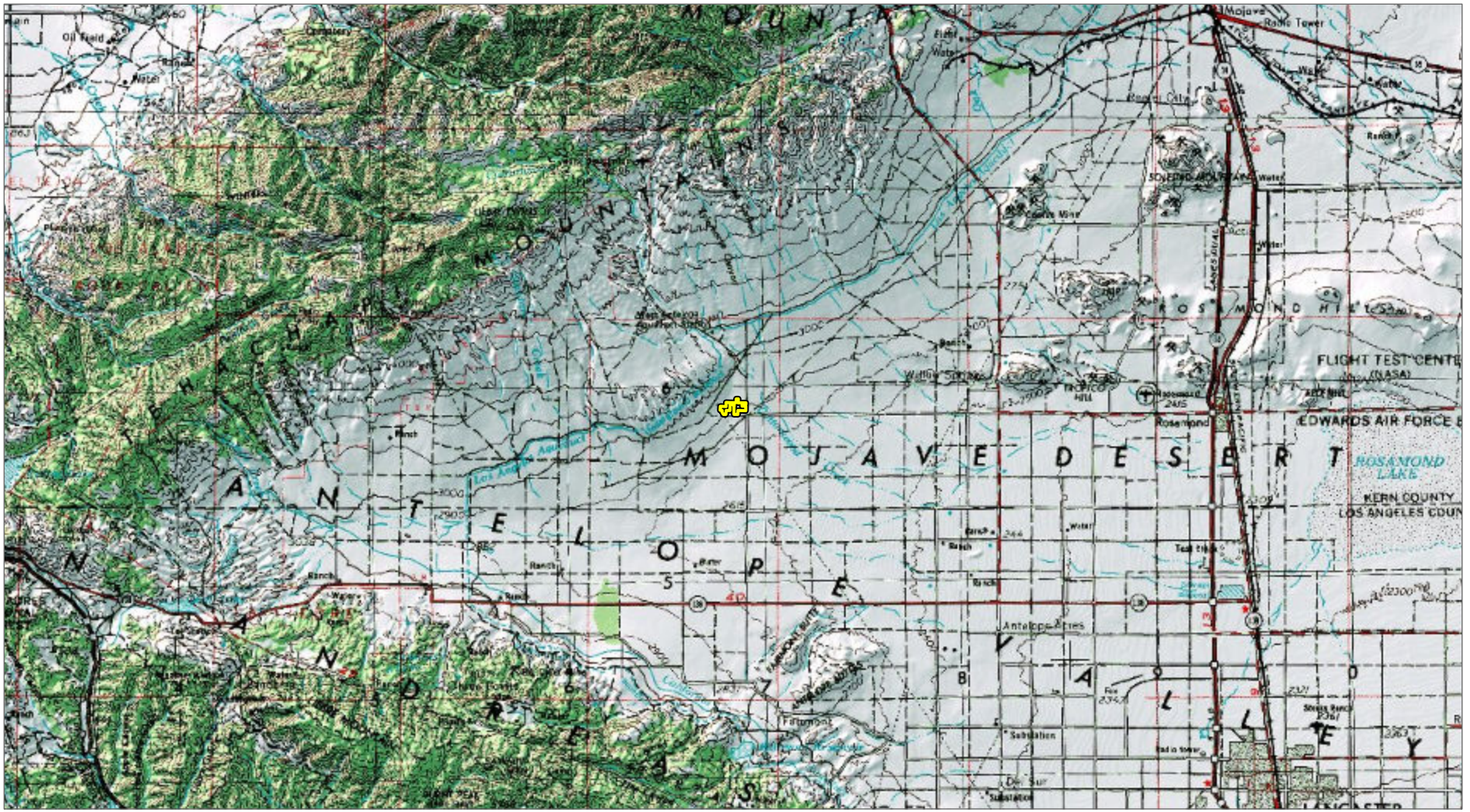
If not repowered at the end of the operating life, then the proposed project would be decommissioned, and the project components, including the BESS facility would be removed from the Site. Disturbed areas from the removal of the Project components would be stabilized. The Site could then be converted to other uses in accordance with applicable land use regulations in effect at that time. A decommissioning plan would be developed and would adhere to the requirements of the appropriate governing authorities as well as all applicable local, state, and federal requirements and BMPs.

The decommissioning would include removal of above-grade facilities, buried electrical conduit, and concrete and pile foundations. Equipment would be repurposed off-site, recycled, or disposed of in a landfill as appropriate under State regulations. Most material generated would be recyclable metals, concrete, and electrical equipment. Some or most battery components would be recycled, and other components may be disposed of as hazardous waste, depending on available technology. Li-ion and lithium-iron phosphate batteries and their constituent parts would likely be recycled. Some batteries may have the capacity to be reused at the end of the operating life of the proposed project.

Decommissioning activities would be primarily within the proposed project's security fence, which will be among the last components to be removed. Decommissioning would take up to approximately 12 months to complete and would occur in the following phases:

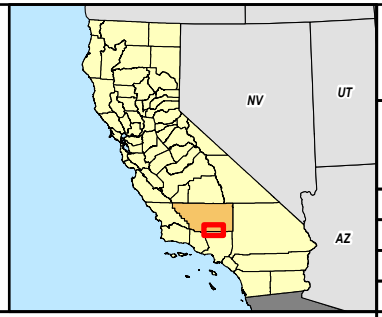
- Phase 1 – Shutting down the systems and removing hazardous materials and wiring;
- Phase 2 – Removing the battery storage enclosures, inverters, and substations; and
- Phase 3 – Removing foundations, fencing and driveways, and surface stabilization. Disturbed areas would be stabilized as soon as practical as decommissioning progresses across the Site.

Decommissioning would involve the use of heavy equipment similar to that used for construction, although likely with a generally smaller equipment fleet. Appropriate hazardous materials control and erosion control measures would be used throughout the decommissioning process. It is anticipated that such controls would be substantially similar to those implemented during construction.



LEGEND

PROJECT SITE



BASE MAP: USGS TOPOGRAPHIC SERVICE LAYER
DATA SOURCES: TRC, RINCON, USGS

0 12,500 25,000 FEET

1:300,000 1" = 25,000'

PROJECT:
EUISMOD PROJECT
KERN COUNTY, CALIFORNIA

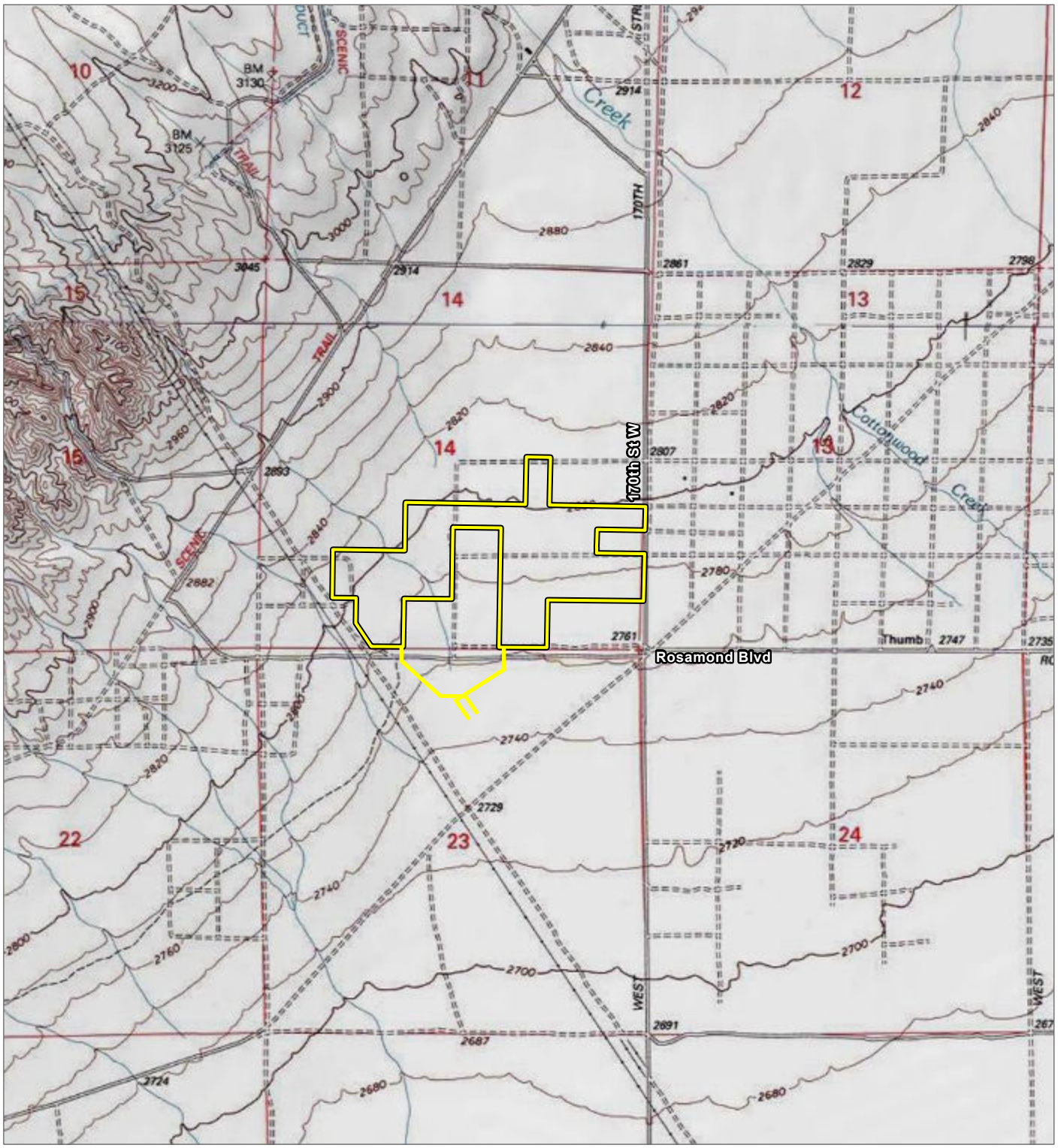
TITLE:
PROJECT VICINITY MAP

DRAWN BY:	A. CLINE	PROJ. NO.:	552398
CHECKED BY:	H. GEDDIE		
APPROVED BY:	J. STENGER		**FIGURE 1**
DATE:	NOVEMBER 2025		

TRC
6 EXECUTIVE CIRCLE
SUITE 200
IRVINE, CA 92614
PHONE: 949.727.9336

FILE: 552398_EUISMOD_BIOSURVEY

COORDINATE SYSTEM: NAD 1983 STATEPLANE CALIFORNIA V FIPS 0405 FEET. MAP ROTATION: 0
SAVED BY: ACLINE ON 11/13/2025, 12:26:43 PM. FILE PATH: T:\1_PROJECTS\AYPA_POWER\552398_EUISMOD_MWRLMIND\2_APRX\552398_EUISMOD_BIOSURVEY.APRX. LAYOUT NAME: FIGURE 1 PROJECT VICINITY MAP



LEGEND

PROJECT SITE

ELECTRIC TIE-LINE

BASE MAP: USGS TOPOGRAPHIC SERVICE LAYER
7.5' QUADRANGLE : FAIRMONT BUTTE (34118-G4)
DATA SOURCES: TRC

N

0 1,000 2,000

FEET

1:24,000 1" = 2,000'



PROJECT:

EUISMOD PROJECT
KERN COUNTY, CALIFORNIA

TITLE:

PROJECT LOCATION MAP
TOPOGRAPHIC

DRAWN BY:	A. CLINE	PROJ. NO.:	552398
CHECKED BY:	H. GEDDIE		
APPROVED BY:	J. STENGER		**FIGURE 2**
DATE:	FEBRUARY 2026		

TRC
6 EXECUTIVE CIRCLE
SUITE 200
IRVINE, CA 92614
PHONE: 949.727.9336

FILE: 552398_EUISMOD_BIOSURVEY

COORDINATE SYSTEM: NAD 1983 STATEPLANE CALIFORNIA V FIPS 0405 FEET: MAP ROTATION: 0
-- SAVED BY: ACLINE ON 2/26/2026, 15:22:35 PM; FILE PATH: T:\1-PROJECTS\AYPA_POWER\552398_EUISMOD_WHIRLWIND\2-APRX\552398_EUISMOD_BIOSURVEYAPRX; LAYOUT NAME: FIGURE 2 PROJECT LOCATION_TOPOGRAPHIC



LEGEND

PROJECT SITE

ELECTRIC TIE-LINE

BASE MAP: GOOGLE EARTH AERIAL IMAGERY SERVICE LAYER
AERIAL DATE: 10/2024
DATA SOURCES: TRC, GOOGLE

N

0 1,000 2,000

FEET

1:24,000 1" = 2,000'



PROJECT:

EUISMOD PROJECT
KERN COUNTY, CALIFORNIA

TITLE:

PROJECT LOCATION MAP
AERIAL

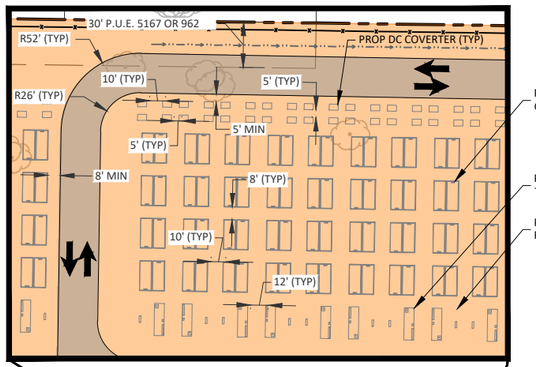
DRAWN BY:	A. CLINE	PROJ. NO.:	552398
CHECKED BY:	H. GEDDIE		
APPROVED BY:	J. STENGER		**FIGURE 3**
DATE:	FEBRUARY 2026		

TRC

6 EXECUTIVE CIRCLE
SUITE 200
IRVINE, CA 92614
PHONE: 949.727.9336

FILE: 552398_EUISMOD_BIOSURVEY

COORDINATE SYSTEM: NAD 1983 STATEPLANE CALIFORNIA V FIPS 0405 FEET: MAP ROTATION: 0
22:35 PM; FILE PATH: T:\1-PROJECTS\AYPA_POWER\552398_EUISMOD_WHIRLWIND\2-APRX\552398_EUISMOD_BIOSURVEY.APRX; - LAYOUT NAME: FIGURE 3 PROJECT LOCATION_AERIAL



TYPICAL ARRAY DETAIL
SCALE: 1" = 100'

90' ROAD RESERVATION
PROP 4' WIDE PEDESTRIAN GATE
PROP 4' WIDE PEDESTRIAN GATE
EX 40' WIDE PAVED ROAD
APN: 261-103-22
APN: 261-104-14
APN: 261-104-05
APN: 261-104-06
APN: 261-104-07
90' ROAD RESERVATION
EX TELECOMMUNICATION LINE (TYP)
APN: 261-104-15
PROP FENCE MOUNTED SIGN
PROP WATER TANK (TYP)
OPTION A: INCIDENT COMMAND POST INCLUDING WATER TANK, PUMP HOUSE AND WELL (SEE GRADING AND DRAINAGE PLAN FOR ELEVATION)
PROP 26' WIDE PAVED DRIVE/FIRE LANE (TYP)
66'
112'
78'
30'
PROP PUMP HOUSE (TYP)
APN: 261-104-08
PROP WELL (TYP)
PROP 4' WIDE PEDESTRIAN GATE
PROP ENTRANCE WITH SECURITY GATE AND KNOX BOX (TYP)
30'
EX BRIDGE
PROP 4' WIDE PEDESTRIAN GATE
PROPOSED SUBSTATION
484'
APN: 261-103-16
85'
DETENTION POND D3
54'
O&M CONEX
APN: 261-104-12
PROP 4' WIDE PEDESTRIAN GATE
APN: 261-104-17
OPTION B: INCIDENT COMMAND POST INCLUDING WATER TANK, PUMP HOUSE AND WELL (SEE GRADING AND DRAINAGE PLAN FOR ELEVATION)
RETENTION POND B1
PROP O&M BUILDING #1 20' X 60'
RETENTION POND C1
PROP FENCE MOUNTED SIGN
PROP 4' WIDE PEDESTRIAN GATE
53'
APN: 261-103-13
APN: 261-103-12
APN: 261-103-11
PROP MICROWAVE COMMUNICATIONS TOWER
EX DIRT ROAD (TYP)
338'
EX BOLLARD (4)
EX WATER VALVE (TYP)
EX FIRE DEPARTMENT CONNECTION
PROP WELL (TYP)
PROP 26' WIDE PAVED DRIVE/FIRE LANE (TYP)
PROP 26' WIDE PAVED DRIVE/FIRE LANE (TYP)
RETENTION POND A1
PROP PUMP HOUSE (TYP)
APN: 261-104-03
CONSTRUCTION LAYDOWN AREA
RETENTION POND B1.1
PROP WATER TANK (TYP)
DETENTION POND D2
PROP 4' WIDE PEDESTRIAN GATE
177'
DETENTION POND B2
PROP 4' WIDE PEDESTRIAN GATE
71'
PROP MICROWAVE COMMUNICATIONS TOWER
96'
PROP ENTRANCE WITH SECURITY GATE AND KNOX BOX (TYP)
EX SIGN (TYP)
PROP O&M BUILDING WEST 20' X 60'
PROP BACKUP GENERATORS
ANTICIPATED POCO
PROPOSED SUBSTATION
ANTICIPATED POCO
PROP FENCE MOUNTED SIGN
FEMA DESIGNATION LINE
APN: 261-103-09
APN: 261-103-19
EX OVERHEAD ELECTRIC (TYP)
PROP PARKING 1 - 10'X20' 3 - 9'X20'
EX POWER POLE (TYP)
PROP 220 kV OVERHEAD ELECTRIC
PROP 220 kV OVERHEAD ELECTRIC
APN: 261-104-11
EX WATER LINE (TYP)
PROP O&M BUILDING #2 20' X 60'
O&M CONEX
RETENTION POND C2
34'
56'
FLOOD ZONE "X (UNSHADED)"
FLOOD ZONE "A"
C.L. ROSAMOND BLVD
(ROS 3159)
PROP 4' WIDE PEDESTRIAN GATE
DETENTION POND D4
PROP SECONDARY ACCESS GATE
PROP 4' WIDE PEDESTRIAN GATE
110' ROAD RESERVATION
EX COMM STRUCTURE
APN: 261-131-06
APN: 261-131-05
APN: 261-132-06
APN: 261-132-01
APN: 261-132-02
APN: 261-132-03
APN: 261-132-04
LANDS OF SOUTHERN CALIFORNIA EDISON COMPANY
170TH STREET WEST
(R/W VARIES) (A PUBLIC STREET)
E 1/2, NW 1/4, NE 1/4, NW 1/4, SEC. 23, T9N, R15W, SBM (PR-23000372214) (APN: 261-131-04)
EX ELECTRIC STRUCTURE (TYP)
REVISED 220 kV OVERHEAD ELECTRIC
APN: 261-131-12
EX EDGE OF PAVEMENT (TYP)
EX CONCRETE PAVEMENT (TYP)
EX UTILITY MANHOLE (TYP)
EX STREET LIGHT (TYP)
SCE WHIRLWIND SUBSTATION

MINIMUM SETBACKS	
DISTANCE	DESCRIPTION
300'	BATTERIES TO WHIRLWIND SUBSTATION
300'	BATTERIES TO RESPONDERS STATION
50'	BATTERIES TO PROPERTY LINES
600'	BATTERIES TO 170TH STREET WEST
55'	FRONT YARD
5'	SIDE YARD
5'	REAR YARD
55'	SECTION LINE ROAD RESERVATION
45'	MID-SECTION LINE ROAD RESERVATION

LEGEND

EXISTING FEATURES

- ADJACENT PARCEL BOUNDARY
- FEMA FLOOD ZONE LINE
- SECTION LINE
- SECTION RESERVATION LINE
- EXISTING EASEMENT LINE
- RIPRAP
- DIRT ROAD
- CONCRETE
- PAVEMENT
- WALL
- SIGN
- BOLLARD
- UTILITY POLE
- MANHOLE
- FIRE HYDRANT
- WATER VALVE
- STREET LIGHT
- UTILITY MANHOLE
- OVERHEAD ELECTRIC (OE)
- ELECTRIC STRUCTURE
- WATER (W)
- TELECOMMUNICATION (TEL)
- GUARDRAIL

PROPOSED FEATURES

- PROJECT BOUNDARY
- FLOW LINE
- CULVERT
- CHAIN LINK FENCE
- ASPHALT PAVEMENT
- ACCESS GATE
- BATTERY CONTAINER
- TRANSFORMER
- DC CONVERTER
- AUX & SCADA PANELS
- STORAGE CONTAINERS
- VEHICLE DIRECTION (SEE NOTE)
- AUXILIARY PAD
- EUISMOD PROJECT LLC CUP (SOUTH AREA)
- EUISMOD PROJECT I LLC CUP (WEST AREA)
- EUISMOD PROJECT I LLC CUP (NORTH AREA)
- SOUTH MICROWAVE CUP (EUISMOD PROJECT LLC)
- WEST MICROWAVE CUP (EUISMOD PROJECT I LLC)

NOTE: ALL ONSITE ROADS ARE TWO-WAY CIRCULATION.

GRAPHIC SCALE

0' 200' 400'
1" = 400'

NORTH

N

SEAL:

PERMIT PLAN SET NOT FOR CONSTRUCTION

PROFESSIONAL ENGINEER:

DATE:

NO.	BY	DATE	REVISION	APP'D.
1		06/25/25	1st REVIEW COMMENTS ADDRESSED	

PROJECT:
EUISMOD PROJECT
0 170th STREET WEST
WILLOW SPRINGS, CA 93560
KERN COUNTY

CASE NO: PLN25-00046, MAP 233

TITLE:
PROPOSED OVERALL SITE PLAN

DRAWN BY:	TSS
CHECKED BY:	DG
APPROVED BY:	SH
DATE:	2/17/26

PROJ. NO.: 552398

FIGURE 4

TRC
6 Executive Circle
Suite 200
Irvine, CA 92614
Phone: 949.727.9336

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Attachment 2: Construction and Operation Schedule and Vehicle Trip Project Data

Euismod Energy Storage Project - Estimated Construction Schedule					
Construction Phase	**Schedule**	**Equipment**	**Horsepower**	**Number**	**Hours/Day**
SCE Whirlwind SS IT/Telecom	Month 1	Plate Compactor	5	2	4
		Skid Steer Loader	70	1	8
		Bucket Truck[4]	100	1	2
		Small Cable Puller[5]	15	1	4
		Trencher	20	1	4
Onsite Clearing/Grading	Month 1-6	Crawler Tractor	150	2	8
		Chipper[1]	25	1	8
		Grader	140	2	8
		Water Truck[2]	180	2	8
		Rollers	75	2	8
		Tractor/Loader/Backhoe	100	1	5
SCE Clear Veg. & Install T-line Supports & UG	Month 2-3	Bore/Drill Rig	160	1	8
		Crane	150	1	8
		Crawler Tractor	150	1	8
		Chipper[2]	25	1	8
		Generator Set	60	1	8
		Water Truck[2]	180	1	2
		Plate Compactor	5	2	4
Onsite Trench/Backfill	Month 3-6	Water Truck[2]	180	1	3
		Plate Compactor	5	2	8
		Skid Steer Loader	70	1	8
		Tractor/Loader/Backhoe	100	2	8
Onsite Equipment Foundations & T-Poles	Month 3-9	Bore/Drill Rig	160	1	8
		Crane	150	1	8
		Forklift	60	1	4
		Generator Set	60	2	10
		Water Truck[2]	180	1	3
		Concrete Pump[3]	40	2	4
		Skid Steer Loader	70	2	5
		Tractor/Loader/Backhoe	100	2	8
		Bucket Truck[4]	100	1	8
		Small Cable Puller[5]	15	1	8
		Large Cable Puller[5]	100	1	8
SCE T-line OH	Month 4	Generator Set	60	1	8
		Bucket Truck[4]	100	1	2
		Small Cable Puller[5]	15	1	8
		Large Cable Puller[5]	100	1	8
SCE Whirlwind SS Civil & Elect.	Month 5-6	Aerial Lift	25	2	8
		Crane	150	1	8
		Forklift	60	1	2
		Plate Compactor	5	2	4
		Skid Steer Loader	70	1	8
		Bucket Truck[4]	100	1	2
Onsite SS Construction	Month 6-11	Aerial Lift	25	2	8
		Crane	150	1	8
		Forklift	60	1	4
		Generator Set	60	1	10
Onsite Equipment Installation	Month 4-11	Crane	150	4	8
		Forklift	60	2	8
		Generator Set	60	2	10
		Water Truck[2]	180	1	2
		Skid Steer Loader	70	2	4
		Tractor/Loader/Backhoe	100	2	2
Onsite Pave/Gravel/Landscape	Month 5-12	Grader	140	2	8
		Paving Equipment	150	1	8
		Rollers	75	1	8
		Skid Steer Loader	70	1	8
		Tractor/Loader/Backhoe	100	2	8

[2]Modeled as "other construction equipment"

[3]Modeled as "other material handling equipment"

[4]Modeled as "arial lift"

[5]Modeled as "other general industrial equipment"

Euismod Energy Storage Project - Construction Vehicle Trip Estimates		
Construction Phase	**Trip Type**	**# One-Way Trips/day[1]**
SCE Whirlwind SS IT/Telecom	Worker	18
	Vendor	0
	Hauling	4
	Onsite Truck	4
Onsite Clearing/Grading	Worker	28
	Vendor	4
	Hauling	18
	Onsite Truck	22
SCE Clear Veg. & Install T-line Supports & UG	Worker	36
	Vendor	0
	Hauling	6
	Onsite Truck	6
Onsite Trench/Backfill	Worker	32
	Vendor	4
	Hauling	0
	Onsite Truck	4
Onsite Equipment Foundations & T-Poles	Worker	140
	Vendor	4
	Hauling	22
	Onsite Truck	26
SCE T-line OH	Worker	24
	Vendor	0
	Hauling	4
	Onsite Truck	4
SCE Whirlwind SS Civil & Elect.	Worker	36
	Vendor	0
	Hauling	6
	Onsite Truck	6
Onsite SS Construction	Worker	36
	Vendor	6
	Hauling	2
	Onsite Truck	8
Onsite Equipment Installation	Worker	100
	Vendor	16
	Hauling	0
	Onsite Truck	16
Onsite Pave/Gravel/Landscape	Worker	40
	Vendor	4
	Hauling	30
	Onsite Truck	34

[1]Onsite truck trips were assumed to equal total vendor and hauling trips with trucks traveling half the approximate site or 0.5 miles per one way trip

Euismod Energy Storage Project - Estimated Operational Equipment Schedule					
Operations Activity	**Frequency (days/yr)**	**Equipment**	**Horsepower**	**Number**	**Hours/Day**
Periodic Maintenance Crew	16	Crane	150	1	2
		Forklift	60	1	2
		Tractor/Loader/Backhoe	100	1	4
Augmentation Install	10	Crane	150	1	6
		Crane (small)	50	1	6
		Forklift	60	1	2
Routine Ops (Generator Testing)	12	Generator[1]	250	4	0.5

[1]Generac SD250 certified to EPA Tier III emission standards. Manufacturer emission factors input into CalEEMod as applicable

Euismod Energy Storage Project - Operational Vehicle Trip Estimates								
Operations Activity	**Frequency (days/yr)**	**# of Workers**	**Deliveries/Day**	**# One-Way Trips/day[1]**	**VMT per Trip[2]**	**VMT per Day[3]**	**Annual Trips[4]**	**Annual VMT**
Periodic Maintenance Crew	16	6	3	18	34.7	625	288	9,994
Augmentation Install	10	30	10	80	34.7	2,776	800	27,760
Routine Ops	365	6	1	14	34.7	486	5,110	177,317
					Totals	**3,886**	**6,198**	**215,071**

[1]Assumes each worker commutes alone both ways to the site.

[2]Vehicle Miles Traveled (VMT) per trip based on CalEEMod default for Non-Residential Home-Work Trip length

[3]VMT per day is representative of worst case day when all three operations activities occur concurrently

[4]Annual trips considers the frequency of each operations activity

Attachment 3: CalEEMod Report

Euismod BESS Custom Report

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1.1. Basic Project Information

Data Field	Value
Project Name	Euismod BESS
Construction Start Date	1/1/2027
Operational Year	2027
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	5.00000
Precipitation (days)	22.6000
Location	34.867691877523356, -118.43860022622025
County	Kern-Mojave Desert
City	Unincorporated
Air District	Kern County APCD
Air Basin	Mojave Desert
TAZ	2903
EDFZ	9
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.44

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 Heavy Industry	2,614.00	1000sqft	120.000	1,200.00	0.00000	0.00000	—	Battery energy storage facility consisting of 2184 battery containers and 1092 inverters

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-10-A	Water Exposed Surfaces
Construction	C-10-C	Water Unpaved Construction Roads
Construction	C-11	Limit Vehicle Speeds on Unpaved Roads

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.	12.5975	10.7255	88.1627	140.427	0.23269	3.43811	95.7995	99.2376	3.17305	10.5702	13.7432	—	30,643.5	30,643.5	0.84185	1.39768	31.2186	31,112.2
Mit.	12.5975	10.7255	88.1627	140.427	0.23269	3.43811	29.2715	32.7096	3.17305	3.91834	7.09139	—	30,643.5	30,643.5	0.84185	1.39768	31.2186	31,112.2
% Reduced	—	—	—	—	—	—	69%	67%	—	63%	48%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	7.76117	6.57246	53.5672	83.9200	0.14992	2.09943	50.1347	52.2341	1.93695	5.57799	7.51494	—	18,989.8	18,989.8	0.56609	0.78565	0.44940	19,238.5
Mit.	7.76117	6.57246	53.5672	83.9200	0.14992	2.09943	15.5324	17.6318	1.93695	2.11194	4.04890	—	18,989.8	18,989.8	0.56609	0.78565	0.44940	19,238.5
% Reduced	—	—	—	—	—	—	69%	66%	—	62%	46%	—	—	—	—	—	—	—

Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.10494	4.33096	36.4416	55.0715	0.09589	1.41135	37.0053	38.4166	1.30258	4.09510	5.39768	—	12,353.7	12,353.7	0.34953	0.57727	5.47518	12,540.0
Mit.	5.10494	4.33096	36.4416	55.0715	0.09589	1.41135	11.3688	12.7801	1.30258	1.53225	2.83483	—	12,353.7	12,353.7	0.34953	0.57727	5.47518	12,540.0
% Reduced	—	—	—	—	—	—	69%	67%	—	63%	47%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.93165	0.79040	6.65060	10.0505	0.01750	0.25757	6.75346	7.01103	0.23772	0.74736	0.98508	—	2,045.30	2,045.30	0.05787	0.09557	0.90648	2,076.14
Mit.	0.93165	0.79040	6.65060	10.0505	0.01750	0.25757	2.07481	2.33238	0.23772	0.27964	0.51736	—	2,045.30	2,045.30	0.05787	0.09557	0.90648	2,076.14
% Reduced	—	—	—	—	—	—	69%	67%	—	63%	47%	—	—	—	—	—	—	—

2.2. Construction Emissions by Year

2.2.1. Total Construction Emissions by Year, Unmitigated

Includes both onsite and offsite emissions.

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	12.5975	10.7255	88.1627	140.427	0.23269	3.43811	95.7995	99.2376	3.17305	10.5702	13.7432	—	30,643.5	30,643.5	0.84185	1.39768	31.2186	31,112.2
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	7.76117	6.57246	53.5672	83.9200	0.14992	2.09943	50.1347	52.2341	1.93695	5.57799	7.51494	—	18,989.8	18,989.8	0.56609	0.78565	0.44940	19,238.5
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	5.10494	4.33096	36.4416	55.0715	0.09589	1.41135	37.0053	38.4166	1.30258	4.09510	5.39768	—	12,353.7	12,353.7	0.34953	0.57727	5.47518	12,540.0
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2027	0.93165	0.79040	6.65060	10.0505	0.01750	0.25757	6.75346	7.01103	0.23772	0.74736	0.98508	—	2,045.30	2,045.30	0.05787	0.09557	0.90648	2,076.14

2.2.2. Onsite 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	10.3250	8.65280	79.3856	110.052	0.18686	3.31717	88.9796	92.2968	3.05211	8.90048	11.9526	—	19,063.5	19,063.5	0.76319	0.22001	0.37945	19,148.5
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	6.58137	5.51583	48.4464	71.5589	0.12556	2.03298	46.2905	48.3235	1.87050	4.63886	6.50936	—	12,907.8	12,907.8	0.51697	0.13924	0.00499	12,962.2
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	4.26078	3.57026	32.6077	45.4451	0.07692	1.36121	34.2878	35.6490	1.25244	3.42928	4.68172	—	7,807.00	7,807.00	0.31140	0.09130	0.06737	7,842.06
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.77759	0.65157	5.95091	8.29373	0.01404	0.24842	6.25753	6.50595	0.22857	0.62584	0.85441	—	1,292.54	1,292.54	0.05156	0.01512	0.01115	1,298.34

2.2.3. Offsite 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	2.27249	2.07272	8.77717	30.3748	0.04583	0.12094	6.81991	6.94085	0.12094	1.66968	1.79062	—	11,580.0	11,580.0	0.07866	1.17767	30.8392	11,963.7
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	1.17980	1.05663	5.12082	12.3611	0.02437	0.06646	3.84419	3.91064	0.06646	0.93913	1.00558	—	6,082.01	6,082.01	0.04912	0.64640	0.44441	6,276.31
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2027	0.84416	0.76071	3.83389	9.62634	0.01897	0.05014	2.71743	2.76757	0.05014	0.66582	0.71596	—	4,546.74	4,546.74	0.03814	0.48597	5.40781	4,697.92
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.15406	0.13883	0.69968	1.75681	0.00346	0.00915	0.49593	0.50508	0.00915	0.12151	0.13066	—	752.765	752.765	0.00631	0.08046	0.89532	777.795

2.2.4. Total Construction Emissions by Year, Mitigated

Includes both onsite and offsite emissions.

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	12.5975	10.7255	88.1627	140.427	0.23269	3.43811	29.2715	32.7096	3.17305	3.91834	7.09139	—	30,643.5	30,643.5	0.84185	1.39768	31.2186	31,112.2
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	7.76117	6.57246	53.5672	83.9200	0.14992	2.09943	15.5324	17.6318	1.93695	2.11194	4.04890	—	18,989.8	18,989.8	0.56609	0.78565	0.44940	19,238.5
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	5.10494	4.33096	36.4416	55.0715	0.09589	1.41135	11.3688	12.7801	1.30258	1.53225	2.83483	—	12,353.7	12,353.7	0.34953	0.57727	5.47518	12,540.0
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.93165	0.79040	6.65060	10.0505	0.01750	0.25757	2.07481	2.33238	0.23772	0.27964	0.51736	—	2,045.30	2,045.30	0.05787	0.09557	0.90648	2,076.14

2.2.5. Onsite 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	10.3250	8.65280	79.3856	110.052	0.18686	3.31717	22.4516	25.7687	3.05211	2.24866	5.30077	—	19,063.5	19,063.5	0.76319	0.22001	0.37945	19,148.5
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2027	6.58137	5.51583	48.4464	71.5589	0.12556	2.03298	11.6882	13.7212	1.87050	1.17281	3.04331	—	12,907.8	12,907.8	0.51697	0.13924	0.00499	12,962.2
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	4.26078	3.57026	32.6077	45.4451	0.07692	1.36121	8.65136	10.0126	1.25244	0.86643	2.11887	—	7,807.00	7,807.00	0.31140	0.09130	0.06737	7,842.06
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.77759	0.65157	5.95091	8.29373	0.01404	0.24842	1.57887	1.82729	0.22857	0.15812	0.38669	—	1,292.54	1,292.54	0.05156	0.01512	0.01115	1,298.34

2.2.6. Offsite 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	2.27249	2.07272	8.77717	30.3748	0.04583	0.12094	6.81991	6.94085	0.12094	1.66968	1.79062	—	11,580.0	11,580.0	0.07866	1.17767	30.8392	11,963.7
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	1.17980	1.05663	5.12082	12.3611	0.02437	0.06646	3.84419	3.91064	0.06646	0.93913	1.00558	—	6,082.01	6,082.01	0.04912	0.64640	0.44441	6,276.31
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.84416	0.76071	3.83389	9.62634	0.01897	0.05014	2.71743	2.76757	0.05014	0.66582	0.71596	—	4,546.74	4,546.74	0.03814	0.48597	5.40781	4,697.92
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.15406	0.13883	0.69968	1.75681	0.00346	0.00915	0.49593	0.50508	0.00915	0.12151	0.13066	—	752.765	752.765	0.00631	0.08046	0.89532	777.795

2.3. 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.	2.46039	2.18914	7.21816	17.7213	0.04353	0.21823	2.77278	2.99101	0.20218	0.70533	0.90751	0.00000	4,498.46	4,498.46	0.13377	0.17409	11.1728	4,564.86

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.38065	2.11151	7.36151	14.6382	0.04098	0.21814	2.77278	2.99092	0.20212	0.70533	0.90744	0.00000	4,241.15	4,241.15	0.13510	0.17972	0.28972	4,298.38
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.23861	0.21485	0.48044	1.88768	0.00516	0.01161	0.41440	0.42601	0.01084	0.10544	0.11628	0.00000	531.505	531.505	0.01576	0.02650	0.73152	540.528
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.04355	0.03921	0.08768	0.34450	0.00094	0.00212	0.07563	0.07775	0.00198	0.01924	0.02122	0.00000	87.9968	87.9968	0.00261	0.00439	0.12111	89.4906

2.4. 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	1.09491	0.97281	1.79359	13.5466	0.03374	0.03563	2.77278	2.80841	0.03376	0.70533	0.73908	—	3,442.53	3,442.53	0.09105	0.16564	11.1728	3,505.34
Area	0.04259	0.04187	0.00044	0.05219	< 0.000005	0.00009	—	0.00009	0.00007	—	0.00007	—	0.21462	0.21462	0.00001	< 0.000005	—	0.21539
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	2.98256	2.98256	0.00019	0.00002	—	2.99387
Water	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Waste	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Off-Road	0.42132	0.35403	3.13077	4.01628	0.00584	0.17687	—	0.17687	0.16272	—	0.16272	—	632.977	632.977	0.02568	0.00514	—	635.149
Stationary	0.90157	0.82042	2.29336	0.10622	0.00394	0.00563	0.00000	0.00563	0.00563	0.00000	0.00563	0.00000	419.757	419.757	0.01685	0.00329	0.00000	421.158
Total	2.46039	2.18914	7.21816	17.7213	0.04353	0.21823	2.77278	2.99101	0.20218	0.70533	0.90751	0.00000	4,498.46	4,498.46	0.13377	0.17409	11.1728	4,564.86
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Mobile	1.02446	0.90375	1.93738	10.5157	0.03120	0.03564	2.77278	2.80842	0.03376	0.70533	0.73909	—	3,185.44	3,185.44	0.09239	0.17127	0.28972	3,239.07
Area	0.03330	0.03330	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	2.98256	2.98256	0.00019	0.00002	—	2.99387
Water	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Waste	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Off-Road	0.42132	0.35403	3.13077	4.01628	0.00584	0.17687	—	0.17687	0.16272	—	0.16272	—	632.977	632.977	0.02568	0.00514	—	635.149
Stationary	0.90157	0.82042	2.29336	0.10622	0.00394	0.00563	0.00000	0.00563	0.00563	0.00000	0.00563	0.00000	419.757	419.757	0.01685	0.00329	0.00000	421.158
Total	2.38065	2.11151	7.36151	14.6382	0.04098	0.21814	2.77278	2.99092	0.20212	0.70533	0.90744	0.00000	4,241.15	4,241.15	0.13510	0.17972	0.28972	4,298.38
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.15673	0.13829	0.29915	1.71752	0.00482	0.00540	0.41440	0.41980	0.00512	0.10544	0.11056	—	492.329	492.329	0.01411	0.02619	0.73152	501.217
Area	0.03788	0.03753	0.00022	0.02574	< 0.000005	0.00005	—	0.00005	0.00003	—	0.00003	—	0.10584	0.10584	< 0.000005	< 0.000005	—	0.10622
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	2.98256	2.98256	0.00019	0.00002	—	2.99387
Water	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Waste	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Off-Road	0.01436	0.01206	0.10567	0.14094	0.00021	0.00598	—	0.00598	0.00550	—	0.00550	—	22.2876	22.2876	0.00090	0.00018	—	22.3640
Stationary	0.02964	0.02697	0.07540	0.00349	0.00013	0.00019	0.00000	0.00019	0.00019	0.00000	0.00019	0.00000	13.8002	13.8002	0.00055	0.00011	0.00000	13.8463
Total	0.23861	0.21485	0.48044	1.88768	0.00516	0.01161	0.41440	0.42601	0.01084	0.10544	0.11628	0.00000	531.505	531.505	0.01576	0.02650	0.73152	540.528
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.02860	0.02524	0.05460	0.31345	0.00088	0.00099	0.07563	0.07661	0.00093	0.01924	0.02018	—	81.5107	81.5107	0.00234	0.00434	0.12111	82.9823
Area	0.00691	0.00685	0.00004	0.00470	< 0.000005	0.00001	—	0.00001	0.00001	—	0.00001	—	0.01752	0.01752	< 0.000005	< 0.000005	—	0.01759
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.49380	0.49380	0.00003	< 0.000005	—	0.49567
Water	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Waste	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000

Off-Roa	0.00262	0.00220	0.01928	0.02572	0.00004	0.00109	—	0.00109	0.00100	—	0.00100	—	3.68996	3.68996	0.00015	0.00003	—	3.70262
Stationary	0.00541	0.00492	0.01376	0.00064	0.00002	0.00003	0.00000	0.00003	0.00003	0.00000	0.00003	0.00000	2.28479	2.28479	0.00009	0.00002	0.00000	2.29241
Total	0.04355	0.03921	0.08768	0.34450	0.00094	0.00212	0.07563	0.07775	0.00198	0.01924	0.02122	0.00000	87.9968	87.9968	0.00261	0.00439	0.12111	89.4906

2.5. 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	1.09491	0.97281	1.79359	13.5466	0.03374	0.03563	2.77278	2.80841	0.03376	0.70533	0.73908	—	3,442.53	3,442.53	0.09105	0.16564	11.1728	3,505.34
Area	0.04259	0.04187	0.00044	0.05219	< 0.000005	0.00009	—	0.00009	0.00007	—	0.00007	—	0.21462	0.21462	0.00001	< 0.000005	—	0.21539
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	2.98256	2.98256	0.00019	0.00002	—	2.99387
Water	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Waste	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Off-Road	0.42132	0.35403	3.13077	4.01628	0.00584	0.17687	—	0.17687	0.16272	—	0.16272	—	632.977	632.977	0.02568	0.00514	—	635.149
Stationary	0.90157	0.82042	2.29336	0.10622	0.00394	0.00563	0.00000	0.00563	0.00563	0.00000	0.00563	0.00000	419.757	419.757	0.01685	0.00329	0.00000	421.158
Total	2.46039	2.18914	7.21816	17.7213	0.04353	0.21823	2.77278	2.99101	0.20218	0.70533	0.90751	0.00000	4,498.46	4,498.46	0.13377	0.17409	11.1728	4,564.86
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.02446	0.90375	1.93738	10.5157	0.03120	0.03564	2.77278	2.80842	0.03376	0.70533	0.73909	—	3,185.44	3,185.44	0.09239	0.17127	0.28972	3,239.07
Area	0.03330	0.03330	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	2.98256	2.98256	0.00019	0.00002	—	2.99387
Water	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Waste	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000

Off-Road	0.42132	0.35403	3.13077	4.01628	0.00584	0.17687	—	0.17687	0.16272	—	0.16272	—	632.977	632.977	0.02568	0.00514	—	635.149
Stationary	0.90157	0.82042	2.29336	0.10622	0.00394	0.00563	0.00000	0.00563	0.00563	0.00000	0.00563	0.00000	419.757	419.757	0.01685	0.00329	0.00000	421.158
Total	2.38065	2.11151	7.36151	14.6382	0.04098	0.21814	2.77278	2.99092	0.20212	0.70533	0.90744	0.00000	4,241.15	4,241.15	0.13510	0.17972	0.28972	4,298.38
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.15673	0.13829	0.29915	1.71752	0.00482	0.00540	0.41440	0.41980	0.00512	0.10544	0.11056	—	492.329	492.329	0.01411	0.02619	0.73152	501.217
Area	0.03788	0.03753	0.00022	0.02574	< 0.000005	0.00005	—	0.00005	0.00003	—	0.00003	—	0.10584	0.10584	< 0.000005	< 0.000005	—	0.10622
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	2.98256	2.98256	0.00019	0.00002	—	2.99387
Water	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Waste	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Off-Road	0.01436	0.01206	0.10567	0.14094	0.00021	0.00598	—	0.00598	0.00550	—	0.00550	—	22.2876	22.2876	0.00090	0.00018	—	22.3640
Stationary	0.02964	0.02697	0.07540	0.00349	0.00013	0.00019	0.00000	0.00019	0.00019	0.00000	0.00019	0.00000	13.8002	13.8002	0.00055	0.00011	0.00000	13.8463
Total	0.23861	0.21485	0.48044	1.88768	0.00516	0.01161	0.41440	0.42601	0.01084	0.10544	0.11628	0.00000	531.505	531.505	0.01576	0.02650	0.73152	540.528
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.02860	0.02524	0.05460	0.31345	0.00088	0.00099	0.07563	0.07661	0.00093	0.01924	0.02018	—	81.5107	81.5107	0.00234	0.00434	0.12111	82.9823
Area	0.00691	0.00685	0.00004	0.00470	< 0.000005	0.00001	—	0.00001	0.00001	—	0.00001	—	0.01752	0.01752	< 0.000005	< 0.000005	—	0.01759
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.49380	0.49380	0.00003	< 0.000005	—	0.49567
Water	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Waste	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Off-Road	0.00262	0.00220	0.01928	0.02572	0.00004	0.00109	—	0.00109	0.00100	—	0.00100	—	3.68996	3.68996	0.00015	0.00003	—	3.70262
Stationary	0.00541	0.00492	0.01376	0.00064	0.00002	0.00003	0.00000	0.00003	0.00003	0.00000	0.00003	0.00000	2.28479	2.28479	0.00009	0.00002	0.00000	2.29241
Total	0.04355	0.03921	0.08768	0.34450	0.00094	0.00212	0.07563	0.07775	0.00198	0.01924	0.02122	0.00000	87.9968	87.9968	0.00261	0.00439	0.12111	89.4906

3. Construction Emissions Details

3.1. Onsite Clearing/Grading (2027)

3.1.1. Onsite - 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
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.49479	2.09631	17.8866	23.2483	0.04188	0.88996	—	0.88996	0.81876	—	0.81876	—	4,535.73	4,535.73	0.18399	0.03680	—	4,551.29
Dust From Material Movement	—	—	—	—	—	—	2.12935	2.12935	—	0.23028	0.23028	—	—	—	—	—	—	—
Onsite truck	0.02692	0.02352	0.39917	0.32326	0.00073	0.00073	16.1924	16.1931	0.00073	1.61648	1.61721	—	82.3474	82.3474	0.00146	0.01285	0.07074	86.2847
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.49479	2.09631	17.8866	23.2483	0.04188	0.88996	—	0.88996	0.81876	—	0.81876	—	4,535.73	4,535.73	0.18399	0.03680	—	4,551.29
Dust From Material Movement	—	—	—	—	—	—	2.12935	2.12935	—	0.23028	0.23028	—	—	—	—	—	—	—
Onsite truck	0.02352	0.02061	0.43118	0.33345	0.00073	0.00073	16.1924	16.1931	0.00073	1.61648	1.61721	—	83.8160	83.8160	0.00097	0.01334	0.00183	87.8168
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.88172	0.74089	6.32156	8.21652	0.01480	0.31453	—	0.31453	0.28937	—	0.28937	—	1,603.04	1,603.04	0.06503	0.01301	—	1,608.54
Dust From Material Movement	—	—	—	—	—	—	0.75257	0.75257	—	0.08139	0.08139	—	—	—	—	—	—	—
Onsite truck	0.00900	0.00797	0.14613	0.11562	0.00026	0.00026	5.36852	5.36878	0.00026	0.53595	0.53621	—	29.3216	29.3216	0.00034	0.00471	0.01079	30.7458
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.16091	0.13521	1.15369	1.49952	0.00270	0.05740	—	0.05740	0.05281	—	0.05281	—	265.401	265.401	0.01077	0.00215	—	266.312
Dust From Material Movement	—	—	—	—	—	—	0.13734	0.13734	—	0.01485	0.01485	—	—	—	—	—	—	—
Onsite truck	0.00164	0.00145	0.02667	0.02110	0.00005	0.00005	0.97975	0.97980	0.00005	0.09781	0.09786	—	4.85453	4.85453	0.00006	0.00078	0.00179	5.09031

3.1.2. Offsite - 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
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14253	0.13000	0.10519	1.94219	0.00000	0.00000	0.34225	0.34225	0.00000	0.08022	0.08022	—	358.720	358.720	0.00494	0.01315	1.22934	363.991
Vendor	0.00487	0.00452	0.13198	0.05085	0.00102	0.00187	0.03557	0.03744	0.00187	0.00983	0.01170	—	125.809	125.809	0.00009	0.01762	0.28606	131.348
Hauling	0.02976	0.02698	1.37899	0.30318	0.00833	0.02381	0.33372	0.35753	0.02381	0.09137	0.11518	—	1,178.42	1,178.42	0.00119	0.18850	2.31528	1,236.94
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13019	0.11642	0.11772	1.35373	0.00000	0.00000	0.34225	0.34225	0.00000	0.08022	0.08022	—	319.103	319.103	0.00556	0.01315	0.03192	323.192
Vendor	0.00452	0.00416	0.13965	0.05168	0.00102	0.00187	0.03557	0.03744	0.00187	0.00983	0.01170	—	125.945	125.945	0.00009	0.01762	0.00742	131.205

Hauling	0.02698	0.02460	1.45161	0.31151	0.00833	0.02381	0.33372	0.35753	0.02381	0.09137	0.11518	—	1,179.62	1,179.62	0.00079	0.18889	0.05992	1,235.99
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04645	0.04180	0.04160	0.53259	0.00000	0.00000	0.11920	0.11920	0.00000	0.02791	0.02791	—	116.133	116.133	0.00218	0.00465	0.18782	117.760
Vendor	0.00169	0.00153	0.04906	0.01801	0.00036	0.00066	0.01242	0.01308	0.00066	0.00343	0.00410	—	44.4841	44.4841	0.00003	0.00623	0.04365	46.3843
Hauling	0.01010	0.00926	0.51065	0.10827	0.00295	0.00842	0.11664	0.12506	0.00842	0.03197	0.04038	—	416.662	416.662	0.00028	0.06676	0.35298	436.916
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00848	0.00763	0.00759	0.09720	0.00000	0.00000	0.02175	0.02175	0.00000	0.00509	0.00509	—	19.2271	19.2271	0.00036	0.00077	0.03110	19.4965
Vendor	0.00031	0.00028	0.00895	0.00329	0.00007	0.00012	0.00227	0.00239	0.00012	0.00063	0.00075	—	7.36486	7.36486	0.00001	0.00103	0.00723	7.67944
Hauling	0.00184	0.00169	0.09319	0.01976	0.00054	0.00154	0.02129	0.02282	0.00154	0.00583	0.00737	—	68.9831	68.9831	0.00005	0.01105	0.05844	72.3364

3.1.3. Onsite - 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
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.49479	2.09631	17.8866	23.2483	0.04188	0.88996	—	0.88996	0.81876	—	0.81876	—	4,535.73	4,535.73	0.18399	0.03680	—	4,551.29
Dust From Material Movement	—	—	—	—	—	—	0.55363	0.55363	—	0.05987	0.05987	—	—	—	—	—	—	—
Onsite truck	0.02692	0.02352	0.39917	0.32326	0.00073	0.00073	4.08267	4.08339	0.00073	0.40808	0.40881	—	82.3474	82.3474	0.00146	0.01285	0.07074	86.2847
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.49479	2.09631	17.8866	23.2483	0.04188	0.88996	—	0.88996	0.81876	—	0.81876	—	4,535.73	4,535.73	0.18399	0.03680	—	4,551.29

Dust From Material Movement	—	—	—	—	—	—	0.55363	0.55363	—	0.05987	0.05987	—	—	—	—	—	—	—
Onsite truck	0.02352	0.02061	0.43118	0.33345	0.00073	0.00073	4.08267	4.08339	0.00073	0.40808	0.40881	—	83.8160	83.8160	0.00097	0.01334	0.00183	87.8168
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.88172	0.74089	6.32156	8.21652	0.01480	0.31453	—	0.31453	0.28937	—	0.28937	—	1,603.04	1,603.04	0.06503	0.01301	—	1,608.54
Dust From Material Movement	—	—	—	—	—	—	0.19567	0.19567	—	0.02116	0.02116	—	—	—	—	—	—	—
Onsite truck	0.00900	0.00797	0.14613	0.11562	0.00026	0.00026	1.35364	1.35389	0.00026	0.13532	0.13557	—	29.3216	29.3216	0.00034	0.00471	0.01079	30.7458
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16091	0.13521	1.15369	1.49952	0.00270	0.05740	—	0.05740	0.05281	—	0.05281	—	265.401	265.401	0.01077	0.00215	—	266.312
Dust From Material Movement	—	—	—	—	—	—	0.03571	0.03571	—	0.00386	0.00386	—	—	—	—	—	—	—
Onsite truck	0.00164	0.00145	0.02667	0.02110	0.00005	0.00005	0.24704	0.24709	0.00005	0.02470	0.02474	—	4.85453	4.85453	0.00006	0.00078	0.00179	5.09031

3.1.4. Offsite - 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
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.14253	0.13000	0.10519	1.94219	0.00000	0.00000	0.34225	0.34225	0.00000	0.08022	0.08022	—	358.720	358.720	0.00494	0.01315	1.22934	363.991
Vendor	0.00487	0.00452	0.13198	0.05085	0.00102	0.00187	0.03557	0.03744	0.00187	0.00983	0.01170	—	125.809	125.809	0.00009	0.01762	0.28606	131.348
Hauling	0.02976	0.02698	1.37899	0.30318	0.00833	0.02381	0.33372	0.35753	0.02381	0.09137	0.11518	—	1,178.42	1,178.42	0.00119	0.18850	2.31528	1,236.94
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13019	0.11642	0.11772	1.35373	0.00000	0.00000	0.34225	0.34225	0.00000	0.08022	0.08022	—	319.103	319.103	0.00556	0.01315	0.03192	323.192
Vendor	0.00452	0.00416	0.13965	0.05168	0.00102	0.00187	0.03557	0.03744	0.00187	0.00983	0.01170	—	125.945	125.945	0.00009	0.01762	0.00742	131.205
Hauling	0.02698	0.02460	1.45161	0.31151	0.00833	0.02381	0.33372	0.35753	0.02381	0.09137	0.11518	—	1,179.62	1,179.62	0.00079	0.18889	0.05992	1,235.99
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04645	0.04180	0.04160	0.53259	0.00000	0.00000	0.11920	0.11920	0.00000	0.02791	0.02791	—	116.133	116.133	0.00218	0.00465	0.18782	117.760
Vendor	0.00169	0.00153	0.04906	0.01801	0.00036	0.00066	0.01242	0.01308	0.00066	0.00343	0.00410	—	44.4841	44.4841	0.00003	0.00623	0.04365	46.3843
Hauling	0.01010	0.00926	0.51065	0.10827	0.00295	0.00842	0.11664	0.12506	0.00842	0.03197	0.04038	—	416.662	416.662	0.00028	0.06676	0.35298	436.916
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00848	0.00763	0.00759	0.09720	0.00000	0.00000	0.02175	0.02175	0.00000	0.00509	0.00509	—	19.2271	19.2271	0.00036	0.00077	0.03110	19.4965
Vendor	0.00031	0.00028	0.00895	0.00329	0.00007	0.00012	0.00227	0.00239	0.00012	0.00063	0.00075	—	7.36486	7.36486	0.00001	0.00103	0.00723	7.67944
Hauling	0.00184	0.00169	0.09319	0.01976	0.00054	0.00154	0.02129	0.02282	0.00154	0.00583	0.00737	—	68.9831	68.9831	0.00005	0.01105	0.05844	72.3364

3.2. SCE Whirlwind IT/Telecom (2027)

3.2.1. Onsite - 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
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	0.31191	0.25989	2.28026	4.45554	0.00807	0.07945	—	0.07945	0.07309	—	0.07309	—	808.833	808.833	0.03281	0.00656	—	811.609
Onsite truck	0.00642	0.00562	0.11759	0.09094	0.00020	0.00020	4.41611	4.41631	0.00020	0.44086	0.44106	—	22.8589	22.8589	0.00026	0.00364	0.00050	23.9500
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01795	0.01495	0.13119	0.25635	0.00046	0.00457	—	0.00457	0.00421	—	0.00421	—	46.5356	46.5356	0.00189	0.00038	—	46.6953
Onsite truck	0.00040	0.00035	0.00649	0.00513	0.00001	0.00001	0.23835	0.23836	0.00001	0.02379	0.02381	—	1.30181	1.30181	0.00002	0.00021	0.00048	1.36503
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00328	0.00273	0.02394	0.04678	0.00008	0.00083	—	0.00083	0.00077	—	0.00077	—	7.70450	7.70450	0.00031	0.00006	—	7.73094
Onsite truck	0.00007	0.00006	0.00118	0.00094	< 0.000005	< 0.000005	0.04350	0.04350	< 0.000005	0.00434	0.00434	—	0.21553	0.21553	< 0.000005	0.00003	0.00008	0.22600

3.2.2. Offsite - 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
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08369	0.07484	0.07568	0.87025	0.00000	0.00000	0.22002	0.22002	0.00000	0.05157	0.05157	—	205.138	205.138	0.00357	0.00845	0.02052	207.766
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00600	0.00547	0.32258	0.06923	0.00185	0.00529	0.07416	0.07945	0.00529	0.02030	0.02559	—	262.139	262.139	0.00018	0.04198	0.01332	274.665
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.00486	0.00437	0.00435	0.05574	0.00000	0.00000	0.01247	0.01247	0.00000	0.00292	0.00292	—	12.1534	12.1534	0.00023	0.00049	0.01966	12.3237
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00037	0.00033	0.01847	0.00392	0.00011	0.00030	0.00422	0.00452	0.00030	0.00116	0.00146	—	15.0730	15.0730	0.00001	0.00242	0.01277	15.8057
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00089	0.00080	0.00079	0.01017	0.00000	0.00000	0.00228	0.00228	0.00000	0.00053	0.00053	—	2.01214	2.01214	0.00004	0.00008	0.00325	2.04033
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00007	0.00006	0.00337	0.00071	0.00002	0.00006	0.00077	0.00083	0.00006	0.00021	0.00027	—	2.49551	2.49551	< 0.000005	0.00040	0.00211	2.61682

3.2.3. Onsite - 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
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.31191	0.25989	2.28026	4.45554	0.00807	0.07945	—	0.07945	0.07309	—	0.07309	—	808.833	808.833	0.03281	0.00656	—	811.609
Onsite truck	0.00642	0.00562	0.11759	0.09094	0.00020	0.00020	1.11345	1.11365	0.00020	0.11129	0.11149	—	22.8589	22.8589	0.00026	0.00364	0.00050	23.9500
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01795	0.01495	0.13119	0.25635	0.00046	0.00457	—	0.00457	0.00421	—	0.00421	—	46.5356	46.5356	0.00189	0.00038	—	46.6953
Onsite truck	0.00040	0.00035	0.00649	0.00513	0.00001	0.00001	0.06010	0.06011	0.00001	0.00601	0.00602	—	1.30181	1.30181	0.00002	0.00021	0.00048	1.36503
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.00328	0.00273	0.02394	0.04678	0.00008	0.00083	—	0.00083	0.00077	—	0.00077	—	7.70450	7.70450	0.00031	0.00006	—	7.73094
Onsite truck	0.00007	0.00006	0.00118	0.00094	< 0.000005	< 0.000005	0.01097	0.01097	< 0.000005	0.00110	0.00110	—	0.21553	0.21553	< 0.000005	0.00003	0.00008	0.22600

3.2.4. Offsite - 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
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08369	0.07484	0.07568	0.87025	0.00000	0.00000	0.22002	0.22002	0.00000	0.05157	0.05157	—	205.138	205.138	0.00357	0.00845	0.02052	207.766
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00600	0.00547	0.32258	0.06923	0.00185	0.00529	0.07416	0.07945	0.00529	0.02030	0.02559	—	262.139	262.139	0.00018	0.04198	0.01332	274.665
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00486	0.00437	0.00435	0.05574	0.00000	0.00000	0.01247	0.01247	0.00000	0.00292	0.00292	—	12.1534	12.1534	0.00023	0.00049	0.01966	12.3237
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00037	0.00033	0.01847	0.00392	0.00011	0.00030	0.00422	0.00452	0.00030	0.00116	0.00146	—	15.0730	15.0730	0.00001	0.00242	0.01277	15.8057
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00089	0.00080	0.00079	0.01017	0.00000	0.00000	0.00228	0.00228	0.00000	0.00053	0.00053	—	2.01214	2.01214	0.00004	0.00008	0.00325	2.04033
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00007	0.00006	0.00337	0.00071	0.00002	0.00006	0.00077	0.00083	0.00006	0.00021	0.00027	—	2.49551	2.49551	< 0.000005	0.00040	0.00211	2.61682

3.3. SCE Clear Veg. & Install Tline Supports & UG (2027)

3.3.1. Onsite - 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
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.33967	1.12124	9.74094	14.6839	0.02472	0.41484	—	0.41484	0.38165	—	0.38165	—	2,483.98	2,483.98	0.10076	0.02015	—	2,492.51
Onsite truck	0.00855	0.00750	0.15679	0.12125	0.00026	0.00026	5.88815	5.88842	0.00026	0.58781	0.58807	—	30.4786	30.4786	0.00035	0.00485	0.00067	31.9334
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15415	0.12902	1.12088	1.68966	0.00284	0.04773	—	0.04773	0.04392	—	0.04392	—	285.828	285.828	0.01159	0.00232	—	286.809
Onsite truck	0.00107	0.00094	0.01730	0.01369	0.00003	0.00003	0.63560	0.63563	0.00003	0.06345	0.06348	—	3.47148	3.47148	0.00004	0.00056	0.00128	3.64009
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02813	0.02355	0.20456	0.30836	0.00052	0.00871	—	0.00871	0.00801	—	0.00801	—	47.3221	47.3221	0.00192	0.00038	—	47.4845
Onsite truck	0.00019	0.00017	0.00316	0.00250	0.00001	0.00001	0.11600	0.11600	0.00001	0.01158	0.01159	—	0.57474	0.57474	0.00001	0.00009	0.00021	0.60266

3.3.2. Offsite - 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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16738	0.14969	0.15135	1.74051	0.00000	0.00000	0.44003	0.44003	0.00000	0.10314	0.10314	—	410.275	410.275	0.00714	0.01691	0.04104	415.532
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00899	0.00820	0.48387	0.10384	0.00278	0.00794	0.11124	0.11918	0.00794	0.03046	0.03839	—	393.208	393.208	0.00026	0.06296	0.01997	411.998
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01944	0.01750	0.01742	0.22294	0.00000	0.00000	0.04990	0.04990	0.00000	0.01168	0.01168	—	48.6137	48.6137	0.00091	0.00195	0.07862	49.2949
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00110	0.00100	0.05542	0.01175	0.00032	0.00091	0.01266	0.01357	0.00091	0.00347	0.00438	—	45.2191	45.2191	0.00003	0.00725	0.03831	47.4172
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00355	0.00319	0.00318	0.04069	0.00000	0.00000	0.00911	0.00911	0.00000	0.00213	0.00213	—	8.04856	8.04856	0.00015	0.00032	0.01302	8.16133
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00020	0.00018	0.01011	0.00214	0.00006	0.00017	0.00231	0.00248	0.00017	0.00063	0.00080	—	7.48654	7.48654	0.00001	0.00120	0.00634	7.85046

3.3.3. Onsite - 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
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.33967	1.12124	9.74094	14.6839	0.02472	0.41484	—	0.41484	0.38165	—	0.38165	—	2,483.98	2,483.98	0.10076	0.02015	—	2,492.51

Onsite truck	0.00855	0.00750	0.15679	0.12125	0.00026	0.00026	1.48461	1.48487	0.00026	0.14839	0.14866	—	30.4786	30.4786	0.00035	0.00485	0.00067	31.9334
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15415	0.12902	1.12088	1.68966	0.00284	0.04773	—	0.04773	0.04392	—	0.04392	—	285.828	285.828	0.01159	0.00232	—	286.809
Onsite truck	0.00107	0.00094	0.01730	0.01369	0.00003	0.00003	0.16026	0.16029	0.00003	0.01602	0.01605	—	3.47148	3.47148	0.00004	0.00056	0.00128	3.64009
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02813	0.02355	0.20456	0.30836	0.00052	0.00871	—	0.00871	0.00801	—	0.00801	—	47.3221	47.3221	0.00192	0.00038	—	47.4845
Onsite truck	0.00019	0.00017	0.00316	0.00250	0.00001	0.00001	0.02925	0.02925	0.00001	0.00292	0.00293	—	0.57474	0.57474	0.00001	0.00009	0.00021	0.60266

3.3.4. Offsite - 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
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16738	0.14969	0.15135	1.74051	0.00000	0.00000	0.44003	0.44003	0.00000	0.10314	0.10314	—	410.275	410.275	0.00714	0.01691	0.04104	415.532
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00899	0.00820	0.48387	0.10384	0.00278	0.00794	0.11124	0.11918	0.00794	0.03046	0.03839	—	393.208	393.208	0.00026	0.06296	0.01997	411.998
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01944	0.01750	0.01742	0.22294	0.00000	0.00000	0.04990	0.04990	0.00000	0.01168	0.01168	—	48.6137	48.6137	0.00091	0.00195	0.07862	49.2949
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Hauling	0.00110	0.00100	0.05542	0.01175	0.00032	0.00091	0.01266	0.01357	0.00091	0.00347	0.00438	—	45.2191	45.2191	0.00003	0.00725	0.03831	47.4172
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00355	0.00319	0.00318	0.04069	0.00000	0.00000	0.00911	0.00911	0.00000	0.00213	0.00213	—	8.04856	8.04856	0.00015	0.00032	0.01302	8.16133
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00020	0.00018	0.01011	0.00214	0.00006	0.00017	0.00231	0.00248	0.00017	0.00063	0.00080	—	7.48654	7.48654	0.00001	0.00120	0.00634	7.85046

3.4. Onsite SS Construction (2027)

3.4.1. Onsite - 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
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.78342	0.65315	6.81384	7.46752	0.01293	0.23119	—	0.23119	0.21270	—	0.21270	—	1,178.13	1,178.13	0.04779	0.00956	—	1,182.17
Onsite truck	0.00979	0.00855	0.14515	0.11755	0.00026	0.00026	5.88815	5.88842	0.00026	0.58781	0.58807	—	29.9445	29.9445	0.00053	0.00467	0.02573	31.3763
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.78342	0.65315	6.81384	7.46752	0.01293	0.23119	—	0.23119	0.21270	—	0.21270	—	1,178.13	1,178.13	0.04779	0.00956	—	1,182.17
Onsite truck	0.00855	0.00750	0.15679	0.12125	0.00026	0.00026	5.88815	5.88842	0.00026	0.58781	0.58807	—	30.4786	30.4786	0.00035	0.00485	0.00067	31.9334
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.26830	0.22368	2.33351	2.55737	0.00443	0.07918	—	0.07918	0.07284	—	0.07284	—	403.469	403.469	0.01637	0.00327	—	404.854
Onsite truck	0.00317	0.00281	0.05149	0.04074	0.00009	0.00009	1.89166	1.89175	0.00009	0.18885	0.18894	—	10.3318	10.3318	0.00012	0.00166	0.00380	10.8336
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04896	0.04082	0.42587	0.46672	0.00081	0.01445	—	0.01445	0.01329	—	0.01329	—	66.7990	66.7990	0.00271	0.00054	—	67.0282
Onsite truck	0.00058	0.00051	0.00940	0.00744	0.00002	0.00002	0.34523	0.34524	0.00002	0.03446	0.03448	—	1.71055	1.71055	0.00002	0.00028	0.00063	1.79363

3.4.2. Offsite - 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
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18326	0.16715	0.13524	2.49711	0.00000	0.00000	0.44003	0.44003	0.00000	0.10314	0.10314	—	461.212	461.212	0.00635	0.01691	1.58057	467.989
Vendor	0.00730	0.00677	0.19797	0.07627	0.00153	0.00280	0.05335	0.05615	0.00280	0.01474	0.01754	—	188.713	188.713	0.00013	0.02643	0.42908	197.021
Hauling	0.00331	0.00300	0.15322	0.03369	0.00093	0.00265	0.03708	0.03973	0.00265	0.01015	0.01280	—	130.936	130.936	0.00013	0.02094	0.25725	137.438
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16738	0.14969	0.15135	1.74051	0.00000	0.00000	0.44003	0.44003	0.00000	0.10314	0.10314	—	410.275	410.275	0.00714	0.01691	0.04104	415.532
Vendor	0.00677	0.00624	0.20947	0.07751	0.00153	0.00280	0.05335	0.05615	0.00280	0.01474	0.01754	—	188.918	188.918	0.00013	0.02643	0.01113	196.808
Hauling	0.00300	0.00273	0.16129	0.03461	0.00093	0.00265	0.03708	0.03973	0.00265	0.01015	0.01280	—	131.069	131.069	0.00009	0.02099	0.00666	137.333
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05787	0.05208	0.05183	0.66352	0.00000	0.00000	0.14851	0.14851	0.00000	0.03478	0.03478	—	144.684	144.684	0.00272	0.00579	0.23400	146.711
Vendor	0.00246	0.00223	0.07131	0.02618	0.00053	0.00096	0.01805	0.01901	0.00096	0.00499	0.00595	—	64.6572	64.6572	0.00005	0.00905	0.06345	67.4190

Hauling	0.00109	0.00100	0.05498	0.01166	0.00032	0.00091	0.01256	0.01346	0.00091	0.00344	0.00435	—	44.8602	44.8602	0.00003	0.00719	0.03800	47.0409
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01056	0.00950	0.00946	0.12109	0.00000	0.00000	0.02710	0.02710	0.00000	0.00635	0.00635	—	23.9540	23.9540	0.00045	0.00096	0.03874	24.2897
Vendor	0.00045	0.00041	0.01301	0.00478	0.00010	0.00018	0.00329	0.00347	0.00018	0.00091	0.00109	—	10.7047	10.7047	0.00001	0.00150	0.01050	11.1620
Hauling	0.00020	0.00018	0.01003	0.00213	0.00006	0.00017	0.00229	0.00246	0.00017	0.00063	0.00079	—	7.42712	7.42712	0.00001	0.00119	0.00629	7.78816

3.4.3. Onsite - 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
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.78342	0.65315	6.81384	7.46752	0.01293	0.23119	—	0.23119	0.21270	—	0.21270	—	1,178.13	1,178.13	0.04779	0.00956	—	1,182.17
Onsite truck	0.00979	0.00855	0.14515	0.11755	0.00026	0.00026	1.48461	1.48487	0.00026	0.14839	0.14866	—	29.9445	29.9445	0.00053	0.00467	0.02573	31.3763
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.78342	0.65315	6.81384	7.46752	0.01293	0.23119	—	0.23119	0.21270	—	0.21270	—	1,178.13	1,178.13	0.04779	0.00956	—	1,182.17
Onsite truck	0.00855	0.00750	0.15679	0.12125	0.00026	0.00026	1.48461	1.48487	0.00026	0.14839	0.14866	—	30.4786	30.4786	0.00035	0.00485	0.00067	31.9334
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.26830	0.22368	2.33351	2.55737	0.00443	0.07918	—	0.07918	0.07284	—	0.07284	—	403.469	403.469	0.01637	0.00327	—	404.854

Onsite truck	0.00317	0.00281	0.05149	0.04074	0.00009	0.00009	0.47697	0.47706	0.00009	0.04768	0.04777	—	10.3318	10.3318	0.00012	0.00166	0.00380	10.8336
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04896	0.04082	0.42587	0.46672	0.00081	0.01445	—	0.01445	0.01329	—	0.01329	—	66.7990	66.7990	0.00271	0.00054	—	67.0282
Onsite truck	0.00058	0.00051	0.00940	0.00744	0.00002	0.00002	0.08705	0.08706	0.00002	0.00870	0.00872	—	1.71055	1.71055	0.00002	0.00028	0.00063	1.79363

3.4.4. Offsite - 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
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18326	0.16715	0.13524	2.49711	0.00000	0.00000	0.44003	0.44003	0.00000	0.10314	0.10314	—	461.212	461.212	0.00635	0.01691	1.58057	467.989
Vendor	0.00730	0.00677	0.19797	0.07627	0.00153	0.00280	0.05335	0.05615	0.00280	0.01474	0.01754	—	188.713	188.713	0.00013	0.02643	0.42908	197.021
Hauling	0.00331	0.00300	0.15322	0.03369	0.00093	0.00265	0.03708	0.03973	0.00265	0.01015	0.01280	—	130.936	130.936	0.00013	0.02094	0.25725	137.438
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16738	0.14969	0.15135	1.74051	0.00000	0.00000	0.44003	0.44003	0.00000	0.10314	0.10314	—	410.275	410.275	0.00714	0.01691	0.04104	415.532
Vendor	0.00677	0.00624	0.20947	0.07751	0.00153	0.00280	0.05335	0.05615	0.00280	0.01474	0.01754	—	188.918	188.918	0.00013	0.02643	0.01113	196.808
Hauling	0.00300	0.00273	0.16129	0.03461	0.00093	0.00265	0.03708	0.03973	0.00265	0.01015	0.01280	—	131.069	131.069	0.00009	0.02099	0.00666	137.333
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05787	0.05208	0.05183	0.66352	0.00000	0.00000	0.14851	0.14851	0.00000	0.03478	0.03478	—	144.684	144.684	0.00272	0.00579	0.23400	146.711
Vendor	0.00246	0.00223	0.07131	0.02618	0.00053	0.00096	0.01805	0.01901	0.00096	0.00499	0.00595	—	64.6572	64.6572	0.00005	0.00905	0.06345	67.4190
Hauling	0.00109	0.00100	0.05498	0.01166	0.00032	0.00091	0.01256	0.01346	0.00091	0.00344	0.00435	—	44.8602	44.8602	0.00003	0.00719	0.03800	47.0409
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01056	0.00950	0.00946	0.12109	0.00000	0.00000	0.02710	0.02710	0.00000	0.00635	0.00635	—	23.9540	23.9540	0.00045	0.00096	0.03874	24.2897

Vendor	0.00045	0.00041	0.01301	0.00478	0.00010	0.00018	0.00329	0.00347	0.00018	0.00091	0.00109	—	10.7047	10.7047	0.00001	0.00150	0.01050	11.1620
Hauling	0.00020	0.00018	0.01003	0.00213	0.00006	0.00017	0.00229	0.00246	0.00017	0.00063	0.00079	—	7.42712	7.42712	0.00001	0.00119	0.00629	7.78816

3.5. Onsite Equipment Foundations & T-Poles (2027)

3.5.1. Onsite - 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
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.21325	1.84824	16.3583	26.2508	0.04528	0.59358	—	0.59358	0.54610	—	0.54610	—	4,423.72	4,423.72	0.17945	0.03589	—	4,438.90
Onsite truck	0.03181	0.02780	0.47175	0.38204	0.00086	0.00086	19.1365	19.1374	0.00086	1.91038	1.91124	—	97.3196	97.3196	0.00172	0.01519	0.08361	101.973
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.21325	1.84824	16.3583	26.2508	0.04528	0.59358	—	0.59358	0.54610	—	0.54610	—	4,423.72	4,423.72	0.17945	0.03589	—	4,438.90
Onsite truck	0.02780	0.02436	0.50958	0.39408	0.00086	0.00086	19.1365	19.1374	0.00086	1.91038	1.91124	—	99.0553	99.0553	0.00115	0.01576	0.00216	103.784
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.93381	0.77981	6.90185	11.0757	0.01911	0.25044	—	0.25044	0.23041	—	0.23041	—	1,866.45	1,866.45	0.07571	0.01514	—	1,872.85
Onsite truck	0.01270	0.01125	0.20617	0.16312	0.00036	0.00036	7.57419	7.57455	0.00036	0.75615	0.75651	—	41.3685	41.3685	0.00048	0.00665	0.01522	43.3777
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.17042	0.14231	1.25959	2.02131	0.00349	0.04571	—	0.04571	0.04205	—	0.04205	—	309.011	309.011	0.01253	0.00251	—	310.072
Onsite truck	0.00232	0.00205	0.03763	0.02977	0.00007	0.00007	1.38229	1.38236	0.00007	0.13800	0.13806	—	6.84903	6.84903	0.00008	0.00110	0.00252	7.18168

3.5.2. Offsite - 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
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.71267	0.65001	0.52593	9.71097	0.00000	0.00000	1.71123	1.71123	0.00000	0.40111	0.40111	—	1,793.60	1,793.60	0.02469	0.06574	6.14668	1,819.96
Vendor	0.00487	0.00452	0.13198	0.05085	0.00102	0.00187	0.03557	0.03744	0.00187	0.00983	0.01170	—	125.809	125.809	0.00009	0.01762	0.28606	131.348
Hauling	0.03638	0.03298	1.68543	0.37055	0.01019	0.02910	0.40788	0.43698	0.02910	0.11167	0.14077	—	1,440.29	1,440.29	0.00146	0.23038	2.82978	1,511.81
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.65094	0.58211	0.58859	6.76863	0.00000	0.00000	1.71123	1.71123	0.00000	0.40111	0.40111	—	1,595.51	1,595.51	0.02778	0.06574	0.15958	1,615.96
Vendor	0.00452	0.00416	0.13965	0.05168	0.00102	0.00187	0.03557	0.03744	0.00187	0.00983	0.01170	—	125.945	125.945	0.00009	0.01762	0.00742	131.205
Hauling	0.03298	0.03007	1.77419	0.38074	0.01019	0.02910	0.40788	0.43698	0.02910	0.11167	0.14077	—	1,441.76	1,441.76	0.00097	0.23087	0.07324	1,510.66
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.27725	0.24951	0.24834	3.17902	0.00000	0.00000	0.71152	0.71152	0.00000	0.16662	0.16662	—	693.196	693.196	0.01302	0.02774	1.12112	702.908
Vendor	0.00202	0.00183	0.05857	0.02151	0.00043	0.00079	0.01482	0.01561	0.00079	0.00410	0.00489	—	53.1051	53.1051	0.00004	0.00743	0.05211	55.3734
Hauling	0.01473	0.01351	0.74508	0.15798	0.00430	0.01228	0.17019	0.18247	0.01228	0.04664	0.05892	—	607.946	607.946	0.00041	0.09741	0.51503	637.498
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05060	0.04554	0.04532	0.58017	0.00000	0.00000	0.12985	0.12985	0.00000	0.03041	0.03041	—	114.766	114.766	0.00216	0.00459	0.18561	116.374
Vendor	0.00037	0.00033	0.01069	0.00392	0.00008	0.00014	0.00271	0.00285	0.00014	0.00075	0.00089	—	8.79216	8.79216	0.00001	0.00123	0.00863	9.16771
Hauling	0.00269	0.00246	0.13598	0.02883	0.00078	0.00224	0.03106	0.03330	0.00224	0.00851	0.01075	—	100.652	100.652	0.00007	0.01613	0.08527	105.545

3.5.3. Onsite - 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
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.21325	1.84824	16.3583	26.2508	0.04528	0.59358	—	0.59358	0.54610	—	0.54610	—	4,423.72	4,423.72	0.17945	0.03589	—	4,438.90
Onsite truck	0.03181	0.02780	0.47175	0.38204	0.00086	0.00086	4.82497	4.82583	0.00086	0.48227	0.48313	—	97.3196	97.3196	0.00172	0.01519	0.08361	101.973
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.21325	1.84824	16.3583	26.2508	0.04528	0.59358	—	0.59358	0.54610	—	0.54610	—	4,423.72	4,423.72	0.17945	0.03589	—	4,438.90
Onsite truck	0.02780	0.02436	0.50958	0.39408	0.00086	0.00086	4.82497	4.82583	0.00086	0.48227	0.48313	—	99.0553	99.0553	0.00115	0.01576	0.00216	103.784
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.93381	0.77981	6.90185	11.0757	0.01911	0.25044	—	0.25044	0.23041	—	0.23041	—	1,866.45	1,866.45	0.07571	0.01514	—	1,872.85
Onsite truck	0.01270	0.01125	0.20617	0.16312	0.00036	0.00036	1.90978	1.91014	0.00036	0.19091	0.19127	—	41.3685	41.3685	0.00048	0.00665	0.01522	43.3777
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17042	0.14231	1.25959	2.02131	0.00349	0.04571	—	0.04571	0.04205	—	0.04205	—	309.011	309.011	0.01253	0.00251	—	310.072
Onsite truck	0.00232	0.00205	0.03763	0.02977	0.00007	0.00007	0.34854	0.34860	0.00007	0.03484	0.03491	—	6.84903	6.84903	0.00008	0.00110	0.00252	7.18168

3.5.4. Offsite - 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
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.71267	0.65001	0.52593	9.71097	0.00000	0.00000	1.71123	1.71123	0.00000	0.40111	0.40111	—	1,793.60	1,793.60	0.02469	0.06574	6.14668	1,819.96
Vendor	0.00487	0.00452	0.13198	0.05085	0.00102	0.00187	0.03557	0.03744	0.00187	0.00983	0.01170	—	125.809	125.809	0.00009	0.01762	0.28606	131.348
Hauling	0.03638	0.03298	1.68543	0.37055	0.01019	0.02910	0.40788	0.43698	0.02910	0.11167	0.14077	—	1,440.29	1,440.29	0.00146	0.23038	2.82978	1,511.81
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.65094	0.58211	0.58859	6.76863	0.00000	0.00000	1.71123	1.71123	0.00000	0.40111	0.40111	—	1,595.51	1,595.51	0.02778	0.06574	0.15958	1,615.96
Vendor	0.00452	0.00416	0.13965	0.05168	0.00102	0.00187	0.03557	0.03744	0.00187	0.00983	0.01170	—	125.945	125.945	0.00009	0.01762	0.00742	131.205
Hauling	0.03298	0.03007	1.77419	0.38074	0.01019	0.02910	0.40788	0.43698	0.02910	0.11167	0.14077	—	1,441.76	1,441.76	0.00097	0.23087	0.07324	1,510.66
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.27725	0.24951	0.24834	3.17902	0.00000	0.00000	0.71152	0.71152	0.00000	0.16662	0.16662	—	693.196	693.196	0.01302	0.02774	1.12112	702.908
Vendor	0.00202	0.00183	0.05857	0.02151	0.00043	0.00079	0.01482	0.01561	0.00079	0.00410	0.00489	—	53.1051	53.1051	0.00004	0.00743	0.05211	55.3734
Hauling	0.01473	0.01351	0.74508	0.15798	0.00430	0.01228	0.17019	0.18247	0.01228	0.04664	0.05892	—	607.946	607.946	0.00041	0.09741	0.51503	637.498
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05060	0.04554	0.04532	0.58017	0.00000	0.00000	0.12985	0.12985	0.00000	0.03041	0.03041	—	114.766	114.766	0.00216	0.00459	0.18561	116.374
Vendor	0.00037	0.00033	0.01069	0.00392	0.00008	0.00014	0.00271	0.00285	0.00014	0.00075	0.00089	—	8.79216	8.79216	0.00001	0.00123	0.00863	9.16771
Hauling	0.00269	0.00246	0.13598	0.02883	0.00078	0.00224	0.03106	0.03330	0.00224	0.00851	0.01075	—	100.652	100.652	0.00007	0.01613	0.08527	105.545

3.6. SCE - Tline OH (2027)

3.6.1. Onsite - 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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.52913	0.43928	3.94145	5.56606	0.01037	0.11321	—	0.11321	0.10415	—	0.10415	—	910.323	910.323	0.03693	0.00739	—	913.447
Onsite truck	0.00734	0.00642	0.10886	0.08816	0.00020	0.00020	4.41611	4.41631	0.00020	0.44086	0.44106	—	22.4584	22.4584	0.00040	0.00351	0.01929	23.5322
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03189	0.02648	0.23757	0.33549	0.00062	0.00682	—	0.00682	0.00628	—	0.00628	—	54.8688	54.8688	0.00223	0.00045	—	55.0571
Onsite truck	0.00042	0.00037	0.00680	0.00538	0.00001	0.00001	0.24970	0.24971	0.00001	0.02493	0.02494	—	1.36380	1.36380	0.00002	0.00022	0.00050	1.43004
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00582	0.00483	0.04336	0.06123	0.00011	0.00125	—	0.00125	0.00115	—	0.00115	—	9.08416	9.08416	0.00037	0.00007	—	9.11533
Onsite truck	0.00008	0.00007	0.00124	0.00098	< 0.000005	< 0.000005	0.04557	0.04557	< 0.000005	0.00455	0.00455	—	0.22579	0.22579	< 0.000005	0.00004	0.00008	0.23676

3.6.2. Offsite - 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
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12217	0.11143	0.09016	1.66474	0.00000	0.00000	0.29335	0.29335	0.00000	0.06876	0.06876	—	307.475	307.475	0.00423	0.01127	1.05372	311.993

Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00661	0.00600	0.30644	0.06737	0.00185	0.00529	0.07416	0.07945	0.00529	0.02030	0.02559	—	261.872	261.872	0.00026	0.04189	0.51451	274.875
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00679	0.00611	0.00608	0.07785	0.00000	0.00000	0.01743	0.01743	0.00000	0.00408	0.00408	—	16.9762	16.9762	0.00032	0.00068	0.02746	17.2141
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00038	0.00035	0.01935	0.00410	0.00011	0.00032	0.00442	0.00474	0.00032	0.00121	0.00153	—	15.7908	15.7908	0.00001	0.00253	0.01338	16.5584
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00124	0.00112	0.00111	0.01421	0.00000	0.00000	0.00318	0.00318	0.00000	0.00074	0.00074	—	2.81061	2.81061	0.00005	0.00011	0.00455	2.84999
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00007	0.00006	0.00353	0.00075	0.00002	0.00006	0.00081	0.00086	0.00006	0.00022	0.00028	—	2.61435	2.61435	< 0.000005	0.00042	0.00221	2.74143

3.6.3. Onsite - 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
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.52913	0.43928	3.94145	5.56606	0.01037	0.11321	—	0.11321	0.10415	—	0.10415	—	910.323	910.323	0.03693	0.00739	—	913.447
Onsite truck	0.00734	0.00642	0.10886	0.08816	0.00020	0.00020	1.11345	1.11365	0.00020	0.11129	0.11149	—	22.4584	22.4584	0.00040	0.00351	0.01929	23.5322
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.03189	0.02648	0.23757	0.33549	0.00062	0.00682	—	0.00682	0.00628	—	0.00628	—	54.8688	54.8688	0.00223	0.00045	—	55.0571
Onsite truck	0.00042	0.00037	0.00680	0.00538	0.00001	0.00001	0.06296	0.06297	0.00001	0.00629	0.00631	—	1.36380	1.36380	0.00002	0.00022	0.00050	1.43004
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.00582	0.00483	0.04336	0.06123	0.00011	0.00125	—	0.00125	0.00115	—	0.00115	—	9.08416	9.08416	0.00037	0.00007	—	9.11533
Onsite truck	0.00008	0.00007	0.00124	0.00098	< 0.000005	< 0.000005	0.01149	0.01149	< 0.000005	0.00115	0.00115	—	0.22579	0.22579	< 0.000005	0.00004	0.00008	0.23676

3.6.4. Offsite - 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
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12217	0.11143	0.09016	1.66474	0.00000	0.00000	0.29335	0.29335	0.00000	0.06876	0.06876	—	307.475	307.475	0.00423	0.01127	1.05372	311.993
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00661	0.00600	0.30644	0.06737	0.00185	0.00529	0.07416	0.07945	0.00529	0.02030	0.02559	—	261.872	261.872	0.00026	0.04189	0.51451	274.875
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00679	0.00611	0.00608	0.07785	0.00000	0.00000	0.01743	0.01743	0.00000	0.00408	0.00408	—	16.9762	16.9762	0.00032	0.00068	0.02746	17.2141
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00038	0.00035	0.01935	0.00410	0.00011	0.00032	0.00442	0.00474	0.00032	0.00121	0.00153	—	15.7908	15.7908	0.00001	0.00253	0.01338	16.5584
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00124	0.00112	0.00111	0.01421	0.00000	0.00000	0.00318	0.00318	0.00000	0.00074	0.00074	—	2.81061	2.81061	0.00005	0.00011	0.00455	2.84999
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Hauling	0.00007	0.00006	0.00353	0.00075	0.00002	0.00006	0.00081	0.00086	0.00006	0.00022	0.00028	—	2.61435	2.61435	< 0.000005	0.00042	0.00221	2.74143

3.7. SCE - Whirlwind SS Civil & Elect. (2027)

3.7.1. Onsite - 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
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.47710	0.40055	4.25529	5.61229	0.00872	0.17168	—	0.17168	0.15795	—	0.15795	—	929.152	929.152	0.03769	0.00754	—	932.340
Onsite truck	0.00979	0.00855	0.14515	0.11755	0.00026	0.00026	5.88815	5.88842	0.00026	0.58781	0.58807	—	29.9445	29.9445	0.00053	0.00467	0.02573	31.3763
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05229	0.04390	0.46633	0.61505	0.00096	0.01881	—	0.01881	0.01731	—	0.01731	—	101.825	101.825	0.00413	0.00083	—	102.174
Onsite truck	0.00101	0.00090	0.01648	0.01304	0.00003	0.00003	0.60533	0.60536	0.00003	0.06043	0.06046	—	3.30618	3.30618	0.00004	0.00053	0.00122	3.46675
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00954	0.00801	0.08511	0.11225	0.00017	0.00343	—	0.00343	0.00316	—	0.00316	—	16.8583	16.8583	0.00068	0.00014	—	16.9161
Onsite truck	0.00019	0.00016	0.00301	0.00238	0.00001	0.00001	0.11047	0.11048	0.00001	0.01103	0.01103	—	0.54738	0.54738	0.00001	0.00009	0.00020	0.57396

3.7.2. Offsite - 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
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18326	0.16715	0.13524	2.49711	0.00000	0.00000	0.44003	0.44003	0.00000	0.10314	0.10314	—	461.212	461.212	0.00635	0.01691	1.58057	467.989
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00992	0.00899	0.45966	0.10106	0.00278	0.00794	0.11124	0.11918	0.00794	0.03046	0.03839	—	392.807	392.807	0.00040	0.06283	0.77176	412.313
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01852	0.01666	0.01659	0.21233	0.00000	0.00000	0.04752	0.04752	0.00000	0.01113	0.01113	—	46.2988	46.2988	0.00087	0.00185	0.07488	46.9475
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00104	0.00096	0.05278	0.01119	0.00030	0.00087	0.01206	0.01293	0.00087	0.00330	0.00417	—	43.0658	43.0658	0.00003	0.00690	0.03648	45.1593
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00338	0.00304	0.00303	0.03875	0.00000	0.00000	0.00867	0.00867	0.00000	0.00203	0.00203	—	7.66529	7.66529	0.00014	0.00031	0.01240	7.77269
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00019	0.00017	0.00963	0.00204	0.00006	0.00016	0.00220	0.00236	0.00016	0.00060	0.00076	—	7.13004	7.13004	< 0.000005	0.00114	0.00604	7.47663

3.7.3. Onsite - 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
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipm	0.47710	0.40055	4.25529	5.61229	0.00872	0.17168	—	0.17168	0.15795	—	0.15795	—	929.152	929.152	0.03769	0.00754	—	932.340
Onsite truck	0.00979	0.00855	0.14515	0.11755	0.00026	0.00026	1.48461	1.48487	0.00026	0.14839	0.14866	—	29.9445	29.9445	0.00053	0.00467	0.02573	31.3763
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05229	0.04390	0.46633	0.61505	0.00096	0.01881	—	0.01881	0.01731	—	0.01731	—	101.825	101.825	0.00413	0.00083	—	102.174
Onsite truck	0.00101	0.00090	0.01648	0.01304	0.00003	0.00003	0.15263	0.15266	0.00003	0.01526	0.01529	—	3.30618	3.30618	0.00004	0.00053	0.00122	3.46675
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00954	0.00801	0.08511	0.11225	0.00017	0.00343	—	0.00343	0.00316	—	0.00316	—	16.8583	16.8583	0.00068	0.00014	—	16.9161
Onsite truck	0.00019	0.00016	0.00301	0.00238	0.00001	0.00001	0.02785	0.02786	0.00001	0.00278	0.00279	—	0.54738	0.54738	0.00001	0.00009	0.00020	0.57396

3.7.4. Offsite - 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
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18326	0.16715	0.13524	2.49711	0.00000	0.00000	0.44003	0.44003	0.00000	0.10314	0.10314	—	461.212	461.212	0.00635	0.01691	1.58057	467.989
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00992	0.00899	0.45966	0.10106	0.00278	0.00794	0.11124	0.11918	0.00794	0.03046	0.03839	—	392.807	392.807	0.00040	0.06283	0.77176	412.313

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01852	0.01666	0.01659	0.21233	0.00000	0.00000	0.04752	0.04752	0.00000	0.01113	0.01113	—	46.2988	46.2988	0.00087	0.00185	0.07488	46.9475
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00104	0.00096	0.05278	0.01119	0.00030	0.00087	0.01206	0.01293	0.00087	0.00330	0.00417	—	43.0658	43.0658	0.00003	0.00690	0.03648	45.1593
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00338	0.00304	0.00303	0.03875	0.00000	0.00000	0.00867	0.00867	0.00000	0.00203	0.00203	—	7.66529	7.66529	0.00014	0.00031	0.01240	7.77269
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00019	0.00017	0.00963	0.00204	0.00006	0.00016	0.00220	0.00236	0.00016	0.00060	0.00076	—	7.13004	7.13004	< 0.000005	0.00114	0.00604	7.47663

3.8. Onsite Equipment Installation (2027)

3.8.1. Onsite - 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
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.39998	2.00638	19.4016	22.2029	0.03686	0.83560	—	0.83560	0.76875	—	0.76875	—	3,547.72	3,547.72	0.14391	0.02878	—	3,559.90
Onsite truck	0.01958	0.01711	0.29030	0.23510	0.00053	0.00053	11.7763	11.7768	0.00053	1.17562	1.17615	—	59.8890	59.8890	0.00106	0.00935	0.05145	62.7525
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	2.39998	2.00638	19.4016	22.2029	0.03686	0.83560	—	0.83560	0.76875	—	0.76875	—	3,547.72	3,547.72	0.14391	0.02878	—	3,559.90
Onsite truck	0.01711	0.01499	0.31359	0.24251	0.00053	0.00053	11.7763	11.7768	0.00053	1.17562	1.17615	—	60.9571	60.9571	0.00071	0.00970	0.00133	63.8668
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.11122	0.92898	8.98322	10.2802	0.01707	0.38690	—	0.38690	0.35594	—	0.35594	—	1,642.64	1,642.64	0.06663	0.01333	—	1,648.28
Onsite truck	0.00857	0.00759	0.13923	0.11016	0.00024	0.00024	5.11504	5.11528	0.00024	0.51064	0.51089	—	27.9372	27.9372	0.00033	0.00449	0.01028	29.2941
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.20280	0.16954	1.63944	1.87615	0.00311	0.07061	—	0.07061	0.06496	—	0.06496	—	271.958	271.958	0.01103	0.00221	—	272.892
Onsite truck	0.00156	0.00139	0.02541	0.02010	0.00004	0.00004	0.93349	0.93354	0.00004	0.09319	0.09324	—	4.62532	4.62532	0.00005	0.00074	0.00170	4.84997

3.8.2. Offsite - 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
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.50905	0.46429	0.37567	6.93640	0.00000	0.00000	1.22231	1.22231	0.00000	0.28651	0.28651	—	1,281.14	1,281.14	0.01764	0.04696	4.39048	1,299.97
Vendor	0.01947	0.01806	0.52791	0.20339	0.00409	0.00748	0.14226	0.14974	0.00748	0.03930	0.04678	—	503.235	503.235	0.00035	0.07048	1.14422	525.390
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.46495	0.41579	0.42042	4.83474	0.00000	0.00000	1.22231	1.22231	0.00000	0.28651	0.28651	—	1,139.65	1,139.65	0.01984	0.04696	0.11399	1,154.26
Vendor	0.01806	0.01665	0.55860	0.20671	0.00409	0.00748	0.14226	0.14974	0.00748	0.03930	0.04678	—	503.781	503.781	0.00035	0.07048	0.02967	524.822
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.21732	0.19558	0.19466	2.49190	0.00000	0.00000	0.55773	0.55773	0.00000	0.13060	0.13060	—	543.368	543.368	0.01021	0.02174	0.87880	550.981
Vendor	0.00885	0.00804	0.25710	0.09440	0.00189	0.00346	0.06506	0.06853	0.00346	0.01800	0.02146	—	233.111	233.111	0.00016	0.03263	0.22875	243.068
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03966	0.03569	0.03553	0.45477	0.00000	0.00000	0.10179	0.10179	0.00000	0.02384	0.02384	—	89.9607	89.9607	0.00169	0.00360	0.14550	91.2212
Vendor	0.00162	0.00147	0.04692	0.01723	0.00035	0.00063	0.01187	0.01251	0.00063	0.00328	0.00392	—	38.5941	38.5941	0.00003	0.00540	0.03787	40.2427
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.8.3. Onsite - 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
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.39998	2.00638	19.4016	22.2029	0.03686	0.83560	—	0.83560	0.76875	—	0.76875	—	3,547.72	3,547.72	0.14391	0.02878	—	3,559.90
Onsite truck	0.01958	0.01711	0.29030	0.23510	0.00053	0.00053	2.96921	2.96974	0.00053	0.29678	0.29731	—	59.8890	59.8890	0.00106	0.00935	0.05145	62.7525
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.39998	2.00638	19.4016	22.2029	0.03686	0.83560	—	0.83560	0.76875	—	0.76875	—	3,547.72	3,547.72	0.14391	0.02878	—	3,559.90

Onsite truck	0.01711	0.01499	0.31359	0.24251	0.00053	0.00053	2.96921	2.96974	0.00053	0.29678	0.29731	—	60.9571	60.9571	0.00071	0.00970	0.00133	63.8668
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.11122	0.92898	8.98322	10.2802	0.01707	0.38690	—	0.38690	0.35594	—	0.35594	—	1,642.64	1,642.64	0.06663	0.01333	—	1,648.28
Onsite truck	0.00857	0.00759	0.13923	0.11016	0.00024	0.00024	1.28972	1.28997	0.00024	0.12893	0.12917	—	27.9372	27.9372	0.00033	0.00449	0.01028	29.2941
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.20280	0.16954	1.63944	1.87615	0.00311	0.07061	—	0.07061	0.06496	—	0.06496	—	271.958	271.958	0.01103	0.00221	—	272.892
Onsite truck	0.00156	0.00139	0.02541	0.02010	0.00004	0.00004	0.23537	0.23542	0.00004	0.02353	0.02357	—	4.62532	4.62532	0.00005	0.00074	0.00170	4.84997

3.8.4. Offsite - 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
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.50905	0.46429	0.37567	6.93640	0.00000	0.00000	1.22231	1.22231	0.00000	0.28651	0.28651	—	1,281.14	1,281.14	0.01764	0.04696	4.39048	1,299.97
Vendor	0.01947	0.01806	0.52791	0.20339	0.00409	0.00748	0.14226	0.14974	0.00748	0.03930	0.04678	—	503.235	503.235	0.00035	0.07048	1.14422	525.390
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.46495	0.41579	0.42042	4.83474	0.00000	0.00000	1.22231	1.22231	0.00000	0.28651	0.28651	—	1,139.65	1,139.65	0.01984	0.04696	0.11399	1,154.26
Vendor	0.01806	0.01665	0.55860	0.20671	0.00409	0.00748	0.14226	0.14974	0.00748	0.03930	0.04678	—	503.781	503.781	0.00035	0.07048	0.02967	524.822
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.21732	0.19558	0.19466	2.49190	0.00000	0.00000	0.55773	0.55773	0.00000	0.13060	0.13060	—	543.368	543.368	0.01021	0.02174	0.87880	550.981
Vendor	0.00885	0.00804	0.25710	0.09440	0.00189	0.00346	0.06506	0.06853	0.00346	0.01800	0.02146	—	233.111	233.111	0.00016	0.03263	0.22875	243.068
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03966	0.03569	0.03553	0.45477	0.00000	0.00000	0.10179	0.10179	0.00000	0.02384	0.02384	—	89.9607	89.9607	0.00169	0.00360	0.14550	91.2212
Vendor	0.00162	0.00147	0.04692	0.01723	0.00035	0.00063	0.01187	0.01251	0.00063	0.00328	0.00392	—	38.5941	38.5941	0.00003	0.00540	0.03787	40.2427
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.9. Onsite Pave/Surface/Landscape (2027)

3.9.1. Onsite - 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
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.34262	1.12817	9.24434	17.0700	0.02560	0.45864	—	0.45864	0.42195	—	0.42195	—	2,771.58	2,771.58	0.11243	0.02249	—	2,781.09
Paving	0.00000	0.00000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.04160	0.03635	0.61690	0.49959	0.00112	0.00112	25.0246	25.0258	0.00112	2.49819	2.49932	—	127.264	127.264	0.00225	0.01986	0.10933	133.349
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.34262	1.12817	9.24434	17.0700	0.02560	0.45864	—	0.45864	0.42195	—	0.42195	—	2,771.58	2,771.58	0.11243	0.02249	—	2,781.09
Paving	0.00000	0.00000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.03635	0.03186	0.66637	0.51533	0.00112	0.00112	25.0246	25.0258	0.00112	2.49819	2.49932	—	129.534	129.534	0.00150	0.02061	0.00283	135.717
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.64004	0.53781	4.40689	8.13748	0.01220	0.21864	—	0.21864	0.20115	—	0.20115	—	1,321.24	1,321.24	0.05360	0.01072	—	1,325.78
Paving	0.00000	0.00000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.01876	0.01662	0.30462	0.24102	0.00054	0.00054	11.1910	11.1916	0.00054	1.11722	1.11776	—	61.1229	61.1229	0.00071	0.00983	0.02248	64.0916
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11681	0.09815	0.80426	1.48509	0.00223	0.03990	—	0.03990	0.03671	—	0.03671	—	218.747	218.747	0.00887	0.00177	—	219.498
Paving	0.00000	0.00000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00342	0.00303	0.05559	0.04399	0.00010	0.00010	2.04236	2.04246	0.00010	0.20389	0.20399	—	10.1196	10.1196	0.00012	0.00163	0.00372	10.6111

3.9.2. Offsite - 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
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.20362	0.18572	0.15027	2.77456	0.00000	0.00000	0.48892	0.48892	0.00000	0.11460	0.11460	—	512.458	512.458	0.00705	0.01878	1.75619	519.988
Vendor	0.00487	0.00452	0.13198	0.05085	0.00102	0.00187	0.03557	0.03744	0.00187	0.00983	0.01170	—	125.809	125.809	0.00009	0.01762	0.28606	131.348
Hauling	0.04960	0.04497	2.29832	0.50530	0.01389	0.03968	0.55620	0.59588	0.03968	0.15228	0.19196	—	1,964.04	1,964.04	0.00198	0.31416	3.85880	2,061.56
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18598	0.16632	0.16817	1.93389	0.00000	0.00000	0.48892	0.48892	0.00000	0.11460	0.11460	—	455.861	455.861	0.00794	0.01878	0.04560	461.703

Vendor	0.00452	0.00416	0.13965	0.05168	0.00102	0.00187	0.03557	0.03744	0.00187	0.00983	0.01170	—	125.945	125.945	0.00009	0.01762	0.00742	131.205
Hauling	0.04497	0.04101	2.41935	0.51919	0.01389	0.03968	0.55620	0.59588	0.03968	0.15228	0.19196	—	1,966.04	1,966.04	0.00132	0.31482	0.09987	2,059.99
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08950	0.08055	0.08017	1.02625	0.00000	0.00000	0.22969	0.22969	0.00000	0.05379	0.05379	—	223.777	223.777	0.00420	0.00895	0.36192	226.913
Vendor	0.00228	0.00207	0.06618	0.02430	0.00049	0.00089	0.01675	0.01764	0.00089	0.00463	0.00552	—	60.0019	60.0019	0.00004	0.00840	0.05888	62.5648
Hauling	0.02270	0.02081	1.14798	0.24340	0.00662	0.01892	0.26221	0.28113	0.01892	0.07186	0.09078	—	936.681	936.681	0.00063	0.15008	0.79352	982.214
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01633	0.01470	0.01463	0.18729	0.00000	0.00000	0.04192	0.04192	0.00000	0.00982	0.00982	—	37.0489	37.0489	0.00070	0.00148	0.05992	37.5680
Vendor	0.00042	0.00038	0.01208	0.00443	0.00009	0.00016	0.00306	0.00322	0.00016	0.00085	0.00101	—	9.93399	9.93399	0.00001	0.00139	0.00975	10.3583
Hauling	0.00414	0.00380	0.20951	0.04442	0.00121	0.00345	0.04785	0.05131	0.00345	0.01311	0.01657	—	155.078	155.078	0.00010	0.02485	0.13138	162.617

3.9.3. Onsite - 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
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.34262	1.12817	9.24434	17.0700	0.02560	0.45864	—	0.45864	0.42195	—	0.42195	—	2,771.58	2,771.58	0.11243	0.02249	—	2,781.09
Paving	0.00000	0.00000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.04160	0.03635	0.61690	0.49959	0.00112	0.00112	6.30957	6.31070	0.00112	0.63067	0.63179	—	127.264	127.264	0.00225	0.01986	0.10933	133.349
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.34262	1.12817	9.24434	17.0700	0.02560	0.45864	—	0.45864	0.42195	—	0.42195	—	2,771.58	2,771.58	0.11243	0.02249	—	2,781.09
Paving	0.00000	0.00000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.03635	0.03186	0.66637	0.51533	0.00112	0.00112	6.30957	6.31070	0.00112	0.63067	0.63179	—	129.534	129.534	0.00150	0.02061	0.00283	135.717
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.64004	0.53781	4.40689	8.13748	0.01220	0.21864	—	0.21864	0.20115	—	0.20115	—	1,321.24	1,321.24	0.05360	0.01072	—	1,325.78
Paving	0.00000	0.00000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.01876	0.01662	0.30462	0.24102	0.00054	0.00054	2.82174	2.82228	0.00054	0.28208	0.28261	—	61.1229	61.1229	0.00071	0.00983	0.02248	64.0916
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11681	0.09815	0.80426	1.48509	0.00223	0.03990	—	0.03990	0.03671	—	0.03671	—	218.747	218.747	0.00887	0.00177	—	219.498
Paving	0.00000	0.00000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00342	0.00303	0.05559	0.04399	0.00010	0.00010	0.51497	0.51507	0.00010	0.05148	0.05158	—	10.1196	10.1196	0.00012	0.00163	0.00372	10.6111

3.9.4. Offsite - 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
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.20362	0.18572	0.15027	2.77456	0.00000	0.00000	0.48892	0.48892	0.00000	0.11460	0.11460	—	512.458	512.458	0.00705	0.01878	1.75619	519.988
Vendor	0.00487	0.00452	0.13198	0.05085	0.00102	0.00187	0.03557	0.03744	0.00187	0.00983	0.01170	—	125.809	125.809	0.00009	0.01762	0.28606	131.348
Hauling	0.04960	0.04497	2.29832	0.50530	0.01389	0.03968	0.55620	0.59588	0.03968	0.15228	0.19196	—	1,964.04	1,964.04	0.00198	0.31416	3.85880	2,061.56
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18598	0.16632	0.16817	1.93389	0.00000	0.00000	0.48892	0.48892	0.00000	0.11460	0.11460	—	455.861	455.861	0.00794	0.01878	0.04560	461.703

Vendor	0.00452	0.00416	0.13965	0.05168	0.00102	0.00187	0.03557	0.03744	0.00187	0.00983	0.01170	—	125.945	125.945	0.00009	0.01762	0.00742	131.205
Hauling	0.04497	0.04101	2.41935	0.51919	0.01389	0.03968	0.55620	0.59588	0.03968	0.15228	0.19196	—	1,966.04	1,966.04	0.00132	0.31482	0.09987	2,059.99
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08950	0.08055	0.08017	1.02625	0.00000	0.00000	0.22969	0.22969	0.00000	0.05379	0.05379	—	223.777	223.777	0.00420	0.00895	0.36192	226.913
Vendor	0.00228	0.00207	0.06618	0.02430	0.00049	0.00089	0.01675	0.01764	0.00089	0.00463	0.00552	—	60.0019	60.0019	0.00004	0.00840	0.05888	62.5648
Hauling	0.02270	0.02081	1.14798	0.24340	0.00662	0.01892	0.26221	0.28113	0.01892	0.07186	0.09078	—	936.681	936.681	0.00063	0.15008	0.79352	982.214
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01633	0.01470	0.01463	0.18729	0.00000	0.00000	0.04192	0.04192	0.00000	0.00982	0.00982	—	37.0489	37.0489	0.00070	0.00148	0.05992	37.5680
Vendor	0.00042	0.00038	0.01208	0.00443	0.00009	0.00016	0.00306	0.00322	0.00016	0.00085	0.00101	—	9.93399	9.93399	0.00001	0.00139	0.00975	10.3583
Hauling	0.00414	0.00380	0.20951	0.04442	0.00121	0.00345	0.04785	0.05131	0.00345	0.01311	0.01657	—	155.078	155.078	0.00010	0.02485	0.13138	162.617

3.10. Onsite Trench/Backfill (2027)

3.10.1. Onsite - 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
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.46950	0.39382	3.28459	6.46638	0.01169	0.13261	—	0.13261	0.12200	—	0.12200	—	1,235.77	1,235.77	0.05013	0.01003	—	1,240.01
Onsite truck	0.00489	0.00428	0.07258	0.05878	0.00013	0.00013	2.94408	2.94421	0.00013	0.29391	0.29404	—	14.9723	14.9723	0.00026	0.00234	0.01286	15.6881
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.46950	0.39382	3.28459	6.46638	0.01169	0.13261	—	0.13261	0.12200	—	0.12200	—	1,235.77	1,235.77	0.05013	0.01003	—	1,240.01

Onsite truck	0.00428	0.00375	0.07840	0.06063	0.00013	0.00013	2.94408	2.94421	0.00013	0.29391	0.29404	—	15.2393	15.2393	0.00018	0.00243	0.00033	15.9667
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11320	0.09495	0.79190	1.55902	0.00282	0.03197	—	0.03197	0.02941	—	0.02941	—	297.938	297.938	0.01209	0.00242	—	298.960
Onsite truck	0.00112	0.00099	0.01813	0.01434	0.00003	0.00003	0.66586	0.66589	0.00003	0.06647	0.06651	—	3.63679	3.63679	0.00004	0.00058	0.00134	3.81343
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02066	0.01733	0.14452	0.28452	0.00051	0.00583	—	0.00583	0.00537	—	0.00537	—	49.3270	49.3270	0.00200	0.00040	—	49.4963
Onsite truck	0.00020	0.00018	0.00331	0.00262	0.00001	0.00001	0.12152	0.12153	0.00001	0.01213	0.01214	—	0.60211	0.60211	0.00001	0.00010	0.00022	0.63136

3.10.2. Offsite - 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
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16290	0.14857	0.12021	2.21965	0.00000	0.00000	0.39114	0.39114	0.00000	0.09168	0.09168	—	409.966	409.966	0.00564	0.01503	1.40495	415.990
Vendor	0.00487	0.00452	0.13198	0.05085	0.00102	0.00187	0.03557	0.03744	0.00187	0.00983	0.01170	—	125.809	125.809	0.00009	0.01762	0.28606	131.348
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14879	0.13305	0.13453	1.54712	0.00000	0.00000	0.39114	0.39114	0.00000	0.09168	0.09168	—	364.689	364.689	0.00635	0.01503	0.03648	369.362
Vendor	0.00452	0.00416	0.13965	0.05168	0.00102	0.00187	0.03557	0.03744	0.00187	0.00983	0.01170	—	125.945	125.945	0.00009	0.01762	0.00742	131.205
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03621	0.03259	0.03244	0.41522	0.00000	0.00000	0.09293	0.09293	0.00000	0.02176	0.02176	—	90.5398	90.5398	0.00170	0.00362	0.14643	91.8084
Vendor	0.00115	0.00105	0.03347	0.01229	0.00025	0.00045	0.00847	0.00892	0.00045	0.00234	0.00279	—	30.3458	30.3458	0.00002	0.00425	0.02978	31.6420
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00661	0.00595	0.00592	0.07578	0.00000	0.00000	0.01696	0.01696	0.00000	0.00397	0.00397	—	14.9899	14.9899	0.00028	0.00060	0.02424	15.1999
Vendor	0.00021	0.00019	0.00611	0.00224	0.00005	0.00008	0.00155	0.00163	0.00008	0.00043	0.00051	—	5.02409	5.02409	< 0.000005	0.00070	0.00493	5.23869
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.10.3. Onsite - 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
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.46950	0.39382	3.28459	6.46638	0.01169	0.13261	—	0.13261	0.12200	—	0.12200	—	1,235.77	1,235.77	0.05013	0.01003	—	1,240.01
Onsite truck	0.00489	0.00428	0.07258	0.05878	0.00013	0.00013	0.74230	0.74244	0.00013	0.07420	0.07433	—	14.9723	14.9723	0.00026	0.00234	0.01286	15.6881
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.46950	0.39382	3.28459	6.46638	0.01169	0.13261	—	0.13261	0.12200	—	0.12200	—	1,235.77	1,235.77	0.05013	0.01003	—	1,240.01
Onsite truck	0.00428	0.00375	0.07840	0.06063	0.00013	0.00013	0.74230	0.74244	0.00013	0.07420	0.07433	—	15.2393	15.2393	0.00018	0.00243	0.00033	15.9667
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.11320	0.09495	0.79190	1.55902	0.00282	0.03197	—	0.03197	0.02941	—	0.02941	—	297.938	297.938	0.01209	0.00242	—	298.960
Onsite truck	0.00112	0.00099	0.01813	0.01434	0.00003	0.00003	0.16789	0.16792	0.00003	0.01678	0.01682	—	3.63679	3.63679	0.00004	0.00058	0.00134	3.81343
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.02066	0.01733	0.14452	0.28452	0.00051	0.00583	—	0.00583	0.00537	—	0.00537	—	49.3270	49.3270	0.00200	0.00040	—	49.4963
Onsite truck	0.00020	0.00018	0.00331	0.00262	0.00001	0.00001	0.03064	0.03065	0.00001	0.00306	0.00307	—	0.60211	0.60211	0.00001	0.00010	0.00022	0.63136

3.10.4. Offsite - 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
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16290	0.14857	0.12021	2.21965	0.00000	0.00000	0.39114	0.39114	0.00000	0.09168	0.09168	—	409.966	409.966	0.00564	0.01503	1.40495	415.990
Vendor	0.00487	0.00452	0.13198	0.05085	0.00102	0.00187	0.03557	0.03744	0.00187	0.00983	0.01170	—	125.809	125.809	0.00009	0.01762	0.28606	131.348
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14879	0.13305	0.13453	1.54712	0.00000	0.00000	0.39114	0.39114	0.00000	0.09168	0.09168	—	364.689	364.689	0.00635	0.01503	0.03648	369.362
Vendor	0.00452	0.00416	0.13965	0.05168	0.00102	0.00187	0.03557	0.03744	0.00187	0.00983	0.01170	—	125.945	125.945	0.00009	0.01762	0.00742	131.205
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03621	0.03259	0.03244	0.41522	0.00000	0.00000	0.09293	0.09293	0.00000	0.02176	0.02176	—	90.5398	90.5398	0.00170	0.00362	0.14643	91.8084
Vendor	0.00115	0.00105	0.03347	0.01229	0.00025	0.00045	0.00847	0.00892	0.00045	0.00234	0.00279	—	30.3458	30.3458	0.00002	0.00425	0.02978	31.6420
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00661	0.00595	0.00592	0.07578	0.00000	0.00000	0.01696	0.01696	0.00000	0.00397	0.00397	—	14.9899	14.9899	0.00028	0.00060	0.02424	15.1999
Vendor	0.00021	0.00019	0.00611	0.00224	0.00005	0.00008	0.00155	0.00163	0.00008	0.00043	0.00051	—	5.02409	5.02409	< 0.000005	0.00070	0.00493	5.23869
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Mobile source emissions results are presented in Sections 2.6. No further detailed breakdown of emissions is available.

4.1.2. Mitigated

Mobile source emissions results are presented in Sections 2.5. No further detailed breakdown of emissions is available.

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 Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	2.98256	2.98256	0.00019	0.00002	—	2.99387
Total	—	—	—	—	—	—	—	—	—	—	—	—	2.98256	2.98256	0.00019	0.00002	—	2.99387
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	2.98256	2.98256	0.00019	0.00002	—	2.99387
Total	—	—	—	—	—	—	—	—	—	—	—	—	2.98256	2.98256	0.00019	0.00002	—	2.99387
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	0.49380	0.49380	0.00003	< 0.000005	—	0.49567
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.49380	0.49380	0.00003	< 0.000005	—	0.49567

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 Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	2.98256	2.98256	0.00019	0.00002	—	2.99387
Total	—	—	—	—	—	—	—	—	—	—	—	—	2.98256	2.98256	0.00019	0.00002	—	2.99387
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	2.98256	2.98256	0.00019	0.00002	—	2.99387
Total	—	—	—	—	—	—	—	—	—	—	—	—	2.98256	2.98256	0.00019	0.00002	—	2.99387
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	0.49380	0.49380	0.00003	< 0.000005	—	0.49567

Total	—	—	—	—	—	—	—	—	—	—	—	—	0.49380	0.49380	0.00003	< 0.000005	—	0.49567

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cranes	0.27473	0.23085	2.05623	2.54011	0.00375	0.10943	—	0.10943	0.10067	—	0.10067	—	405.702	405.702	0.01646	0.00329	—	407.094
Forklifts	0.08816	0.07408	0.75671	0.46287	0.00051	0.05196	—	0.05196	0.04780	—	0.04780	—	55.6712	55.6712	0.00226	0.00045	—	55.8623
Tractors/ Loaders/ Backhoes	0.05843	0.04910	0.31782	1.01329	0.00159	0.01549	—	0.01549	0.01425	—	0.01425	—	171.604	171.604	0.00696	0.00139	—	172.193
Total	0.42132	0.35403	3.13077	4.01628	0.00584	0.17687	—	0.17687	0.16272	—	0.16272	—	632.977	632.977	0.02568	0.00514	—	635.149
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cranes	0.27473	0.23085	2.05623	2.54011	0.00375	0.10943	—	0.10943	0.10067	—	0.10067	—	405.702	405.702	0.01646	0.00329	—	407.094
Forklifts	0.08816	0.07408	0.75671	0.46287	0.00051	0.05196	—	0.05196	0.04780	—	0.04780	—	55.6712	55.6712	0.00226	0.00045	—	55.8623
Tractors/ Loaders/ Backhoes	0.05843	0.04910	0.31782	1.01329	0.00159	0.01549	—	0.01549	0.01425	—	0.01425	—	171.604	171.604	0.00696	0.00139	—	172.193
Total	0.42132	0.35403	3.13077	4.01628	0.00584	0.17687	—	0.17687	0.16272	—	0.16272	—	632.977	632.977	0.02568	0.00514	—	635.149
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cranes	0.00158	0.00133	0.01182	0.01461	0.00002	0.00063	—	0.00063	0.00058	—	0.00058	—	2.11627	2.11627	0.00009	0.00002	—	2.12353
Forklifts	0.00057	0.00048	0.00492	0.00301	< 0.000005	0.00034	—	0.00034	0.00031	—	0.00031	—	0.32828	0.32828	0.00001	< 0.000005	—	0.32940

Tractors/	0.00047	0.00039	0.00254	0.00811	0.00001	0.00012	—	0.00012	0.00011	—	0.00011	—	1.24541	1.24541	0.00005	0.00001	—	1.24969
Total	0.00262	0.00220	0.01928	0.02572	0.00004	0.00109	—	0.00109	0.00100	—	0.00100	—	3.68996	3.68996	0.00015	0.00003	—	3.70262

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cranes	0.27473	0.23085	2.05623	2.54011	0.00375	0.10943	—	0.10943	0.10067	—	0.10067	—	405.702	405.702	0.01646	0.00329	—	407.094
Forklifts	0.08816	0.07408	0.75671	0.46287	0.00051	0.05196	—	0.05196	0.04780	—	0.04780	—	55.6712	55.6712	0.00226	0.00045	—	55.8623
Tractors/ Loaders/ Backhoes	0.05843	0.04910	0.31782	1.01329	0.00159	0.01549	—	0.01549	0.01425	—	0.01425	—	171.604	171.604	0.00696	0.00139	—	172.193
Total	0.42132	0.35403	3.13077	4.01628	0.00584	0.17687	—	0.17687	0.16272	—	0.16272	—	632.977	632.977	0.02568	0.00514	—	635.149
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cranes	0.27473	0.23085	2.05623	2.54011	0.00375	0.10943	—	0.10943	0.10067	—	0.10067	—	405.702	405.702	0.01646	0.00329	—	407.094
Forklifts	0.08816	0.07408	0.75671	0.46287	0.00051	0.05196	—	0.05196	0.04780	—	0.04780	—	55.6712	55.6712	0.00226	0.00045	—	55.8623
Tractors/ Loaders/ Backhoes	0.05843	0.04910	0.31782	1.01329	0.00159	0.01549	—	0.01549	0.01425	—	0.01425	—	171.604	171.604	0.00696	0.00139	—	172.193
Total	0.42132	0.35403	3.13077	4.01628	0.00584	0.17687	—	0.17687	0.16272	—	0.16272	—	632.977	632.977	0.02568	0.00514	—	635.149
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cranes	0.00158	0.00133	0.01182	0.01461	0.00002	0.00063	—	0.00063	0.00058	—	0.00058	—	2.11627	2.11627	0.00009	0.00002	—	2.12353
Forklifts	0.00057	0.00048	0.00492	0.00301	< 0.000005	0.00034	—	0.00034	0.00031	—	0.00031	—	0.32828	0.32828	0.00001	< 0.000005	—	0.32940

Tractors/ Loaders/	0.00047	0.00039	0.00254	0.00811	0.00001	0.00012	—	0.00012	0.00011	—	0.00011	—	1.24541	1.24541	0.00005	0.00001	—	1.24969
Total	0.00262	0.00220	0.01928	0.02572	0.00004	0.00109	—	0.00109	0.00100	—	0.00100	—	3.68996	3.68996	0.00015	0.00003	—	3.70262

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.90157	0.82042	2.29336	0.10622	0.00394	0.00563	0.00000	0.00563	0.00563	0.00000	0.00563	0.00000	419.757	419.757	0.01685	0.00329	0.00000	421.158
Total	0.90157	0.82042	2.29336	0.10622	0.00394	0.00563	0.00000	0.00563	0.00563	0.00000	0.00563	0.00000	419.757	419.757	0.01685	0.00329	0.00000	421.158
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.90157	0.82042	2.29336	0.10622	0.00394	0.00563	0.00000	0.00563	0.00563	0.00000	0.00563	0.00000	419.757	419.757	0.01685	0.00329	0.00000	421.158
Total	0.90157	0.82042	2.29336	0.10622	0.00394	0.00563	0.00000	0.00563	0.00563	0.00000	0.00563	0.00000	419.757	419.757	0.01685	0.00329	0.00000	421.158
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.00541	0.00492	0.01376	0.00064	0.00002	0.00003	0.00000	0.00003	0.00003	0.00000	0.00003	0.00000	2.28479	2.28479	0.00009	0.00002	0.00000	2.29241
Total	0.00541	0.00492	0.01376	0.00064	0.00002	0.00003	0.00000	0.00003	0.00003	0.00000	0.00003	0.00000	2.28479	2.28479	0.00009	0.00002	0.00000	2.29241

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.90157	0.82042	2.29336	0.10622	0.00394	0.00563	0.00000	0.00563	0.00563	0.00000	0.00563	0.00000	419.757	419.757	0.01685	0.00329	0.00000	421.158
Total	0.90157	0.82042	2.29336	0.10622	0.00394	0.00563	0.00000	0.00563	0.00563	0.00000	0.00563	0.00000	419.757	419.757	0.01685	0.00329	0.00000	421.158
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.90157	0.82042	2.29336	0.10622	0.00394	0.00563	0.00000	0.00563	0.00563	0.00000	0.00563	0.00000	419.757	419.757	0.01685	0.00329	0.00000	421.158
Total	0.90157	0.82042	2.29336	0.10622	0.00394	0.00563	0.00000	0.00563	0.00563	0.00000	0.00563	0.00000	419.757	419.757	0.01685	0.00329	0.00000	421.158
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.00541	0.00492	0.01376	0.00064	0.00002	0.00003	0.00000	0.00003	0.00003	0.00000	0.00003	0.00000	2.28479	2.28479	0.00009	0.00002	0.00000	2.29241
Total	0.00541	0.00492	0.01376	0.00064	0.00002	0.00003	0.00000	0.00003	0.00003	0.00000	0.00003	0.00000	2.28479	2.28479	0.00009	0.00002	0.00000	2.29241

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Onsite Clearing/Grading	Grading	1/1/2027	6/30/2027	5.00000	129.000	—

SCE Whirlwind IT/Telecom	Building Construction	1/1/2027	1/31/2027	5.00000	21.0000	—
SCE Clear Veg. & Install Tline Supports & UG	Building Construction	2/1/2027	3/31/2027	5.00000	42.0000	—
Onsite SS Construction	Building Construction	6/1/2027	11/30/2027	5.00000	125.000	—
Onsite Equipment Foundations & T-Poles	Building Construction	3/1/2027	9/30/2027	5.00000	154.000	—
SCE - Tline OH	Building Construction	4/1/2027	4/30/2027	5.00000	22.0000	—
SCE - Whirlwind SS Civil & Elect.	Building Construction	5/3/2027	6/30/2027	5.00000	40.0000	—
Onsite Equipment Installation	Building Construction	4/1/2027	11/30/2027	5.00000	169.000	—
Onsite Pave/Surface/Landscape	Paving	5/3/2027	12/31/2027	5.00000	174.000	—
Onsite Trench/Backfill	Trenching	3/1/2027	6/30/2027	5.00000	88.0000	—

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
Onsite Clearing/Grading	Crawler Tractors	Diesel	Average	2.00000	8.00000	150.000	0.43000
Onsite Clearing/Grading	Other Construction Equipment	Diesel	Average	1.000000	8.00000	25.0000	0.40000
Onsite Clearing/Grading	Graders	Diesel	Average	2.00000	8.00000	140.000	0.41000
Onsite Clearing/Grading	Other Construction Equipment	Diesel	Average	2.00000	8.00000	180.000	0.42000
Onsite Clearing/Grading	Rollers	Diesel	Average	2.00000	8.00000	75.0000	0.38000
Onsite Clearing/Grading	Tractors/Loaders/Backhoes	Diesel	Average	1.000000	5.00000	100.0000	0.37000

SCE Whirlwind IT/Telecom	Plate Compactors	Diesel	Average	2.00000	4.00000	5.00000	0.43000
SCE Whirlwind IT/Telecom	Skid Steer Loaders	Diesel	Average	1.000000	8.00000	70.0000	0.37000
SCE Whirlwind IT/Telecom	Aerial Lifts	Diesel	Average	1.000000	12.0000	100.0000	0.31000
SCE Whirlwind IT/Telecom	Other General Industrial Equipment	Diesel	Average	1.000000	4.00000	15.0000	0.34000
SCE Whirlwind IT/Telecom	Trenchers	Diesel	Average	1.000000	4.00000	20.0000	0.50000
SCE Clear Veg. & Install Tline Supports & UG	Bore/Drill Rigs	Diesel	Average	1.000000	8.00000	160.000	0.50000
SCE Clear Veg. & Install Tline Supports & UG	Cranes	Diesel	Average	1.000000	8.00000	150.000	0.29000
SCE Clear Veg. & Install Tline Supports & UG	Crawler Tractors	Diesel	Average	1.000000	8.00000	150.000	0.43000
SCE Clear Veg. & Install Tline Supports & UG	Other Material Handling Equipment	Diesel	Average	1.000000	8.00000	25.0000	0.40000
SCE Clear Veg. & Install Tline Supports & UG	Generator Sets	Diesel	Average	1.000000	8.00000	60.0000	0.74000
SCE Clear Veg. & Install Tline Supports & UG	Other Construction Equipment	Diesel	Average	1.000000	2.00000	180.000	0.38000
SCE Clear Veg. & Install Tline Supports & UG	Plate Compactors	Diesel	Average	2.00000	4.00000	5.00000	0.43000
Onsite SS Construction	Aerial Lifts	Diesel	Average	2.00000	8.00000	25.0000	0.31000
Onsite SS Construction	Cranes	Diesel	Average	1.000000	8.00000	150.000	0.29000
Onsite SS Construction	Forklifts	Diesel	Average	1.000000	4.00000	60.0000	0.20000

Onsite SS Construction	Generator Sets	Diesel	Average	1.000000	10.00000	60.0000	0.74000
Onsite Equipment Foundations & T-Poles	Bore/Drill Rigs	Diesel	Average	1.000000	8.00000	160.000	0.50000
Onsite Equipment Foundations & T-Poles	Cranes	Diesel	Average	1.000000	8.00000	150.000	0.29000
Onsite Equipment Foundations & T-Poles	Forklifts	Diesel	Average	1.000000	4.00000	60.0000	0.20000
Onsite Equipment Foundations & T-Poles	Generator Sets	Diesel	Average	2.00000	10.00000	60.0000	0.74000
Onsite Equipment Foundations & T-Poles	Other Construction Equipment	Diesel	Average	1.000000	3.00000	180.000	0.42000
Onsite Equipment Foundations & T-Poles	Other Material Handling Equipment	Diesel	Average	2.00000	4.00000	40.0000	0.40000
Onsite Equipment Foundations & T-Poles	Skid Steer Loaders	Diesel	Average	2.00000	5.00000	70.0000	0.37000
Onsite Equipment Foundations & T-Poles	Tractors/Loaders/Backhoes	Diesel	Average	2.00000	8.00000	100.0000	0.37000
Onsite Equipment Foundations & T-Poles	Aerial Lifts	Diesel	Average	1.000000	8.00000	100.0000	0.31000
Onsite Equipment Foundations & T-Poles	Other General Industrial Equipment	Diesel	Average	1.000000	8.00000	15.0000	0.34000
Onsite Equipment Foundations & T-Poles	Other General Industrial Equipment	Diesel	Average	1.000000	8.00000	100.0000	0.34000
SCE - Tline OH	Generator Sets	Diesel	Average	1.000000	8.00000	60.0000	0.74000
SCE - Tline OH	Aerial Lifts	Diesel	Average	1.000000	2.00000	100.0000	0.31000
SCE - Tline OH	Other General Industrial Equipment	Diesel	Average	1.000000	8.00000	15.0000	0.34000
SCE - Tline OH	Other General Industrial Equipment	Diesel	Average	1.000000	8.00000	100.0000	0.34000
SCE - Whirlwind SS Civil & Elect.	Aerial Lifts	Diesel	Average	2.00000	8.00000	25.0000	0.31000
SCE - Whirlwind SS Civil & Elect.	Cranes	Diesel	Average	1.000000	8.00000	150.000	0.29000

SCE - Whirlwind SS Civil & Elect.	Forklifts	Diesel	Average	1.000000	2.00000	60.0000	0.20000
SCE - Whirlwind SS Civil & Elect.	Plate Compactors	Diesel	Average	2.00000	4.00000	5.00000	0.43000
SCE - Whirlwind SS Civil & Elect.	Skid Steer Loaders	Diesel	Average	1.000000	8.00000	70.0000	0.37000
SCE - Whirlwind SS Civil & Elect.	Aerial Lifts	Diesel	Average	1.000000	2.00000	100.0000	0.31000
Onsite Equipment Installation	Cranes	Diesel	Average	4.00000	8.00000	150.000	0.29000
Onsite Equipment Installation	Forklifts	Diesel	Average	2.00000	8.00000	60.0000	0.20000
Onsite Equipment Installation	Generator Sets	Diesel	Average	2.00000	10.00000	60.0000	0.74000
Onsite Equipment Installation	Other Construction Equipment	Diesel	Average	1.000000	2.00000	180.000	0.42000
Onsite Equipment Installation	Skid Steer Loaders	Diesel	Average	2.00000	4.00000	70.0000	0.37000
Onsite Equipment Installation	Tractors/Loaders/Backhoes	Diesel	Average	2.00000	2.00000	100.0000	0.37000
Onsite Pave/Surface/Landscape	Graders	Diesel	Average	2.00000	8.00000	140.000	0.41000
Onsite Pave/Surface/Landscape	Paving Equipment	Diesel	Average	1.000000	8.00000	150.000	0.36000
Onsite Pave/Surface/Landscape	Rollers	Diesel	Average	1.000000	8.00000	75.0000	0.38000
Onsite Pave/Surface/Landscape	Skid Steer Loaders	Diesel	Average	1.000000	8.00000	70.0000	0.37000
Onsite Pave/Surface/Landscape	Tractors/Loaders/Backhoes	Diesel	Average	2.00000	8.00000	100.0000	0.37000
Onsite Trench/Backfill	Other Construction Equipment	Diesel	Average	1.000000	3.00000	180.000	0.42000
Onsite Trench/Backfill	Plate Compactors	Diesel	Average	2.00000	8.00000	5.00000	0.43000
Onsite Trench/Backfill	Skid Steer Loaders	Diesel	Average	1.000000	8.00000	70.0000	0.37000

Onsite Trench/Backfill	Tractors/Loaders/Back	Diesel	Average	2.00000	8.00000	100.0000	0.37000

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Onsite Clearing/Grading	Crawler Tractors	Diesel	Average	2.00000	8.00000	150.000	0.43000
Onsite Clearing/Grading	Other Construction Equipment	Diesel	Average	1.000000	8.00000	25.0000	0.40000
Onsite Clearing/Grading	Graders	Diesel	Average	2.00000	8.00000	140.000	0.41000
Onsite Clearing/Grading	Other Construction Equipment	Diesel	Average	2.00000	8.00000	180.000	0.42000
Onsite Clearing/Grading	Rollers	Diesel	Average	2.00000	8.00000	75.0000	0.38000
Onsite Clearing/Grading	Tractors/Loaders/Backhoes	Diesel	Average	1.000000	5.00000	100.0000	0.37000
SCE Whirlwind IT/Telecom	Plate Compactors	Diesel	Average	2.00000	4.00000	5.00000	0.43000
SCE Whirlwind IT/Telecom	Skid Steer Loaders	Diesel	Average	1.000000	8.00000	70.0000	0.37000
SCE Whirlwind IT/Telecom	Aerial Lifts	Diesel	Average	1.000000	12.0000	100.0000	0.31000
SCE Whirlwind IT/Telecom	Other General Industrial Equipment	Diesel	Average	1.000000	4.00000	15.0000	0.34000
SCE Whirlwind IT/Telecom	Trenchers	Diesel	Average	1.000000	4.00000	20.0000	0.50000
SCE Clear Veg. & Install Tline Supports & UG	Bore/Drill Rigs	Diesel	Average	1.000000	8.00000	160.000	0.50000
SCE Clear Veg. & Install Tline Supports & UG	Cranes	Diesel	Average	1.000000	8.00000	150.000	0.29000

SCE Clear Veg. & Install Tline Supports & UG	Crawler Tractors	Diesel	Average	1.000000	8.00000	150.000	0.43000
SCE Clear Veg. & Install Tline Supports & UG	Other Material Handling Equipment	Diesel	Average	1.000000	8.00000	25.0000	0.40000
SCE Clear Veg. & Install Tline Supports & UG	Generator Sets	Diesel	Average	1.000000	8.00000	60.0000	0.74000
SCE Clear Veg. & Install Tline Supports & UG	Other Construction Equipment	Diesel	Average	1.000000	2.00000	180.000	0.38000
SCE Clear Veg. & Install Tline Supports & UG	Plate Compactors	Diesel	Average	2.00000	4.00000	5.00000	0.43000
Onsite SS Construction	Aerial Lifts	Diesel	Average	2.00000	8.00000	25.0000	0.31000
Onsite SS Construction	Cranes	Diesel	Average	1.000000	8.00000	150.000	0.29000
Onsite SS Construction	Forklifts	Diesel	Average	1.000000	4.00000	60.0000	0.20000
Onsite SS Construction	Generator Sets	Diesel	Average	1.000000	10.00000	60.0000	0.74000
Onsite Equipment Foundations & T-Poles	Bore/Drill Rigs	Diesel	Average	1.000000	8.00000	160.000	0.50000
Onsite Equipment Foundations & T-Poles	Cranes	Diesel	Average	1.000000	8.00000	150.000	0.29000
Onsite Equipment Foundations & T-Poles	Forklifts	Diesel	Average	1.000000	4.00000	60.0000	0.20000
Onsite Equipment Foundations & T-Poles	Generator Sets	Diesel	Average	2.00000	10.00000	60.0000	0.74000
Onsite Equipment Foundations & T-Poles	Other Construction Equipment	Diesel	Average	1.000000	3.00000	180.000	0.42000
Onsite Equipment Foundations & T-Poles	Other Material Handling Equipment	Diesel	Average	2.00000	4.00000	40.0000	0.40000

Onsite Equipment Foundations & T-Poles	Skid Steer Loaders	Diesel	Average	2.00000	5.00000	70.0000	0.37000
Onsite Equipment Foundations & T-Poles	Tractors/Loaders/Backhoes	Diesel	Average	2.00000	8.00000	100.0000	0.37000
Onsite Equipment Foundations & T-Poles	Aerial Lifts	Diesel	Average	1.000000	8.00000	100.0000	0.31000
Onsite Equipment Foundations & T-Poles	Other General Industrial Equipment	Diesel	Average	1.000000	8.00000	15.0000	0.34000
Onsite Equipment Foundations & T-Poles	Other General Industrial Equipment	Diesel	Average	1.000000	8.00000	100.0000	0.34000
SCE - Tline OH	Generator Sets	Diesel	Average	1.000000	8.00000	60.0000	0.74000
SCE - Tline OH	Aerial Lifts	Diesel	Average	1.000000	2.00000	100.0000	0.31000
SCE - Tline OH	Other General Industrial Equipment	Diesel	Average	1.000000	8.00000	15.0000	0.34000
SCE - Tline OH	Other General Industrial Equipment	Diesel	Average	1.000000	8.00000	100.0000	0.34000
SCE - Whirlwind SS Civil & Elect.	Aerial Lifts	Diesel	Average	2.00000	8.00000	25.0000	0.31000
SCE - Whirlwind SS Civil & Elect.	Cranes	Diesel	Average	1.000000	8.00000	150.000	0.29000
SCE - Whirlwind SS Civil & Elect.	Forklifts	Diesel	Average	1.000000	2.00000	60.0000	0.20000
SCE - Whirlwind SS Civil & Elect.	Plate Compactors	Diesel	Average	2.00000	4.00000	5.00000	0.43000
SCE - Whirlwind SS Civil & Elect.	Skid Steer Loaders	Diesel	Average	1.000000	8.00000	70.0000	0.37000
SCE - Whirlwind SS Civil & Elect.	Aerial Lifts	Diesel	Average	1.000000	2.00000	100.0000	0.31000
Onsite Equipment Installation	Cranes	Diesel	Average	4.00000	8.00000	150.000	0.29000
Onsite Equipment Installation	Forklifts	Diesel	Average	2.00000	8.00000	60.0000	0.20000
Onsite Equipment Installation	Generator Sets	Diesel	Average	2.00000	10.00000	60.0000	0.74000

Onsite Equipment Installation	Other Construction Equipment	Diesel	Average	1.000000	2.00000	180.000	0.42000
Onsite Equipment Installation	Skid Steer Loaders	Diesel	Average	2.00000	4.00000	70.0000	0.37000
Onsite Equipment Installation	Tractors/Loaders/Backhoes	Diesel	Average	2.00000	2.00000	100.0000	0.37000
Onsite Pave/Surface/Landscape	Graders	Diesel	Average	2.00000	8.00000	140.000	0.41000
Onsite Pave/Surface/Landscape	Paving Equipment	Diesel	Average	1.000000	8.00000	150.000	0.36000
Onsite Pave/Surface/Landscape	Rollers	Diesel	Average	1.000000	8.00000	75.0000	0.38000
Onsite Pave/Surface/Landscape	Skid Steer Loaders	Diesel	Average	1.000000	8.00000	70.0000	0.37000
Onsite Pave/Surface/Landscape	Tractors/Loaders/Backhoes	Diesel	Average	2.00000	8.00000	100.0000	0.37000
Onsite Trench/Backfill	Other Construction Equipment	Diesel	Average	1.000000	3.00000	180.000	0.42000
Onsite Trench/Backfill	Plate Compactors	Diesel	Average	2.00000	8.00000	5.00000	0.43000
Onsite Trench/Backfill	Skid Steer Loaders	Diesel	Average	1.000000	8.00000	70.0000	0.37000
Onsite Trench/Backfill	Tractors/Loaders/Backhoes	Diesel	Average	2.00000	8.00000	100.0000	0.37000

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Onsite Clearing/Grading	Worker	28.0000	17.3000	LDA,LDT1,LDT2
Onsite Clearing/Grading	Vendor	4.00000	10.6000	HHDT,MHDT
Onsite Clearing/Grading	Hauling	18.0000	20.0000	HHDT
Onsite Clearing/Grading	Onsite truck	22.0000	0.50000	HHDT
SCE Whirlwind IT/Telecom	Worker	18.0000	17.3000	LDA,LDT1,LDT2

SCE Whirlwind IT/Telecom	Vendor	0.00000	10.6000	HHDT,MHDT
SCE Whirlwind IT/Telecom	Hauling	4.00000	20.0000	HHDT
SCE Whirlwind IT/Telecom	Onsite truck	6.00000	0.50000	HHDT
SCE Clear Veg. & Install Tline Supports & UG	Worker	36.0000	17.3000	LDA,LDT1,LDT2
SCE Clear Veg. & Install Tline Supports & UG	Vendor	0.00000	10.6000	HHDT,MHDT
SCE Clear Veg. & Install Tline Supports & UG	Hauling	6.00000	20.0000	HHDT
SCE Clear Veg. & Install Tline Supports & UG	Onsite truck	8.00000	0.50000	HHDT
Onsite SS Construction	Worker	36.0000	17.3000	LDA,LDT1,LDT2
Onsite SS Construction	Vendor	6.00000	10.6000	HHDT,MHDT
Onsite SS Construction	Hauling	2.00000	20.0000	HHDT
Onsite SS Construction	Onsite truck	8.00000	0.50000	HHDT
Onsite Equipment Foundations & T-Poles	Worker	140.000	17.3000	LDA,LDT1,LDT2
Onsite Equipment Foundations & T-Poles	Vendor	4.00000	10.6000	HHDT,MHDT
Onsite Equipment Foundations & T-Poles	Hauling	22.0000	20.0000	HHDT
Onsite Equipment Foundations & T-Poles	Onsite truck	26.0000	0.50000	HHDT
SCE - Tline OH	Worker	24.0000	17.3000	LDA,LDT1,LDT2
SCE - Tline OH	Vendor	0.00000	10.6000	HHDT,MHDT
SCE - Tline OH	Hauling	4.00000	20.0000	HHDT
SCE - Tline OH	Onsite truck	6.00000	0.50000	HHDT
SCE - Whirlwind SS Civil & Elect.	Worker	36.0000	17.3000	LDA,LDT1,LDT2
SCE - Whirlwind SS Civil & Elect.	Vendor	0.00000	10.6000	HHDT,MHDT
SCE - Whirlwind SS Civil & Elect.	Hauling	6.00000	20.0000	HHDT
SCE - Whirlwind SS Civil & Elect.	Onsite truck	8.00000	0.50000	HHDT

Onsite Equipment Installation	Worker	100.0000	17.3000	LDA,LDT1,LDT2
Onsite Equipment Installation	Vendor	16.0000	10.6000	HHDT,MHDT
Onsite Equipment Installation	Hauling	0.00000	20.0000	HHDT
Onsite Equipment Installation	Onsite truck	16.0000	0.50000	HHDT
Onsite Pave/Surface/Landscape	Worker	40.0000	17.3000	LDA,LDT1,LDT2
Onsite Pave/Surface/Landscape	Vendor	4.00000	10.6000	HHDT,MHDT
Onsite Pave/Surface/Landscape	Hauling	30.0000	20.0000	HHDT
Onsite Pave/Surface/Landscape	Onsite truck	34.0000	0.50000	HHDT
Onsite Trench/Backfill	Worker	32.0000	17.3000	LDA,LDT1,LDT2
Onsite Trench/Backfill	Vendor	4.00000	10.6000	HHDT,MHDT
Onsite Trench/Backfill	Hauling	0.00000	20.0000	HHDT
Onsite Trench/Backfill	Onsite truck	4.00000	0.50000	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Onsite Clearing/Grading	Worker	28.0000	17.3000	LDA,LDT1,LDT2
Onsite Clearing/Grading	Vendor	4.00000	10.6000	HHDT,MHDT
Onsite Clearing/Grading	Hauling	18.0000	20.0000	HHDT
Onsite Clearing/Grading	Onsite truck	22.0000	0.50000	HHDT
SCE Whirlwind IT/Telecom	Worker	18.0000	17.3000	LDA,LDT1,LDT2
SCE Whirlwind IT/Telecom	Vendor	0.00000	10.6000	HHDT,MHDT
SCE Whirlwind IT/Telecom	Hauling	4.00000	20.0000	HHDT
SCE Whirlwind IT/Telecom	Onsite truck	6.00000	0.50000	HHDT
SCE Clear Veg. & Install Tline Supports & UG	Worker	36.0000	17.3000	LDA,LDT1,LDT2
SCE Clear Veg. & Install Tline Supports & UG	Vendor	0.00000	10.6000	HHDT,MHDT
SCE Clear Veg. & Install Tline Supports & UG	Hauling	6.00000	20.0000	HHDT

SCE Clear Veg. & Install Tline Supports & UG	Onsite truck	8.00000	0.50000	HHDT
Onsite SS Construction	Worker	36.0000	17.3000	LDA,LDT1,LDT2
Onsite SS Construction	Vendor	6.00000	10.6000	HHDT,MHDT
Onsite SS Construction	Hauling	2.00000	20.0000	HHDT
Onsite SS Construction	Onsite truck	8.00000	0.50000	HHDT
Onsite Equipment Foundations & T-Poles	Worker	140.000	17.3000	LDA,LDT1,LDT2
Onsite Equipment Foundations & T-Poles	Vendor	4.00000	10.6000	HHDT,MHDT
Onsite Equipment Foundations & T-Poles	Hauling	22.0000	20.0000	HHDT
Onsite Equipment Foundations & T-Poles	Onsite truck	26.0000	0.50000	HHDT
SCE - Tline OH	Worker	24.0000	17.3000	LDA,LDT1,LDT2
SCE - Tline OH	Vendor	0.00000	10.6000	HHDT,MHDT
SCE - Tline OH	Hauling	4.00000	20.0000	HHDT
SCE - Tline OH	Onsite truck	6.00000	0.50000	HHDT
SCE - Whirlwind SS Civil & Elect.	Worker	36.0000	17.3000	LDA,LDT1,LDT2
SCE - Whirlwind SS Civil & Elect.	Vendor	0.00000	10.6000	HHDT,MHDT
SCE - Whirlwind SS Civil & Elect.	Hauling	6.00000	20.0000	HHDT
SCE - Whirlwind SS Civil & Elect.	Onsite truck	8.00000	0.50000	HHDT
Onsite Equipment Installation	Worker	100.0000	17.3000	LDA,LDT1,LDT2
Onsite Equipment Installation	Vendor	16.0000	10.6000	HHDT,MHDT
Onsite Equipment Installation	Hauling	0.00000	20.0000	HHDT
Onsite Equipment Installation	Onsite truck	16.0000	0.50000	HHDT
Onsite Pave/Surface/Landscape	Worker	40.0000	17.3000	LDA,LDT1,LDT2
Onsite Pave/Surface/Landscape	Vendor	4.00000	10.6000	HHDT,MHDT
Onsite Pave/Surface/Landscape	Hauling	30.0000	20.0000	HHDT
Onsite Pave/Surface/Landscape	Onsite truck	34.0000	0.50000	HHDT

Onsite Trench/Backfill	Worker	32.0000	17.3000	LDA,LDT1,LDT2
Onsite Trench/Backfill	Vendor	4.00000	10.6000	HHDT,MHDT
Onsite Trench/Backfill	Hauling	0.00000	20.0000	HHDT
Onsite Trench/Backfill	Onsite truck	4.00000	0.50000	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Onsite Clearing/Grading	8,301.00	0.00000	65.0000	0.00000	0.00000

5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

5.7. Construction Paving

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
Total all Land Uses	112.000	112.000	112.000	6,198.00	3,886.00	3,886.00	3,886.00	215,071

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year

Total all Land Uses	112.000	112.000	112.000	6,198.00	3,886.00	3,886.00	3,886.00	215,071

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 Heavy Industry	2,046.37	531.983	0.0330	0.0040	0.00000

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 Heavy Industry	2,046.37	531.983	0.0330	0.0040	0.00000

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
Cranes	Diesel	Average	1.000000	2.00000	150.000	0.29000
Forklifts	Diesel	Average	1.000000	2.00000	60.0000	0.20000
Tractors/Loaders/Backhoes	Diesel	Average	1.000000	4.00000	100.0000	0.37000
Cranes	Diesel	Average	1.000000	6.00000	150.000	0.29000
Forklifts	Diesel	Average	1.000000	2.00000	60.0000	0.20000
Cranes	Diesel	Average	1.000000	6.00000	50.0000	0.29000

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

Cranes	Diesel	Average	1.000000	2.00000	150.000	0.29000
Forklifts	Diesel	Average	1.000000	2.00000	60.0000	0.20000
Tractors/Loaders/Backhoes	Diesel	Average	1.000000	4.00000	100.0000	0.37000
Cranes	Diesel	Average	1.000000	6.00000	150.000	0.29000
Forklifts	Diesel	Average	1.000000	2.00000	60.0000	0.20000
Cranes	Diesel	Average	1.000000	6.00000	50.0000	0.29000

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
Emergency Generator	Diesel	4.00000	0.50000	6.00000	250.000	0.73000

5.16.2. Process Boilers

5.17. User Defined

8. User Changes to Default Data

8.1. Justifications

Screen	Justification
Land Use	Project specific data input.
Construction: Construction Phases	Project specific data input
Construction: Off-Road Equipment	Project specific data input
Construction: Dust From Material Movement	Project specific data input.
Construction: Trips and VMT	Project specific data input
Construction: Paving	Project specific data input
Operations: Energy Use	Site will not use NG - Title 24

Operations: Water and Waste Water	No water use
Operations: Solid Waste	Negligible solid waste generation
Operations: Refrigerants	N/A
Operations: Off-Road Equipment	Project specific equipment - Generator included in stationary sources model input
Operations: Generators + Pumps EF	CO and PM EF updated to match Tier II manufacturer guarantees.

8.3. Land Use

Model Parameter	Units	Default Value	New Value
Lot Area	acre	60.0092	120.000
Building Area	sq. ft	2,614,000	1,200.00
Landscape Area	sq. ft	—	0.00000
Special Landscape Area	sq. ft	—	0.00000

8.4. Construction

8.4.1. Construction Phases

Phase Type	Phase Name	Model Parameter	Default Value	New Value
Building Construction	Onsite SS Construction	Work Days per Phase	103.000	125.000
Building Construction	Onsite Equipment Foundations & T-Poles	Work Days per Phase	132.000	154.000
Building Construction	Onsite Equipment Installation	Work Days per Phase	147.000	169.000
Trenching	Onsite Trench/Backfill	Work Days per Phase	66.0000	88.0000

8.4.4. Dust from Material Movement

Phase Name	Model Parameter	Units	Default Value	New Value
Onsite Clearing/Grading	Material Imported	Cubic Yards	—	8,301.00
Onsite Clearing/Grading	Material Exported	Cubic Yards	—	0.00000
Onsite Clearing/Grading	Total Acres Graded	acres	258.000	65.0000

8.4.6. Trips and VMT

Phase Name	Trip Type	Model Parameter	Default Value	New Value
Onsite Clearing/Grading	Worker	One-Way Trips per Day	25.0000	28.0000
Onsite Clearing/Grading	Hauling	One-Way Trips per Day	8.04651	18.0000
SCE Whirlwind IT/Telecom	Worker	One-Way Trips per Day	0.50400	18.0000
SCE Whirlwind IT/Telecom	Vendor	One-Way Trips per Day	0.19668	0.00000
SCE Whirlwind IT/Telecom	Hauling	One-Way Trips per Day	0.00000	4.00000
SCE Clear Veg. & Install Tline Supports & UG	Worker	One-Way Trips per Day	0.50400	36.0000
SCE Clear Veg. & Install Tline Supports & UG	Vendor	One-Way Trips per Day	0.19668	0.00000
SCE Clear Veg. & Install Tline Supports & UG	Hauling	One-Way Trips per Day	0.00000	6.00000
Onsite SS Construction	Worker	One-Way Trips per Day	0.50400	36.0000
Onsite SS Construction	Vendor	One-Way Trips per Day	0.19668	6.00000
Onsite SS Construction	Hauling	One-Way Trips per Day	0.00000	2.00000
Onsite Equipment Foundations & T-Poles	Worker	One-Way Trips per Day	0.50400	140.000
Onsite Equipment Foundations & T-Poles	Vendor	One-Way Trips per Day	0.19668	4.00000
Onsite Equipment Foundations & T-Poles	Hauling	One-Way Trips per Day	0.00000	22.0000
SCE - Tline OH	Worker	One-Way Trips per Day	0.50400	24.0000
SCE - Tline OH	Vendor	One-Way Trips per Day	0.19668	0.00000
SCE - Tline OH	Hauling	One-Way Trips per Day	0.00000	4.00000
SCE - Whirlwind SS Civil & Elect.	Worker	One-Way Trips per Day	0.50400	36.0000
SCE - Whirlwind SS Civil & Elect.	Vendor	One-Way Trips per Day	0.19668	0.00000
SCE - Whirlwind SS Civil & Elect.	Hauling	One-Way Trips per Day	0.00000	6.00000
Onsite Equipment Installation	Worker	One-Way Trips per Day	0.50400	100.0000
Onsite Equipment Installation	Vendor	One-Way Trips per Day	0.19668	16.0000

Onsite Pave/Surface/Landscape	Worker	One-Way Trips per Day	17.5000	40.0000
Onsite Pave/Surface/Landscape	Hauling	One-Way Trips per Day	0.00000	30.0000
Onsite Trench/Backfill	Worker	One-Way Trips per Day	15.0000	32.0000

8.5. Operations

8.5.3. Energy Usage

Land Use	Model Parameter	Units	Default Value	New Value
General Heavy Industry	Electricity	kWh/yr	12,227.2	2,046.37
General Heavy Industry	Electricity (Subject to Title 24)	kWh/yr	10,180.8	0.00000
General Heavy Industry	Electricity (Not Subject to Title 24)	kWh/yr	2,046.37	2,046.37
General Heavy Industry	Natural Gas	kBTU/yr	53,944.0	0.00000
General Heavy Industry	Natural Gas (Subject to Title 24)	kBTU/yr	22,407.2	0.00000
General Heavy Industry	Natural Gas (Not Subject to Title 24)	kBTU/yr	31,536.8	0.00000

8.5.7. Off-Road Equipment

8.5.7.1. Off-Road Equipment

Equipment Type	Model Parameter	Default Value	New Value
Cranes	Hours/Day	8.00000	2.00000
Cranes	Days/Year	260.000	16.0000
Cranes	Horsepower	367.000	150.000
Forklifts	Hours/Day	8.00000	2.00000
Forklifts	Days/Year	260.000	16.0000
Forklifts	Horsepower	82.0000	60.0000
Tractors/Loaders/Backhoes	Hours/Day	8.00000	4.00000
Tractors/Loaders/Backhoes	Days/Year	260.000	16.0000
Tractors/Loaders/Backhoes	Horsepower	84.0000	100.0000

Cranes	Hours/Day	8.00000	6.00000
Cranes	Days/Year	260.000	10.00000
Cranes	Horsepower	367.000	150.000
Forklifts	Hours/Day	8.00000	2.00000
Forklifts	Days/Year	260.000	10.00000
Forklifts	Horsepower	82.0000	60.0000
Cranes	Hours/Day	8.00000	6.00000
Cranes	Days/Year	260.000	10.00000
Cranes	Horsepower	367.000	50.0000

8.5.8. Stationary Sources

8.5.8.2. Generators + Pumps EF

Equipment Type	Model Parameter	Default Value	New Value
Emergency Generator	CO	2.60000	0.13200
Emergency Generator	PM10E	0.15000	0.00700
Emergency Generator	PM2.5E	0.15000	0.00700

8.6. Measure Input Overrides

8.6.1. Construction Measure Inputs

Measure Number and Input Name	Construction Phase	Equipment Type	Model Parameter	Default Value	New Value
C-10-A - Water Exposed Surfaces	—	—	Watering Frequency	2	3

Attachment 4:
Summary of Greenhouse Gases
Project Power Consumption by Year
Power Provided to the Project by Year
Net GHG Benefits of the Project by Year

Summary of Greenhouse Gases

Certain gases in the earth's atmosphere, classified as GHGs, play a critical role in determining the earth's surface temperature. A GHG is any gas in the atmosphere that absorbs infrared radiation. As solar radiation enters the earth's atmosphere, a portion of the radiation is absorbed by the earth's surface, and a portion is reflected back through the atmosphere into space. The absorbed radiation is eventually emitted from the earth into the atmosphere, not as solar radiation, but as infrared radiation. Most solar radiation passes through GHGs; infrared radiation is selectively absorbed or "trapped" by GHGs as heat and then reradiated back toward the earth's surface, warming the lower atmosphere and the earth's surface. This phenomenon, known as the "greenhouse effect," is beneficial for maintaining a habitable climate on the earth. As the atmospheric concentrations of GHGs rise, however, the average temperature of the lower atmosphere gradually increases, thereby increasing the potential for indirect effects such as a decrease in precipitation as snow, a rise in sea level, and changes to plant and animal species and habitat.

Whereas pollutants with localized air quality effects have relatively short atmospheric lifetimes (about one day), GHGs have long atmospheric lifetimes (one year to several thousand years). GHGs persist in the atmosphere long enough to be dispersed globally. Although the exact lifetime of any particular GHG molecule depends on multiple variables and cannot be pinpointed, scientific evidence reveals that more carbon dioxide (CO_2) is emitted into the atmosphere than is sequestered by ocean uptake, vegetation, and other forms of sequestration. Of the total annual human-caused CO_2 emissions, approximately 54 percent is sequestered through ocean uptake, uptake by northern hemisphere forest regrowth, and other terrestrial sinks within a year, whereas the remaining 46 percent of human caused CO_2 emissions remains stored in the atmosphere. The atmospheric lifetime of CO_2 is variable because it is readily exchanged in the atmosphere due to its solubility in water. The atmospheric lifetime of methane (CH_4) is about 12 years and the atmospheric lifetime of nitrous oxide (N_2O) is approximately 120 years.

The quantity of GHGs that it takes to ultimately result in climate change is not known precisely, although scientific evidence strongly indicates no single project would be expected to contribute measurably to a noticeable incremental change in the global average temperature. GHGs are emitted by natural processes and human activities. Natural GHG sources include decomposition of dead organic matter; respiration of bacteria, plants, animals, and fungus; evaporation from oceans; and volcanic outgassing. Human activities known to emit GHGs include industrial manufacturing, utilities, transportation, residential, and agricultural activities. The principal GHGs are CO_2, CH_4, N_2O, sulfur hexafluoride (SF_6), perfluorocarbons (PFCs), and hydrofluorocarbons (HFCs), as listed below.

Carbon dioxide: CO_2 enters the atmosphere through the burning of fossil fuels (oil, natural gas, and coal), solid waste, trees and wood products, and chemical reactions (e.g., the manufacture of cement). CO_2 is also removed from the atmosphere (or "sequestered") when it is absorbed by plants as part of the biological carbon cycle.

Methane: CH_4 is emitted during the production and transport of coal, natural gas, and oil. CH_4 emissions also result from livestock and agricultural practices and the decay of organic waste in municipal solid waste landfills.

Nitrous oxide: N_2O is emitted during agricultural and industrial activities and during combustion of fossil fuels and solid waste.

Fluorinated gases: HFCs, PFCs, and SF_6 are synthetic, powerful climate-change gases emitted from a variety of industrial processes. Fluorinated gases are often used as substitutes for ozone-depleting

substances (i.e., chlorofluorocarbons, hydrochlorofluorocarbons, and halons). These gases are typically emitted in minute quantities, but because they are potent climate-change gases, they are sometimes referred to as high Global Warming Potential (GWP) gases.

Sulfur hexafluoride: SF_6 is a colorless, odorless, nontoxic, nonflammable gas. SF_6 is most commonly used as an electrical insulator in high-voltage equipment that transmits and distributes electricity, including equipment such as electrical circuit breakers that may be used for the Project. The California Climate Action Registry (Registry) lists SF_6 as a potential source of fugitive emissions from electrical transmission and distribution equipment. Fugitive emissions are unintentional leaks from equipment such as joints, seals, and gaskets.

CO_2e: 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 one kilogram of a trace substance relative to that of one kilogram of a reference gas. The reference gas used is CO_2. Therefore, GWP-weighted emissions are measured in metric tons (MT) of CO_2 equivalent (CO_2e). It was assumed that the GWP for CH_4 is 25 (which means that emissions of 1 MT of CH_4 are equivalent to emissions of 25 MT of CO_2), the GWP for N_2O is 298, and the GWP for SF_6 is 22,800 based on the Intergovernmental Panel on Climate Change Fourth Assessment Report (IPCC 2007). These GWPs are also codified by the EPA in 40 Code of Federal Regulations (CFR) 98.

Power Consumption by Year

Year	Auxiliary Power Consumption (MWhr/yr)	GHG EFs from CalEEMod Appendix G, Table G-3			GHG EFs with Linear Regression						
		CO2	CH4	N2O	CO2	CH4	N2O	CO2	CH4	N2O	CO2e
		Intensity Factor (lb/MWh)			Intensity Factor (lb/MWh)			GHG Emissions (MT/year)			
2027	18,470	346.196	0.033	0.004	346.196	0.033	0.004	2900.38	0.28	0.03	2917
2028	18,470	346.196	0.033	0.004	326.963	0.031	0.004	2739.25	0.26	0.03	2755
2029	18,470	346.196	0.033	0.004	307.730	0.029	0.004	2578.11	0.25	0.03	2593
2030	18,470	260.788	0.033	0.004	288.497	0.028	0.003	2416.98	0.23	0.03	2431
2031	19,805	260.788	0.033	0.004	269.264	0.026	0.003	2418.90	0.23	0.03	2433
2032	19,805	260.788	0.033	0.004	250.030	0.024	0.003	2246.12	0.21	0.03	2259
2033	19,805	260.788	0.033	0.004	230.797	0.022	0.003	2073.34	0.20	0.02	2085
2034	19,805	260.788	0.033	0.004	211.564	0.020	0.002	1900.57	0.18	0.02	1911
2035	19,805	260.788	0.033	0.004	192.331	0.018	0.002	1727.79	0.16	0.02	1738
2036	21,032	260.788	0.033	0.004	173.098	0.017	0.002	1651.35	0.16	0.02	1661
2037	21,032	260.788	0.033	0.004	153.865	0.015	0.002	1467.86	0.14	0.02	1476
2038	21,032	260.788	0.033	0.004	134.632	0.013	0.002	1284.38	0.12	0.01	1292
2039	21,032	260.788	0.033	0.004	115.399	0.011	0.001	1100.90	0.10	0.01	1107
2040	21,032	260.788	0.033	0.004	96.166	0.009	0.001	917.42	0.09	0.01	923
2041	22,186	260.788	0.033	0.004	76.932	0.007	0.001	774.20	0.07	0.01	779
2042	22,186	260.788	0.033	0.004	57.699	0.006	0.001	580.65	0.06	0.01	584
2043	22,186	260.788	0.033	0.004	38.466	0.004	0.000	387.10	0.04	0.00	389
2044	22,186	260.788	0.033	0.004	19.233	0.002	0.000	193.55	0.02	0.00	195
2045	22,186	260.788	0.033	0.004	0.000	0.000	0.000	0.00	0.00	0.00	0
2046	22,186	260.788	0.033	0.004	0.000	0.000	0.000	0.00	0.00	0.00	0
2047	22,186	260.788	0.033	0.004	0.000	0.000	0.000	0.00	0.00	0.00	0
2048	22,186	260.788	0.033	0.004	0.000	0.000	0.000	0.00	0.00	0.00	0
2049	22,186	260.788	0.033	0.004	0.000	0.000	0.000	0.00	0.00	0.00	0
2050	22,186	260.788	0.033	0.004	0.000	0.000	0.000	0.00	0.00	0.00	0
2051	22,186	-	-	-	0.000	0.000	0.000	0.00	0.00	0.00	0
2052	22,186	-	-	-	0.000	0.000	0.000	0.00	0.00	0.00	0
2053	22,186	-	-	-	0.000	0.000	0.000	0.00	0.00	0.00	0
2054	22,186	-	-	-	0.000	0.000	0.000	0.00	0.00	0.00	0
2055	22,186	-	-	-	0.000	0.000	0.000	0.00	0.00	0.00	0
2056	22,186	-	-	-	0.000	0.000	0.000	0.00	0.00	0.00	0
2057	22,186	-	-	-	0.000	0.000	0.000	0.00	0.00	0.00	0
2058	22,186	-	-	-	0.000	0.000	0.000	0.00	0.00	0.00	0
2059	22,186	-	-	-	0.000	0.000	0.000	0.00	0.00	0.00	0
2060	22,186	-	-	-	0.000	0.000	0.000	0.00	0.00	0.00	0
2061	22,186	-	-	-	0.000	0.000	0.000	0.00	0.00	0.00	0
Total GHG Emissions											**29,527**
Amortized Auxiliary Power Consumption over 35 Years								**838.82**	**0.08**	**0.01**	**844**

California Executive Order B-55-18 carbon neutrality target in 2045, No GHG emissions from the CA grid since then

Power Provided by Year

Year	Power Provided (MWhr/yr)	GHG EFs from CalEEMod Appendix G, Table G-3			GHG EFs with Linear Regression						
		CO2	CH4	N2O	CO2	CH4	N2O	CO2	CH4	N2O	CO2e
		Intensity Factor (lb/MWh)			Intensity Factor (lb/MWh)			GHG Emissions (MT/year)			
2027	0	346.196	0.033	0.004	346.196	0.033	0.004	0.00	0.00	0.00	0
2028	1,752,000	346.196	0.033	0.004	326.963	0.031	0.004	259835.39	24.77	3.00	261,324
2029	1,752,000	346.196	0.033	0.004	307.730	0.029	0.004	244550.96	23.31	2.83	245,952
2030	1,752,000	260.788	0.033	0.004	288.497	0.028	0.003	229266.52	21.85	2.65	230,580
2031	1,752,000	260.788	0.033	0.004	269.264	0.026	0.003	213982.09	20.40	2.47	215,208
2032	1,752,000	260.788	0.033	0.004	250.030	0.024	0.003	198697.65	18.94	2.30	199,836
2033	3,358,000	260.788	0.033	0.004	230.797	0.022	0.003	351542.00	33.51	4.06	353,557
2034	3,358,000	260.788	0.033	0.004	211.564	0.020	0.002	322246.83	30.72	3.72	324,094
2035	3,358,000	260.788	0.033	0.004	192.331	0.018	0.002	292951.67	27.92	3.38	294,631
2036	3,358,000	260.788	0.033	0.004	173.098	0.017	0.002	263656.50	25.13	3.05	265,167
2037	3,358,000	260.788	0.033	0.004	153.865	0.015	0.002	234361.33	22.34	2.71	235,704
2038	3,358,000	260.788	0.033	0.004	134.632	0.013	0.002	205066.17	19.55	2.37	206,241
2039	3,358,000	260.788	0.033	0.004	115.399	0.011	0.001	175771.00	16.75	2.03	176,778
2040	3,358,000	260.788	0.033	0.004	96.166	0.009	0.001	146475.83	13.96	1.69	147,315
2041	3,358,000	260.788	0.033	0.004	76.932	0.007	0.001	117180.67	11.17	1.35	117,852
2042	3,358,000	260.788	0.033	0.004	57.699	0.006	0.001	87885.50	8.38	1.02	88,389
2043	3,358,000	260.788	0.033	0.004	38.466	0.004	0.000	58590.33	5.58	0.68	58,926
2044	3,358,000	260.788	0.033	0.004	19.233	0.002	0.000	29295.17	2.79	0.34	29,463
2045	3,358,000	260.788	0.033	0.004	0.000	0.000	0.000	0.00	0.00	0.00	0
2046	3,358,000	260.788	0.033	0.004	0.000	0.000	0.000	0.00	0.00	0.00	0
2047	3,358,000	260.788	0.033	0.004	0.000	0.000	0.000	0.00	0.00	0.00	0
2048	3,358,000	260.788	0.033	0.004	0.000	0.000	0.000	0.00	0.00	0.00	0
2049	3,358,000	260.788	0.033	0.004	0.000	0.000	0.000	0.00	0.00	0.00	0
2050	3,358,000	260.788	0.033	0.004	0.000	0.000	0.000	0.00	0.00	0.00	0
2051	3,358,000	-	-	-	0.000	0.000	0.000	0.00	0.00	0.00	0
2052	3,358,000	-	-	-	0.000	0.000	0.000	0.00	0.00	0.00	0
2053	3,358,000	-	-	-	0.000	0.000	0.000	0.00	0.00	0.00	0
2054	3,358,000	-	-	-	0.000	0.000	0.000	0.00	0.00	0.00	0
2055	3,358,000	-	-	-	0.000	0.000	0.000	0.00	0.00	0.00	0
2056	3,358,000	-	-	-	0.000	0.000	0.000	0.00	0.00	0.00	0
2057	3,358,000	-	-	-	0.000	0.000	0.000	0.00	0.00	0.00	0
2058	3,358,000	-	-	-	0.000	0.000	0.000	0.00	0.00	0.00	0
2059	3,358,000	-	-	-	0.000	0.000	0.000	0.00	0.00	0.00	0
2060	3,358,000	-	-	-	0.000	0.000	0.000	0.00	0.00	0.00	0
2061	3,358,000	-	-	-	0.000	0.000	0.000	0.00	0.00	0.00	0
Total Avoided GHG Emissions											**3,451,020**

California Executive Order B-55-18 carbon neutrality target in 2045, No GHG emissions from the CA grid since then

Net Benefit by Year

	Consumed				Avoided		
Year	Operational Emissions from Equipment	Operational Emissions from Auxiliary Power Consumption	Amortized Construction Emissions	Projected Amortized Decommissioning Emissions	Power Provided	Net	
	GHG Emissions in CO_2e (MT/year)						
2027	89	2,917	119	119	0	-3,244	
2028	89	2,755	119	119	261,324	258,243	
2029	89	2,593	119	119	245,952	243,033	
2030	89	2,431	119	119	230,580	227,823	
2031	89	2,433	119	119	215,208	212,449	
2032	89	2,259	119	119	199,836	197,251	
2033	89	2,085	119	119	353,557	351,145	
2034	89	1,911	119	119	324,094	321,855	
2035	89	1,738	119	119	294,631	292,566	
2036	89	1,661	119	119	265,167	263,180	
2037	89	1,476	119	119	235,704	233,901	
2038	89	1,292	119	119	206,241	204,623	
2039	89	1,107	119	119	176,778	175,344	
2040	89	923	119	119	147,315	146,066	
2041	89	779	119	119	117,852	116,747	
2042	89	584	119	119	88,389	87,478	
2043	89	389	119	119	58,926	58,210	
2044	89	195	119	119	29,463	28,942	
2045	89	0	119	119	0	-327	California Executive Order B-55-18 carbon neutrality target in 2045, No GHG emissions from the CA grid since then
2046	89	0	119	119	0	-327	
2047	89	0	119	119	0	-327	
2048	89	0	119	119	0	-327	
2049	89	0	119	119	0	-327	
2050	89	0	119	119	0	-327	
2051	89	0	119	119	0	-327	
2052	89	0	119	119	0	-327	
2053	89	0	119	119	0	-327	
2054	89	0	119	119	0	-327	
2055	89	0	119	119	0	-327	
2056	89	0	119	119	0	-327	
2057	89	0	119	119	0	-327	
2058	89	0	119	119	0	-327	
2059	89	0	119	119	0	-327	
2060	89	0	119	119	0	-327	
2061	89	0	119	119	0	-327	
Total GHG Emissions	**40,964**				**3,451,020**	**3,410,056**	

Attachment 5: Air Pollutants and Their Health Effects

National and State Air Quality Standards

Regulation of air pollution is achieved through both federal and State ambient air quality standards and permitted emission limits for individual sources of air pollutants. As required by the federal Clean Air Act (CAA), the United States Environmental Protection Agency (EPA) has identified criteria pollutants and has established National Ambient Air Quality Standards (NAAQS) to protect public health and welfare. NAAQS have been established for ozone (O_3), carbon monoxide (CO), nitrogen dioxide (NO_2), sulfur dioxide (SO_2), particulate matter (PM) (specifically PM_{10} and $PM_{2.5}$), and lead (Pb). These pollutants are called "criteria" air pollutants because standards have been established for each of them to meet specific public health and welfare criteria.

To protect human health and the environment, EPA has set "primary" and "secondary" ambient standards for each of the criteria pollutants. Primary thresholds were set to protect human health, particularly sensitive receptors such as children, the elderly, and individuals suffering from chronic lung conditions such as asthma and emphysema. Secondary standards were set to protect the natural environment and prevent further deterioration of animals, crops, vegetation, and buildings.

Criteria Air Pollutants

The following is a general description of the physical and health effects from the governmentally regulated air pollutants.

Ozone (O_3)

Ozone (O_3) occurs in two layers of the atmosphere. The layer surrounding the earth's surface is the troposphere. At ground level, tropospheric, or "bad," ozone is an air pollutant that damages human health, vegetation, and many common materials. Ozone is a key ingredient of urban smog. The troposphere extends to a level approximately 10 miles above ground level, where it meets the second layer, the stratosphere. The stratospheric, or "good," ozone layer extends upward from approximately 10 to 30 miles and protects life on earth from the sun's harmful ultraviolet rays (UV-B).

"Bad" ozone is what is known as a photochemical pollutant, which needs reactive organic gases (ROG), oxides of nitrogen (NO_X), and sunlight to form. ROG and NO_X are emitted from various sources throughout Kern County. Significant ozone formation generally requires an adequate amount of precursors in the atmosphere and several hours in a stable atmosphere with strong sunlight. To reduce ozone concentrations, it is necessary to control the emissions of these ozone precursors.

Ozone is a regional air pollutant, which is generated over a large area and transported and spread by the wind. As the primary constituent of smog, ozone is the most complex, difficult to control, and pervasive of the criteria pollutants. Unlike other pollutants, it is not emitted directly into the air by specific sources but is created by sunlight acting on other air pollutants (the precursors), specifically NO_X and ROG. Sources of precursor gases number in the thousands and include common sources such as consumer products, gasoline vapors, chemical solvents, and combustion byproducts of various fuels. Originating from gas stations, motor vehicles, large industrial facilities, and small businesses such as bakeries and dry cleaners, the ozone-forming chemical reactions often take place in another location, catalyzed by sunlight and heat. Thus, high ozone concentrations can form over large regions when emissions from motor vehicles and stationary sources are carried hundreds of miles from their origins.

Health Effects

While ozone in the upper atmosphere protects the earth from UV-B, high concentrations of ground-level ozone can adversely affect the human respiratory system. Many respiratory ailments, as well as cardiovascular diseases, are aggravated by exposure to high ozone levels.

Ozone is a powerful oxidant—it can be compared to household bleach, which can kill living cells (such as germs or human skin cells) upon contact. Ozone can damage the respiratory tract, causing inflammation and irritation, and it can induce symptoms such as coughing, chest tightness, shortness of breath, and worsening of asthmatic symptoms. Ozone in sufficient doses increases the permeability of lung cells, rendering them more susceptible to toxins and microorganisms. Exposure to levels of ozone above the current ambient air quality standard leads to lung inflammation, lung tissue damage, and a reduction in the amount of air inhaled into the lungs. Health effects include potential increased susceptibility to respiratory infections and reduced ability to exercise. Health effects are more severe in people with asthma and other respiratory ailments. People who work or play outdoors are at a greater risk for harmful health effects from ozone. Children and adolescents are also at greater risk because they are more likely than adults to spend time engaged in vigorous activities. Research indicates that children under 12 years of age spend nearly twice as much time outdoors daily than adults. Teenagers spend at least twice as much time as adults in active sports and outdoor activities. Also, children inhale more air per pound of body weight than adults, and they breathe more rapidly than adults. Children are less likely than adults to notice their own symptoms and avoid harmful exposures. Elevated ozone concentrations also reduce crop and timber yields, damage native plants, and damage materials such as rubber, paints, fabric, and plastics[20].

Reactive Organic Gases (ROGs) and Volatile Organic Compounds (VOCs)

Hydrocarbons are organic gases that are formed solely of hydrogen and carbon. There are several subsets of organic gases including reactive organic gases (ROGs) and volatile organic compounds (VOCs), which include all hydrocarbons except those exempted by CARB. Therefore, ROGs are a set of organic gases based on State rules and regulations. VOCs are similar to ROGs in that they include all organic gases except those exempted by Federal law. Both VOCs and ROGs are emitted from the incomplete combustion of hydrocarbons or other carbon-based fuels. Combustion engine exhaust, oil refineries, and oil-fueled power plants are the primary sources of hydrocarbons. Another source of hydrocarbons is evaporation from petroleum fuels, solvents, dry cleaning solutions, and paint.

Health Effects

The primary health effects of hydrocarbons result from the formation of ozone and its related health effects (see ozone health effects discussion above). High levels of hydrocarbons in the atmosphere can interfere with oxygen intake by reducing the amount of available oxygen through displacement. There are no separate federal or California ambient air quality standards for ROG. Carcinogenic forms of ROG are considered toxic air contaminants (TACs). An example is benzene, which is a carcinogen.

Carbon Monoxide (CO)

Carbon monoxide (CO) is emitted by mobile and stationary sources as a result of incomplete combustion of hydrocarbons or other carbon-based fuels. CO is an odorless, colorless, poisonous gas that is highly reactive. CO is a byproduct of motor vehicle exhaust, which contributes more than 66

[20] California Air Resources Board (CARB) and American Lung Association of California. 2007. Recent Research Findings: Health Effects of Particulate Matter and Ozone Air Pollution.

percent of all CO emissions nationwide. In cities, automobile exhaust can cause as much as 95 percent of all CO emissions. These emissions can result in high concentrations of CO, particularly in local areas with heavy traffic congestion. Other sources of CO emissions include industrial processes and fuel combustion in sources such as boilers and incinerators. Despite an overall downward trend in concentrations and emissions of CO, some metropolitan areas still experience high levels of CO. High CO concentrations develop primarily during winter when periods of light winds combine with the formation of ground level temperature inversions (typically from the evening through early morning). These conditions result in reduced dispersion of vehicle emissions. Motor vehicles also exhibit increased CO emission rates at low air temperatures.

Health Effects

When inhaled, CO enters the bloodstream and binds more readily to hemoglobin, the oxygen-carrying protein in blood, than oxygen, thereby reducing the oxygen-carrying capacity of blood and reducing oxygen delivery to organs and tissues. The health threat from CO is most serious for those who suffer from cardiovascular disease. Healthy individuals are also affected but only at higher levels of exposure. Exposure to CO can cause chest pain in heart patients, headaches, and reduced mental alertness. At high concentrations, CO can cause heart difficulties in people with chronic diseases and can impair mental abilities. Exposure to elevated CO levels is associated with visual impairment, reduced work capacity, reduced manual dexterity, poor learning ability, difficulty performing complex tasks, and, with prolonged enclosed exposure, death.

The adverse health effects associated with exposure to ambient and indoor concentrations of CO are related to the concentration of carboxyhemoglobin in the blood. Exposure to elevated concentrations of CO weaken the heart's contractions and lower the amount of oxygen carried by the blood. Health effects observed may include an early onset of cardiovascular disease; behavioral impairment; decreased exercise performance of young, healthy men; reduced birth weight; sudden infant death syndrome; and increased daily mortality rate[21].

Oxides of Nitrogen (NO_X)

Oxides of nitrogen (NO_X) are a family of highly reactive gases that are a primary precursor to the formation of ground-level ozone, and reacts in the atmosphere to form acid rain. NO_X is emitted from solvents and combustion processes in which fuel is burned at high temperatures, principally motor vehicle exhaust and stationary sources such as electric utilities and industrial boilers. In terms of NO_X emissions, the two principal species of NO_X are nitric oxide (NO) and nitrogen dioxide (NO_2), with the vast majority (95 percent) of the NO_X emissions being comprised of NO. NO is converted to NO_2 by several processes, the two most important of these are: (1) the reaction of NO with ozone; and (2) the photochemical reaction of NO with hydrocarbons. A brownish gas, NO_X is a strong oxidizing agent that reacts in the air to form corrosive nitric acid as well as toxic organic nitrates.

Health Effects

NO_X is an ozone precursor that combines with ROG to form ozone. See the ozone section above for a discussion of the health effects of ozone. Direct inhalation of NO_X can cause a wide range of health effects. Health effects of NO_X include irritation of the lungs, lung damage, and lowered resistance to respiratory infections such as influenza. Short-term exposures (e.g., less than 3 hours) to low levels of NO_2 may lead to changes in airway responsiveness and lung function in individuals with pre-existing

[21] Fierro, M. A. et al. 2001. Adverse Health Effects of Exposure to Ambient Carbon Monoxide. Air Info Now. https://airinfonow.org/pdf/CARBON%20MONOXID2.PDF

respiratory illnesses. These exposures may also increase respiratory illnesses in children. Long-term exposures to NO_2 may lead to increased susceptibility to respiratory infection and may cause irreversible lung damage. Other health effects associated with NO_2 are an increase in the incidence of chronic bronchitis and lung irritation. Chronic exposure to NO_2 may lead to eye and mucus membrane aggravation, along with pulmonary dysfunction. Clinical studies of human subjects suggest that NO_2 exposure to levels near the current standard may worsen the effect of allergens in allergic asthmatics, especially in children. Epidemiological studies have also shown associations between NO_2 concentrations and daily mortality from respiratory and cardiovascular causes as well as hospital admissions for respiratory conditions. harmful to aquatic life). Nitrogen, alone or in acid rain, also can acidify soils and surface waters. Acidification of soils causes the loss of essential plant nutrients and increased levels of soluble aluminum, which is toxic to plants. Acidification of surface waters creates conditions of low pH and levels of aluminum that are toxic to fish and other aquatic organisms. NO_X also contributes to visibility impairment[22].

NO_X contributes to a wide range of environmental effects both directly and indirectly when combined with other precursors in acid rain and ozone. NO_X can cause fading of textile dyes and additives, deterioration of cotton and nylon, and corrosion of metals due to the production of particulate nitrates. Airborne NO_X can also impair visibility. Increased nitrogen inputs to terrestrial and wetland systems can lead to changes in plant species composition and diversity. Similarly, direct nitrogen inputs to aquatic ecosystems such as those found in estuarine and coastal waters can lead to eutrophication (a condition that promotes excessive algae growth, which can lead to a severe depletion of dissolved oxygen and increased levels of toxins

Sulfur Dioxide (SO_2)

Sulfates are the fully oxidized ionic form of sulfur. Sulfates occur in combination with metal and/or hydrogen ions. In California, emissions of sulfur compounds occur primarily from the combustion of petroleum-derived fuels (e.g., gasoline and diesel fuel) that contain sulfur. This sulfur is oxidized to sulfur dioxide (SO_2) during the combustion process and subsequently converted to sulfate compounds in the atmosphere. The conversion of SO_2 to sulfates takes place comparatively rapidly and completely in urban areas of California because of regional meteorological features.

SO_2 is a colorless, irritating gas with a “rotten egg” smell that is formed primarily by the combustion of sulfur-containing fossil fuels. Historically, SO_2 was a pollutant of concern in Kern County, but with the successful implementation of regulations, the levels have been reduced significantly.

Health Effects

High concentrations of SO_2 can result in temporary breathing impairment for asthmatic children and adults who are active outdoors. Health effects from exposure to emissions of SO_2 include aggravation of lung diseases, especially bronchitis, and constricting of breathing passages, especially in asthmatics and people involved in moderate to heavy exercise. Short-term exposures of individuals to elevated SO_2 levels during moderate activity may result in health effects including breathing difficulties that can be accompanied by symptoms such as wheezing, chest tightness, or shortness of breath. Other health effects that have been associated with longer-term exposures to high concentrations of SO_2, in conjunction with high levels of particulate matter, include aggravation of existing cardiovascular disease, respiratory illness, and alterations in the lungs’ defenses. SO_2 also is a major precursor to

[22] California Air Pollution Control Officers Association (CAPCOA). 2019. What is Nitrogen Oxide. [online]: http://www.capcoa.org/health-effects/#What_is_Nitrogen_Oxide

particulate matter that is 2.5 microns or less ($PM_{2.5}$), which is a significant health concern and a main contributor to poor visibility (see also the discussion of health effects of particulate matter).

SO_2 not only has a bad odor, but can irritate the respiratory system. Exposure to high concentrations for short periods of time can constrict the bronchi and increase mucous flow, making breathing difficult. SO_2 can also irritate the lung and throat at concentrations greater than 6 ppm in many people; impair the respiratory system's defenses against foreign particles and bacteria when exposed to concentrations less than 6 ppm for longer time periods; and enhance the harmful effects of ozone (combinations of the two gases at concentrations occasionally found in the ambient air appear to increase airway resistance to breathing).

SO_2 tends to have more toxic effects when acidic pollutants, liquid or solid aerosols, and particulates are also present. Effects are more pronounced among "mouth breathers," e.g., people who are exercising or who have head colds. These effects include:

- Health problems, such as episodes of bronchitis requiring hospitalization associated with lower-level acid concentrations;
- Self-reported respiratory conditions, such as chronic cough and difficult breathing, associated with acid aerosol concentrations (individuals with asthma are especially susceptible to these effects. The elderly and those with chronic respiratory conditions may also be affected at lower concentrations than the general population);
- Increased respiratory tract infections associated with longer term, lower level exposures to SO_2 and acid aerosols; and
- Subjective symptoms, such as headaches and nausea, in the absence of pathological abnormalities due to long-term exposure.

SO_2 easily injures many plant species and varieties, both native and cultivated. Some of the most sensitive plants include various commercially valuable pines, legumes, red and black oaks, white ash, alfalfa, and blackberry. The effects include:

- Visible injury to the most sensitive plants at exposures as low as 0.12 ppm for eight hours;
- Visible injury to many other plant types of intermediate sensitivity at exposures of 0.30 ppm for eight hours; and
- Positive benefits from low levels in a very few species growing on sulfur-deficient soils.

Increases in SO_2 concentrations accelerate the corrosion of metals, probably through the formation of acids. SO_2 is a major precursor to acidic deposition. Sulfur oxides may also damage stone and masonry, paint, various fibers, paper, leather, and electrical components.

Increased SO_2 also contributes to impaired visibility. Particulate sulfate, much of which is derived from SO_2 emissions, is a major component of the complex total suspended particulate mixture.

<u>Particulate Matter (PM_{10} and $PM_{2.5}$)</u>

Particulate matter (PM) pollution consists of very small liquid and solid particles floating in the air. Some particles are large and dark enough to be seen as soot or smoke. Others are so small they can be detected only with an electron microscope. PM is a mixture of materials that can include smoke, soot, dust, salt, acids, and metals. PM also forms when gases emitted from motor vehicles and industrial sources undergo chemical reactions in the atmosphere. PM or airborne dusts are the small particles that remain suspended in the air for long periods of time. Particulates of concern are those that are 10 microns or less in diameter (PM_{10}) and 2.5 microns or less in diameter ($PM_{2.5}$). Thus, $PM_{2.5}$ is a subset

of PM_{10}. PM_{10} and $PM_{2.5}$ are small enough to be inhaled, pass through the respiratory system and lodge in the lungs, possibly leading to adverse health effects.

The composition of PM_{10} and $PM_{2.5}$ can vary greatly with time, location, the sources of the material and meteorological conditions. Dust, sand, salt spray, metallic and mineral particles, pollen, smoke, mist, and acid fumes are the main components of PM_{10} and $PM_{2.5}$. In addition to those listed previously, secondary particles can also be formed as precipitates from photochemical reactions of gaseous SO_2 and NO_X in the atmosphere to create sulfates (SO_4) and nitrates (NO_3), respectively. Secondary particles are of greatest concern during the winter months when low inversion layers tend to trap the precursors of secondary particulates.

In the western U.S., there are sources of PM_{10} in both urban and rural areas. PM_{10} and $PM_{2.5}$ are emitted from stationary and mobile sources, including diesel trucks and other motor vehicles; power plants; industrial processes; wood-burning stoves and fireplaces; wildfires; dust from roads, construction, landfills, and agriculture; and fugitive windblown dust. Because particles originate from a variety of sources, their chemical and physical compositions vary widely.

Health Effects

PM_{10} and $PM_{2.5}$ particles are small enough—about one seventh the thickness of a human hair, or smaller— to be inhaled and lodged in the deepest parts of the lung where they evade the respiratory system's natural defenses and can be trapped in the nose, throat, and upper respiratory tract. Health effects from exposure to PM_{10} and $PM_{2.5}$ begin as the body reacts to these foreign particles. Acute and chronic health effects associated with high particulate levels include the aggravation of chronic respiratory diseases, heart and lung disease, and coughing, bronchitis, and respiratory illnesses in children. Recent mortality studies have shown a statistically significant direct association between mortality and daily concentrations of particulate matter in the air. PM_{10} and $PM_{2.5}$ can aggravate respiratory disease and cause lung damage, cancer, and premature death. Sensitive populations, including children, the elderly, exercising adults, and those suffering from chronic lung disease such as asthma or bronchitis, are especially vulnerable to the effect of PM_{10}. Of greatest concern are recent studies that link PM_{10} exposure to the premature death of people who already have heart and lung disease, especially the elderly. Acidic PM_{10} can also damage manmade materials and is a major cause of reduced visibility in many parts of the United States. Non-health related effects include reduced visibility and soiling of buildings.

Premature deaths linked to particulate matter are now at levels comparable to deaths from traffic accidents and secondhand smoke. One of the most dangerous pollutants, fine particulate matter (e.g., from diesel exhaust) not only bypasses the body's defense mechanisms and becomes embedded in the deepest recesses of the lung but also can disrupt cellular processes. Population-based studies in hundreds of cities in the United States and around the world have demonstrated a strong link between elevated particulate levels and premature deaths, hospital admissions, emergency room visits, and asthma attacks. Long-term studies of children's health conducted in California have demonstrated that particulate pollution may significantly reduce lung function growth in children[23].

A 2006 study provides evidence that exposure to particulate air pollution is associated with lung cancer. This study found that residents who live in an area that is severely affected by particulate air pollution are at risk of developing lung cancer at a rate comparable to nonsmokers exposed to secondhand

[23] California Air Resources Board (CARB) and American Lung Association of California. 2007. Recent Research Findings: Health Effects of Particulate Matter and Ozone Air Pollution.

smoke. This study also found approximately 16 percent excess risk of dying from lung cancer due to fine particulate air pollution[24].

Another study shows that individuals with existing cardiac disease can be in a potentially life-threatening situation when exposed to high levels of fine air pollution. Fine particles can penetrate the lungs and cause the heart to beat irregularly, or can cause inflammation, which could lead to a heart attack[25].

Attaining the California particulate matter standards would annually prevent about 6,500 premature deaths, or 3 percent of all deaths. These premature deaths shorten lives by an average of 14 years. This is roughly equivalent to the same number of deaths (4,200 to 7,400) linked to secondhand smoke in 2000. In comparison, motor vehicle crashes caused 3,200 deaths, and 2,000 deaths resulted from homicide. Attaining the California particulate matter and ozone standards would annually prevent 4,000 hospital admissions for respiratory disease, 3,000 hospital admissions for cardiovascular disease, and 2,000 asthma-related emergency room visits. Exposure to diesel particulate matter (DPM) causes about 250 excess cancer cases per year in California[26].

Sulfates

Sulfates (SO_4^{2-}) are particulate product that comes from the combustion of sulfur-containing fossil fuels. When sulfur monoxide or SO_2 is exposed to oxygen, it precipitates out into sulfates (SO_3 or SO_4). Sulfates are the fully oxidized ionic form of sulfur. Sulfates occur in combination with metal and/or hydrogen ions. In California, emissions of sulfur compounds occur primarily from the combustion of petroleum-derived fuels (e.g., gasoline and diesel fuel) that contain sulfur. This sulfur is oxidized to SO_2 during the combustion process and subsequently converted to sulfate compounds in the atmosphere. The conversion of SO_2 to sulfates takes place comparatively rapidly and completely in urban areas of California because of regional meteorological features.

Health Effects

CARB's sulfates standard is designed to prevent aggravation of respiratory symptoms. Effects of sulfate exposure at levels above the standard include a decrease in oxygen intake, aggravation of asthmatic symptoms, and an increased risk of cardio-pulmonary disease. When acidic pollutants and particulates are also present, SO_2 tends to have an even more toxic effect. In addition to particulates, SO_3 and SO_4 are also precursors to acid rain. SO_X and NO_X are the leading precursors to acid rain. Acid rain can lead to corrosion of man-made structures and cause acidification of water bodies. Sulfates are particularly effective in degrading visibility and, because they are usually acidic, can harm ecosystems and damage materials and property[27].

Lead

Lead is a metal that is a natural constituent of air, water, and the biosphere. Lead is neither created nor destroyed in the environment, so it essentially persists forever. Historically, lead was used to increase the octane rating in automobile fuel. However, because gasoline-powered automobile engines were a

[24] Pope, C. A. and Dockery, D. W. 2006. Health Effects of Fine Particulate Air Pollution: Lines that Connect. Air & Waste Management Association. http://www.scientificintegrityinstitute.org/PopeDockery2006.pdf
[25] Peters, A. et al. 2001. Increased Particulate Air Pollution and the Triggering of Myocardial Infarction. AHA ASA Journals. https://www.ahajournals.org/doi/10.1161/01.cir.103.23.2810
[26] Kern County. 2006. Guidelines for Preparing an Air Quality Assessment for Use in Environmental Impact Reports, December 2006.
[27] California Air Resources Board, 2022, Sulfate & Health, Available at: https://ww2.arb.ca.gov/resources/sulfate-and-health

major source of airborne lead through the use of leaded fuels and that use has been mostly phased out, the ambient concentrations of lead have dropped dramatically.

Health Effects

Exposure to lead occurs mainly through inhalation of air and ingestion of lead in food, water, soil, or dust. It accumulates in the blood, bones, and soft tissues and can adversely affect the kidneys, liver, nervous system, and other organs. Excessive exposure to lead may cause neurological impairments such as seizures, mental retardation, and behavioral disorders. Even at low doses, lead exposure is associated with damage to the nervous systems of fetuses and young children, resulting in learning deficits and lowered IQ. Recent studies also show that lead may be a factor in high blood pressure and subsequent heart disease. Lead can also be deposited on the leaves of plants, presenting a hazard to grazing animals and humans through ingestion.

This highly toxic metal has been used for many years in everyday products, and has been found to cause a range of health effects, from behavioral problems and learning disabilities, to seizures and death. Effects on the nervous systems of children are one of the primary health risk concerns from lead. In high concentrations, children can even suffer irreversible brain damage and death. Children six years old and under are most at risk, because their bodies are growing quickly.

If not detected early, children with high levels of lead in their bodies can suffer from:

- Damage to the brain and nervous system;
- Behavior and learning problems (such as hyperactivity);
- Slowed growth; Hearing problems; and
- Headaches.

Lead is also harmful to adults. Adults can suffer from:

- Difficulties during pregnancy;
- Other reproductive problems (in both men and women);
- High blood pressure;
- Digestive problems;
- Nerve disorders;
- Memory and concentration problems; and
- Muscle and joint pain.

Since the 1980s, lead has been phased out in gasoline, reduced in drinking water, reduced in industrial air pollution, and banned or limited in consumer products.

Other Pollutants

Hydrogen Sulfide

Hydrogen sulfide (H_2S) is associated with geothermal activity, oil and gas production, refining, sewage treatment plants, and confined animal feeding operations. H_2S in the atmosphere would likely oxidize into SO_2 that can lead to acid rain. At low concentrations H_2S, which has a characteristic “rotten egg” smell, may cause irritation to the eyes, mucous membranes and respiratory system, dizziness and headaches. In high concentrations (800 ppm can cause death) hydrogen sulfide is extremely hazardous, especially in enclosed spaces. Occupational Safety and Health Administrations (OSHA) has the primary responsibility for regulating workplace exposure to H_2S.

Health Effects

Exposure to low concentrations of H_2S may cause irritation to the eyes, nose, or throat. It may also cause difficulty in breathing for some asthmatics. Exposure to higher concentrations (above 100 ppm) can cause olfactory fatigue, respiratory paralysis, and death. Brief exposures to high concentrations of H_2S (greater than 500 ppm) can cause a loss of consciousness. In most cases, the person appears to regain consciousness without any other effects. However, in many individuals, there may be permanent or long-term effects such as headaches, poor attention span, poor memory, and poor motor function. No health effects have been found in humans exposed to typical environmental concentrations of H_2S (0.00011–0.00033 ppm). Deaths due to breathing in large amounts of H_2S have been reported in a variety of different work settings, including sewers, animal processing plants, waste dumps, sludge plants, oil and gas well drilling sites, and tanks and cesspools.

Vinyl Chloride

Vinyl chloride monomer is a sweet-smelling, colorless gas at ambient temperature. Landfills, publicly owned treatment works, and polyvinyl chloride (PVC) production are the major identified sources of vinyl chloride emissions in California. PVC can be fabricated into several products, such as PVC pipes, pipe fittings, and plastics.

Health Effects

In humans, epidemiological studies of occupationally exposed workers have linked vinyl chloride exposure to development of liver angiosarcoma, which is a rare cancer, and have suggested a relationship between exposure cancers of the lung and brain. There are currently no adopted ambient air standards for vinyl chloride.

Short-term exposure to vinyl chloride has been linked with the following acute health effects[28]:

- Acute exposure of humans to high levels of vinyl chloride via inhalation in humans has resulted in effects on the central nervous system, such as dizziness, drowsiness, headaches, and giddiness.
- Vinyl chloride is reported to be slightly irritating to the eyes and respiratory tract in humans. Acute exposure to extremely high levels of vinyl chloride has caused loss of consciousness; irritation to the lungs and kidneys; inhibition of blood clotting in humans; and cardiac arrhythmias in animals.
- Tests involving acute exposure of mice to vinyl chloride have shown high acute toxicity from inhalation exposure to the substance.

Long-term exposure to vinyl chloride concentrations has been linked with the following chronic health effects[29]:

- Liver damage may result in humans from chronic exposure to vinyl chloride, through both inhalation and oral exposure.
- A small percentage of individuals occupationally exposed to high levels of vinyl chloride in air have developed a set of symptoms termed “vinyl chloride disease,” which is characterized by Raynaud’s phenomenon (fingers blanch and numbness and discomfort are experienced upon exposure to the cold), changes in the bones at the end of the fingers, joint and muscle pain,

[28] United States Environmental Protection Agency (USEPA). 2020. Overview of Greenhouse Gases. Last Update April 10, 2020. [online]: https://www.epa.gov/ghgemissions/overview-greenhouse-gases
[29] United States Environmental Protection Agency (USEPA). 2020. Overview of Greenhouse Gases. Last Update April 10, 2020. [online]: https://www.epa.gov/ghgemissions/overview-greenhouse-gases

and scleroderma-like skin changes (thickening of the skin, decreased elasticity, and slight edema).
- Central nervous system effects (including dizziness, drowsiness, fatigue, headache, visual and/or hearing disturbances, memory loss, and sleep disturbances) as well as peripheral nervous system symptoms (peripheral neuropathy, tingling, numbness, weakness, and pain in fingers) have also been reported in workers exposed to vinyl chloride.

Several reproductive/developmental health effects from vinyl chloride exposure have been identified[30]:

- Several case reports suggest that male sexual performance may be affected by vinyl chloride. However, these studies are limited by lack of quantitative exposure information and possible co- occurring exposure to other chemicals.
- Several epidemiological studies have reported an association between vinyl chloride exposure in pregnant women and an increased incidence of birth defects, while other studies have not reported similar findings.
- Epidemiological studies have suggested an association between men occupationally exposed to vinyl chloride and miscarriages during their wives' pregnancies, although other studies have not supported these findings.
- Long-term exposure to vinyl chloride has also been identified as a cancer risk. Inhaled vinyl chloride has been shown to increase the risk of a rare form of liver cancer (angiosarcoma of the liver) in humans. Animal studies have shown that vinyl chloride, via inhalation, increases the incidence of angiosarcoma of the liver and cancer of the liver.

Airborne Fungus (*Coccidioides immitis*)

Coccidioidomycosis, often referred to as San Joaquin Valley Fever or Valley Fever, is one of the most studied and oldest known fungal infections. Valley Fever most commonly affects people who live in hot dry areas with alkaline soil and varies with the season. This disease, which affects both humans and animals, is caused by inhalation of arthroconidia (spores) of the fungus *Coccidioides immitis* (CI). CI spores are found in the top few inches of soil and the existence of the fungus in most soil areas is temporary. The cocci fungus lives as a saprophyte in dry, alkaline soil. When weather and moisture conditions are favorable, the fungus "blooms" and forms many tiny spores that lie dormant in the soil until they are stirred up by wind, vehicles, excavation, or other ground-moving activities and become airborne. Agricultural workers, construction workers, and other people who work outdoors and who are exposed to wind and dust are more likely to contract Valley Fever. Children and adults whose hobbies or sports activities expose them to wind and dust are also more likely to contract Valley Fever. After the fungal spores have settled in the lungs, they change into a multicellular structure called a spherule. Fungal growth in the lungs occurs as the spherule grows and bursts, releasing endospores, which then develop into more spherules.

Approximately 60 percent of Valley Fever cases are mild and display flu-like symptoms or no symptoms at all. Of those who are exposed and seek medical treatment, the most common symptoms include fatigue, cough, loss of appetite, rash, headache, and joint aches. In some cases, painful red bumps may develop on the skin. One important fact to mention is that these symptoms are not unique to Valley Fever and may be caused by other illnesses as well. Identifying and confirming this disease require specific laboratory tests such as: (1) microscopic identification of the fungal spherules in infected tissue, sputum or body fluid sample; (2) growing a culture of CI from a tissue specimen, sputum, or body fluid; (3) detection of antibodies (serological tests specifically for Valley Fever) against the fungus in blood

[30] United States Environmental Protection Agency (USEPA). 2020. Overview of Greenhouse Gases. Last Update April 10, 2020. [online]: https://www.epa.gov/ghgemissions/overview-greenhouse-gases

serum or other body fluids; and (4) administering the Valley Fever Skin Test (called *coccidioidin* or *spherulin*), which indicate prior exposure to the fungus[31].

Valley Fever is not contagious and, therefore, cannot be passed on from person to person. Most of those who are infected would recover without treatment within six months and would have a life-long immunity to the fungal spores. In severe cases, especially in those patients with rapid and extensive primary illness, those who are at risk for dissemination of disease, and those who have disseminated disease, antifungal drug therapy is used. The type of medication used and the duration of drug therapy are determined by the severity of disease and response to the therapy. The medications used include ketoconazole, itraconazole and fluconazole in chronic, mild-to-moderate disease, and amphotericin B, given intravenously or inserted into the spinal fluid, for rapidly progressive disease. Although these treatments are often helpful, evidence of disease may persist and years of treatment may be required[32].

Assembly Bill 32 (2006) and Senate Bill 32 (2016)

California's major initiative for reducing GHG emissions is outlined in Assembly Bill 32 (AB 32), the "California Global Warming Solutions Act of 2006." AB 32 codifies the statewide goal of reducing GHG emissions to 1990 levels by 2020 (essentially a 15 percent reduction below 2005 emission levels; the same requirement as under S-3-05) and requires CARB to prepare a Scoping Plan that outlines the main State strategies for reducing GHGs to meet the 2020 deadline. In addition, AB 32 requires CARB to adopt regulations to require reporting and verification of statewide GHG emissions. Reductions in overall energy consumption have been implemented to reduce emissions.

In September 2016, the Governor signed into legislation Senate Bill 32 (SB 32), which builds on AB 32 and requires the state to cut GHG emissions to 40 percent. With SB 32, the Legislature also passed AB 197, which provides additional direction for updating the Scoping Plan to meet the 2030 GHG reduction target codified in SB 32.

During June 2021, CARB in collaboration with other State agencies, held a three-day public workshop series to initiate the development of the update to the AB 32 Climate Change Scoping Plan, which is due in 2022 and will reflect California's goal to achieve carbon neutrality by 2045. Part of the effort in meeting California's long-term reduction goals include reducing petroleum use in cars and trucks by 50 percent, increasing from one-third to more than one-half of California's electricity derived from renewable sources, doubling the efficiency savings achieved at existing buildings and making heating fuels cleaner; reducing the release of methane, black carbon, and other short-lived climate pollutants, and managing farm and rangelands, forests, and wetlands so they can store carbon.

[31] Valley Fever Center for Excellence. 2019. Valley Fever in People. [online]: https://vfce.arizona.edu/
[32] Valley Fever Center for Excellence. 2019. Valley Fever in People. [online]: https://vfce.arizona.edu/

Attachment 6: Federal, State, and Local Air Quality Regulations

Federal Regulations

Criteria Air Pollutants

The federal CAA (42 United States Code Sections 7401-7675) is a comprehensive federal law that regulates air emissions from area, stationary, and mobile sources and requires the adoption of the NAAQS to protect public health and welfare from the effects of air pollution. The federal CAA Amendments of 1990 required that the EPA review all NAAQS with respect to health impacts and propose modifications or new rules as appropriate. In addition, the amendments of the 1990 federal CAA are associated with the attainment and maintenance of air quality standards, permits and enforcement, toxic air pollutants, acid deposition, stratospheric ozone protection, and motor vehicles and fuels.

NAAQS are currently assigned to SO_2, CO, NO_2, O_3, PM_{10}, $PM_{2.5}$, and lead. These pollutants are designated criteria pollutants. Standards are classified as primary and secondary. Primary standards are designed to protect public health, including sensitive individuals, such as children and the elderly, whereas secondary standards are designed to protect public welfare, such as visibility and crop or material damage. Standards currently in effect are shown in Table 1.

Hazardous Air Pollutants

The 1977 federal CAA amendments required the EPA to identify national emission standards for hazardous air pollutants (HAPs) to protect public health and welfare. HAPs include certain VOCs, pesticides, herbicides, and radionuclides that present a tangible hazard, based on scientific studies of exposure to humans and other mammals. The 1990 federal CAA amendments, which expanded the control program for HAPs, identified 189 substances and chemical families as HAPs. Over the years, the list has been modified. Currently, there are 187 federally regulated HAPs.

Greenhouse Gases

The principal air quality regulatory mechanism at the federal level is the CAA and, in particular, the 1990 amendments to the CAA and the NAAQS that it establishes. There are no federal regulations that set ambient air quality standards for GHGs. However, on April 2, 2007, the U.S. Supreme Court ruled that CO2 is an air pollutant as defined under the CAA, and that the EPA has the authority to regulate emissions of GHGs. Responding to the mounting issue of climate change, the EPA has taken actions to regulate, monitor, and potentially reduce GHG emissions.

On December 7, 2009, the EPA issued an endangerment finding that current and projected concentrations of the six GHGs in the atmosphere (CO_2, CH_4, N_2O, SF_6, HFCs, and PFCs) threaten the public health and welfare of current and future generations. The Endangerment Finding is based on Section 202(a) of the CAA, which states that the Administrator (of the EPA) should regulate and develop standards for “emission[s] of air pollution from any class or classes of new motor vehicles or new motor vehicle engines, which in [its] judgment cause, or contribute to, air pollution which may reasonably be anticipated to endanger public health or welfare.” The rule addresses Section 202(a) in two distinct findings. The first addresses whether the concentrations of the six key GHGs (CO_2, CH_4, N_2O, HFCs, PFCs, and SF_6) in the atmosphere threaten the health and welfare of current and future generations. The second addresses whether the combined emissions of GHGs from new motor vehicles and motor vehicle engines contribute to atmospheric concentrations of GHGs and, therefore, the threat of climate change.

The Administrator found that atmospheric concentrations of GHGs endanger the public health and welfare within the meaning of Section 202(a) of the CAA. The evidence supporting this finding consists of human activity resulting in "high atmospheric levels" of GHG emissions, which are most likely responsible for increases in average temperatures and other climatic changes. Furthermore, the observed and projected results of climate change (e.g., higher likelihood of heat waves, wildfires, droughts, sea level rise, and higher intensity storms) are a threat to public health and welfare. Therefore, GHGs were found to endanger the public health and welfare of current and future generations.

The Administrator also found that GHG emissions from new motor vehicles and motor vehicle engines are contributing to air pollution, which is endangering public health and welfare. The EPA's final findings respond to the 2007 U.S. Supreme Court decision that GHGs fit within the CAA definition of air pollutants. The findings do not in and of themselves impose any emission reduction requirements, but rather allow the EPA to define the GHG standards proposed earlier in 2009 for new light-duty vehicles as part of the joint rulemaking with the U.S. Department of Transportation.

Various subsequent federal rulemakings limit GHG emissions from fossil fuel-fired power plants through the EPA's major stationary source permitting program and through the EPA's New Source Performance Standards. These rulemakings have been subject to court challenges and political intervention, such that applicants for air permits are required to evaluate the current status of the regulatory requirements. These GHG rules do not apply to the activities associated with the Project.

Mandatory Greenhouse Gas Reporting Rule

On September 22, 2009, the EPA issued a final rule for mandatory reporting of GHGs from large GHG emissions sources in the U.S. (40 CFR 98). This Reporting Program requires facilities that emit 25,000 MT CO_2e or more of GHG to report their GHG emissions to the EPA to inform future policy decisionmakers. These publicly available data allow the reporters to track their own emissions, compare them to similar facilities, and help identify cost-effective opportunities to reduce emissions in the future. Reporting is at the facility level, except that certain suppliers of fossil fuels and industrial GHGs along with vehicle and engine manufacturers report at the corporate level. An estimated 85 percent of the total U.S. GHG emissions, from approximately 10,000 facilities, are covered by this final rule.

Regulations for Greenhouse Gas Emissions from Passenger Cars and Trucks

In April 2010, the EPA and the Department of Transportation's National Highway Traffic Safety Administration (NHTSA) established a national program consisting of new standards for model year (MY) 2012 through 2016 light-duty vehicles that will reduce GHG emissions and improve fuel economy. The EPA finalized the first-ever national GHG emissions standards under the CAA, and NHTSA has finalized the Corporate Average Fuel Economy (CAFE) standards under the Energy Policy and Conservation Act. The new standards were applicable to new passenger cars, light-duty trucks, and medium-duty passenger vehicles, covering MY 2012 through 2016. They require these vehicles to meet an estimated combined average emissions level of 250 grams of CO2 per mile in MY 2016 under EPA's GHG program, and 34.1 miles per gallon in MY 2016 under NHTSA's CAFE program and represent a harmonized and consistent national program[33].

[33] USEPA and NHTSA, 2010. Final Rulemaking to Establish Light-Duty Vehicle Greenhouse Gas Emission Standards and Corporate Average Fuel Economy Standards. Available at: https://nepis.epa.gov/Exe/ZyPDF.cgi/P1006W9S.PDF?Dockey=P1006W9S.PDF

In August 2012, the EPA and NHTSA issued final rules extending the national program to improve fuel economy for MY 2017 through 2025. These standards require vehicles to meet an estimated combined average emissions level of 163 grams of CO2 per mile in MY 2025 under EPA's GHG program, and 49.6 miles per gallon in MY 2025 under NHTSA's CAFE program[34]. In August 2018, the "Safer Affordable Fuel-Efficient" (SAFE) Vehicles Rule was proposed for MY 2021–2026 passenger cars and light trucks. This rule went into effect on June 29, 2020, thereby setting new CO2 standards for MY 2021 and later (85 *Federal Register* 40901).

In December 2021, following Executive Order 13990 (Protecting Public Health and the Environment and Restoring Science to Tackle the Climate Crisis), the EPA further revised the GHG emissions standards under CAA section 202(a) for light-duty vehicles for MY 2023 and later to adopt the more stringent SAFE rule standards in each MY from 2023 through 2026 (86 *Federal Register* 74434).

On April 18, 2024, the EPA published a final rule, Multi-Pollutant Emissions Standards for Model Years 2027 and Later Light-Duty and Medium-Duty Vehicles, that sets new, more protective standards to further reduce harmful air pollutant emissions from light-duty and medium-duty vehicles starting with MY 2027 (89 *Federal Register* 27842).

Greenhouse Gas Emissions Standards and Fuel Efficiency Standards for Medium- and Heavy-Duty Engines and Vehicles

In 2011, the EPA and NHTSA announced fuel economy and GHG standards for medium- and heavy-duty trucks for MY 2014–2018 (76 *Federal Register* 57106–57513). The standards for CO_2 emissions and fuel consumption are tailored to three main vehicle categories: combination tractors, heavy-duty pickup trucks and vans, and vocational vehicles. According to the EPA, this regulatory program will reduce GHG emissions and fuel consumption for the affected vehicles by 6 to 23 percent over the 2010 baselines. 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 MY 2018 through 2027 for certain trailers, and MY 2021 through 2027 for semi-trucks, large pick-up trucks, vans, and all types of 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 (81 *Federal Register* 73478).

State Regulations

Criteria Air Pollutants

The CCAA, passed by the California Legislature and signed into law by the Governor in 1988, assigns state-specific ambient air quality standards that had originally been established in part in 1959 by the California Department of Public Health. The California standards are, in most cases, more stringent than federal standards. The goal of the CCAA is to attain state air quality standards by the earliest practical date. Because California established Ambient Air Quality Standards several years before the federal action and because of unique air quality problems introduced by the restrictive dispersion meteorology in much of California, there can be a considerable difference between CAAQS and NAAQS. Those standards currently in effect in California are shown on Table 1.

[34] USEPA and NHTSA, 2012. Final Rulemaking for 2017-2025 Light-Duty Vehicle Greenhouse Gas Emission Standards and Corporate Average Fuel Economy Standards. Available at: https://nepis.epa.gov/Exe/ZyPDF.cgi/P100F1E5.PDF?Dockey=P100F1E5.PDF

After further review of the relationship between fine particulate matter and human health effects, the California Air Resources Board (CARB) adopted new state standards on June 20, 2002, for $PM_{2.5}$. No specific control programs are in place to achieve the more stringent standard. However, it does represent an air quality goal intended to dramatically reduce the adverse health effects from fine particle air pollution.

State Implementation Plans

The federal CAA requires all states to submit a State Implementation Plan (SIP) to the EPA. SIPs are not single documents. They are a compilation of new and previously submitted plans, programs (such as monitoring, modeling, permitting, etc.), district rules, state regulations, and federal controls. Many of California's SIPs and attainment plans rely on the same core set of control strategies such as emission standards for cars and heavy trucks, fuel regulations, and limits on emissions from consumer products. State law designates CARB as the lead agency for all purposes related to SIPs and attainment plans. Local air districts and other agencies prepare SIP elements and submit them to CARB for review and approval. CARB forwards those revisions to the EPA for approval and publication in the Federal Register.

The law also requires submission of attainment plans for areas that are designated nonattainment with respect to the NAAQS. These attainment plans are comprehensive plans that describe how a Federal nonattainment area will attain and maintain the particular NAAQS standard(s) it does not conform to. Once the area is redesignated as attainment for the NAAQS in question, a maintenance area classification is required for a period of twenty years to provide assurance the area will continue to be in attainment, and SIPs must be submitted under this maintenance area classification.

Toxic Air Contaminants

The state Air Toxics Program was established in 1983 under AB 1807 (Tanner). The California Toxic Air Contaminants (TAC) list identifies more than 700 pollutants; 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. The Air Toxics "Hot Spots" Information and Assessment Act of 1987 (AB 2588) seeks to identify and evaluate risk from air toxics sources. TAC emissions from individual facilities are quantified and prioritized. "High-priority" facilities are required to perform a health risk assessment, and if specific thresholds are exceeded, facilities are required to communicate the results to the public in the form of notices and public meetings.

Diesel particulate matter (DPM), a mixture of solid particles in diesel engine exhaust, is classified as a carcinogen and TAC in California. Long-term exposure to DPM poses the highest cancer risk of any toxic air contaminant evaluated by the Office of Environmental Health Hazard Assessment (OEHHA). CARB estimates that about 70 percent of the cancer risk that the average Californian faces from breathing toxic air pollutants stems from DPM. Exposure to DPM is highest near roads and freeways, truck loading and unloading operations, and diesel-powered machinery operations. Exposure to diesel exhaust in general can have immediate health effects such as irritation to the eyes, nose, throat, and lungs. It can also cause coughs, headaches, light-headedness, and nausea[35].

In 2000, CARB approved a comprehensive Diesel Risk Reduction Plan to reduce diesel emissions from both new and existing diesel-fueled vehicles and engines. The regulation is anticipated to result

[35] Office of Environmental Health Hazard Assessment (OEHHA). and ALA, 2001. Health Effects of Diesel Exhaust. Available at: https://oehha.ca.gov/air/health-effects-diesel-exhaust

in an 80 percent decrease in statewide diesel health risk in 2020 compared with the diesel risk in 2000. In 2020, CARB adopted the Advanced Clean Truck Regulations that requires truck manufacturers to transition from diesel trucks and vans to electric zero-emission trucks beginning in 2024. By 2045, every new truck sold in California will be zero-emission.

Additional regulations apply to new trucks and diesel fuel, including the OnRoad Heavy Duty Diesel Vehicle (In-Use) Regulation, On-Road Heavy Duty (New) Vehicle Program, In-Use Off-Road Diesel Vehicle Regulation, and 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. Several Airborne Toxic Control Measures reduce diesel emissions, including In-Use Off-Road Diesel-Fueled Fleets (13 California Code of Regulations [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 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. Section 41700 also applies to sources of objectionable odors.

Valley Fever

In 2019, Section 6709 was added to the AB 203 California Labor Code. This legislation requires employers to provide effective Valley Fever awareness and prevention training on an annual basis 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. Additionally, the training must be provided before an employee begins work that is reasonably anticipated to cause exposure due to substantial dust disturbance.

Greenhouse Gases

California Air Resources Board

The CARB is responsible for the coordination and oversight of State and local air pollution control programs in California. Various Statewide and local initiatives to reduce California's contribution to GHG emissions have raised awareness about climate change and its potential for severe long-term adverse environmental, social, and economic effects. In the United States, transportation, industrial operations, and utility usages consist over 75 percent of all GHGs emitted.

The State legislature has enacted a series of bills that constitute the most aggressive program to reduce GHGs of any state in the nation. Some legislation, such as the landmark AB 32 and California Global Warming Solutions Act of 2006, was specifically enacted to address GHG emissions.

Assembly Bill 32 (California Global Warming Solutions Act of 2006)

The California Global Warming Solutions Act of 2006 (AB 32; California Health and Safety Code Division 25.5, Sections 38500 to 38599) establishes regulatory, reporting, and market mechanisms to achieve quantifiable reductions in GHG emissions and establishes a cap on statewide GHG emissions. AB 32 requires the state to create an opportunity for interested parties to comment on the scoping plan

by conducting public workshops which are required in regions with low-income communities and minority populations. AB 32 required that statewide GHG emissions be reduced to 1990 levels by 2020. In 2016, statewide GHG emissions fell below the levels recorded in 1990, 4 years ahead of schedule.

California Air Resources Board Scoping Plan

To achieve the goals of AB 32, CARB adopted a Scoping Plan[36] establishing an overall framework for the measures that would be adopted to reduce California's GHG emissions. CARB determined that achieving the 1990 emissions level would require a reduction of GHG emissions of approximately 29 percent below what would otherwise occur in 2020 in the absence of new laws and regulations. The Scoping Plan evaluates opportunities for sector-specific reductions, integrates early actions and additional GHG reduction measures by both CARB and the State's Climate Action Team, identifies additional measures to be pursued as regulations, and outlines an adopted role of a cap and-trade program.

In 2016, the Legislature passed Senate Bill (SB) 32, which codifies a 2030 GHG emissions reduction target of 40 percent below 1990 levels. With SB 32, the Legislature passed companion legislation, AB 197, which provides additional direction for developing the Scoping Plan. On December 14, 2017, CARB adopted a second update to the Scoping Plan. The 2017 Scoping Plan details how the State will reduce GHG emissions to meet the 2030 target set by Executive Order B-30-15 and codified by SB 32. Other objectives listed in the 2017 Scoping Plan are to provide direct GHG emissions reductions; support climate investment in disadvantaged communities; and support the Clean Power Plan and other federal actions.

CARB's 2022 Scoping Plan for Achieving Carbon Neutrality[37] (2022 Scoping Plan) was adopted December 15, 2022. The Plan sets a path to achieve targets for carbon neutrality and reduce anthropogenic GHG emissions by 85 percent below 1990 levels by 2045 in accordance with AB 1279. To achieve the targets of AB 1279, the 2022 Scoping Plan relies on existing and emerging fossil fuel alternatives and clean technologies, as well as carbon capture and storage. Specifically, the 2022 Scoping Plan focuses on zero-emission transportation; phasing out use of fossil gas use for heating homes and buildings; reducing chemical and refrigerants with high GWP; providing communities with sustainable options for walking, biking, and public transit; displacement of fossil-fuel fired electrical generation through use of renewable energy alternatives (e.g., solar arrays and wind turbines); and scaling up new options such as green hydrogen.

Executive Order B-55-18 and Senate Bill 100 (100 Percent Clean Energy Act of 2018)

SB 100, also known as the California Renewables Portfolio Standard Program: Emissions of Greenhouse Gases, was approved by the California legislature and signed by Governor Brown in September 2018. SB 100, also known as the 100 Percent Clean Energy Act of 2018, declares that CARB should plan for 100 percent total retail sales of electricity in California to come from eligible renewable energy resources and zero-carbon resources by the end of 2045. SB 100 also set interim goals, accelerating the Renewable Portfolio Standard (RPS) requirement to 50 percent from renewable energy sources by 2026 and 60 percent by 2030. SB 100 also requires that retail sellers and local publicly owned electric utilities procure a minimum quantity of electricity products from eligible

[36] CARB, 2022. 2022 State Strategy for the State Implementation Plan. Available at: http://www.kernair.org/Documents/Announcements/Attainment/EKAPCD_2008_and_2015_RACT_SIP-2023.pdf

[37] CARB, 2022. 2022 State Strategy for the State Implementation Plan. Available at: http://www.kernair.org/Documents/Announcements/Attainment/EKAPCD_2008_and_2015_RACT_SIP-2023.pdf

renewable energy resources so that the total kilowatt hours of those products sold to their retail end use customers achieve 44 percent of retail sales by December 31, 2024, 52 percent by December 31, 2027, and 60 percent by December 31, 2030. In addition to targets under AB 32 and SB 32, Executive Order B-55-18 establishes a carbon neutrality goal for the state of California by 2045, and sets a goal to maintain net negative emissions thereafter. The Executive Order directs the California Natural Resources Agency, California Environmental Protection Agency (CalEPA), the Department of Food and Agriculture, and CARB to include sequestration targets in the Natural and Working Lands Climate Change Implementation Plan consistent with the carbon neutrality goal.

Assembly Bill 1279 (California Crisis Act)

In 2022, California passed AB 1279 (California Crisis Act), which introduced a statewide policy to achieve net zero GHG emissions by 2045 and maintain net negative GHG emissions thereafter. Furthermore, AB 1279 ensures that by 2045, statewide anthropogenic GHG emissions are reduced to at least 85 percent below the 1990 levels. This bill would require the state board to work with relevant state agencies to ensure that updates to the scoping plan identify and recommend measures to achieve these policy goals and to identify and implement a variety of policies and strategies that enable CO_2 removal solutions and carbon capture, utilization, and storage technologies in California, as specified.

Executive Order S-3-05

In June 2005, Executive Order S-3-05 set forth a series of target dates by which statewide emissions of GHGs would be progressively reduced, as follows:

- By 2010, reduce GHG emissions to 2000 levels;
- By 2020, reduce GHG emissions to 1990 levels; and
- By 2050, reduce GHG emissions to 80 percent below 1990 levels.

The Executive Order directed the secretary of CalEPA to coordinate a multi-agency effort to reduce GHG emissions to the target levels. The secretary will also submit biannual reports to the governor and the California Legislature describing the progress made toward the emissions targets, the impacts of global climate change on California's resources, and mitigation and adaptation plans to combat these impacts.

In 2006, this goal was further reinforced with the passage of AB 32, the Global Warming Solutions Act of 2006. As stated previously, AB 32 sets the same overall GHG emissions reduction goals while further mandating that the CARB create a plan (Scoping Plan), which includes market mechanisms, and implement rules to achieve real, quantifiable, cost-effective reductions of GHGs.

Executive Order S-14-08 and Executive Order S-21-09

Executive Order S-14-08 expands the State's Renewable Energy Standard to 33 percent renewable power by 2020. Additionally, Executive Order S-21-09 (2009) directs CARB to adopt regulations requiring that 33 percent of electricity sold in the state come from renewable energy by 2020.

Executive Order S-21-09 directs CARB to adopt regulations to increase California's RPS to 33 percent by 2020. This builds upon SB 1078 (2002), which established the California RPS program, requiring 20 percent renewable energy by 2017, and SB 107 (2006), which advanced the 20 percent deadline to 2010, a goal which was expanded to 33 percent by 2020 in the 2005 Energy Action Plan II.

Executive Order B-30-15, Senate Bill 32, and Assembly Bill 197 (Statewide Interim GHG Targets)

California Executive Order B-30-15 (April 29, 2015) set an "interim" statewide emission target to reduce GHG emissions to 40 percent below 1990 levels by 2030 and directed state agencies with jurisdiction over GHG emissions to implement measures pursuant to statutory authority to achieve this 2030 target and the 2050 target of 80 percent below 1990 levels. Specifically, the Executive Order directed CARB to update the Scoping Plan to express this 2030 target in MT. AB 197 (September 8, 2016) and SB 32 (September 8, 2016) codified into statute the GHG emissions reduction targets of at least 40 percent below 1990 levels by 2030 as detailed in Executive Order B-30-15. AB 197 also requires additional GHG emissions reporting that is broken down to sub-county levels and requires CARB to consider the social costs of emissions impacting disadvantaged communities.

Regional and Local Regulations

The CARB coordinates and oversees both state and federal air pollution control programs in California and has divided the state into 15 air basins. Significant authority for air quality control within each basin has been given to local Air Pollution Control Districts (APCD) or Air Quality Management Districts (AQMD) that regulate stationary source emissions and develop local nonattainment plans. The Project is located in Kern County within the Mojave Desert Air Basin, which is under the jurisdiction of the EKAPCD. The EKAPCD is the regional agency responsible for the regulation and enforcement of federal, state, and local air pollution control regulations. Other regional agencies that coordinate emission reduction strategies with the EKAPCD include the Kern County Planning and Natural Resources Department and the Kern Council of Governments.

Eastern Kern Air Pollution Control District

Criteria Air Pollutants

The EKAPCD has developed the following plans to attain state and federal standards for ozone and particulate matter:

- 8-Hour Ozone. On July 27, 2017, the EKAPCD adopted an attainment plan designed to address all required elements of "Serious" nonattainment pursuant to the 75 parts per billion (ppb) O_3 NAAQS. The adopted O_3 plan identified emission control measures and associated emission reductions necessary to demonstrate attainment by 2021. Unfortunately, the District did not achieve attainment of the 75-ppb standard by July 15, 2021, and was reclassified to "Severe" nonattainment (now required to attain by July 2027). In 2015, the federal 8-hour O_3 NAAQS was revised to 70 ppb. The current plan, adopted in 2023, addresses all required plan elements, emissions reductions, and control measures necessary to demonstrate attainment of the 2008 and 2015 8-hour O_3 NAAQS by 2033[38].
- PM_{10}. EKAPCD adopted the Indian Wells Valley Second PM10 Maintenance Plan on May 7, 2020[39]. The plan addresses EKAPCD's efforts to achieve or maintain attainment with respect to both the annual and 24-hour PM_{10} standards, since both standards were included in the Amended 2003 PM_{10} Plan that EPA approved into the SIP. EPA has since revoked the annual PM_{10} standard effective December 18, 2006 (71 *Federal Register* 61144).

[38] EKAPCD, 2023. 2023 Ozone Attainment Plan for the 2008 & 2015, 8-Hour Ozone National Ambient Air Quality Standards (NAAQS). Available at: http://www.kernair.org/Documents/Rules/2023%20Attainment%20Plan/EKAPCD_2023_Ozone_Plan_Adopted_5-4-23.pdf

[39] https://ww2.arb.ca.gov/resources/documents/indian-wells-valley-second-10-year-pm10-maintenance-plan

The EKAPCD implements air quality plans by adopting and enforcing rules and regulations. Stationary sources within the jurisdiction are regulated by the EKAPCD's permit authority 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 primarily mobile sources (i.e., construction equipment and motor vehicles) and area sources (small dispersed stationary and other non-mobile sources), including exempt sources (i.e., no permit required) such as consumer products, landscaping equipment, furnaces, and water heaters. Mixed-use land development projects may include nonexempt sources, including devices such as stationary internal combustion engines (i.e., backup power generators), small to large boilers, gas stations, or asphalt batch plants.

Notwithstanding nonexempt stationary sources, which would be permitted on a case-by-case basis, the following EKAPCD regulations generally apply to land use development projects:

- Regulation II – Permits
    - Rule 201 establishes permitting requirements for stationary sources, including the Project's backup generators. The EKAPCD also adopted rules requiring commercial solar facilities to obtain Authority to Construct and Permit to Operate approval under Rule 201 to address fugitive dust emissions. Under Rule 201, these projects would be required to submit a Fugitive Dust Emissions Control Plan in accordance with Rule 402. In addition, the EKAPCD is requiring a Fugitive Dust Emissions Monitoring Plan through which each facility will install upwind and downwind particulate matter air monitoring. The monitoring will be used to demonstrate compliance with the District Rules and Regulations.
    - Rule 208.2. Criteria for Finding of No Significant Environmental Impact (California Environmental Quality Act [CEQA]). This Rule establishes criteria by which a project under review by EKAPCD be found to have no potential for causing a significant environmental impact, and, thus, be granted a general rule exemption pursuant to Section 15061(b)(3) of the State CEQA Guidelines.
- Regulation IV – Prohibitions
    - Rule 401. Visible Emissions. The purpose of this rule is to prohibit the emissions of visible air contaminants to the atmosphere.
    - Rule 402. Fugitive Dust. The purpose of this rule is to prevent, reduce, and mitigate ambient concentrations of anthropogenic fugitive dust emissions to an amount sufficient to attain and maintain the NAAQS and CAAQS. Under this rule, owners/ operators of a commercial solar facility must submit a fugitive dust emission control plan prior to commencement of any earthmoving activity and operations.

Additionally, the EKAPCD has adopted the *Guidelines for Implementation of the California Environmental Quality Act (CEQA) of 1970, as Amended*[40]. The purpose of the guidelines is to set forth the definitions, procedures, and forms for use by the EKAPCD to implement CEQA and to supplement State CEQA guidelines. The guidelines also establish the thresholds for specific pollutants, emissions above which are considered significant[41]. These thresholds are discussed in later sections of this report.

[40] Eastern Kern Air Pollution Control District (EKAPCD), 1999. Guidelines for Implementation of the California Environmental Quality Act (CEQA) of 1970, as Amended. Available at: http://kernair.org/Documents/CEQA/CEQA_Guidelines%20%26%20Charts.pdf

[41] Eastern Kern Air Pollution Control District (EKAPCD), 1999. Guidelines for Implementation of the California Environmental Quality Act (CEQA) of 1970, as Amended. Available at: http://kernair.org/Documents/CEQA/CEQA_Guidelines%20%26%20Charts.pdf

Greenhouse Gases

The EKAPCD adopted the *Addendum to CEQA Guidelines Addressing GHG Emission Impacts for Stationary Source Projects When Serving as Lead CEQA Agency* in March 2012. The Policy establishes and details the process of evaluating new or modified stationary source GHG emissions impacts on global climate change for purposes of CEQA. This Policy is to be used when EKAPCD has discretionary approval authority over new stationary source projects and serves as lead CEQA review agency when determining GHG emissions significance. Although EKAPCD is not the lead agency for this Project, the Kern County Planning and Natural Resources Department's guidelines point to the CEQA significance thresholds adopted by the district.

The Kern Council of Governments (KCOG) is the Metropolitan Planning Organization (MPO) for the Kern Region as designated by the federal government, and the Regional Transportation Planning Agency (RTPA) as designated by the State of California. It is responsible for developing and updating a variety of transportation plans and for allocating the federal and state funds to implement them. KCOG adopted the 2022 *Regional Transportation Plan/Sustainable Communities Strategy* (RTP/SCS), which serves as a 24-year blueprint that establishes a set of regional transportation goals, policies, and actions intended to guide development of the planned multimodal transportation systems in Kern County[42].

Kern County

The Kern County General Plan, adopted in September 2009, is a comprehensive policy document with planned land use maps and related information that are designed to give long-range guidance to those County officials making decisions affecting the growth and resources of the unincorporated Kern County jurisdiction[43]. The policies and implementation measures applicable to the Project are discussed below. Applicable policies from this plan are also discussed below. The Soledad Mountain-Elephant Butte Specific Plan is also applicable to the Project. However, this plan does not include any applicable goals, policies, or implementation measures.

Criteria Air Pollutants

Kern County General Plan: Land Use, Open Space, and Conservation Element: Section 1.10.2, Air Quality

Policies	
Policy 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.
Policy 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

[42] Kern Council of Government (KCOG). 2022. 2022 Regional Transportation Plan/Sustainable Communities Strategy. Available at: https://www.kerncog.org/wpcontent/uploads/2022/12/2022_RTP.pdf
[43] County of Kern, Various Dates. Kern County General Plan, last amended September 22, 2009. Available at: https://kernplanning.com/planning/planning-documents/general-plans-elements/ (accessed October 1, 2024).

	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.
Policy 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.
Policy 21	The County shall support air districts' efforts to reduce PM10 and PM2.5 emissions.
Policy 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.
Implementation Measures	
Measure F	All discretionary permits shall be referred to the appropriate air district for review and comment.
Measure 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.
Measure J	The County should include PM_{10} control measures as conditions of approval for subdivision maps, site plans, and grading permits.

Additionally, the Kern County Planning and Natural Resources Department has developed *Guidelines for Preparing an Air Quality Impact Assessment for Use in Environmental Impact Reports* to assist with the preparation of the air quality assessments for use as a technical document in Environmental Impact Reports[44].

Kern County Best Management Practices for Dust Management

In 2013, solar developers and planners from Los Angeles and Kern Counties began a series of meetings to discuss the best management practices for protecting air quality and minimizing construction impacts from solar projects. The process incorporated feedback from the Mojave Air and Space Port, members of the Mojave Chamber of Commerce, Rosamond Municipal Advisory Council, and numerous other community leaders. Subsequent to these meetings, Kern County developed a new approach to best control fugitive dust emissions and improve air quality in the high desert. The County's approach recognizes that effective dust control management must be site-specific and cannot be "one size fits all" because standard methods do not adequately meet the challenges of such a unique environment as the Mojave Desert region. An effective strategy has to be based on soil conditions, topography, adjacent land uses, and wind direction.

[44] Kern County Planning and Natural Resources Department, 2006. Guidelines for Preparing an Air Quality Assessment for Use in Environmental Impact Reports. Available at: http://www.kernair.org/Documents/CEQA/AirQualityAssessmentPreparationGuidelines.pdf

Conditions imposed on the new solar projects in Kern County are more extensive and rigorous than ever before. These include:

- Development of a site-specific Dust Control Plan that considers ongoing community stakeholder input, to the extent feasible and practicable.
- Use of Global Positioning System (GPS) or lasers to level posts, generally avoiding grading except when elevation changes exceed design requirements.
- When grading is unavoidable, it is to be phased and done with the application of approved chemical dust palliatives that stabilize the earth.
- Use of dust suppression measures during road surface preparation activities, including grading and compaction.
- Final road surfaces must be stabilized to achieve a measurable threshold friction velocity (TFV; the wind speed at which erosion starts) equal to or greater than 100 centimeters per second.
- If ground is cleared, plant roots must be left in place where possible.
- Expanded onsite watering processes.
- Installation of wind barrier fencing or screening.
- Vehicle speed for all construction vehicles shall not exceed 15 miles per hour (mph) on any unpaved (i.e., without asphalt) surface at the construction site. •
- All trucks hauling dirt, sand, soil, or other loose materials shall be covered or shall maintain at least 2 feet of freeboard.
- Sending mailings to residents within 1,000 feet of a project site.

Kern County is also carefully monitoring all solar construction activities to ensure that all mitigation measures are followed and are adequate to minimize dust-related health concerns.

Greenhouse Gases

Energy Element: Section 5.4.5, Solar Energy Development

Policies	
Policy 1	The County shall encourage domestic and commercial solar energy uses to conserve fossil fuel and improve air quality.
Policy 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.
Policy 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	
Measure 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.
Measure B	The County should work with affected State and federal agencies and interest groups to establish consistent policies for solar energy development.

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Attachment 6

All modeling input and output files are available electronically upon request to the Kern County Planning and Natural Resources Department

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Appendix B2
Health Risk Assessment Report

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TRC
6 Executive Circle
Suite 200
Irvine, CA 92614

Main 949.727.9336

To:	Victoria Edwards, Project Development Associate, CAISO Euismod Project LLC and Euismod Project I LLC
From:	James Ryan, Senior Air Quality Scientist Joseph Stenger, Principal III
Subject:	Construction Health Risk Assessment, Euismod Project LLC and Euismod Project I LLC
Date:	June 10, 2026
Project No.:	552398

Introduction and Executive Summary

Kern County Planning Department staff has requested a health risk assessment (HRA) to evaluate potential health effects from construction activity that will occur from the Euismod Project (Project) located in the Willow Springs area of unincorporated Kern County, California. Air pollutant emissions anticipated to occur from Project construction were estimated by TRC using the California Air Resources Board CalEEMod program as documented in TRC's memorandum *Air Quality and Greenhouse Gas Emissions Report, Euismod Project* (TRC, 2026, and found to be below Eastern Kern Air Pollution Control District's (EKAPCD) CEQA significance thresholds. The health concern for construction emissions from the Project is diesel particulate matter (DPM) emissions that are emitted from diesel construction equipment and construction site diesel powered vehicles.

This HRA addresses the potential health risk of the Project's construction DPM emissions using dispersion and chemical exposure modeling to evaluate the transport, then fate, of the DPM estimated by CalEEMod and the resulting concentrations at residential receptors. The Project is not located in proximity to any industrial or commercial areas where workers are regularly present; therefore, worker receptors were not considered in this analysis. Health risk is assessed using the modeled concentrations of DPM and the California Air Resources Board HARP 2 chemical exposure model. In the model, these DPM emissions were assumed to be uncontrolled and to be equivalent to the total exhaust particulate emissions estimated by CalEEMod.

The DPM transport is determined by the United States Environmental Protection Agency's (EPA)'s preferred atmospheric dispersion model, "AERMOD." AERMOD determines diesel particulate unity emission concentrations at nearest residences and adjacent properties. These unity emission concentrations were determined using the entire construction site as a single polygon area source that emits at one gram (unity) per second divided by the surface area in AERMOD. The results were input into HARP2 to evaluate the product of AERMOD output and actual CalEEMod DPM emissions, then calculate cancer risk and non-cancer hazard levels to the surrounding public. Noncancer hazard indices include both "chronic" long term health effects as well as short term "acute" health effects. DPM emissions

have only cancer and chronic toxicity, so acute hazard effects were not addressed in this analysis. As described below, results indicate that Project construction would not create a substantial health risk to offsite receptors.

Dispersion Modeling

AERMOD's mapping projection was set up using Universal Transverse Mercator (UTM) coordinate system set up in World Geodetic System 1984 (WGS84) datum in northern hemispheric UTM Zone 11. The following provides the input settings used in this analysis for the many options AERMOD can perform.

Control Pathway

- Reg Default Option.
- Model Concentrations.
- Air toxics modeling for 1-hour max concentration and annual "Period," to provide unity emission concentrations.
- Elevated terrain.

Source Pathway- Polygon Area of the entire construction activity site. The area source was characterized to have a release height of 2.55 meters with an initial vertical dimension of 2.37 meters to reflect a typical stack height of equipment used during construction.[1] The HROFDAY factor in AERMOD was used to reflect a typical 10 hour a day construction schedule within the same 6 am to 5 pm window identified in the Project's Transportation Study.[2]

Receptor Pathway

- Multi-tiered receptor grid with the following resolutions:
  - 25-meter spacing from the construction area perimeter out to 800 meters,
  - 50-meter spacing from the construction area perimeter out to 1000 meters,
  - 100-meter spacing from the construction area perimeter out to 1200 meters,
  - 250-meter spacing from the construction area perimeter out to 1700 meters, and
  - 500-meter spacing from the construction area perimeter out to 2500 meters.
- Cartesian plant boundary receptors with 10-meter spacing for the entire perimeter.
- A flagpole height of 1.8 meters was used to represent the breathing zone of a person.
- Elevated Terrain modeling scenario.
- Run AERMOD using the AERMAP Receptor Output File (*.ROU).

Meteorological data was obtained for the Edwards Air Force Base surface weather monitoring station and includes upper air meteorological data from San Diego airport. This data has been processed by the California Air Resources Board (CARB) for 2012, 2016, 2017, 2019, and 2020.

The source area polygon modeled is the approximately 120-acre site shown as the Project Area in the attached figures. While actual construction activity will be less than the amount modeled and will be dispersed due to construction that will also occur within the tie-line corridors, as a conservative assumption, all construction activity was assumed to be concentrated within the BESS site. The DPM emissions calculated by CalEEMod were input along with AERMOD unity concentrations into the HARP2

[1] EPA (U.S Environmental Protection Agency). 2012. Haul Road Workgroup Final Report Submission to EPA-OAQPS. Available online at https://www.epa.gov/sites/default/files/202010/documents/haul_road_workgroup-final_report_package-20120302.pdf. Also, see Kern County, 2026. Discovery Solar PV and Storage Project, Vol. 3, Apx. C1, pg. 30.

[2] Fehr & Peers, 2026. Kern County Battery Storage Facility Transportation Study, May 21.

chemical exposure assessment model. HARP2 then calculates the actual field concentration from construction activity's DPM emissions, then performs the HRA calculations.
The risk assessment settings in HARP included the following:

- Risk Management Policy using the Office of Environmental Health Hazard Association (OEHHA) derived method intake rate percentile for residential thirty-year cancer risk assessment,
- CalEEMod average daily and annual emissions for both the 2027 and 2028 construction years, and
- Particulate deposition rate of 0.02 meters per second, which is appropriate for diesel internal combustion engine emissions, which are mostly composed of PM2.5 emissions according to HARP guidelines.[3]

Receptor Locations

The Project area is rural with a few residential receptors located close enough to be exposed to a potential risk from Project construction emissions. As previously described, the Project is not located in proximity to any industrial or commercial areas where workers are present. Potential nearby residential receptor locations were identified using October 2024 Google Earth Aerial imagery and are shown in Figure 1.

Significance Thresholds

The EKAPCD does not have health risk assessment CEQA significance thresholds applicable to construction projects. Given the absence of applicable construction thresholds, EKAPCD's health risk thresholds applicable to facility operations are conservatively used for this analysis. According to the EKAPCD CEQA Guidelines and Rule 208.2, a project's impacts would be significant if its emissions result in exposure of sensitive receptors to health risk exceeding public notification thresholds adopted by the EKAPCD Board. These thresholds include a cancer risk greater than or equal to one in one million and chronic hazard (non-cancerous) index greater than or equal to 0.1. A comparison of the Project's construction health risks to these thresholds is provided below[4].

Health Risk Assessment Results

Residential Cancer Risk & Burden

The Project's residential cancer risk analysis results are presented in Figure 2 with contours showing cancer risk per million exposures. The 30-year exposure duration for individual cancer risk was adjusted by 2/30 to account for construction activity ceasing operation after 2 years. The figure shows that no contours that would exceed the threshold of one in one million extend beyond the site boundary. As shown in Figure 2, the maximum residential cancer risk at the closest potential residential receptors would be well less than one in one million.

Residential Chronic Hazard Index

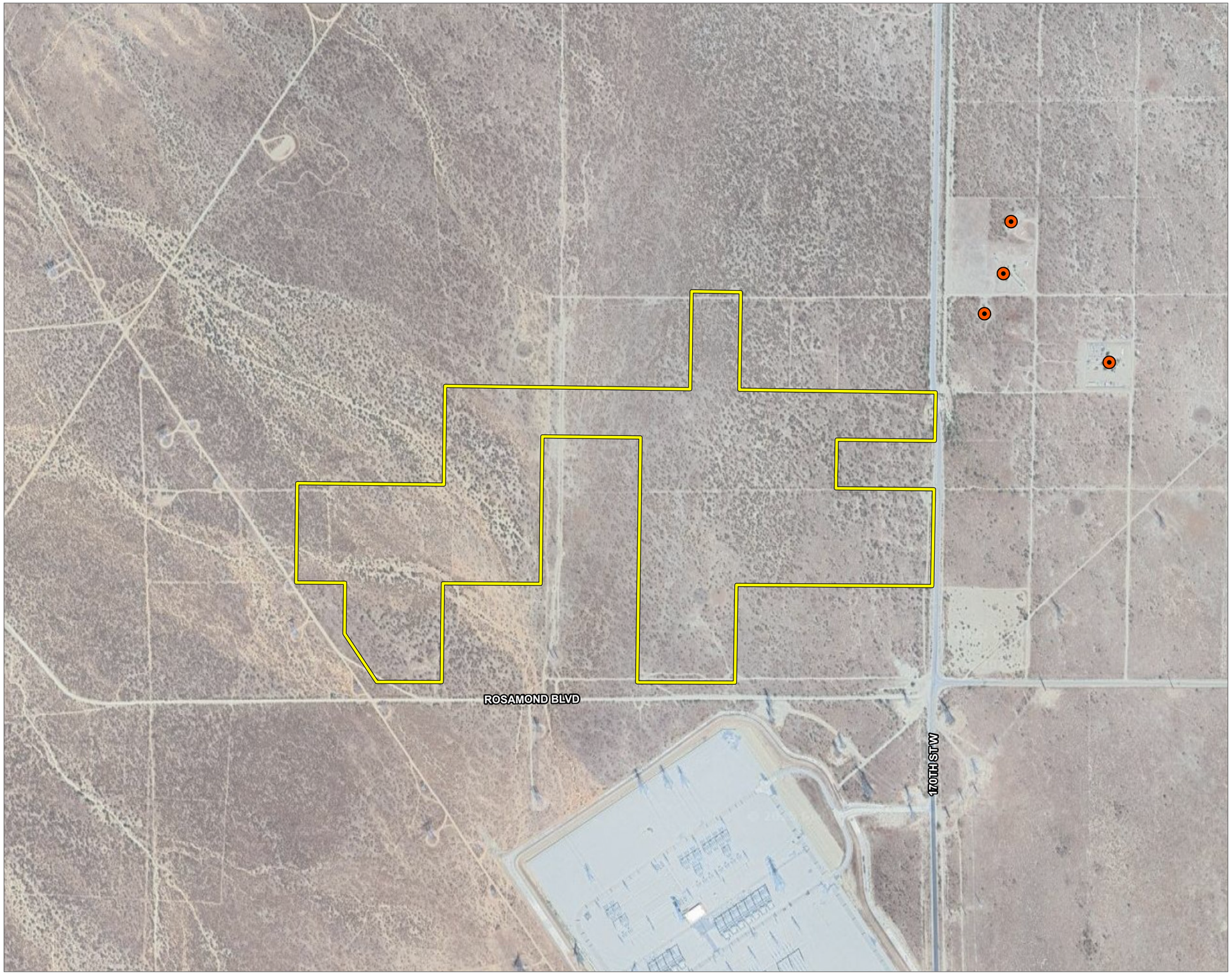
The Project's maximum residential offsite chronic hazard index results are presented in Figure 3. Figure 3 shows that there is no offsite location exceeding chronic hazard index significance threshold of 0.1. The

[3] "For particulate matter, the default value of 0.02 meters per second is used for emission sources that have verifiable particulate matter control devices or for emission sources that may be uncontrolled but only emit particulate matter that is less than 2.5 microns." California Environmental Protection Agency Air Resources Board, User Manual for the Hotspots Analysis and Reporting Program Air Dispersion Modeling and Risk Assessment Tool Version 2. Last Revised: March 17, 2015.
https://ww2.arb.ca.gov/sites/default/files/classic/toxics/harp/docs2/harp2admrtuserguide.pdf

[4] KCAPCD Board of Directors, Guidelines for Implementation of the California Environmental Quality Act (CEQA) of 1970, July 1, 1999, *http://www.kernair.org/Documents/CEQA/CEQA_Guidelines%20&%20Charts.pdf*

maximum residential chronic hazard index is orders of magnitude below this threshold at all offsite locations.

Figures



PROJECT SITE

POTENTIAL RECEPTOR LOCATIONS

NOTES:
BASE MAP: GOOGLE "SATELLITE" ONLINE SERVICE LAYER
AERIAL DATE: 11/2023
DATA SOURCES: TRC, GOOGLE, ESRI

N

1:9,600
1" = 800'

0 400 800
FEET



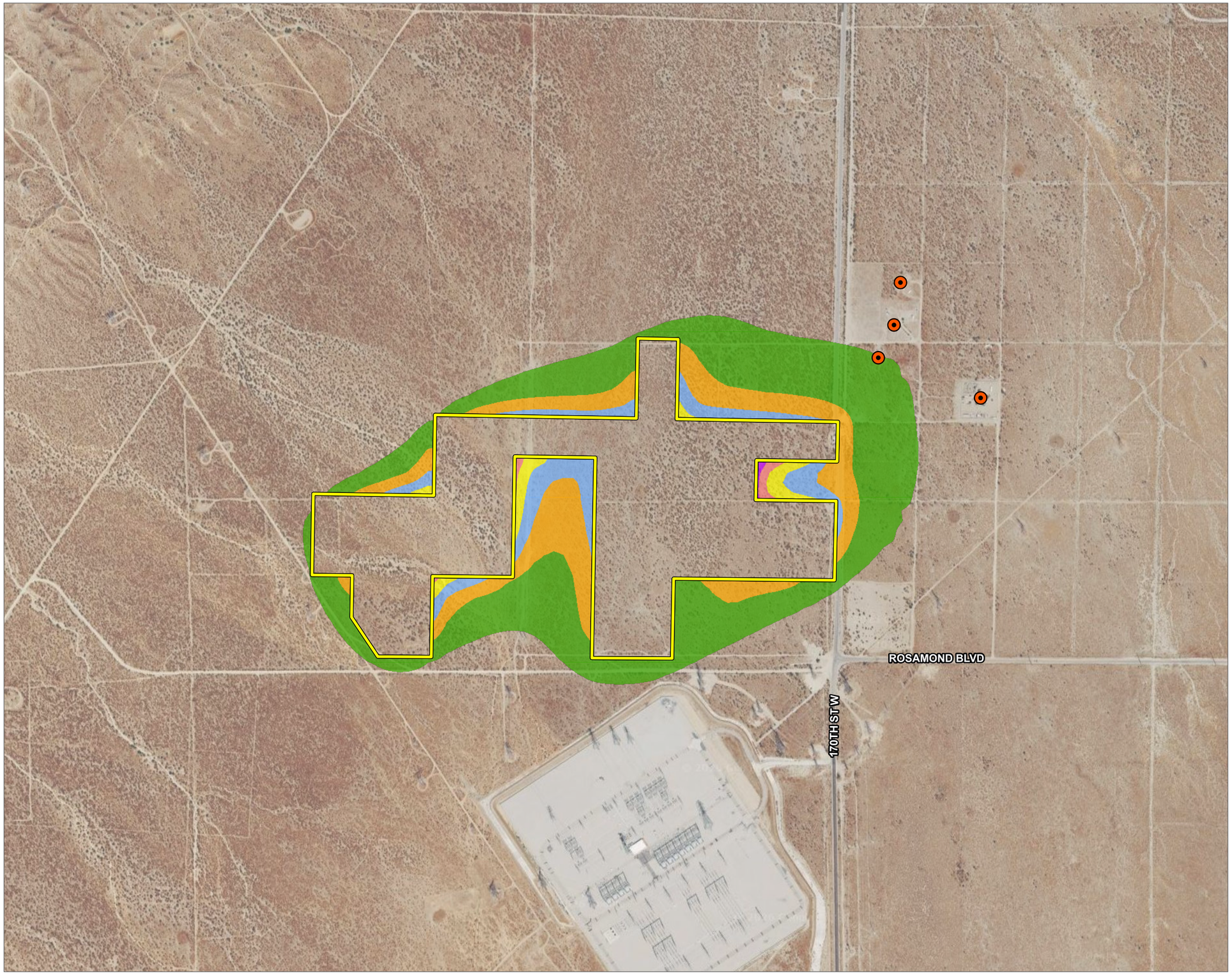
PROJECT:
EUSIMOD PROJECT
KERN COUNTY, CA

TITLE:
POTENTIAL NEARBY RECEPTOR LOCATIONS

DRAWN BY:	A. FARRIS	PROJ. NO.:	552398
CHECKED BY:	S. MOTURI		
APPROVED BY:	A. IDERIS		**FIGURE 1**
DATE:	NOVEMBER 2025		

TRC
6 EXECUTIVE CIRCLE
SUITE 200
IRVINE, CA 92614
PHONE: 949.727.9336

Coordinate System: WGS 1984 Web Mercator Auxiliary Sphere Map Rotation: 0
-- Saved By: AFARRIS on 11/25/2025 16:44:15 PM File Path: T:\1-PROJECTS\Alypa_Power\552398_Eusimod_Whirlwind\2-APRX\552398_Eusimod_HRA aprx Layout Name: Fig1. Potential Receptor Locations



PROJECT SITE
POTENTIAL RECEPTOR LOCATIONS

CANCER RISK (PER MILLION)

- 0.25 - 0.5
- 0.5 - 0.75
- 0.75 - 1
- 1.0 - 1.25
- 1.25 - 1.5
- 1.5 - 1.75

NOTES:
BASE MAP: GOOGLE "SATELLITE" ONLINE SERVICE LAYER
AERIAL DATE: 11/2023
DATA SOURCES: TRC, GOOGLE, ESRI

1:9,600
1" = 800'
0 400 800 FEET



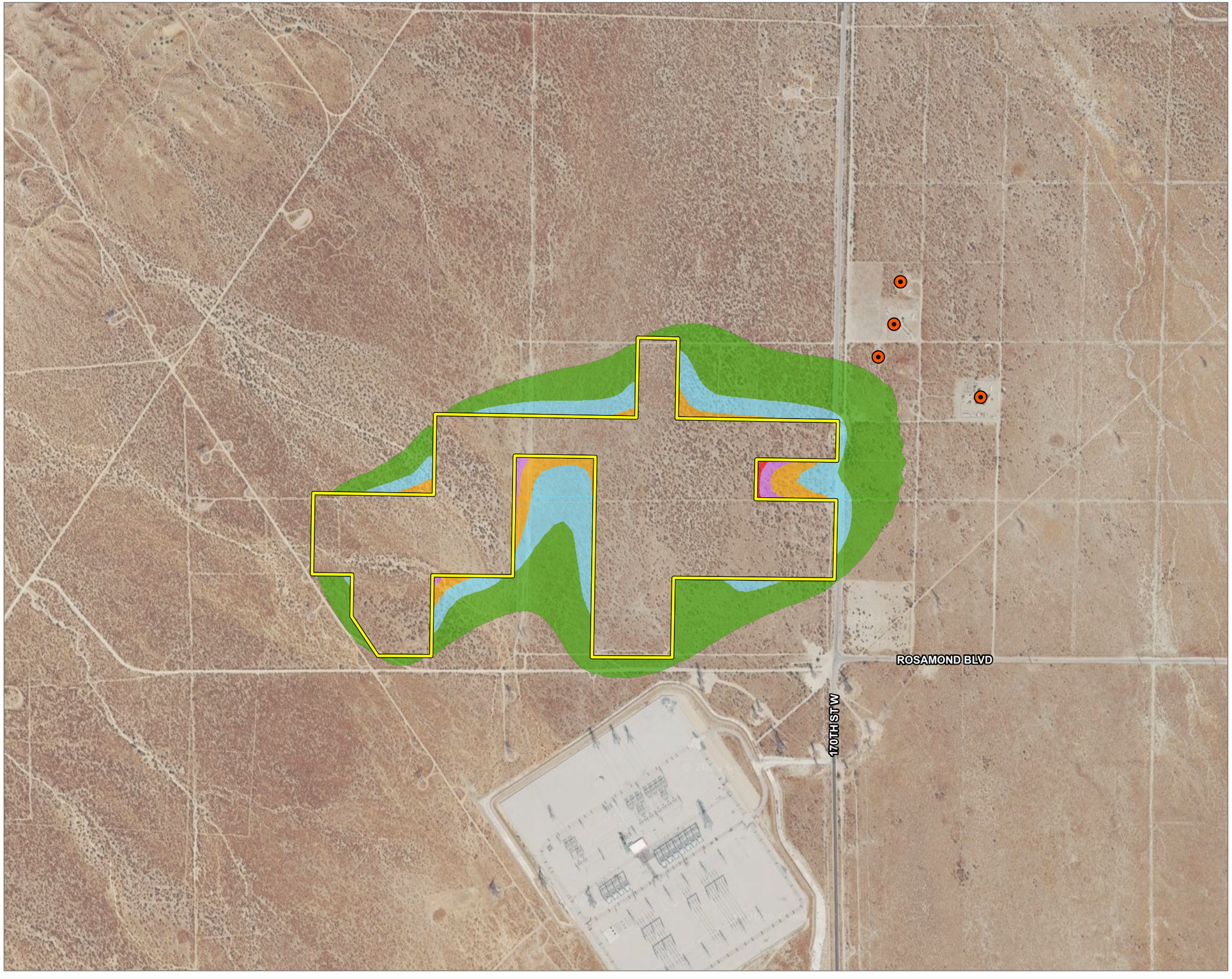
PROJECT:
EUISMOD PROJECT
KERN COUNTY, CA

TITLE:
RESIDENTIAL CANCER RISK
TWO YEAR EXPOSURE PERIOD

DRAWN BY:	A. FARRIS	PROJ. NO.:	552398
CHECKED BY:	S. MOTURI		
APPROVED BY:	A. IDERIS		**FIGURE 2**
DATE:	JUNE 2026		

TRC
6 EXECUTIVE CIRCLE
SUITE 200
IRVINE, CA 92614
PHONE: 949.727.9336

Coordinate System: NAD 1983 StatePlane California V FIPS 0405 Feet; Map Rotation: 0
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PROJECT SITE

POTENTIAL RECEPTOR LOCATIONS

CHRONIC HAZARD INDEX

- 1.001E-03 - 2.000E-03
- 2.001E-03 - 3.000E-03
- 3.001E-03 - 4.000E-03
- 4.001E-03 - 5.000E-03
- 5.001E-03 - 6.000E-03

NOTES:
BASE MAP: GOOGLE "SATELLITE" ONLINE SERVICE LAYER
AERIAL DATE: 11/2023
DATA SOURCES: TRC, GOOGLE, ESRI

1:9,600
1" = 800'
0 400 800 FEET



PROJECT:
EUISMOD PROJECT
KERN COUNTY, CA

TITLE:
RESIDENTIAL CHRONIC HAZARD INDEX

DRAWN BY:	A. FARRIS	PROJ. NO.:	552398
CHECKED BY:	M. GIAMBATTISTA		
APPROVED BY:	A. IDERIS		**FIGURE 3**
DATE:	JUNE 2026		

TRC
6 EXECUTIVE CIRCLE
SUITE 200
IRVINE, CA 92614
PHONE: 949.727.9336

Coordinate System: NAD 1983 StatePlane California V FIPS 0405 Feet. Map Rotation: 0
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Attachment 1: AERMOD Input/Output File

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ME SURFDATA  23114 2012 "EDWARDS AIR FORCE BASE, CA"
ME UAIRDATA  3190 2012
ME PROFBASE 704.4 METERS
ME FINISHED

OU STARTING
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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     229       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

↟ *** AERMOD - VERSION 24142  ***   ***
C:\Users\DWaymire\Documents\AERMOD\Euismod2\Euismod2.isc             ***
06/08/26
 *** AERMET - VERSION  19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
HRA                          ***        18:18:49
```

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT 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 Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: DPM

 **Model Calculates 1 Short Term Average(s) of: 1-HR
     and Calculates PERIOD Averages

 **This Run Includes: 1 Source(s);   1 Source Group(s); and   4944
Receptor(s)

                with: 0 POINT(s), including
                           0 POINTCAP(s) and   0 POINTHOR(s)
                 and: 0 VOLUME source(s)
                 and: 1 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: 19191

```
 **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) =   704.40 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                              ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.5 MB of RAM.

 **Input Runstream File:          C:\Users\aideris\OneDrive -
TRC\Documents\EUSIMOD\New AERMOD Run\Run for HARP2\IT2\EUSIMOD_2012-
 **Output Print File:             C:\Users\aideris\OneDrive -
TRC\Documents\EUSIMOD\New AERMOD Run\Run for HARP2\IT2\EUSIMOD_2012-

 **File for Summary of Results:   C:\Users\aideris\OneDrive -
TRC\Documents\EUSIMOD\New AERMOD Run\Run for HARP2\IT2\EUSIMOD_2012-
 *** AERMOD - VERSION 24142  ***   ***
C:\Users\DWaymire\Documents\AERMOD\Euismod2\Euismod2.isc             ***
06/08/26
 *** AERMET - VERSION  19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
HRA                        ***        18:18:49

                                  PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL
ADJ_U*


                                                *** AREAPOLY SOURCE DATA ***

               NUMBER EMISSION RATE   LOCATION OF AREA  BASE     RELEASE  NUMBER
  INIT.   URBAN  EMISSION RATE    AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC       X        Y      ELEV.    HEIGHT  OF VERTS.
   SZ     SOURCE  SCALAR VARY
     ID         CATS.   /METER**2)   (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

*** SOURCE IDs DEFINING SOURCE GROUPS
***

SRCGROUP ID	SOURCE IDs
ALL	PAREA3 ,

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00

SOURCE ID = PAREA3 ; SOURCE TYPE = AREAPOLY :

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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     ( 367755.0, 3858715.0,     851.2,     851.2,       1.8);         ( 367755.0,
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     ( 367755.0, 3858765.0,     852.0,     852.0,       1.8);         ( 367755.0,
3858790.0,     852.0,     852.0,       1.8);
     ( 367755.0, 3858815.0,     852.5,     852.5,       1.8);         ( 367755.0,
3858840.0,     852.9,     852.9,       1.8);
     ( 367755.0, 3858865.0,     853.3,     853.3,       1.8);         ( 367755.0,
3858890.0,     854.1,     854.1,       1.8);
     ( 367755.0, 3858915.0,     854.8,     854.8,       1.8);         ( 367755.0,
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     ( 367755.0, 3858965.0,     855.4,     855.4,       1.8);         ( 367755.0,
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     ( 367755.0, 3859115.0,     858.6,     858.6,       1.8);         ( 367755.0,
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     ( 367755.0, 3859165.0,     860.6,     860.6,       1.8);         ( 367755.0,
3859190.0,     861.8,     861.8,       1.8);
     ( 367755.0, 3859215.0,     861.8,     861.8,       1.8);         ( 367755.0,
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     ( 367755.0, 3859265.0,     863.4,     863.4,       1.8);         ( 367755.0,
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     ( 367755.0, 3859365.0,     865.8,     865.8,       1.8);         ( 367755.0,
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     ( 367755.0, 3859415.0,     867.4,     867.4,       1.8);         ( 367755.0,
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     ( 367755.0, 3859465.0,     869.1,     869.1,       1.8);         ( 367755.0,
3859490.0,     869.9,     869.9,       1.8);
     ( 367755.0, 3859515.0,     870.8,     870.8,       1.8);         ( 367755.0,
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     ( 367755.0, 3859565.0,     872.4,     872.4,       1.8);         ( 367755.0,
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     ( 367755.0, 3859615.0,     874.0,     874.0,       1.8);         ( 367755.0,
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     ( 367755.0, 3859665.0,     875.8,     875.8,       1.8);         ( 367755.0,
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     ( 367755.0, 3859715.0,     878.4,     878.4,       1.8);         ( 367755.0,
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     ( 367755.0, 3859765.0,     880.4,     880.4,       1.8);         ( 367755.0,
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     ( 367755.0, 3859815.0,     881.8,     881.8,       1.8);         ( 367755.0,
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 *** AERMOD - VERSION 24142  ***   ***
C:\Users\DWaymire\Documents\AERMOD\Euismod2\Euismod2.isc             ***
06/08/26
 *** AERMET - VERSION  19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
HRA                          ***        18:18:49

                                    PAGE  10
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL
ADJ_U*

                                                 *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                           (METERS)

     ( 367755.0, 3859865.0,     884.4,     884.4,       1.8);         ( 367780.0,
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     ( 367780.0, 3858290.0,     845.0,     845.0,       1.8);         ( 367780.0,
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     ( 367780.0, 3858340.0,     845.8,     845.8,       1.8);         ( 367780.0,
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     ( 367780.0, 3858390.0,     846.4,     846.4,       1.8);         ( 367780.0,
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     ( 367780.0, 3858440.0,     847.1,     847.1,       1.8);         ( 367780.0,
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     ( 367780.0, 3858490.0,     848.0,     848.0,       1.8);         ( 367780.0,
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     ( 367780.0, 3858540.0,     849.0,     849.0,       1.8);         ( 367780.0,
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     ( 367780.0, 3858640.0,     850.0,     850.0,       1.8);         ( 367780.0,
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     ( 367780.0, 3858690.0,     850.5,     850.5,       1.8);         ( 367780.0,
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     ( 367780.0, 3858740.0,     851.1,     851.1,       1.8);         ( 367780.0,
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     ( 367780.0, 3858840.0,     852.5,     852.5,       1.8);         ( 367780.0,
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     ( 367780.0, 3858940.0,     854.0,     854.0,       1.8);         ( 367780.0,
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     ( 367780.0, 3859190.0,     861.0,     861.0,       1.8);         ( 367780.0,
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     ( 367780.0, 3859240.0,     861.8,     861.8,       1.8);         ( 367780.0,
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     ( 367780.0, 3859290.0,     863.4,     863.4,       1.8);         ( 367780.0,
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     ( 367780.0, 3859340.0,     865.0,     865.0,       1.8);         ( 367780.0,
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     ( 367780.0, 3859390.0,     865.8,     865.8,       1.8);         ( 367780.0,
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     ( 367780.0, 3859540.0,     870.8,     870.8,       1.8);         ( 367780.0,
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     ( 367780.0, 3859690.0,     876.6,     876.6,       1.8);         ( 367780.0,
3859715.0,     877.6,     877.6,       1.8);
     ( 367780.0, 3859740.0,     878.4,     878.4,       1.8);         ( 367780.0,
3859765.0,     879.3,     879.3,       1.8);
     ( 367780.0, 3859790.0,     880.1,     880.1,       1.8);         ( 367780.0,
3859815.0,     880.9,     880.9,       1.8);
     ( 367780.0, 3859840.0,     881.8,     881.8,       1.8);         ( 367780.0,
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     ( 367805.0, 3858315.0,     845.0,     845.0,       1.8);         ( 367805.0,
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     ( 367805.0, 3858365.0,     845.1,     845.1,       1.8);         ( 367805.0,
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     ( 367805.0, 3858515.0,     847.8,     847.8,       1.8);         ( 367805.0,
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     ( 367805.0, 3858565.0,     848.4,     848.4,       1.8);         ( 367805.0,
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     ( 367805.0, 3858615.0,     849.1,     849.1,       1.8);         ( 367805.0,
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     ( 367805.0, 3858715.0,     850.1,     850.1,       1.8);         ( 367805.0,
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     ( 367805.0, 3858765.0,     851.1,     851.1,       1.8);         ( 367805.0,
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     ( 367805.0, 3858815.0,     851.7,     851.7,       1.8);         ( 367805.0,
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     ( 367805.0, 3858915.0,     853.1,     853.1,       1.8);         ( 367805.0,
3858940.0,     853.1,     853.1,       1.8);
     ( 367805.0, 3858965.0,     853.8,     853.8,       1.8);         ( 367805.0,
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     ( 367805.0, 3859215.0,     860.1,     860.1,       1.8);         ( 367805.0,
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 *** AERMOD - VERSION 24142  ***   ***
C:\Users\DWaymire\Documents\AERMOD\Euismod2\Euismod2.isc             ***
06/08/26
 *** AERMET - VERSION  19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
HRA                          ***        18:18:49

                                    PAGE  11
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL
ADJ_U*

                                              *** DISCRETE CARTESIAN RECEPTORS ***
                                            (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                        (METERS)

     ( 367805.0, 3859265.0,     861.8,     861.8,       1.8);         ( 367805.0,
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     ( 367805.0, 3859315.0,     863.4,     863.4,       1.8);         ( 367805.0,
3859340.0,     864.1,     864.1,       1.8);
     ( 367805.0, 3859365.0,     864.1,     864.1,       1.8);         ( 367805.0,
3859390.0,     864.9,     864.9,       1.8);
     ( 367805.0, 3859415.0,     865.8,     865.8,       1.8);         ( 367805.0,
3859440.0,     866.6,     866.6,       1.8);
     ( 367805.0, 3859465.0,     867.4,     867.4,       1.8);         ( 367805.0,
3859490.0,     868.3,     868.3,       1.8);
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     ( 367805.0, 3859565.0,     870.2,     870.2,       1.8);         ( 367805.0,
3859590.0,     870.7,     870.7,       1.8);
     ( 367805.0, 3859615.0,     871.8,     871.8,       1.8);         ( 367805.0,
3859640.0,     873.3,     873.3,       1.8);
     ( 367805.0, 3859665.0,     874.1,     874.1,       1.8);         ( 367805.0,
3859690.0,     875.1,     875.1,       1.8);
     ( 367805.0, 3859715.0,     876.5,     876.5,       1.8);         ( 367805.0,
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     ( 367805.0, 3859765.0,     878.4,     878.4,       1.8);         ( 367805.0,
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     ( 367805.0, 3859815.0,     880.1,     880.1,       1.8);         ( 367805.0,
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     ( 367805.0, 3859865.0,     882.7,     882.7,       1.8);         ( 367830.0,
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     ( 367830.0, 3858390.0,     845.1,     845.1,       1.8);         ( 367830.0,
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     ( 367830.0, 3858690.0,     849.3,     849.3,       1.8);         ( 367830.0,
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     ( 367830.0, 3858790.0,     850.9,     850.9,       1.8);         ( 367830.0,
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     ( 367830.0, 3858940.0,     853.0,     853.0,       1.8);         ( 367830.0,
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     ( 367830.0, 3859190.0,     859.3,     859.3,       1.8);         ( 367830.0,
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     ( 367830.0, 3859240.0,     860.1,     860.1,       1.8);         ( 367830.0,
3859265.0,     860.9,     860.9,       1.8);
     ( 367830.0, 3859290.0,     861.4,     861.4,       1.8);         ( 367830.0,
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     ( 367830.0, 3859490.0,     867.4,     867.4,       1.8);         ( 367830.0,
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     ( 367830.0, 3859540.0,     868.6,     868.6,       1.8);         ( 367830.0,
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     ( 367830.0, 3859590.0,     870.1,     870.1,       1.8);         ( 367830.0,
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     ( 367830.0, 3859640.0,     872.4,     872.4,       1.8);         ( 367830.0,
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     ( 367830.0, 3859690.0,     874.1,     874.1,       1.8);         ( 367830.0,
3859715.0,     875.6,     875.6,       1.8);
     ( 367830.0, 3859740.0,     876.8,     876.8,       1.8);         ( 367830.0,
3859765.0,     877.6,     877.6,       1.8);
     ( 367830.0, 3859790.0,     878.4,     878.4,       1.8);         ( 367830.0,
3859815.0,     879.3,     879.3,       1.8);
     ( 367830.0, 3859840.0,     880.4,     880.4,       1.8);         ( 367830.0,
3859865.0,     881.3,     881.3,       1.8);
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     ( 367855.0, 3858315.0,     843.5,     843.5,       1.8);         ( 367855.0,
3858340.0,     843.5,     843.5,       1.8);
     ( 367855.0, 3858365.0,     844.1,     844.1,       1.8);         ( 367855.0,
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     ( 367855.0, 3858415.0,     844.8,     844.8,       1.8);         ( 367855.0,
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 *** AERMOD - VERSION 24142  ***   ***
C:\Users\DWaymire\Documents\AERMOD\Euismod2\Euismod2.isc             ***
06/08/26
 *** AERMET - VERSION  19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
HRA                          ***        18:18:49

                                    PAGE  12
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL
ADJ_U*

                                                 *** DISCRETE CARTESIAN RECEPTORS ***
                                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                             (METERS)

     ( 367855.0, 3858465.0,     845.5,     845.5,       1.8);         ( 367855.0,
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     ( 367855.0, 3858515.0,     846.5,     846.5,       1.8);         ( 367855.0,
3858540.0,     846.9,     846.9,       1.8);
     ( 367855.0, 3858565.0,     847.5,     847.5,       1.8);         ( 367855.0,
3858590.0,     847.5,     847.5,       1.8);
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     ( 367855.0, 3858665.0,     848.5,     848.5,       1.8);         ( 367855.0,
3858690.0,     848.5,     848.5,       1.8);
     ( 367855.0, 3858715.0,     848.6,     848.6,       1.8);         ( 367855.0,
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     ( 367855.0, 3858765.0,     849.5,     849.5,       1.8);         ( 367855.0,
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     ( 367855.0, 3858815.0,     850.5,     850.5,       1.8);         ( 367855.0,
3858840.0,     850.9,     850.9,       1.8);
     ( 367855.0, 3859190.0,     858.0,     858.0,       1.8);         ( 367855.0,
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06/08/26
 *** AERMET - VERSION  19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
HRA                          ***        18:18:49

                                    PAGE  13
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL
ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

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↑ *** AERMOD - VERSION 24142  ***   ***
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06/08/26
 *** AERMET - VERSION  19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
HRA                          ***        18:18:49

                                    PAGE  14
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL
ADJ_U*

                                              *** DISCRETE CARTESIAN RECEPTORS ***
                                             (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
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(METERS)

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06/08/26
 *** AERMET - VERSION  19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
HRA                          ***        18:18:49

                                    PAGE  15
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL
```

ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(367980.0, 3859440.0, 860.3, 860.3, 1.8); (367980.0, 3859465.0, 860.3, 860.3, 1.8);
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(367980.0, 3859540.0, 863.0, 863.0, 1.8); (367980.0, 3859565.0, 863.9, 863.9, 1.8);
(367980.0, 3859590.0, 864.8, 864.8, 1.8); (367980.0, 3859615.0, 865.6, 865.6, 1.8);
(367980.0, 3859640.0, 866.4, 866.4, 1.8); (367980.0, 3859665.0, 867.3, 867.3, 1.8);
(367980.0, 3859690.0, 868.1, 868.1, 1.8); (367980.0, 3859715.0, 869.1, 869.1, 1.8);
(367980.0, 3859740.0, 870.4, 870.4, 1.8); (367980.0, 3859765.0, 871.6, 871.6, 1.8);
(367980.0, 3859790.0, 872.4, 872.4, 1.8); (367980.0, 3859815.0, 873.3, 873.3, 1.8);
(367980.0, 3859840.0, 873.6, 873.6, 1.8); (367980.0, 3859865.0, 874.3, 874.3, 1.8);
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(368005.0, 3858315.0, 839.4, 839.4, 1.8); (368005.0, 3858340.0, 839.5, 839.5, 1.8);
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(368005.0, 3858665.0, 844.8, 844.8, 1.8); (368005.0, 3858690.0, 845.5, 845.5, 1.8);
(368005.0, 3858715.0, 846.1, 846.1, 1.8); (368005.0, 3858740.0, 846.5, 846.5, 1.8);
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(368005.0, 3859240.0, 854.9, 854.9, 1.8); (368005.0, 3859265.0, 855.6, 855.6, 1.8);
(368005.0, 3859290.0, 856.2, 856.2, 1.8); (368005.0, 3859315.0, 856.8, 856.8, 1.8);

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     ( 368005.0, 3859390.0,     858.5,     858.5,       1.8);         ( 368005.0,
3859415.0,     859.1,     859.1,       1.8);
     ( 368005.0, 3859440.0,     859.5,     859.5,       1.8);         ( 368005.0,
3859465.0,     859.5,     859.5,       1.8);
     ( 368005.0, 3859490.0,     859.6,     859.6,       1.8);         ( 368005.0,
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     ( 368005.0, 3859540.0,     861.7,     861.7,       1.8);         ( 368005.0,
3859565.0,     862.6,     862.6,       1.8);
     ( 368005.0, 3859590.0,     863.4,     863.4,       1.8);         ( 368005.0,
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     ( 368005.0, 3859640.0,     865.5,     865.5,       1.8);         ( 368005.0,
3859665.0,     865.9,     865.9,       1.8);
     ( 368005.0, 3859690.0,     866.8,     866.8,       1.8);         ( 368005.0,
3859715.0,     867.9,     867.9,       1.8);
     ( 368005.0, 3859740.0,     869.2,     869.2,       1.8);         ( 368005.0,
3859765.0,     870.3,     870.3,       1.8);
     ( 368005.0, 3859790.0,     871.1,     871.1,       1.8);         ( 368005.0,
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     ( 368005.0, 3859840.0,     871.9,     871.9,       1.8);         ( 368005.0,
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     ( 368030.0, 3858265.0,     837.6,     837.6,       1.8);         ( 368030.0,
3858290.0,     837.8,     837.8,       1.8);
     ( 368030.0, 3858315.0,     838.6,     838.6,       1.8);         ( 368030.0,
3858340.0,     838.9,     838.9,       1.8);
     ( 368030.0, 3858365.0,     839.4,     839.4,       1.8);         ( 368030.0,
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     ( 368030.0, 3858415.0,     840.6,     840.6,       1.8);         ( 368030.0,
3858440.0,     840.7,     840.7,       1.8);
     ( 368030.0, 3858465.0,     841.0,     841.0,       1.8);         ( 368030.0,
3858490.0,     841.5,     841.5,       1.8);
     ( 368030.0, 3858515.0,     841.6,     841.6,       1.8);         ( 368030.0,
3858540.0,     842.1,     842.1,       1.8);
     ( 368030.0, 3858565.0,     842.6,     842.6,       1.8);         ( 368030.0,
3858590.0,     842.8,     842.8,       1.8);
     ( 368030.0, 3858615.0,     843.6,     843.6,       1.8);         ( 368030.0,
3858640.0,     843.6,     843.6,       1.8);
     ( 368030.0, 3858665.0,     844.3,     844.3,       1.8);         ( 368030.0,
3858690.0,     845.1,     845.1,       1.8);
     ( 368030.0, 3858715.0,     845.6,     845.6,       1.8);         ( 368030.0,
3858740.0,     845.8,     845.8,       1.8);
     ( 368030.0, 3859190.0,     853.7,     853.7,       1.8);         ( 368030.0,
3859215.0,     854.0,     854.0,       1.8);
     ( 368030.0, 3859240.0,     854.5,     854.5,       1.8);         ( 368030.0,
3859265.0,     855.3,     855.3,       1.8);
 *** AERMOD - VERSION 24142  ***   ***
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06/08/26
 *** AERMET - VERSION  19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(368030.0, 3859290.0, 855.8, 855.8, 1.8); (368030.0, 3859315.0, 856.2, 856.2, 1.8);
(368030.0, 3859340.0, 856.8, 856.8, 1.8); (368030.0, 3859365.0, 857.6, 857.6, 1.8);
(368030.0, 3859390.0, 857.6, 857.6, 1.8); (368030.0, 3859415.0, 858.3, 858.3, 1.8);
(368030.0, 3859440.0, 858.6, 858.6, 1.8); (368030.0, 3859465.0, 858.8, 858.8, 1.8);
(368030.0, 3859490.0, 859.1, 859.1, 1.8); (368030.0, 3859515.0, 859.6, 859.6, 1.8);
(368030.0, 3859540.0, 860.4, 860.4, 1.8); (368030.0, 3859565.0, 861.3, 861.3, 1.8);
(368030.0, 3859590.0, 862.1, 862.1, 1.8); (368030.0, 3859615.0, 863.1, 863.1, 1.8);
(368030.0, 3859640.0, 864.3, 864.3, 1.8); (368030.0, 3859665.0, 864.6, 864.6, 1.8);
(368030.0, 3859690.0, 865.4, 865.4, 1.8); (368030.0, 3859715.0, 866.7, 866.7, 1.8);
(368030.0, 3859740.0, 867.8, 867.8, 1.8); (368030.0, 3859765.0, 868.6, 868.6, 1.8);
(368030.0, 3859790.0, 869.4, 869.4, 1.8); (368030.0, 3859815.0, 870.3, 870.3, 1.8);
(368030.0, 3859840.0, 870.6, 870.6, 1.8); (368030.0, 3859865.0, 871.3, 871.3, 1.8);
(368055.0, 3858265.0, 836.8, 836.8, 1.8); (368055.0, 3858290.0, 836.9, 836.9, 1.8);
(368055.0, 3858315.0, 837.8, 837.8, 1.8); (368055.0, 3858340.0, 838.6, 838.6, 1.8);
(368055.0, 3858365.0, 838.9, 838.9, 1.8); (368055.0, 3858390.0, 839.4, 839.4, 1.8);
(368055.0, 3858415.0, 839.9, 839.9, 1.8); (368055.0, 3858440.0, 840.1, 840.1, 1.8);
(368055.0, 3858465.0, 840.8, 840.8, 1.8); (368055.0, 3858490.0, 841.0, 841.0, 1.8);
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(368055.0, 3858565.0, 841.9, 841.9, 1.8); (368055.0, 3858590.0, 842.1, 842.1, 1.8);
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     ( 368055.0, 3858715.0,     844.9,     844.9,       1.8);         ( 368055.0,
3858740.0,     845.1,     845.1,       1.8);
     ( 368055.0, 3858765.0,     846.0,     846.0,       1.8);         ( 368055.0,
3858790.0,     846.6,     846.6,       1.8);
     ( 368055.0, 3858815.0,     846.9,     846.9,       1.8);         ( 368055.0,
3858840.0,     847.0,     847.0,       1.8);
     ( 368055.0, 3858865.0,     847.0,     847.0,       1.8);         ( 368055.0,
3858890.0,     847.1,     847.1,       1.8);
     ( 368055.0, 3858915.0,     847.8,     847.8,       1.8);         ( 368055.0,
3858940.0,     847.8,     847.8,       1.8);
     ( 368055.0, 3859190.0,     853.1,     853.1,       1.8);         ( 368055.0,
3859215.0,     853.8,     853.8,       1.8);
     ( 368055.0, 3859240.0,     854.0,     854.0,       1.8);         ( 368055.0,
3859265.0,     854.6,     854.6,       1.8);
     ( 368055.0, 3859290.0,     855.4,     855.4,       1.8);         ( 368055.0,
3859315.0,     855.8,     855.8,       1.8);
     ( 368055.0, 3859340.0,     855.9,     855.9,       1.8);         ( 368055.0,
3859365.0,     856.8,     856.8,       1.8);
     ( 368055.0, 3859390.0,     857.0,     857.0,       1.8);         ( 368055.0,
3859415.0,     857.5,     857.5,       1.8);
     ( 368055.0, 3859440.0,     857.9,     857.9,       1.8);         ( 368055.0,
3859465.0,     858.2,     858.2,       1.8);
     ( 368055.0, 3859490.0,     858.8,     858.8,       1.8);         ( 368055.0,
3859515.0,     859.0,     859.0,       1.8);
     ( 368055.0, 3859540.0,     859.6,     859.6,       1.8);         ( 368055.0,
3859565.0,     860.4,     860.4,       1.8);
     ( 368055.0, 3859590.0,     861.3,     861.3,       1.8);         ( 368055.0,
3859615.0,     862.1,     862.1,       1.8);
     ( 368055.0, 3859640.0,     862.9,     862.9,       1.8);         ( 368055.0,
3859665.0,     863.8,     863.8,       1.8);
     ( 368055.0, 3859690.0,     864.6,     864.6,       1.8);         ( 368055.0,
3859715.0,     865.4,     865.4,       1.8);
     ( 368055.0, 3859740.0,     866.3,     866.3,       1.8);         ( 368055.0,
3859765.0,     867.1,     867.1,       1.8);
     ( 368055.0, 3859790.0,     867.8,     867.8,       1.8);         ( 368055.0,
3859815.0,     868.8,     868.8,       1.8);
     ( 368055.0, 3859840.0,     869.6,     869.6,       1.8);         ( 368055.0,
3859865.0,     870.4,     870.4,       1.8);
     ( 368080.0, 3858265.0,     836.0,     836.0,       1.8);         ( 368080.0,
3858290.0,     836.1,     836.1,       1.8);
     ( 368080.0, 3858315.0,     836.9,     836.9,       1.8);         ( 368080.0,
3858340.0,     837.8,     837.8,       1.8);
     ( 368080.0, 3858365.0,     838.6,     838.6,       1.8);         ( 368080.0,
3858390.0,     839.0,     839.0,       1.8);
     ( 368080.0, 3858415.0,     839.3,     839.3,       1.8);         ( 368080.0,
3858440.0,     840.0,     840.0,       1.8);
     ( 368080.0, 3858465.0,     840.0,     840.0,       1.8);         ( 368080.0,
3858490.0,     840.8,     840.8,       1.8);
```

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)

     (368080.0, 3858515.0,   841.0,   841.0,   1.8);   (368080.0,
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3858590.0,   842.0,   842.0,   1.8);
     (368080.0, 3858615.0,   842.0,   842.0,   1.8);   (368080.0,
3858640.0,   842.8,   842.8,   1.8);
     (368080.0, 3858665.0,   843.0,   843.0,   1.8);   (368080.0,
3858690.0,   843.5,   843.5,   1.8);
     (368080.0, 3858715.0,   844.3,   844.3,   1.8);   (368080.0,
3858740.0,   845.1,   845.1,   1.8);
     (368080.0, 3858765.0,   845.9,   845.9,   1.8);   (368080.0,
3858790.0,   846.0,   846.0,   1.8);
     (368080.0, 3858815.0,   846.6,   846.6,   1.8);   (368080.0,
3858840.0,   847.0,   847.0,   1.8);
     (368080.0, 3858865.0,   847.0,   847.0,   1.8);   (368080.0,
3858890.0,   847.0,   847.0,   1.8);
     (368080.0, 3858915.0,   847.0,   847.0,   1.8);   (368080.0,
3858940.0,   847.0,   847.0,   1.8);
     (368080.0, 3859390.0,   856.8,   856.8,   1.8);   (368080.0,
3859415.0,   857.0,   857.0,   1.8);
     (368080.0, 3859440.0,   857.5,   857.5,   1.8);   (368080.0,
3859465.0,   858.0,   858.0,   1.8);
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     (368080.0, 3859540.0,   859.0,   859.0,   1.8);   (368080.0,
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     (368080.0, 3859590.0,   860.4,   860.4,   1.8);   (368080.0,
3859615.0,   861.3,   861.3,   1.8);
     (368080.0, 3859640.0,   862.1,   862.1,   1.8);   (368080.0,
3859665.0,   862.9,   862.9,   1.8);
     (368080.0, 3859690.0,   863.8,   863.8,   1.8);   (368080.0,
3859715.0,   864.6,   864.6,   1.8);
     (368080.0, 3859740.0,   865.4,   865.4,   1.8);   (368080.0,
3859765.0,   866.0,   866.0,   1.8);
     (368080.0, 3859790.0,   866.3,   866.3,   1.8);   (368080.0,
3859815.0,   867.9,   867.9,   1.8);

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     ( 368080.0, 3859840.0,     868.8,     868.8,       1.8);         ( 368080.0,
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     ( 368105.0, 3858265.0,     835.4,     835.4,       1.8);         ( 368105.0,
3858290.0,     836.0,     836.0,       1.8);
     ( 368105.0, 3858315.0,     836.1,     836.1,       1.8);         ( 368105.0,
3858340.0,     836.9,     836.9,       1.8);
     ( 368105.0, 3858365.0,     837.8,     837.8,       1.8);         ( 368105.0,
3858390.0,     838.5,     838.5,       1.8);
     ( 368105.0, 3858415.0,     839.0,     839.0,       1.8);         ( 368105.0,
3858440.0,     839.3,     839.3,       1.8);
     ( 368105.0, 3858465.0,     840.0,     840.0,       1.8);         ( 368105.0,
3858490.0,     840.1,     840.1,       1.8);
     ( 368105.0, 3858515.0,     840.7,     840.7,       1.8);         ( 368105.0,
3858540.0,     841.0,     841.0,       1.8);
     ( 368105.0, 3858565.0,     841.0,     841.0,       1.8);         ( 368105.0,
3858590.0,     841.3,     841.3,       1.8);
     ( 368105.0, 3858615.0,     842.0,     842.0,       1.8);         ( 368105.0,
3858640.0,     842.1,     842.1,       1.8);
     ( 368105.0, 3858665.0,     842.7,     842.7,       1.8);         ( 368105.0,
3858690.0,     843.1,     843.1,       1.8);
     ( 368105.0, 3858715.0,     843.4,     843.4,       1.8);         ( 368105.0,
3858740.0,     844.3,     844.3,       1.8);
     ( 368105.0, 3858765.0,     845.1,     845.1,       1.8);         ( 368105.0,
3858790.0,     845.8,     845.8,       1.8);
     ( 368105.0, 3858815.0,     846.1,     846.1,       1.8);         ( 368105.0,
3858840.0,     846.1,     846.1,       1.8);
     ( 368105.0, 3858865.0,     846.1,     846.1,       1.8);         ( 368105.0,
3858890.0,     846.1,     846.1,       1.8);
     ( 368105.0, 3858915.0,     846.1,     846.1,       1.8);         ( 368105.0,
3858940.0,     846.8,     846.8,       1.8);
     ( 368105.0, 3859390.0,     855.9,     855.9,       1.8);         ( 368105.0,
3859415.0,     856.7,     856.7,       1.8);
     ( 368105.0, 3859440.0,     857.1,     857.1,       1.8);         ( 368105.0,
3859465.0,     857.4,     857.4,       1.8);
     ( 368105.0, 3859490.0,     858.0,     858.0,       1.8);         ( 368105.0,
3859515.0,     858.1,     858.1,       1.8);
     ( 368105.0, 3859540.0,     858.8,     858.8,       1.8);         ( 368105.0,
3859565.0,     859.1,     859.1,       1.8);
     ( 368105.0, 3859590.0,     859.6,     859.6,       1.8);         ( 368105.0,
3859615.0,     860.4,     860.4,       1.8);
     ( 368105.0, 3859640.0,     861.3,     861.3,       1.8);         ( 368105.0,
3859665.0,     862.1,     862.1,       1.8);
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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 *** AERMOD - VERSION 24142  ***   ***
C:\Users\DWaymire\Documents\AERMOD\Euismod2\Euismod2.isc             ***
06/08/26
 *** AERMET - VERSION  19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
HRA                          ***        18:18:49

                                    PAGE  20
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL
ADJ_U*

                                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                                 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                              (METERS)

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     ( 368280.0, 3858415.0,     836.3,     836.3,       1.8);         ( 368280.0,
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     ( 368280.0, 3858515.0,     838.6,     838.6,       1.8);         ( 368280.0,
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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(368330.0, 3859415.0, 853.2, 853.2, 1.8); (368330.0, 3859440.0, 853.7, 853.7, 1.8);
(368330.0, 3859465.0, 854.3, 854.3, 1.8); (368330.0, 3859490.0, 855.1, 855.1, 1.8);
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     ( 368330.0, 3859715.0,     860.4,     860.4,       1.8);         ( 368330.0,
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     ( 368330.0, 3859765.0,     861.3,     861.3,       1.8);         ( 368330.0,
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     ( 368330.0, 3859865.0,     862.5,     862.5,       1.8);         ( 368355.0,
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     ( 368355.0, 3858390.0,     835.9,     835.9,       1.8);         ( 368355.0,
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     ( 368355.0, 3858640.0,     840.0,     840.0,       1.8);         ( 368355.0,
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     ( 368355.0, 3859640.0,     858.8,     858.8,       1.8);         ( 368355.0,
3859665.0,     858.8,     858.8,       1.8);
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     ( 368355.0, 3859740.0,     860.2,     860.2,       1.8);         ( 368355.0,
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     ( 368380.0, 3858265.0,     834.0,     834.0,       1.8);         ( 368380.0,
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C:\Users\DWaymire\Documents\AERMOD\Euismod2\Euismod2.isc             ***
06/08/26
 *** AERMET - VERSION  19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
HRA                          ***        18:18:49

                                    PAGE  24
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL
ADJ_U*

                                              *** DISCRETE CARTESIAN RECEPTORS ***
                                            (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                        (METERS)

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     ( 368380.0, 3859165.0,     849.3,     849.3,       1.8);         ( 368380.0,
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     ( 368380.0, 3859215.0,     850.0,     850.0,       1.8);         ( 368380.0,
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     ( 368380.0, 3859615.0,     858.0,     858.0,       1.8);         ( 368380.0,
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3859740.0,     859.0,     859.0,       1.8);
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     ( 368405.0, 3858290.0,     834.1,     834.1,       1.8);         ( 368405.0,
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     ( 368405.0, 3858540.0,     838.5,     838.5,       1.8);         ( 368405.0,
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     ( 368405.0, 3858640.0,     840.0,     840.0,       1.8);         ( 368405.0,
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     ( 368405.0, 3858690.0,     841.0,     841.0,       1.8);         ( 368405.0,
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     ( 368405.0, 3858740.0,     842.0,     842.0,       1.8);         ( 368405.0,
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     ( 368405.0, 3858790.0,     842.8,     842.8,       1.8);         ( 368405.0,
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     ( 368405.0, 3858990.0,     846.5,     846.5,       1.8);         ( 368405.0,
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL
ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)

     ( 368405.0, 3859140.0,     849.0,     849.0,       1.8);         ( 368405.0,
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     ( 368405.0, 3859390.0,     853.7,     853.7,       1.8);         ( 368405.0,
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     ( 368405.0, 3859440.0,     854.0,     854.0,       1.8);         ( 368405.0,
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     ( 368430.0, 3859215.0,     850.7,     850.7,       1.8);         ( 368430.0,
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     ( 368430.0, 3859415.0,     854.0,     854.0,       1.8);         ( 368430.0,
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     ( 368430.0, 3859715.0,     858.6,     858.6,       1.8);         ( 368430.0,
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     ( 368430.0, 3859765.0,     859.0,     859.0,       1.8);         ( 368430.0,
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     ( 368430.0, 3859815.0,     860.0,     860.0,       1.8);         ( 368430.0,
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 *** AERMOD - VERSION 24142  ***   ***
C:\Users\DWaymire\Documents\AERMOD\Euismod2\Euismod2.isc             ***
06/08/26
 *** AERMET - VERSION  19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
HRA                          ***        18:18:49

                                    PAGE  26
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL
ADJ_U*

                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                      (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                   (METERS)
```

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     ( 368455.0, 3858440.0,     836.6,     836.6,       1.8);         ( 368455.0,
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     ( 368455.0, 3858490.0,     837.8,     837.8,       1.8);         ( 368455.0,
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     ( 368455.0, 3858540.0,     838.5,     838.5,       1.8);         ( 368455.0,
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     ( 368455.0, 3858590.0,     839.1,     839.1,       1.8);         ( 368455.0,
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     ( 368455.0, 3858740.0,     841.5,     841.5,       1.8);         ( 368455.0,
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     ( 368455.0, 3859165.0,     850.0,     850.0,       1.8);         ( 368455.0,
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     ( 368455.0, 3859615.0,     857.3,     857.3,       1.8);         ( 368455.0,
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     ( 368480.0, 3858540.0,     838.5,     838.5,       1.8);         ( 368480.0,
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3858665.0,     840.6,     840.6,       1.8);
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     ( 368480.0, 3858740.0,     841.1,     841.1,       1.8);         ( 368480.0,
3859365.0,     853.6,     853.6,       1.8);
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3859415.0,     854.0,     854.0,       1.8);
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C:\Users\DWaymire\Documents\AERMOD\Euismod2\Euismod2.isc             ***
06/08/26
 *** AERMET - VERSION  19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
HRA                          ***        18:18:49

                                    PAGE  27
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL
ADJ_U*
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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(368505.0, 3859765.0, 859.1, 859.1, 1.8); (368505.0, 3859790.0, 859.3, 859.3, 1.8);
(368505.0, 3859815.0, 860.0, 860.0, 1.8); (368505.0, 3859840.0, 860.8, 860.8, 1.8);

```
     ( 368505.0, 3859865.0,     861.6,     861.6,       1.8);         ( 368530.0,
3858265.0,     834.0,     834.0,       1.8);
     ( 368530.0, 3858290.0,     834.1,     834.1,       1.8);         ( 368530.0,
3858315.0,     834.9,     834.9,       1.8);
     ( 368530.0, 3858340.0,     835.8,     835.8,       1.8);         ( 368530.0,
3858365.0,     836.0,     836.0,       1.8);
     ( 368530.0, 3858390.0,     836.0,     836.0,       1.8);         ( 368530.0,
3858415.0,     836.3,     836.3,       1.8);
     ( 368530.0, 3858440.0,     837.0,     837.0,       1.8);         ( 368530.0,
3858465.0,     837.0,     837.0,       1.8);
     ( 368530.0, 3858490.0,     837.0,     837.0,       1.8);         ( 368530.0,
3858515.0,     837.6,     837.6,       1.8);
     ( 368530.0, 3858540.0,     838.5,     838.5,       1.8);         ( 368530.0,
3858565.0,     839.0,     839.0,       1.8);
     ( 368530.0, 3858590.0,     839.1,     839.1,       1.8);         ( 368530.0,
3858615.0,     840.0,     840.0,       1.8);
     ( 368530.0, 3858640.0,     840.0,     840.0,       1.8);         ( 368530.0,
3858665.0,     840.0,     840.0,       1.8);
     ( 368530.0, 3858690.0,     840.5,     840.5,       1.8);         ( 368530.0,
3858715.0,     841.0,     841.0,       1.8);
     ( 368530.0, 3858740.0,     841.1,     841.1,       1.8);         ( 368530.0,
3859365.0,     853.0,     853.0,       1.8);
     ( 368530.0, 3859390.0,     853.0,     853.0,       1.8);         ( 368530.0,
3859415.0,     853.6,     853.6,       1.8);
     ( 368530.0, 3859440.0,     854.5,     854.5,       1.8);         ( 368530.0,
3859465.0,     855.0,     855.0,       1.8);
     ( 368530.0, 3859490.0,     855.2,     855.2,       1.8);         ( 368530.0,
3859515.0,     856.0,     856.0,       1.8);
     ( 368530.0, 3859540.0,     856.0,     856.0,       1.8);         ( 368530.0,
3859565.0,     856.0,     856.0,       1.8);
     ( 368530.0, 3859590.0,     856.5,     856.5,       1.8);         ( 368530.0,
3859615.0,     857.0,     857.0,       1.8);
     ( 368530.0, 3859640.0,     857.1,     857.1,       1.8);         ( 368530.0,
3859665.0,     858.0,     858.0,       1.8);
     ( 368530.0, 3859690.0,     858.0,     858.0,       1.8);         ( 368530.0,
3859715.0,     858.6,     858.6,       1.8);
     ( 368530.0, 3859740.0,     859.0,     859.0,       1.8);         ( 368530.0,
3859765.0,     859.3,     859.3,       1.8);
     ( 368530.0, 3859790.0,     860.0,     860.0,       1.8);         ( 368530.0,
3859815.0,     860.0,     860.0,       1.8);
     ( 368530.0, 3859840.0,     860.8,     860.8,       1.8);         ( 368530.0,
3859865.0,     861.6,     861.6,       1.8);
     ( 368555.0, 3858265.0,     834.0,     834.0,       1.8);         ( 368555.0,
3858290.0,     834.0,     834.0,       1.8);
 *** AERMOD - VERSION 24142  ***   ***
C:\Users\DWaymire\Documents\AERMOD\Euismod2\Euismod2.isc             ***
06/08/26
 *** AERMET - VERSION  19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
HRA                          ***        18:18:49
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(368555.0, 3858315.0, 834.1, 834.1, 1.8); (368555.0, 3858340.0, 834.9, 834.9, 1.8);
(368555.0, 3858365.0, 835.7, 835.7, 1.8); (368555.0, 3858390.0, 836.0, 836.0, 1.8);
(368555.0, 3858415.0, 836.0, 836.0, 1.8); (368555.0, 3858440.0, 836.3, 836.3, 1.8);
(368555.0, 3858465.0, 837.0, 837.0, 1.8); (368555.0, 3858490.0, 837.0, 837.0, 1.8);
(368555.0, 3858515.0, 837.6, 837.6, 1.8); (368555.0, 3858540.0, 838.5, 838.5, 1.8);
(368555.0, 3858565.0, 839.0, 839.0, 1.8); (368555.0, 3858590.0, 839.1, 839.1, 1.8);
(368555.0, 3858615.0, 840.0, 840.0, 1.8); (368555.0, 3858640.0, 840.0, 840.0, 1.8);
(368555.0, 3858665.0, 840.0, 840.0, 1.8); (368555.0, 3858690.0, 840.5, 840.5, 1.8);
(368555.0, 3858715.0, 841.0, 841.0, 1.8); (368555.0, 3858740.0, 841.1, 841.1, 1.8);
(368555.0, 3859365.0, 853.0, 853.0, 1.8); (368555.0, 3859390.0, 853.7, 853.7, 1.8);
(368555.0, 3859415.0, 853.9, 853.9, 1.8); (368555.0, 3859440.0, 854.5, 854.5, 1.8);
(368555.0, 3859465.0, 855.3, 855.3, 1.8); (368555.0, 3859490.0, 855.9, 855.9, 1.8);
(368555.0, 3859515.0, 856.0, 856.0, 1.8); (368555.0, 3859540.0, 856.0, 856.0, 1.8);
(368555.0, 3859565.0, 856.5, 856.5, 1.8); (368555.0, 3859590.0, 856.9, 856.9, 1.8);
(368555.0, 3859615.0, 857.0, 857.0, 1.8); (368555.0, 3859640.0, 857.1, 857.1, 1.8);
(368555.0, 3859665.0, 858.0, 858.0, 1.8); (368555.0, 3859690.0, 858.7, 858.7, 1.8);
(368555.0, 3859715.0, 858.9, 858.9, 1.8); (368555.0, 3859740.0, 859.0, 859.0, 1.8);
(368555.0, 3859765.0, 859.3, 859.3, 1.8); (368555.0, 3859790.0, 860.1, 860.1, 1.8);
(368555.0, 3859815.0, 860.8, 860.8, 1.8); (368555.0, 3859840.0, 861.0, 861.0, 1.8);
(368555.0, 3859865.0, 861.6, 861.6, 1.8); (368580.0, 3858265.0, 834.0, 834.0, 1.8);
(368580.0, 3858290.0, 834.0, 834.0, 1.8); (368580.0, 3858315.0, 834.0, 834.0, 1.8);

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     ( 368580.0, 3858340.0,     834.8,     834.8,       1.8);         ( 368580.0,
3858365.0,     835.2,     835.2,       1.8);
     ( 368580.0, 3858390.0,     835.6,     835.6,       1.8);         ( 368580.0,
3858415.0,     836.0,     836.0,       1.8);
     ( 368580.0, 3858440.0,     836.1,     836.1,       1.8);         ( 368580.0,
3858465.0,     837.0,     837.0,       1.8);
     ( 368580.0, 3858490.0,     837.6,     837.6,       1.8);         ( 368580.0,
3858515.0,     837.9,     837.9,       1.8);
     ( 368580.0, 3858540.0,     838.5,     838.5,       1.8);         ( 368580.0,
3858565.0,     839.0,     839.0,       1.8);
     ( 368580.0, 3858590.0,     839.1,     839.1,       1.8);         ( 368580.0,
3858615.0,     840.0,     840.0,       1.8);
     ( 368580.0, 3858640.0,     840.0,     840.0,       1.8);         ( 368580.0,
3858665.0,     840.0,     840.0,       1.8);
     ( 368580.0, 3858690.0,     840.5,     840.5,       1.8);         ( 368580.0,
3858715.0,     841.0,     841.0,       1.8);
     ( 368580.0, 3858740.0,     841.1,     841.1,       1.8);         ( 368580.0,
3859490.0,     856.0,     856.0,       1.8);
     ( 368580.0, 3859515.0,     856.0,     856.0,       1.8);         ( 368580.0,
3859540.0,     856.0,     856.0,       1.8);
     ( 368580.0, 3859565.0,     856.6,     856.6,       1.8);         ( 368580.0,
3859590.0,     857.0,     857.0,       1.8);
     ( 368580.0, 3859615.0,     857.2,     857.2,       1.8);         ( 368580.0,
3859640.0,     857.7,     857.7,       1.8);
     ( 368580.0, 3859665.0,     858.0,     858.0,       1.8);         ( 368580.0,
3859690.0,     858.8,     858.8,       1.8);
     ( 368580.0, 3859715.0,     859.0,     859.0,       1.8);         ( 368580.0,
3859740.0,     859.3,     859.3,       1.8);
     ( 368580.0, 3859765.0,     859.8,     859.8,       1.8);         ( 368580.0,
3859790.0,     860.1,     860.1,       1.8);
     ( 368580.0, 3859815.0,     861.0,     861.0,       1.8);         ( 368580.0,
3859840.0,     861.6,     861.6,       1.8);
     ( 368580.0, 3859865.0,     861.9,     861.9,       1.8);         ( 368605.0,
3858265.0,     834.0,     834.0,       1.8);
     ( 368605.0, 3858290.0,     834.0,     834.0,       1.8);         ( 368605.0,
3858315.0,     834.0,     834.0,       1.8);
     ( 368605.0, 3858340.0,     834.8,     834.8,       1.8);         ( 368605.0,
3858365.0,     835.0,     835.0,       1.8);
     ( 368605.0, 3858390.0,     835.2,     835.2,       1.8);         ( 368605.0,
3858415.0,     835.6,     835.6,       1.8);
     ( 368605.0, 3858440.0,     836.1,     836.1,       1.8);         ( 368605.0,
3858465.0,     837.0,     837.0,       1.8);
     ( 368605.0, 3858490.0,     837.4,     837.4,       1.8);         ( 368605.0,
3858515.0,     837.8,     837.8,       1.8);
     ( 368605.0, 3858540.0,     838.2,     838.2,       1.8);         ( 368605.0,
3858565.0,     838.6,     838.6,       1.8);
     ( 368605.0, 3858590.0,     839.1,     839.1,       1.8);         ( 368605.0,
3858615.0,     839.5,     839.5,       1.8);
 *** AERMOD - VERSION 24142  ***   ***
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```

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (368605.0, 3858640.0,   839.9,   839.9,   1.8);   (368605.0,
3858665.0,   840.0,   840.0,   1.8);
     (368605.0, 3858690.0,   840.5,   840.5,   1.8);   (368605.0,
3858715.0,   841.0,   841.0,   1.8);
     (368605.0, 3858740.0,   841.1,   841.1,   1.8);   (368605.0,
3859565.0,   856.8,   856.8,   1.8);
     (368605.0, 3859590.0,   857.2,   857.2,   1.8);   (368605.0,
3859615.0,   857.7,   857.7,   1.8);
     (368605.0, 3859640.0,   858.0,   858.0,   1.8);   (368605.0,
3859665.0,   858.0,   858.0,   1.8);
     (368605.0, 3859690.0,   858.8,   858.8,   1.8);   (368605.0,
3859715.0,   859.0,   859.0,   1.8);
     (368605.0, 3859740.0,   859.5,   859.5,   1.8);   (368605.0,
3859765.0,   860.0,   860.0,   1.8);
     (368605.0, 3859790.0,   860.1,   860.1,   1.8);   (368605.0,
3859815.0,   861.0,   861.0,   1.8);
     (368605.0, 3859840.0,   861.8,   861.8,   1.8);   (368605.0,
3859865.0,   862.0,   862.0,   1.8);
     (368630.0, 3858265.0,   834.0,   834.0,   1.8);   (368630.0,
3858290.0,   834.0,   834.0,   1.8);
     (368630.0, 3858315.0,   834.0,   834.0,   1.8);   (368630.0,
3858340.0,   834.8,   834.8,   1.8);
     (368630.0, 3858365.0,   835.0,   835.0,   1.8);   (368630.0,
3858390.0,   835.0,   835.0,   1.8);
     (368630.0, 3858415.0,   835.3,   835.3,   1.8);   (368630.0,
3858440.0,   836.1,   836.1,   1.8);
     (368630.0, 3858465.0,   837.0,   837.0,   1.8);   (368630.0,
3858490.0,   837.0,   837.0,   1.8);
     (368630.0, 3858515.0,   837.6,   837.6,   1.8);   (368630.0,
3858540.0,   838.2,   838.2,   1.8);
     (368630.0, 3858565.0,   838.6,   838.6,   1.8);   (368630.0,
3858590.0,   839.0,   839.0,   1.8);
     (368630.0, 3858615.0,   839.0,   839.0,   1.8);   (368630.0,
3858640.0,   839.8,   839.8,   1.8);
     (368630.0, 3858665.0,   840.2,   840.2,   1.8);   (368630.0,
3858690.0,   840.7,   840.7,   1.8);
     (368630.0, 3858715.0,   841.0,   841.0,   1.8);   (368630.0,
3858740.0,   841.1,   841.1,   1.8);

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     ( 368630.0, 3859565.0,     857.0,     857.0,       1.8);         ( 368630.0,
3859590.0,     857.5,     857.5,       1.8);
     ( 368630.0, 3859615.0,     858.0,     858.0,       1.8);         ( 368630.0,
3859640.0,     858.0,     858.0,       1.8);
     ( 368630.0, 3859665.0,     858.3,     858.3,       1.8);         ( 368630.0,
3859690.0,     858.9,     858.9,       1.8);
     ( 368630.0, 3859715.0,     859.2,     859.2,       1.8);         ( 368630.0,
3859740.0,     859.7,     859.7,       1.8);
     ( 368630.0, 3859765.0,     860.1,     860.1,       1.8);         ( 368630.0,
3859790.0,     860.5,     860.5,       1.8);
     ( 368630.0, 3859815.0,     861.3,     861.3,       1.8);         ( 368630.0,
3859840.0,     861.9,     861.9,       1.8);
     ( 368630.0, 3859865.0,     862.0,     862.0,       1.8);         ( 368655.0,
3858265.0,     834.0,     834.0,       1.8);
     ( 368655.0, 3858290.0,     834.0,     834.0,       1.8);         ( 368655.0,
3858315.0,     834.0,     834.0,       1.8);
     ( 368655.0, 3858340.0,     834.8,     834.8,       1.8);         ( 368655.0,
3858365.0,     835.0,     835.0,       1.8);
     ( 368655.0, 3858390.0,     835.0,     835.0,       1.8);         ( 368655.0,
3858415.0,     835.3,     835.3,       1.8);
     ( 368655.0, 3858440.0,     836.1,     836.1,       1.8);         ( 368655.0,
3858465.0,     837.0,     837.0,       1.8);
     ( 368655.0, 3858490.0,     837.0,     837.0,       1.8);         ( 368655.0,
3858515.0,     837.6,     837.6,       1.8);
     ( 368655.0, 3858540.0,     838.5,     838.5,       1.8);         ( 368655.0,
3858565.0,     839.0,     839.0,       1.8);
     ( 368655.0, 3858590.0,     839.0,     839.0,       1.8);         ( 368655.0,
3858615.0,     839.2,     839.2,       1.8);
     ( 368655.0, 3858640.0,     839.8,     839.8,       1.8);         ( 368655.0,
3858665.0,     840.6,     840.6,       1.8);
     ( 368655.0, 3858690.0,     841.0,     841.0,       1.8);         ( 368655.0,
3858715.0,     841.1,     841.1,       1.8);
     ( 368655.0, 3858740.0,     841.3,     841.3,       1.8);         ( 368655.0,
3859565.0,     857.0,     857.0,       1.8);
     ( 368655.0, 3859590.0,     857.5,     857.5,       1.8);         ( 368655.0,
3859615.0,     858.0,     858.0,       1.8);
     ( 368655.0, 3859640.0,     858.1,     858.1,       1.8);         ( 368655.0,
3859665.0,     859.0,     859.0,       1.8);
     ( 368655.0, 3859690.0,     859.0,     859.0,       1.8);         ( 368655.0,
3859715.0,     859.6,     859.6,       1.8);
     ( 368655.0, 3859740.0,     860.0,     860.0,       1.8);         ( 368655.0,
3859765.0,     860.3,     860.3,       1.8);
     ( 368655.0, 3859790.0,     861.1,     861.1,       1.8);         ( 368655.0,
3859815.0,     862.0,     862.0,       1.8);
     ( 368655.0, 3859840.0,     862.0,     862.0,       1.8);         ( 368655.0,
3859865.0,     862.1,     862.1,       1.8);
     ( 368680.0, 3858265.0,     834.0,     834.0,       1.8);         ( 368680.0,
3858290.0,     834.0,     834.0,       1.8);
     ( 368680.0, 3858315.0,     834.0,     834.0,       1.8);         ( 368680.0,
3858340.0,     834.8,     834.8,       1.8);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(368680.0, 3858415.0, 835.3, 835.3, 1.8); (368680.0, 3858440.0, 836.1, 836.1, 1.8);
(368680.0, 3858465.0, 837.0, 837.0, 1.8); (368680.0, 3858490.0, 837.0, 837.0, 1.8);
(368680.0, 3858515.0, 837.6, 837.6, 1.8); (368680.0, 3858540.0, 838.5, 838.5, 1.8);
(368680.0, 3858565.0, 839.0, 839.0, 1.8); (368680.0, 3858590.0, 839.1, 839.1, 1.8);
(368680.0, 3858615.0, 840.0, 840.0, 1.8); (368680.0, 3858640.0, 840.0, 840.0, 1.8);
(368680.0, 3858665.0, 840.6, 840.6, 1.8); (368680.0, 3858690.0, 841.0, 841.0, 1.8);
(368680.0, 3858715.0, 841.3, 841.3, 1.8); (368680.0, 3858740.0, 842.0, 842.0, 1.8);
(368680.0, 3858765.0, 842.0, 842.0, 1.8); (368680.0, 3859365.0, 854.0, 854.0, 1.8);
(368680.0, 3859390.0, 854.0, 854.0, 1.8); (368680.0, 3859565.0, 857.0, 857.0, 1.8);
(368680.0, 3859590.0, 857.5, 857.5, 1.8); (368680.0, 3859615.0, 858.0, 858.0, 1.8);
(368680.0, 3859640.0, 858.2, 858.2, 1.8); (368680.0, 3859665.0, 859.0, 859.0, 1.8);
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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C:\Users\DWaymire\Documents\AERMOD\Euismod2\Euismod2.isc             ***
06/08/26
 *** AERMET - VERSION  19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
HRA                          ***        18:18:49

                                    PAGE  35
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL
ADJ_U*

                                                 *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                           (METERS)

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 *** AERMOD - VERSION 24142  ***   ***
C:\Users\DWaymire\Documents\AERMOD\Euismod2\Euismod2.isc             ***
06/08/26
 *** AERMET - VERSION  19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
HRA                          ***        18:18:49

                                    PAGE  36
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL
ADJ_U*

                                              *** DISCRETE CARTESIAN RECEPTORS ***
                                            (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                        (METERS)

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     ( 368955.0, 3859390.0,     853.8,     853.8,       1.8);         ( 368955.0,
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     ( 368980.0, 3859140.0,     848.5,     848.5,       1.8);         ( 368980.0,
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     ( 368980.0, 3859190.0,     849.1,     849.1,       1.8);         ( 368980.0,
3859215.0,     850.0,     850.0,       1.8);
     ( 368980.0, 3859340.0,     853.0,     853.0,       1.8);         ( 368980.0,
3859365.0,     853.0,     853.0,       1.8);
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     ( 368980.0, 3859390.0,     853.8,     853.8,       1.8);         ( 368980.0,
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     ( 368980.0, 3859440.0,     854.5,     854.5,       1.8);         ( 368980.0,
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     ( 368980.0, 3859490.0,     856.0,     856.0,       1.8);         ( 368980.0,
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     ( 368980.0, 3859540.0,     856.8,     856.8,       1.8);         ( 368980.0,
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     ( 368980.0, 3859590.0,     857.5,     857.5,       1.8);         ( 368980.0,
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     ( 368980.0, 3859640.0,     858.1,     858.1,       1.8);         ( 368980.0,
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     ( 368980.0, 3859690.0,     859.0,     859.0,       1.8);         ( 368980.0,
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     ( 368980.0, 3859740.0,     860.5,     860.5,       1.8);         ( 368980.0,
3859765.0,     861.0,     861.0,       1.8);
     ( 368980.0, 3859790.0,     861.1,     861.1,       1.8);         ( 368980.0,
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     ( 368980.0, 3859840.0,     862.0,     862.0,       1.8);         ( 368980.0,
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     ( 369005.0, 3858265.0,     834.0,     834.0,       1.8);         ( 369005.0,
3858290.0,     834.1,     834.1,       1.8);
     ( 369005.0, 3858315.0,     835.0,     835.0,       1.8);         ( 369005.0,
3858340.0,     835.0,     835.0,       1.8);
     ( 369005.0, 3858365.0,     835.6,     835.6,       1.8);         ( 369005.0,
3858390.0,     836.0,     836.0,       1.8);
     ( 369005.0, 3858415.0,     836.3,     836.3,       1.8);         ( 369005.0,
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     ( 369005.0, 3858465.0,     837.0,     837.0,       1.8);         ( 369005.0,
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 *** AERMOD - VERSION 24142  ***   ***
C:\Users\DWaymire\Documents\AERMOD\Euismod2\Euismod2.isc             ***
06/08/26
 *** AERMET - VERSION  19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
HRA                          ***        18:18:49

                                   PAGE  37
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL
ADJ_U*

                                                 *** DISCRETE CARTESIAN RECEPTORS ***
                                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                             (METERS)

     ( 369005.0, 3858515.0,     838.0,     838.0,       1.8);         ( 369005.0,
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3858590.0,     839.3,     839.3,       1.8);
     ( 369005.0, 3858615.0,     840.0,     840.0,       1.8);         ( 369005.0,
3858640.0,     840.7,     840.7,       1.8);
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     ( 369005.0, 3858715.0,     841.4,     841.4,       1.8);         ( 369005.0,
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     ( 369005.0, 3858765.0,     842.0,     842.0,       1.8);         ( 369005.0,
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     ( 369005.0, 3858815.0,     843.0,     843.0,       1.8);         ( 369005.0,
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     ( 369005.0, 3858865.0,     844.0,     844.0,       1.8);         ( 369005.0,
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     ( 369005.0, 3858915.0,     845.0,     845.0,       1.8);         ( 369005.0,
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     ( 369005.0, 3859140.0,     848.5,     848.5,       1.8);         ( 369005.0,
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     ( 369005.0, 3859190.0,     849.1,     849.1,       1.8);         ( 369005.0,
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     ( 369005.0, 3859340.0,     853.0,     853.0,       1.8);         ( 369005.0,
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     ( 369005.0, 3859390.0,     853.8,     853.8,       1.8);         ( 369005.0,
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     ( 369005.0, 3859440.0,     854.5,     854.5,       1.8);         ( 369005.0,
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     ( 369005.0, 3859490.0,     856.0,     856.0,       1.8);         ( 369005.0,
3859515.0,     856.0,     856.0,       1.8);
     ( 369005.0, 3859540.0,     856.8,     856.8,       1.8);         ( 369005.0,
3859565.0,     857.0,     857.0,       1.8);
     ( 369005.0, 3859590.0,     857.5,     857.5,       1.8);         ( 369005.0,
3859615.0,     858.0,     858.0,       1.8);
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     ( 369030.0, 3858315.0,     835.0,     835.0,       1.8);         ( 369030.0,
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     ( 369030.0, 3858415.0,     836.3,     836.3,       1.8);         ( 369030.0,
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     ( 369030.0, 3858515.0,     838.0,     838.0,       1.8);         ( 369030.0,
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     ( 369030.0, 3858665.0,     841.0,     841.0,       1.8);         ( 369030.0,
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     ( 369030.0, 3858715.0,     841.8,     841.8,       1.8);         ( 369030.0,
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     ( 369030.0, 3858765.0,     842.7,     842.7,       1.8);         ( 369030.0,
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     ( 369030.0, 3858915.0,     845.0,     845.0,       1.8);         ( 369030.0,
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     ( 369030.0, 3859140.0,     848.5,     848.5,       1.8);         ( 369030.0,
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     ( 369030.0, 3859190.0,     849.1,     849.1,       1.8);         ( 369030.0,
3859215.0,     850.0,     850.0,       1.8);
     ( 369030.0, 3859340.0,     853.0,     853.0,       1.8);         ( 369030.0,
3859365.0,     853.0,     853.0,       1.8);
     ( 369030.0, 3859390.0,     853.8,     853.8,       1.8);         ( 369030.0,
3859415.0,     854.0,     854.0,       1.8);
     ( 369030.0, 3859440.0,     854.5,     854.5,       1.8);         ( 369030.0,
3859465.0,     855.3,     855.3,       1.8);
     ( 369030.0, 3859490.0,     856.0,     856.0,       1.8);         ( 369030.0,
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     ( 369030.0, 3859540.0,     856.8,     856.8,       1.8);         ( 369030.0,
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     ( 369030.0, 3859590.0,     857.5,     857.5,       1.8);         ( 369030.0,
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↑ *** AERMOD - VERSION 24142  ***   ***
C:\Users\DWaymire\Documents\AERMOD\Euismod2\Euismod2.isc             ***
06/08/26
 *** AERMET - VERSION  19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
HRA                          ***        18:18:49

                                    PAGE  38
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL
ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     ( 369030.0, 3859690.0,     859.8,     859.8,       1.8);         ( 369030.0,
3859715.0,     860.0,     860.0,       1.8);
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    ( 369030.0, 3859790.0,     861.1,     861.1,       1.8);         ( 369030.0,
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    ( 369030.0, 3859840.0,     862.0,     862.0,       1.8);         ( 369030.0,
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    ( 369055.0, 3858265.0,     834.0,     834.0,       1.8);         ( 369055.0,
3858290.0,     834.1,     834.1,       1.8);
    ( 369055.0, 3858315.0,     835.0,     835.0,       1.8);         ( 369055.0,
3858340.0,     835.0,     835.0,       1.8);
    ( 369055.0, 3858365.0,     835.6,     835.6,       1.8);         ( 369055.0,
3858390.0,     836.0,     836.0,       1.8);
    ( 369055.0, 3858415.0,     836.3,     836.3,       1.8);         ( 369055.0,
3858440.0,     837.0,     837.0,       1.8);
    ( 369055.0, 3858465.0,     837.0,     837.0,       1.8);         ( 369055.0,
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    ( 369055.0, 3858515.0,     838.3,     838.3,       1.8);         ( 369055.0,
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    ( 369055.0, 3858565.0,     839.3,     839.3,       1.8);         ( 369055.0,
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    ( 369055.0, 3858615.0,     840.0,     840.0,       1.8);         ( 369055.0,
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    ( 369055.0, 3858665.0,     841.0,     841.0,       1.8);         ( 369055.0,
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    ( 369055.0, 3858715.0,     842.0,     842.0,       1.8);         ( 369055.0,
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    ( 369055.0, 3858765.0,     843.0,     843.0,       1.8);         ( 369055.0,
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    ( 369055.0, 3858815.0,     843.0,     843.0,       1.8);         ( 369055.0,
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    ( 369055.0, 3858865.0,     844.0,     844.0,       1.8);         ( 369055.0,
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    ( 369055.0, 3859140.0,     848.5,     848.5,       1.8);         ( 369055.0,
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    ( 369055.0, 3859190.0,     849.1,     849.1,       1.8);         ( 369055.0,
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    ( 369055.0, 3859340.0,     853.0,     853.0,       1.8);         ( 369055.0,
3859365.0,     853.0,     853.0,       1.8);
    ( 369055.0, 3859390.0,     853.8,     853.8,       1.8);         ( 369055.0,
3859415.0,     854.0,     854.0,       1.8);
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    ( 369055.0, 3859490.0,     855.5,     855.5,       1.8);         ( 369055.0,
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    ( 369055.0, 3859540.0,     856.8,     856.8,       1.8);         ( 369055.0,
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    ( 369055.0, 3859590.0,     857.5,     857.5,       1.8);         ( 369055.0,
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     ( 369080.0, 3858265.0,     834.0,     834.0,       1.8);         ( 369080.0,
3858290.0,     834.1,     834.1,       1.8);
     ( 369080.0, 3858315.0,     835.0,     835.0,       1.8);         ( 369080.0,
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     ( 369080.0, 3858415.0,     836.3,     836.3,       1.8);         ( 369080.0,
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     ( 369080.0, 3858465.0,     837.0,     837.0,       1.8);         ( 369080.0,
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     ( 369080.0, 3858515.0,     838.6,     838.6,       1.8);         ( 369080.0,
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     ( 369080.0, 3858565.0,     839.3,     839.3,       1.8);         ( 369080.0,
3858590.0,     840.0,     840.0,       1.8);
     ( 369080.0, 3858615.0,     840.0,     840.0,       1.8);         ( 369080.0,
3858640.0,     840.8,     840.8,       1.8);
     ( 369080.0, 3858665.0,     841.0,     841.0,       1.8);         ( 369080.0,
3858690.0,     841.5,     841.5,       1.8);
     ( 369080.0, 3858715.0,     842.0,     842.0,       1.8);         ( 369080.0,
3858740.0,     842.1,     842.1,       1.8);
     ( 369080.0, 3858765.0,     843.0,     843.0,       1.8);         ( 369080.0,
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     ( 369080.0, 3858815.0,     843.0,     843.0,       1.8);         ( 369080.0,
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↟ *** AERMOD - VERSION 24142  ***   ***
C:\Users\DWaymire\Documents\AERMOD\Euismod2\Euismod2.isc             ***
06/08/26
 *** AERMET - VERSION  19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
HRA                          ***        18:18:49

                                    PAGE  39
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL
ADJ_U*

                                              *** DISCRETE CARTESIAN RECEPTORS ***
                                             (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
```

(METERS)

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(369080.0, 3859165.0, 849.0, 849.0, 1.8); (369080.0, 3859190.0, 849.1, 849.1, 1.8);
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06/08/26
 *** AERMET - VERSION  19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
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                                  PAGE  40
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL
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ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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06/08/26
 *** AERMET - VERSION  19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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     ( 369180.0, 3858365.0,     835.0,     835.0,       1.8);         ( 369180.0,
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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)

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     ( 369205.0, 3858840.0,     843.5,     843.5,       1.8);         ( 369205.0,
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↟ *** AERMOD - VERSION 24142 *** ***
C:\Users\DWaymire\Documents\AERMOD\Euismod2\Euismod2.isc *** 06/08/26
*** AERMET - VERSION 19191 *** *** Euismod2: Phase1, Phase2, Combined Phases HRA *** 18:18:49

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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     ( 369255.0, 3859465.0,     854.3,     854.3,       1.8);         ( 369255.0,
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     ( 369255.0, 3859365.0,     853.0,     853.0,       1.8);         ( 369255.0,
3859315.0,     851.4,     851.4,       1.8);
     ( 369255.0, 3859265.0,     850.6,     850.6,       1.8);         ( 369255.0,
3859215.0,     850.0,     850.0,       1.8);
     ( 369255.0, 3859165.0,     848.3,     848.3,       1.8);         ( 369255.0,
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     ( 369255.0, 3859065.0,     847.0,     847.0,       1.8);         ( 369255.0,
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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     ( 369305.0, 3858715.0,     841.4,     841.4,       1.8);         ( 369305.0,
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     ( 369305.0, 3858615.0,     840.0,     840.0,       1.8);         ( 369305.0,
3858565.0,     839.0,     839.0,       1.8);
     ( 369305.0, 3858515.0,     837.7,     837.7,       1.8);         ( 369305.0,
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     ( 369305.0, 3858415.0,     836.0,     836.0,       1.8);         ( 369305.0,
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     ( 369305.0, 3858315.0,     834.0,     834.0,       1.8);         ( 369305.0,
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     ( 369305.0, 3858215.0,     833.0,     833.0,       1.8);         ( 369305.0,
3858165.0,     832.1,     832.1,       1.8);
     ( 369305.0, 3858115.0,     832.0,     832.0,       1.8);         ( 369305.0,
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     ( 369355.0, 3859865.0,     861.6,     861.6,       1.8);         ( 369355.0,
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     ( 369355.0, 3859765.0,     859.3,     859.3,       1.8);         ( 369355.0,
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     ( 369355.0, 3859665.0,     858.0,     858.0,       1.8);         ( 369355.0,
3859615.0,     857.0,     857.0,       1.8);
     ( 369355.0, 3859565.0,     856.0,     856.0,       1.8);         ( 369355.0,
3859515.0,     855.0,     855.0,       1.8);
     ( 369355.0, 3859465.0,     854.0,     854.0,       1.8);         ( 369355.0,
3859415.0,     853.0,     853.0,       1.8);
     ( 369355.0, 3859365.0,     852.0,     852.0,       1.8);         ( 369355.0,
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     ( 369355.0, 3859265.0,     850.6,     850.6,       1.8);         ( 369355.0,
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     ( 369355.0, 3859165.0,     848.7,     848.7,       1.8);         ( 369355.0,
3859115.0,     848.0,     848.0,       1.8);
     ( 369355.0, 3859065.0,     847.0,     847.0,       1.8);         ( 369355.0,
3859015.0,     845.8,     845.8,       1.8);
     ( 369355.0, 3858965.0,     845.0,     845.0,       1.8);         ( 369355.0,
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     ( 369355.0, 3858865.0,     843.1,     843.1,       1.8);         ( 369355.0,
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     ( 369355.0, 3858765.0,     842.0,     842.0,       1.8);         ( 369355.0,
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     ( 369355.0, 3858665.0,     840.6,     840.6,       1.8);         ( 369355.0,
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     ( 369405.0, 3858115.0,     832.0,     832.0,       1.8);         ( 369405.0,
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     ( 369205.0, 3858215.0,     833.0,     833.0,       1.8);         ( 369205.0,
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     ( 369205.0, 3858115.0,     832.0,     832.0,       1.8);         ( 369205.0,
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     ( 369155.0, 3858115.0,     832.0,     832.0,       1.8);         ( 369155.0,
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     ( 369105.0, 3858215.0,     833.5,     833.5,       1.8);         ( 369105.0,
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     ( 369105.0, 3858115.0,     832.0,     832.0,       1.8);         ( 369105.0,
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     ( 369055.0, 3858115.0,     832.0,     832.0,       1.8);         ( 369055.0,
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     ( 369005.0, 3858115.0,     832.0,     832.0,       1.8);         ( 369005.0,
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     ( 368955.0, 3858215.0,     833.6,     833.6,       1.8);         ( 368955.0,
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     ( 368955.0, 3858115.0,     832.0,     832.0,       1.8);         ( 368955.0,
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     ( 368905.0, 3858215.0,     833.3,     833.3,       1.8);         ( 368905.0,
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     ( 368905.0, 3858115.0,     832.0,     832.0,       1.8);         ( 368905.0,
3858065.0,     832.0,     832.0,       1.8);
     ( 368855.0, 3858215.0,     833.0,     833.0,       1.8);         ( 368855.0,
3858165.0,     833.0,     833.0,       1.8);
     ( 368855.0, 3858115.0,     832.0,     832.0,       1.8);         ( 368855.0,
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     ( 368805.0, 3858215.0,     833.0,     833.0,       1.8);         ( 368805.0,
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     ( 368805.0, 3858115.0,     832.1,     832.1,       1.8);         ( 368805.0,
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     ( 368755.0, 3858115.0,     832.2,     832.2,       1.8);         ( 368755.0,
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     ( 368655.0, 3858215.0,     833.0,     833.0,       1.8);         ( 368655.0,
3858165.0,     833.0,     833.0,       1.8);
     ( 368655.0, 3858115.0,     832.0,     832.0,       1.8);         ( 368655.0,
3858065.0,     831.6,     831.6,       1.8);
     ( 368605.0, 3858215.0,     833.0,     833.0,       1.8);         ( 368605.0,
3858165.0,     833.0,     833.0,       1.8);
     ( 368605.0, 3858115.0,     832.1,     832.1,       1.8);         ( 368605.0,
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     ( 368555.0, 3858215.0,     833.0,     833.0,       1.8);         ( 368555.0,
3858165.0,     833.0,     833.0,       1.8);
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     ( 368505.0, 3858215.0,     833.5,     833.5,       1.8);         ( 368505.0,
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     ( 368505.0, 3858115.0,     832.3,     832.3,       1.8);         ( 368505.0,
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 *** AERMOD - VERSION 24142  ***   ***
C:\Users\DWaymire\Documents\AERMOD\Euismod2\Euismod2.isc             ***
06/08/26
 *** AERMET - VERSION  19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
HRA                          ***        18:18:49

                                    PAGE  47
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL
ADJ_U*

                                              *** DISCRETE CARTESIAN RECEPTORS ***
                                            (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                        (METERS)

     ( 368455.0, 3858115.0,     832.2,     832.2,       1.8);         ( 368455.0,
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3858165.0,     833.0,     833.0,       1.8);
     ( 368405.0, 3858115.0,     832.3,     832.3,       1.8);         ( 368405.0,
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     ( 368355.0, 3858215.0,     833.6,     833.6,       1.8);         ( 368355.0,
3858165.0,     833.0,     833.0,       1.8);
     ( 368355.0, 3858115.0,     832.3,     832.3,       1.8);         ( 368355.0,
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     ( 368305.0, 3858215.0,     833.6,     833.6,       1.8);         ( 368305.0,
3858165.0,     833.0,     833.0,       1.8);
     ( 368305.0, 3858115.0,     833.0,     833.0,       1.8);         ( 368305.0,
3858065.0,     832.0,     832.0,       1.8);
     ( 368255.0, 3858215.0,     834.0,     834.0,       1.8);         ( 368255.0,
3858165.0,     833.0,     833.0,       1.8);
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     ( 368255.0, 3858115.0,     833.0,     833.0,       1.8);         ( 368255.0,
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     ( 368205.0, 3858215.0,     834.0,     834.0,       1.8);         ( 368205.0,
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     ( 368205.0, 3858115.0,     833.0,     833.0,       1.8);         ( 368205.0,
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     ( 368155.0, 3858215.0,     834.3,     834.3,       1.8);         ( 368155.0,
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     ( 368155.0, 3858115.0,     833.6,     833.6,       1.8);         ( 368155.0,
3858065.0,     833.0,     833.0,       1.8);
     ( 368105.0, 3858215.0,     835.1,     835.1,       1.8);         ( 368105.0,
3858165.0,     834.1,     834.1,       1.8);
     ( 368105.0, 3858115.0,     834.0,     834.0,       1.8);         ( 368105.0,
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     ( 368055.0, 3858215.0,     835.9,     835.9,       1.8);         ( 368055.0,
3858165.0,     835.0,     835.0,       1.8);
     ( 368055.0, 3858115.0,     834.8,     834.8,       1.8);         ( 368055.0,
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     ( 368005.0, 3858215.0,     837.3,     837.3,       1.8);         ( 368005.0,
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     ( 368005.0, 3858115.0,     835.6,     835.6,       1.8);         ( 368005.0,
3858065.0,     835.0,     835.0,       1.8);
     ( 367955.0, 3858215.0,     838.8,     838.8,       1.8);         ( 367955.0,
3858165.0,     838.1,     838.1,       1.8);
     ( 367955.0, 3858115.0,     837.1,     837.1,       1.8);         ( 367955.0,
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     ( 367905.0, 3858115.0,     838.8,     838.8,       1.8);         ( 367905.0,
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     ( 367855.0, 3858215.0,     841.8,     841.8,       1.8);         ( 367855.0,
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     ( 367855.0, 3858115.0,     840.1,     840.1,       1.8);         ( 367855.0,
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     ( 367805.0, 3858215.0,     843.1,     843.1,       1.8);         ( 367805.0,
3858165.0,     842.1,     842.1,       1.8);
     ( 367805.0, 3858115.0,     841.4,     841.4,       1.8);         ( 367805.0,
3858065.0,     840.7,     840.7,       1.8);
     ( 367755.0, 3858215.0,     844.4,     844.4,       1.8);         ( 367755.0,
3858165.0,     843.8,     843.8,       1.8);
     ( 367755.0, 3858115.0,     842.8,     842.8,       1.8);         ( 367755.0,
3858065.0,     841.5,     841.5,       1.8);
     ( 367705.0, 3858215.0,     845.3,     845.3,       1.8);         ( 367705.0,
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     ( 367705.0, 3858115.0,     843.6,     843.6,       1.8);         ( 367705.0,
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3858165.0,     845.1,     845.1,       1.8);
     ( 367655.0, 3858115.0,     844.4,     844.4,       1.8);         ( 367655.0,
3858065.0,     843.1,     843.1,       1.8);
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     ( 367605.0, 3858115.0,     845.2,     845.2,       1.8);         ( 367605.0,
3858065.0,     843.9,     843.9,       1.8);
     ( 367555.0, 3858215.0,     848.1,     848.1,       1.8);         ( 367555.0,
3858165.0,     847.0,     847.0,       1.8);
     ( 367555.0, 3858115.0,     845.8,     845.8,       1.8);         ( 367555.0,
3858065.0,     844.8,     844.8,       1.8);
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3858165.0,     848.1,     848.1,       1.8);
     ( 367505.0, 3858115.0,     847.0,     847.0,       1.8);         ( 367505.0,
3858065.0,     845.7,     845.7,       1.8);
     ( 367455.0, 3858215.0,     850.4,     850.4,       1.8);         ( 367455.0,
3858165.0,     849.0,     849.0,       1.8);
     ( 367455.0, 3858115.0,     848.1,     848.1,       1.8);         ( 367455.0,
3858065.0,     846.5,     846.5,       1.8);
     ( 367405.0, 3858215.0,     851.3,     851.3,       1.8);         ( 367405.0,
3858165.0,     850.4,     850.4,       1.8);
     ( 367405.0, 3858115.0,     848.8,     848.8,       1.8);         ( 367405.0,
3858065.0,     847.8,     847.8,       1.8);
     ( 367555.0, 3858265.0,     849.1,     849.1,       1.8);         ( 367555.0,
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     ( 367555.0, 3858365.0,     851.8,     851.8,       1.8);         ( 367555.0,
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 *** AERMOD - VERSION 24142  ***   ***
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06/08/26
 *** AERMET - VERSION  19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
HRA                          ***        18:18:49

                                    PAGE  48
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL
ADJ_U*

                                              *** DISCRETE CARTESIAN RECEPTORS ***
                                            (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                        (METERS)

     ( 367555.0, 3858465.0,     853.5,     853.5,       1.8);         ( 367555.0,
3858515.0,     853.5,     853.5,       1.8);
     ( 367555.0, 3858565.0,     854.6,     854.6,       1.8);         ( 367555.0,
3858615.0,     855.5,     855.5,       1.8);
     ( 367555.0, 3858665.0,     856.5,     856.5,       1.8);         ( 367555.0,
3858715.0,     856.8,     856.8,       1.8);
     ( 367555.0, 3858765.0,     857.5,     857.5,       1.8);         ( 367555.0,
3858815.0,     858.1,     858.1,       1.8);
     ( 367555.0, 3858865.0,     858.6,     858.6,       1.8);         ( 367555.0,
3858915.0,     859.5,     859.5,       1.8);
     ( 367555.0, 3858965.0,     860.5,     860.5,       1.8);         ( 367555.0,
3859015.0,     861.5,     861.5,       1.8);
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     ( 367555.0, 3859165.0,     866.8,     866.8,       1.8);         ( 367555.0,
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     ( 367555.0, 3859265.0,     870.9,     870.9,       1.8);         ( 367555.0,
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     ( 367555.0, 3859365.0,     873.4,     873.4,       1.8);         ( 367555.0,
3859415.0,     874.5,     874.5,       1.8);
     ( 367555.0, 3859465.0,     875.6,    1001.0,       1.8);         ( 367555.0,
3859515.0,     876.5,    1001.0,       1.8);
     ( 367555.0, 3859565.0,     878.4,    1001.0,       1.8);         ( 367555.0,
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     ( 367555.0, 3859665.0,     882.4,    1003.0,       1.8);         ( 367555.0,
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     ( 367555.0, 3859765.0,     887.1,    1003.0,       1.8);         ( 367555.0,
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     ( 367555.0, 3859865.0,     892.8,    1001.0,       1.8);         ( 367555.0,
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     ( 367555.0, 3859965.0,     897.9,    1002.0,       1.8);         ( 367555.0,
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     ( 367555.0, 3860065.0,     902.4,    1002.0,       1.8);         ( 367505.0,
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     ( 367505.0, 3858315.0,     852.0,     852.0,       1.8);         ( 367505.0,
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     ( 367505.0, 3858515.0,     855.1,     855.1,       1.8);         ( 367505.0,
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     ( 367505.0, 3858815.0,     859.8,     859.8,       1.8);         ( 367505.0,
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     ( 367505.0, 3858915.0,     861.1,     861.1,       1.8);         ( 367505.0,
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     ( 367505.0, 3859015.0,     863.4,     863.4,       1.8);         ( 367505.0,
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     ( 367505.0, 3859115.0,     865.6,     865.6,       1.8);         ( 367505.0,
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     ( 367505.0, 3859215.0,     870.1,     870.1,       1.8);         ( 367505.0,
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     ( 367505.0, 3859415.0,     876.1,    1001.0,       1.8);         ( 367505.0,
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(367455.0, 3859065.0, 866.8, 866.8, 1.8); (367455.0, 3859115.0, 865.9, 865.9, 1.8);
(367455.0, 3859165.0, 869.1, 869.1, 1.8); (367455.0, 3859215.0, 871.0, 871.0, 1.8);

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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(367455.0, 3859565.0, 882.4, 1003.0, 1.8); (367455.0, 3859615.0, 885.1, 1003.0, 1.8);

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     ( 367455.0, 3859765.0,     891.2,    1004.0,       1.8);         ( 367455.0,
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     ( 367455.0, 3859865.0,     897.1,    1003.0,       1.8);         ( 367455.0,
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     ( 367455.0, 3859965.0,     901.8,    1003.0,       1.8);         ( 367455.0,
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     ( 367455.0, 3860065.0,     908.0,    1002.0,       1.8);         ( 367405.0,
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     ( 367405.0, 3858315.0,     853.5,     853.5,       1.8);         ( 367405.0,
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     ( 367405.0, 3858415.0,     854.6,     854.6,       1.8);         ( 367405.0,
3858465.0,     855.5,     855.5,       1.8);
     ( 367405.0, 3858515.0,     856.3,     856.3,       1.8);         ( 367405.0,
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     ( 367405.0, 3858615.0,     858.5,     858.5,       1.8);         ( 367405.0,
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     ( 367405.0, 3859015.0,     866.8,     866.8,       1.8);         ( 367405.0,
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     ( 367405.0, 3859115.0,     869.1,     869.1,       1.8);         ( 367405.0,
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     ( 367405.0, 3859215.0,     872.0,     872.0,       1.8);         ( 367405.0,
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     ( 367405.0, 3859315.0,     875.9,    1001.0,       1.8);         ( 367405.0,
3859365.0,     878.0,    1001.0,       1.8);
     ( 367405.0, 3859415.0,     879.3,    1003.0,       1.8);         ( 367405.0,
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     ( 367405.0, 3859515.0,     882.4,    1003.0,       1.8);         ( 367405.0,
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     ( 367405.0, 3859615.0,     887.6,    1004.0,       1.8);         ( 367405.0,
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     ( 367405.0, 3859715.0,     890.0,    1012.0,       1.8);         ( 367405.0,
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     ( 367405.0, 3859815.0,     896.4,    1012.0,       1.8);         ( 367405.0,
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     ( 367405.0, 3859915.0,     902.9,    1004.0,       1.8);         ( 367405.0,
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     ( 367505.0, 3860165.0,     909.0,    1002.0,       1.8);         ( 367505.0,
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     ( 367905.0, 3860165.0,     887.6,     887.6,       1.8);         ( 367905.0,
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     ( 368005.0, 3860165.0,     884.4,     884.4,       1.8);         ( 368005.0,
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     ( 368105.0, 3860165.0,     878.9,     878.9,       1.8);         ( 368105.0,
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     ( 368205.0, 3860165.0,     876.3,     876.3,       1.8);         ( 368205.0,
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     ( 368305.0, 3860165.0,     872.5,     872.5,       1.8);         ( 368305.0,
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     ( 368405.0, 3860165.0,     871.4,     871.4,       1.8);         ( 368405.0,
3860265.0,     871.1,     871.1,       1.8);
     ( 368505.0, 3860165.0,     871.1,     871.1,       1.8);         ( 368505.0,
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     ( 368605.0, 3860165.0,     872.0,     872.0,       1.8);         ( 368605.0,
3860265.0,     873.0,     873.0,       1.8);
     ( 368705.0, 3860165.0,     872.0,     872.0,       1.8);         ( 368705.0,
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     ( 368805.0, 3860165.0,     870.5,     870.5,       1.8);         ( 368805.0,
3860265.0,     872.8,     872.8,       1.8);
     ( 368905.0, 3860165.0,     869.6,     869.6,       1.8);         ( 368905.0,
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     ( 369005.0, 3860165.0,     869.9,     869.9,       1.8);         ( 369005.0,
3860265.0,     871.0,     871.0,       1.8);
     ( 369105.0, 3860165.0,     870.0,     870.0,       1.8);         ( 369105.0,
3860265.0,     870.0,     870.0,       1.8);
 *** AERMOD - VERSION 24142  ***   ***
C:\Users\DWaymire\Documents\AERMOD\Euismod2\Euismod2.isc             ***
06/08/26
 *** AERMET - VERSION  19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
HRA                          ***        18:18:49

                                    PAGE  50
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL
ADJ_U*

                                              *** DISCRETE CARTESIAN RECEPTORS ***
                                            (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                        (METERS)

     ( 369205.0, 3860165.0,     868.5,     868.5,       1.8);         ( 369205.0,
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     ( 369505.0, 3860165.0,     865.8,     865.8,       1.8);         ( 369505.0,
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3860265.0,     866.0,     866.0,       1.8);
     ( 369505.0, 3860065.0,     863.3,     863.3,       1.8);         ( 369505.0,
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     ( 369505.0, 3859865.0,     860.0,     860.0,       1.8);         ( 369505.0,
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     ( 369505.0, 3859665.0,     856.5,     856.5,       1.8);         ( 369505.0,
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     ( 369505.0, 3859465.0,     853.6,     853.6,       1.8);         ( 369505.0,
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     ( 369505.0, 3859265.0,     850.0,     850.0,       1.8);         ( 369505.0,
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     ( 369505.0, 3859065.0,     848.0,     848.0,       1.8);         ( 369505.0,
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     ( 369505.0, 3858865.0,     843.1,     843.1,       1.8);         ( 369505.0,
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     ( 369505.0, 3858665.0,     839.6,     839.6,       1.8);         ( 369505.0,
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     ( 369505.0, 3858465.0,     836.0,     836.0,       1.8);         ( 369505.0,
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     ( 369505.0, 3858065.0,     830.8,     830.8,       1.8);         ( 369505.0,
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     ( 369505.0, 3857865.0,     828.0,     828.0,       1.8);         ( 369605.0,
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     ( 369605.0, 3859965.0,     860.0,     860.0,       1.8);         ( 369605.0,
3859865.0,     859.0,     859.0,       1.8);
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3859665.0,     856.0,     856.0,       1.8);
     ( 369605.0, 3859565.0,     854.1,     854.1,       1.8);         ( 369605.0,
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     ( 369605.0, 3858965.0,     844.8,     844.8,       1.8);         ( 369605.0,
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     ( 369605.0, 3858765.0,     841.0,     841.0,       1.8);         ( 369605.0,
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     ( 369605.0, 3858365.0,     835.0,     835.0,       1.8);         ( 369605.0,
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     ( 369605.0, 3858165.0,     832.0,     832.0,       1.8);         ( 369605.0,
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     ( 369205.0, 3857965.0,     830.1,     830.1,       1.8);         ( 369205.0,
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     ( 368905.0, 3857965.0,     831.0,     831.0,       1.8);         ( 368905.0,
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     ( 368805.0, 3857965.0,     830.4,     830.4,       1.8);         ( 368805.0,
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     ( 368305.0, 3857965.0,     831.0,     831.0,       1.8);         ( 368305.0,
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     ( 368205.0, 3857965.0,     831.2,     831.2,       1.8);         ( 368205.0,
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     ( 368005.0, 3857965.0,     834.0,     834.0,       1.8);         ( 368005.0,
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     ( 367905.0, 3857965.0,     835.9,     835.9,       1.8);         ( 367905.0,
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     ( 367805.0, 3857965.0,     838.4,     838.4,       1.8);         ( 367805.0,
3857865.0,     836.1,     836.1,       1.8);
```


 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```
     ( 367705.0, 3857965.0,     840.1,     840.1,       1.8);         ( 367705.0,
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     ( 367605.0, 3857965.0,     841.3,     841.3,       1.8);         ( 367605.0,
3857865.0,     839.0,     839.0,       1.8);
     ( 367505.0, 3857965.0,     843.4,     843.4,       1.8);         ( 367505.0,
3857865.0,     841.0,     841.0,       1.8);
     ( 367405.0, 3857965.0,     845.3,     845.3,       1.8);         ( 367405.0,
3857865.0,     842.5,     842.5,       1.8);
     ( 367305.0, 3857965.0,     847.9,     847.9,       1.8);         ( 367305.0,
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     ( 367205.0, 3857965.0,     850.4,     850.4,       1.8);         ( 367205.0,
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     ( 367305.0, 3858065.0,     849.9,     849.9,       1.8);         ( 367305.0,
3858165.0,     852.8,     852.8,       1.8);
     ( 367305.0, 3858265.0,     854.2,     854.2,       1.8);         ( 367305.0,
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     ( 367205.0, 3858365.0,     857.7,     857.7,       1.8);         ( 367205.0,
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     ( 369855.0, 3859298.2,     848.0,     848.0,       1.8);         ( 369855.0,
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 *** AERMOD - VERSION 24142  ***   ***
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06/08/26
 *** AERMET - VERSION  19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
HRA                          ***        18:18:49

                                    PAGE  52
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL
ADJ_U*
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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(369855.0, 3857848.2, 827.0, 827.0, 1.8); (369855.0, 3857606.8, 824.0, 824.0, 1.8);
(369855.0, 3857365.0, 822.0, 822.0, 1.8); (370105.0, 3860265.0, 858.5, 858.5, 1.8);
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     ( 369505.0, 3861165.0,     882.0,     882.0,       1.8);         ( 369505.0,
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 *** AERMOD - VERSION 24142  ***   ***
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06/08/26
 *** AERMET - VERSION  19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
HRA                          ***        18:18:49
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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     ( 366305.0, 3860165.0,     970.4,    1050.0,       1.8);         ( 366305.0,
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     ( 366305.0, 3861098.2,    1021.8,    1021.8,       1.8);         ( 366305.0,
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     ( 365905.0, 3857365.0,     858.5,     858.5,       1.8);         ( 365905.0,
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     ( 365905.0, 3858298.2,     885.2,     960.0,       1.8);         ( 365905.0,
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     ( 365905.0, 3860165.0,     995.0,    1050.0,       1.8);         ( 365905.0,
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3858965.0,     852.8,     852.8,       1.8);
     ( 367752.0, 3858968.0,     855.6,     855.6,       1.8);         ( 367757.0,
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3859253.7,     851.3,     851.3,       1.8);
 *** AERMOD - VERSION 24142  ***   ***
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```
     ( 368440.6, 3859254.0,     851.3,     851.3,       1.8);         ( 368430.8,
3859254.3,     851.2,     851.2,       1.8);
     ( 368421.0, 3859254.7,     851.1,     851.1,       1.8);         ( 368411.1,
3859255.0,     851.0,     851.0,       1.8);
     ( 368401.3, 3859255.3,     851.1,     851.1,       1.8);         ( 368391.5,
3859255.7,     851.2,     851.2,       1.8);
     ( 368381.7, 3859256.0,     851.3,     851.3,       1.8);         ( 368371.9,
3859256.3,     851.3,     851.3,       1.8);
     ( 368362.1, 3859256.7,     851.2,     851.2,       1.8);         ( 368352.3,
3859257.0,     851.0,     851.0,       1.8);
     ( 368342.5, 3859257.3,     851.0,     851.0,       1.8);         ( 368332.7,
3859257.7,     851.0,     851.0,       1.8);
     ( 368322.9, 3859258.0,     851.0,     851.0,       1.8);         ( 368313.0,
3859258.3,     851.0,     851.0,       1.8);
     ( 368303.2, 3859258.7,     851.0,     851.0,       1.8);         ( 368293.4,
3859259.0,     851.0,     851.0,       1.8);
     ( 368283.6, 3859259.3,     851.1,     851.1,       1.8);         ( 368273.8,
3859259.7,     851.2,     851.2,       1.8);
     ( 368263.7, 3859250.3,     851.1,     851.1,       1.8);         ( 368263.4,
3859240.5,     851.0,     851.0,       1.8);
     ( 368263.1, 3859230.8,     850.9,     850.9,       1.8);         ( 368262.8,
3859221.0,     850.9,     850.9,       1.8);
     ( 368262.5, 3859211.3,     850.8,     850.8,       1.8);         ( 368262.3,
3859201.5,     850.5,     850.5,       1.8);
     ( 368262.0, 3859191.8,     850.2,     850.2,       1.8);         ( 368261.7,
3859182.1,     849.9,     849.9,       1.8);
     ( 368261.4, 3859172.3,     849.5,     849.5,       1.8);         ( 368261.1,
3859162.6,     849.2,     849.2,       1.8);
     ( 368260.8, 3859152.8,     849.0,     849.0,       1.8);         ( 368260.5,
3859143.1,     849.0,     849.0,       1.8);
     ( 368260.2, 3859133.3,     849.0,     849.0,       1.8);         ( 368259.9,
3859123.6,     848.9,     848.9,       1.8);
     ( 368259.6, 3859113.9,     848.6,     848.6,       1.8);         ( 368259.3,
3859104.1,     848.3,     848.3,       1.8);
     ( 368259.1, 3859094.4,     847.9,     847.9,       1.8);         ( 368258.8,
3859084.6,     847.6,     847.6,       1.8);
     ( 368258.5, 3859074.9,     847.3,     847.3,       1.8);         ( 368258.2,
3859065.2,     847.0,     847.0,       1.8);
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    ( 368257.9, 3859055.4,     847.0,     847.0,       1.8);         ( 368257.6,
3859045.7,     847.0,     847.0,       1.8);
    ( 368257.3, 3859035.9,     847.0,     847.0,       1.8);         ( 368257.0,
3859026.2,     846.7,     846.7,       1.8);
    ( 368256.7, 3859016.4,     846.4,     846.4,       1.8);         ( 368256.5,
3859006.7,     846.1,     846.1,       1.8);
    ( 368256.2, 3858997.0,     846.1,     846.1,       1.8);         ( 368255.9,
3858987.2,     846.0,     846.0,       1.8);
    ( 368255.6, 3858977.5,     846.0,     846.0,       1.8);         ( 368255.3,
3858967.7,     845.8,     845.8,       1.8);
    ( 368245.4, 3858958.1,     845.7,     845.7,       1.8);         ( 368235.9,
3858958.3,     845.9,     845.9,       1.8);
    ( 368226.3, 3858958.4,     846.0,     846.0,       1.8);         ( 368216.7,
3858958.6,     846.0,     846.0,       1.8);
    ( 368207.1, 3858958.7,     846.0,     846.0,       1.8);         ( 368197.6,
3858958.9,     846.0,     846.0,       1.8);
    ( 368188.0, 3858959.0,     846.2,     846.2,       1.8);         ( 368178.4,
3858959.1,     846.3,     846.3,       1.8);
    ( 368168.9, 3858959.3,     846.4,     846.4,       1.8);         ( 368159.3,
3858959.4,     846.5,     846.5,       1.8);
    ( 368149.7, 3858959.6,     846.5,     846.5,       1.8);         ( 368140.1,
3858959.7,     846.5,     846.5,       1.8);
    ( 368130.6, 3858959.9,     846.6,     846.6,       1.8);         ( 368121.0,
3858960.0,     846.8,     846.8,       1.8);
    ( 368111.4, 3858960.1,     847.0,     847.0,       1.8);         ( 368101.9,
3858960.3,     847.1,     847.1,       1.8);
    ( 368092.3, 3858960.4,     847.3,     847.3,       1.8);         ( 368082.7,
3858960.6,     847.4,     847.4,       1.8);
    ( 368073.1, 3858960.7,     847.6,     847.6,       1.8);         ( 368063.6,
3858960.9,     847.8,     847.8,       1.8);
    ( 368053.7, 3858951.4,     847.9,     847.9,       1.8);         ( 368053.4,
3858941.9,     847.9,     847.9,       1.8);
    ( 368053.1, 3858932.3,     847.9,     847.9,       1.8);         ( 368052.9,
3858922.7,     847.9,     847.9,       1.8);
    ( 368052.6, 3858913.1,     847.8,     847.8,       1.8);         ( 368052.3,
3858903.6,     847.5,     847.5,       1.8);
    ( 368052.0, 3858894.0,     847.2,     847.2,       1.8);         ( 368051.7,
3858884.4,     847.0,     847.0,       1.8);
    ( 368051.4, 3858874.9,     847.0,     847.0,       1.8);         ( 368051.1,
3858865.3,     847.0,     847.0,       1.8);
    ( 368050.9, 3858855.7,     847.0,     847.0,       1.8);         ( 368050.6,
3858846.1,     847.0,     847.0,       1.8);
    ( 368050.3, 3858836.6,     847.0,     847.0,       1.8);         ( 368050.0,
3858827.0,     847.0,     847.0,       1.8);
    ( 368049.7, 3858817.4,     847.0,     847.0,       1.8);         ( 368049.4,
3858807.9,     847.0,     847.0,       1.8);
    ( 368049.1, 3858798.3,     847.0,     847.0,       1.8);         ( 368048.9,
3858788.7,     846.8,     846.8,       1.8);
    ( 368048.6, 3858779.1,     846.5,     846.5,       1.8);         ( 368048.3,
3858769.6,     846.1,     846.1,       1.8);
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(368019.7, 3858760.0, 846.8, 846.8, 1.8); (368010.3, 3858760.0, 846.9, 846.9, 1.8);
(368000.9, 3858760.0, 846.9, 846.9, 1.8); (367991.4, 3858760.0, 847.0, 847.0, 1.8);
(367982.0, 3858760.0, 847.2, 847.2, 1.8); (367972.6, 3858760.0, 847.4, 847.4, 1.8);
(367963.1, 3858760.0, 847.7, 847.7, 1.8); (367953.7, 3858760.0, 847.8, 847.8, 1.8);
(367944.3, 3858760.0, 847.8, 847.8, 1.8); (367934.9, 3858760.0, 847.8, 847.8, 1.8);
(367925.4, 3858760.0, 847.8, 847.8, 1.8); (367910.9, 3858768.0, 848.1, 848.1, 1.8);
(367905.8, 3858776.0, 848.3, 848.3, 1.8); (367900.8, 3858784.0, 848.6, 848.6, 1.8);
(367895.7, 3858792.0, 849.0, 849.0, 1.8); (367890.6, 3858800.0, 849.4, 849.4, 1.8);
(367885.5, 3858808.0, 849.7, 849.7, 1.8); (367880.5, 3858816.0, 849.9, 849.9, 1.8);
(367875.4, 3858824.0, 850.0, 850.0, 1.8); (367870.3, 3858832.0, 850.2, 850.2, 1.8);
(367865.2, 3858840.0, 850.6, 850.6, 1.8); (367860.1, 3858848.0, 851.0, 851.0, 1.8);
(367855.1, 3858856.0, 851.5, 851.5, 1.8); (367850.2, 3858873.2, 851.6, 851.6, 1.8);
(367850.4, 3858882.4, 851.6, 851.6, 1.8); (367850.5, 3858891.5, 851.8, 851.8, 1.8);
(367850.7, 3858900.7, 852.1, 852.1, 1.8); (367850.9, 3858909.9, 852.4, 852.4, 1.8);
(367851.1, 3858919.1, 852.6, 852.6, 1.8); (367851.3, 3858928.3, 852.6, 852.6, 1.8);
(367851.5, 3858937.4, 852.6, 852.6, 1.8); (367851.6, 3858946.6, 852.6, 852.6, 1.8);
(367851.8, 3858955.8, 852.7, 852.7, 1.8); (367842.9, 3858965.3, 853.0, 853.0, 1.8);

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     ( 367833.8, 3858965.5,     853.1,     853.1,       1.8);         ( 367824.7,
3858965.8,     853.3,     853.3,       1.8);
     ( 367815.6, 3858966.1,     853.5,     853.5,       1.8);         ( 367806.5,
3858966.4,     853.8,     853.8,       1.8);
     ( 367797.5, 3858966.6,     854.1,     854.1,       1.8);         ( 367788.4,
3858966.9,     854.4,     854.4,       1.8);
     ( 367779.3, 3858967.2,     854.7,     854.7,       1.8);         ( 367770.2,
3858967.4,     855.0,     855.0,       1.8);
     ( 367761.1, 3858967.7,     855.3,     855.3,       1.8);         ( 367752.2,
3858977.7,     855.9,     855.9,       1.8);
     ( 367752.5, 3858987.3,     855.9,     855.9,       1.8);         ( 367752.7,
3858997.0,     855.9,     855.9,       1.8);
     ( 367753.0, 3859006.7,     855.9,     855.9,       1.8);         ( 367753.2,
3859016.3,     856.2,     856.2,       1.8);
     ( 367753.4, 3859026.0,     856.5,     856.5,       1.8);         ( 367753.7,
3859035.7,     856.8,     856.8,       1.8);
     ( 367753.9, 3859045.3,     857.2,     857.2,       1.8);         ( 367754.1,
3859055.0,     857.5,     857.5,       1.8);
     ( 367754.4, 3859064.7,     857.8,     857.8,       1.8);         ( 367754.6,
3859074.3,     857.9,     857.9,       1.8);
     ( 367754.9, 3859084.0,     857.9,     857.9,       1.8);         ( 367755.1,
3859093.7,     858.0,     858.0,       1.8);
     ( 367755.3, 3859103.3,     858.2,     858.2,       1.8);         ( 367755.6,
3859113.0,     858.6,     858.6,       1.8);
     ( 367755.8, 3859122.7,     858.9,     858.9,       1.8);         ( 367756.0,
3859132.3,     859.2,     859.2,       1.8);
     ( 367756.3, 3859142.0,     859.5,     859.5,       1.8);         ( 367756.5,
3859151.7,     859.9,     859.9,       1.8);
     ( 367756.8, 3859161.3,     860.3,     860.3,       1.8);         ( 367766.8,
3859170.8,     860.7,     860.7,       1.8);
     ( 367776.5, 3859170.6,     860.5,     860.5,       1.8);         ( 367786.3,
3859170.4,     860.2,     860.2,       1.8);
     ( 367796.1, 3859170.2,     859.9,     859.9,       1.8);         ( 367805.9,
3859170.0,     859.6,     859.6,       1.8);
     ( 367815.6, 3859169.8,     859.3,     859.3,       1.8);         ( 367825.4,
3859169.6,     858.9,     858.9,       1.8);
     ( 367835.2, 3859169.4,     858.6,     858.6,       1.8);         ( 367845.0,
3859169.3,     858.2,     858.2,       1.8);
     ( 367854.7, 3859169.1,     857.7,     857.7,       1.8);         ( 367864.5,
3859168.9,     857.2,     857.2,       1.8);
     ( 367874.3, 3859168.7,     856.8,     856.8,       1.8);         ( 367884.1,
3859168.5,     856.5,     856.5,       1.8);
     ( 367893.8, 3859168.3,     856.2,     856.2,       1.8);         ( 367903.6,
3859168.1,     855.9,     855.9,       1.8);
     ( 367913.4, 3859167.9,     855.7,     855.7,       1.8);         ( 367923.2,
3859167.7,     855.5,     855.5,       1.8);
     ( 367932.9, 3859167.5,     855.3,     855.3,       1.8);         ( 367942.7,
3859167.3,     854.9,     854.9,       1.8);
     ( 367952.5, 3859167.1,     854.6,     854.6,       1.8);         ( 367962.3,
3859166.9,     854.3,     854.3,       1.8);
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(367972.0, 3859166.7, 853.9, 853.9, 1.8); (367981.8, 3859166.5, 853.6, 853.6, 1.8);
(367991.6, 3859166.3, 853.3, 853.3, 1.8); (368001.3, 3859166.2, 853.3, 853.3, 1.8);
(368011.1, 3859166.0, 853.3, 853.3, 1.8); (368020.9, 3859165.8, 853.3, 853.3, 1.8);

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(368030.7, 3859165.6, 852.9, 852.9, 1.8); (368040.5, 3859165.4, 852.6, 852.6, 1.8);
(368050.2, 3859165.2, 852.3, 852.3, 1.8); (368060.2, 3859174.6, 852.6, 852.6, 1.8);
(368060.5, 3859184.2, 852.9, 852.9, 1.8); (368060.7, 3859193.9, 853.2, 853.2, 1.8);
(368061.0, 3859203.5, 853.4, 853.4, 1.8); (368061.2, 3859213.1, 853.5, 853.5, 1.8);
(368061.4, 3859222.7, 853.7, 853.7, 1.8); (368061.7, 3859232.3, 853.8, 853.8, 1.8);
(368061.9, 3859241.9, 853.9, 853.9, 1.8); (368062.1, 3859251.6, 854.2, 854.2, 1.8);
(368062.4, 3859261.2, 854.5, 854.5, 1.8); (368062.6, 3859270.8, 854.8, 854.8, 1.8);
(368062.9, 3859280.4, 855.1, 855.1, 1.8); (368063.1, 3859290.0, 855.3, 855.3, 1.8);
(368063.3, 3859299.7, 855.4, 855.4, 1.8); (368063.6, 3859309.3, 855.5, 855.5, 1.8);
(368063.8, 3859318.9, 855.5, 855.5, 1.8); (368064.0, 3859328.5, 855.5, 855.5, 1.8);
(368064.3, 3859338.1, 855.6, 855.6, 1.8); (368064.5, 3859347.8, 855.9, 855.9, 1.8);
(368064.8, 3859357.4, 856.2, 856.2, 1.8); (368074.9, 3859366.7, 856.2, 856.2, 1.8);
(368084.8, 3859366.4, 855.8, 855.8, 1.8); (368094.6, 3859366.0, 855.5, 855.5, 1.8);
(368104.5, 3859365.7, 855.2, 855.2, 1.8); (368114.4, 3859365.4, 855.0, 855.0, 1.8);
(368124.3, 3859365.1, 855.0, 855.0, 1.8); (368134.1, 3859364.8, 855.0, 855.0, 1.8);

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    ( 368144.0, 3859364.5,     854.8,     854.8,       1.8);         ( 368153.9,
3859364.1,     854.5,     854.5,       1.8);
    ( 368163.8, 3859363.8,     854.1,     854.1,       1.8);         ( 368173.7,
3859363.5,     853.8,     853.8,       1.8);
    ( 368183.5, 3859363.2,     853.5,     853.5,       1.8);         ( 368193.4,
3859362.9,     853.2,     853.2,       1.8);
    ( 368203.3, 3859362.6,     853.0,     853.0,       1.8);         ( 368213.2,
3859362.2,     853.0,     853.0,       1.8);
    ( 368223.0, 3859361.9,     853.0,     853.0,       1.8);         ( 368232.9,
3859361.6,     853.0,     853.0,       1.8);
    ( 368242.8, 3859361.3,     852.9,     852.9,       1.8);         ( 368252.7,
3859361.0,     852.9,     852.9,       1.8);
    ( 368262.6, 3859360.7,     852.8,     852.8,       1.8);         ( 368272.4,
3859360.3,     852.8,     852.8,       1.8);
    ( 368282.3, 3859360.0,     852.8,     852.8,       1.8);         ( 368292.2,
3859359.7,     852.7,     852.7,       1.8);
    ( 368302.1, 3859359.4,     852.4,     852.4,       1.8);         ( 368312.0,
3859359.1,     852.2,     852.2,       1.8);
    ( 368321.8, 3859358.8,     852.0,     852.0,       1.8);         ( 368331.7,
3859358.4,     852.0,     852.0,       1.8);
    ( 368341.6, 3859358.1,     852.0,     852.0,       1.8);         ( 368351.5,
3859357.8,     852.0,     852.0,       1.8);
    ( 368361.3, 3859357.5,     852.3,     852.3,       1.8);         ( 368371.2,
3859357.2,     852.5,     852.5,       1.8);
    ( 368381.1, 3859356.8,     852.7,     852.7,       1.8);         ( 368391.0,
3859356.5,     852.8,     852.8,       1.8);
    ( 368400.8, 3859356.2,     852.9,     852.9,       1.8);         ( 368410.7,
3859355.9,     853.0,     853.0,       1.8);
    ( 368420.6, 3859355.6,     853.0,     853.0,       1.8);         ( 368430.5,
3859355.3,     853.0,     853.0,       1.8);
    ( 368440.4, 3859354.9,     853.0,     853.0,       1.8);         ( 368450.2,
3859354.6,     853.2,     853.2,       1.8);
    ( 368460.1, 3859354.3,     853.4,     853.4,       1.8);         ( 368479.6,
3859353.7,     853.4,     853.4,       1.8);
    ( 368489.3, 3859353.4,     853.2,     853.2,       1.8);         ( 368498.9,
3859353.2,     853.0,     853.0,       1.8);
    ( 368508.5, 3859352.9,     853.0,     853.0,       1.8);         ( 368518.2,
3859352.6,     853.0,     853.0,       1.8);
    ( 368527.8, 3859352.4,     853.0,     853.0,       1.8);         ( 368537.5,
3859352.1,     853.0,     853.0,       1.8);
    ( 368547.1, 3859351.8,     853.0,     853.0,       1.8);         ( 368556.7,
3859351.5,     853.0,     853.0,       1.8);
    ( 368566.4, 3859351.3,     853.1,     853.1,       1.8);         ( 368576.3,
3859360.5,     853.5,     853.5,       1.8);
    ( 368576.6, 3859370.0,     853.6,     853.6,       1.8);         ( 368576.9,
3859379.6,     853.8,     853.8,       1.8);
    ( 368577.1, 3859389.1,     853.9,     853.9,       1.8);         ( 368577.4,
3859398.6,     854.1,     854.1,       1.8);
    ( 368577.7, 3859408.1,     854.2,     854.2,       1.8);         ( 368578.0,
3859417.7,     854.5,     854.5,       1.8);
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(368581.1, 3859522.4, 856.0, 856.0, 1.8); (368581.4,
3859531.9, 856.0, 856.0, 1.8);
(368581.7, 3859541.5, 856.0, 856.0, 1.8); (368591.5,
3859550.6, 856.2, 856.2, 1.8);
(368600.9, 3859550.3, 856.5, 856.5, 1.8); (368610.4,
3859549.9, 856.7, 856.7, 1.8);
(368619.8, 3859549.5, 857.0, 857.0, 1.8); (368629.3,
3859549.2, 857.0, 857.0, 1.8);
(368638.7, 3859548.8, 857.0, 857.0, 1.8); (368648.2,
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(368682.8, 3859467.4, 855.4, 855.4, 1.8); (368682.4,
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(368682.0, 3859447.5, 855.0, 855.0, 1.8); (368681.6,
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(368681.2, 3859427.6, 855.0, 855.0, 1.8); (368680.8,
3859417.6, 854.7, 854.7, 1.8);

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     ( 368679.6, 3859387.8,     854.0,     854.0,       1.8);         ( 368679.2,
3859377.8,     854.0,     854.0,       1.8);
     ( 368678.8, 3859367.9,     854.0,     854.0,       1.8);         ( 368678.4,
3859357.9,     853.7,     853.7,       1.8);
     ( 368687.8, 3859347.7,     853.4,     853.4,       1.8);         ( 368697.7,
3859347.3,     853.4,     853.4,       1.8);
     ( 368707.5, 3859347.0,     853.4,     853.4,       1.8);         ( 368717.4,
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     ( 368727.2, 3859346.4,     853.3,     853.3,       1.8);         ( 368737.1,
3859346.0,     853.3,     853.3,       1.8);
     ( 368747.0, 3859345.7,     853.2,     853.2,       1.8);         ( 368756.8,
3859345.4,     853.1,     853.1,       1.8);
     ( 368766.6, 3859345.1,     853.0,     853.0,       1.8);         ( 368776.5,
3859344.8,     852.8,     852.8,       1.8);
     ( 368786.3, 3859344.4,     852.6,     852.6,       1.8);         ( 368796.2,
3859344.1,     852.3,     852.3,       1.8);
     ( 368806.0, 3859343.8,     852.3,     852.3,       1.8);         ( 368815.9,
3859343.4,     852.3,     852.3,       1.8);
     ( 368825.8, 3859343.1,     852.2,     852.2,       1.8);         ( 368835.6,
3859342.8,     852.2,     852.2,       1.8);
     ( 368845.5, 3859342.5,     852.2,     852.2,       1.8);         ( 368855.3,
3859342.1,     852.2,     852.2,       1.8);
     ( 368865.1, 3859341.8,     852.4,     852.4,       1.8);         ( 368875.0,
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     ( 368884.8, 3859341.2,     852.9,     852.9,       1.8);         ( 368894.7,
3859340.8,     853.0,     853.0,       1.8);
     ( 368904.5, 3859340.5,     853.0,     853.0,       1.8);         ( 368914.4,
3859340.2,     853.0,     853.0,       1.8);
     ( 368924.2, 3859339.9,     853.0,     853.0,       1.8);         ( 368934.1,
3859339.5,     853.0,     853.0,       1.8);
     ( 368944.0, 3859339.2,     853.0,     853.0,       1.8);         ( 368953.8,
3859338.9,     853.0,     853.0,       1.8);
     ( 368963.6, 3859338.6,     853.0,     853.0,       1.8);         ( 368973.5,
3859338.2,     853.0,     853.0,       1.8);
     ( 368983.3, 3859337.9,     853.0,     853.0,       1.8);         ( 368993.2,
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     ( 369003.0, 3859337.3,     853.0,     853.0,       1.8);         ( 369012.9,
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     ( 369022.8, 3859336.6,     853.0,     853.0,       1.8);         ( 369032.6,
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     ( 369042.5, 3859336.0,     853.0,     853.0,       1.8);         ( 369052.3,
3859335.6,     853.0,     853.0,       1.8);
     ( 369062.1, 3859335.3,     853.0,     853.0,       1.8);         ( 369071.6,
3859325.2,     852.6,     852.6,       1.8);
     ( 369071.2, 3859315.4,     852.3,     852.3,       1.8);         ( 369070.8,
3859305.6,     852.0,     852.0,       1.8);
     ( 369070.4, 3859295.8,     851.7,     851.7,       1.8);         ( 369070.0,
3859286.0,     851.3,     851.3,       1.8);
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(369068.8, 3859256.6, 851.0, 851.0, 1.8); (369068.4, 3859246.8, 851.0, 851.0, 1.8);
(369058.1, 3859237.3, 850.7, 850.7, 1.8); (369048.2, 3859237.5, 850.7, 850.7, 1.8);
(369038.3, 3859237.8, 850.7, 850.7, 1.8); (369028.4, 3859238.0, 850.7, 850.7, 1.8);
(369018.5, 3859238.3, 850.8, 850.8, 1.8); (369008.6, 3859238.6, 850.8, 850.8, 1.8);
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(368979.0, 3859239.4, 850.8, 850.8, 1.8); (368969.0, 3859239.6, 850.8, 850.8, 1.8);

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(368959.2, 3859239.9, 850.8, 850.8, 1.8); (368949.3, 3859240.2, 850.8, 850.8, 1.8);
(368939.4, 3859240.4, 850.8, 850.8, 1.8); (368929.5, 3859240.7, 850.8, 850.8, 1.8);
(368919.6, 3859240.9, 850.8, 850.8, 1.8); (368909.7, 3859241.2, 850.8, 850.8, 1.8);
(368899.8, 3859241.5, 850.9, 850.9, 1.8); (368889.9, 3859241.7, 850.9, 850.9, 1.8);
(368879.5, 3859232.1, 850.5, 850.5, 1.8); (368879.0, 3859222.2, 850.2, 850.2, 1.8);
(368878.5, 3859212.3, 850.0, 850.0, 1.8); (368878.0, 3859202.4, 850.0, 850.0, 1.8);
(368877.5, 3859192.5, 850.0, 850.0, 1.8); (368877.0, 3859182.6, 849.9, 849.9, 1.8);
(368876.5, 3859172.7, 849.6, 849.6, 1.8); (368876.0, 3859162.8, 849.2, 849.2, 1.8);
(368875.5, 3859152.9, 849.0, 849.0, 1.8); (368884.8, 3859142.7, 849.0, 849.0, 1.8);
(368894.5, 3859142.4, 848.9, 848.9, 1.8); (368904.3, 3859142.1, 848.8, 848.8, 1.8);
(368914.0, 3859141.9, 848.6, 848.6, 1.8); (368923.8, 3859141.6, 848.5, 848.5, 1.8);

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    ( 368953.1, 3859140.7,     848.5,     848.5,       1.8);         ( 368962.9,
3859140.4,     848.5,     848.5,       1.8);
    ( 368972.6, 3859140.1,     848.5,     848.5,       1.8);         ( 368982.4,
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    ( 369011.7, 3859139.0,     848.4,     848.4,       1.8);         ( 369021.4,
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    ( 369031.2, 3859138.4,     848.4,     848.4,       1.8);         ( 369041.0,
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    ( 369050.7, 3859137.9,     848.4,     848.4,       1.8);         ( 369060.5,
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    ( 369070.2, 3859137.3,     848.4,     848.4,       1.8);         ( 369079.5,
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    ( 369077.0, 3859077.9,     847.0,     847.0,       1.8);         ( 369076.5,
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    ( 369076.0, 3859058.2,     846.8,     846.8,       1.8);         ( 369075.5,
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    ( 369075.0, 3859038.5,     846.1,     846.1,       1.8);         ( 369074.5,
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    ( 369074.0, 3859018.8,     846.0,     846.0,       1.8);         ( 369073.5,
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    ( 369073.0, 3858999.1,     846.0,     846.0,       1.8);         ( 369072.5,
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    ( 369072.0, 3858979.4,     845.9,     845.9,       1.8);         ( 369071.5,
3858969.5,     845.7,     845.7,       1.8);
    ( 369071.0, 3858959.7,     845.4,     845.4,       1.8);         ( 369070.5,
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    ( 369060.1, 3858940.4,     845.0,     845.0,       1.8);         ( 369050.2,
3858940.8,     845.0,     845.0,       1.8);
    ( 369040.3, 3858941.1,     845.0,     845.0,       1.8);         ( 369030.4,
3858941.5,     845.0,     845.0,       1.8);
    ( 369020.5, 3858941.9,     845.0,     845.0,       1.8);         ( 369010.6,
3858942.3,     845.0,     845.0,       1.8);
    ( 369000.7, 3858942.7,     845.0,     845.0,       1.8);         ( 368990.8,
3858943.0,     845.0,     845.0,       1.8);
    ( 368980.9, 3858943.4,     845.0,     845.0,       1.8);         ( 368971.0,
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    ( 368941.2, 3858944.9,     845.0,     845.0,       1.8);         ( 368931.3,
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    ( 368921.4, 3858945.7,     845.0,     845.0,       1.8);         ( 368911.5,
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    ( 368568.0, 3858750.3,     841.5,     841.5,       1.8);         ( 368558.3,
3858750.4,     841.5,     841.5,       1.8);
    ( 368548.7, 3858750.6,     841.5,     841.5,       1.8);         ( 368539.0,
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    ( 368529.3, 3858750.9,     841.5,     841.5,       1.8);         ( 368519.7,
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    ( 368510.0, 3858751.1,     841.5,     841.5,       1.8);         ( 368500.3,
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    ( 368490.7, 3858751.4,     841.5,     841.5,       1.8);         ( 368481.0,
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    ( 368471.3, 3858751.7,     841.5,     841.5,       1.8);         ( 368461.7,
3858751.9,     841.6,     841.6,       1.8);
    ( 368452.3, 3858761.8,     841.9,     841.9,       1.8);         ( 368452.7,
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    ( 368453.1, 3858781.5,     842.5,     842.5,       1.8);         ( 368453.4,
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    ( 368453.8, 3858801.1,     843.0,     843.0,       1.8);         ( 368454.1,
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    ( 368454.5, 3858820.8,     843.0,     843.0,       1.8);         ( 368454.8,
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    ( 368455.2, 3858840.4,     843.5,     843.5,       1.8);         ( 368455.5,
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    ( 368455.9, 3858860.1,     844.0,     844.0,       1.8);         ( 368456.2,
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    ( 368456.6, 3858879.7,     844.0,     844.0,       1.8);         ( 368456.9,
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    ( 368457.3, 3858899.3,     844.4,     844.4,       1.8);         ( 368457.6,
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    ( 368458.0, 3858919.0,     845.1,     845.1,       1.8);         ( 368458.3,
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    ( 368458.7, 3858938.6,     845.8,     845.8,       1.8);         ( 368459.1,
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    ( 368459.4, 3858958.3,     846.0,     846.0,       1.8);         ( 368459.8,
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    ( 368460.1, 3858977.9,     846.1,     846.1,       1.8);         ( 368460.5,
3858987.8,     846.4,     846.4,       1.8);
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3859007.4,     847.0,     847.0,       1.8);
    ( 368461.5, 3859017.2,     847.0,     847.0,       1.8);         ( 368461.9,
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    ( 368462.2, 3859036.9,     847.0,     847.0,       1.8);         ( 368462.6,
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    ( 368462.9, 3859056.5,     847.7,     847.7,       1.8);         ( 368463.3,
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    ( 368463.6, 3859076.2,     848.0,     848.0,       1.8);         ( 368464.0,
3859086.0,     848.0,     848.0,       1.8);
```

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL ADJ_U*

                                        *** 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 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 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.

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: C:\Users\aideris\OneDrive - TRC\Documents\EUSIMOD\OneDrive_1_10-23-2025\OneDrive Met Version: 19191
Profile file: C:\Users\aideris\OneDrive - TRC\Documents\EUSIMOD\OneDrive_1_10-23-2025\OneDrive
Surface format: FREE

Profile format: FREE

Surface station no.: 23114 Upper air station no.: 3190
Name: EDWARDS AIR FORCE BASE, CA Name: UNKNOWN

Year: 2012 Year: 2012

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
12	01	01	1	01	-23.3	0.242	-9.000	-9.000	-999.	286.	64.4	0.02	4.97	1.00	3.86	231.	10.0	273.9	2.0
12	01	01	1	02	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.05	4.97	1.00	0.00	0.	10.0	273.1	2.0
12	01	01	1	03	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.05	4.97	1.00	0.00	0.	10.0	272.8	2.0
12	01	01	1	04	-15.1	0.171	-9.000	-9.000	-999.	169.	32.0	0.06	4.97	1.00	2.36	343.	10.0	271.9	2.0
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.05	4.97	1.00	0.00	0.	10.0	269.9	2.0
12	01	01	1	06	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.05	4.97	1.00	0.00	0.	10.0	271.4	2.0

```
 12 01 01   1 07 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.05   4.97
1.00    0.00    0.   10.0  268.5    2.0
 12 01 01   1 08   -5.8  0.105 -9.000 -9.000 -999.   82.     16.9  0.02   4.97
0.59    1.76  233.   10.0  271.8    2.0
 12 01 01   1 09   28.2 -9.000 -9.000 -9.000   33. -999. -99999.0  0.05   4.97
0.36    0.00    0.   10.0  276.4    2.0
 12 01 01   1 10  104.2  0.174  0.709  0.008  115.  174.     -4.3  0.04   4.97
0.28    1.76  171.   10.0  279.2    2.0
 12 01 01   1 11  158.0 -9.000 -9.000 -9.000  331. -999. -99999.0  0.05   4.97
0.25    0.00    0.   10.0  282.8    2.0
 12 01 01   1 12  185.0 -9.000 -9.000 -9.000  630. -999. -99999.0  0.05   4.97
0.25    0.00    0.   10.0  285.6    2.0
 12 01 01   1 13  183.5 -9.000 -9.000 -9.000 1083. -999. -99999.0  0.05   4.97
0.25    0.00    0.   10.0  287.4    2.0
 12 01 01   1 14  154.6 -9.000 -9.000 -9.000 1398. -999. -99999.0  0.05   4.97
0.26    0.00    0.   10.0  289.8    2.0
 12 01 01   1 15   98.8  0.232  1.648  0.005 1524.  268.    -10.6  0.06   4.97
0.29    2.36  352.   10.0  291.4    2.0
 12 01 01   1 16   20.8 -9.000 -9.000 -9.000 1546. -999. -99999.0  0.05   4.97
0.38    0.00    0.   10.0  291.2    2.0
 12 01 01   1 17 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.05   4.97
0.66    0.00    0.   10.0  288.8    2.0
 12 01 01   1 18 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.05   4.97
1.00    0.00    0.   10.0  284.4    2.0
 12 01 01   1 19   -8.9  0.132 -9.000 -9.000 -999.  115.     21.7  0.08   4.97
1.00    1.76   14.   10.0  280.4    2.0
 12 01 01   1 20 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.05   4.97
1.00    0.00    0.   10.0  279.6    2.0
 12 01 01   1 21   -7.1  0.113 -9.000 -9.000 -999.   91.     17.3  0.04   4.97
1.00    1.76  150.   10.0  275.2    2.0
 12 01 01   1 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.05   4.97
1.00    0.00    0.   10.0  275.4    2.0
 12 01 01   1 23   -6.3  0.105 -9.000 -9.000 -999.   81.     15.3  0.02   4.97
1.00    1.76  230.   10.0  274.0    2.0
 12 01 01   1 24  -22.8  0.235 -9.000 -9.000 -999.  273.     60.6  0.04   4.97
1.00    3.36  240.   10.0  272.4    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01   10.0 1  231.    3.86   273.9   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 24142  ***   ***
C:\Users\DWaymire\Documents\AERMOD\Euismod2\Euismod2.isc             ***
06/08/26
 *** AERMET - VERSION  19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
HRA                          ***        18:18:49
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL ADJ_U*

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
367605.00	3858265.00	0.08184	367605.00	3858290.00	0.08514
367605.00	3858315.00	0.08864	367605.00	3858340.00	0.09235
367605.00	3858365.00	0.09612	367605.00	3858390.00	0.10017
367605.00	3858415.00	0.10449	367605.00	3858440.00	0.10892
367605.00	3858465.00	0.11390	367605.00	3858490.00	0.11913
367605.00	3858515.00	0.12452	367605.00	3858540.00	0.13041
367605.00	3858565.00	0.13667	367605.00	3858590.00	0.14308
367605.00	3858615.00	0.15041	367605.00	3858640.00	0.15742
367605.00	3858665.00	0.16539	367605.00	3858690.00	0.17382
367605.00	3858715.00	0.18209	367605.00	3858740.00	0.18985
367605.00	3858765.00	0.19835	367605.00	3858790.00	0.20668
367605.00	3858815.00	0.21364	367605.00	3858840.00	0.22050
367605.00	3858865.00	0.22666	367605.00	3858890.00	0.23071
367605.00	3858915.00	0.23465	367605.00	3858940.00	0.23530
367605.00	3858965.00	0.23306	367605.00	3858990.00	0.22977
367605.00	3859015.00	0.22521	367605.00	3859040.00	0.21722
367605.00	3859065.00	0.20349	367605.00		

```
3859090.00        0.18434
         367605.00    3859115.00        0.16683                    367605.00
3859140.00        0.15031
         367605.00    3859165.00        0.13421                    367605.00
3859190.00        0.11904
         367605.00    3859215.00        0.10724                    367605.00
3859240.00        0.09771
         367605.00    3859265.00        0.08972                    367605.00
3859290.00        0.08310
         367605.00    3859315.00        0.07796                    367605.00
3859340.00        0.07391
         367605.00    3859365.00        0.06911                    367605.00
3859390.00        0.06556
         367605.00    3859415.00        0.06108                    367605.00
3859440.00        0.05657
         367605.00    3859465.00        0.05241                    367605.00
3859490.00        0.04862
         367605.00    3859515.00        0.04448                    367605.00
3859540.00        0.04114
         367605.00    3859565.00        0.03822                    367605.00
3859590.00        0.03532
         367605.00    3859615.00        0.03273                    367605.00
3859640.00        0.03073
         367605.00    3859665.00        0.02896                    367605.00
3859690.00        0.02739
         367605.00    3859715.00        0.02569                    367605.00
3859740.00        0.02428
         367605.00    3859765.00        0.02315                    367605.00
3859790.00        0.02207
         367605.00    3859815.00        0.02088                    367605.00
3859840.00        0.02002
         367605.00    3859865.00        0.01923                    367630.00
3858265.00        0.08386
         367630.00    3858290.00        0.08733                    367630.00
3858315.00        0.09105
         367630.00    3858340.00        0.09499                    367630.00
3858365.00        0.09918
         367630.00    3858390.00        0.10362                    367630.00
3858415.00        0.10824
         367630.00    3858440.00        0.11300                    367630.00
3858465.00        0.11837
         367630.00    3858490.00        0.12372                    367630.00
3858515.00        0.12974
         367630.00    3858540.00        0.13631                    367630.00
3858565.00        0.14303
         367630.00    3858590.00        0.14974                    367630.00
3858615.00        0.15787
 *** AERMOD - VERSION 24142  ***   ***
C:\Users\DWaymire\Documents\AERMOD\Euismod2\Euismod2.isc              ***
06/08/26
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL ADJ_U*

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
367630.00	3858640.00	0.16656	367630.00	3858665.00	0.17578
367630.00	3858690.00	0.18547	367630.00	3858715.00	0.19521
367630.00	3858740.00	0.20418	367630.00	3858765.00	0.21439
367630.00	3858790.00	0.22453	367630.00	3858815.00	0.23338
367630.00	3858840.00	0.24220	367630.00	3858865.00	0.25039
367630.00	3858890.00	0.25599	367630.00	3858915.00	0.25970
367630.00	3858940.00	0.26394	367630.00	3858965.00	0.26365
367630.00	3858990.00	0.26163	367630.00	3859015.00	0.25803
367630.00	3859040.00	0.25000	367630.00	3859065.00	0.23469
367630.00	3859090.00	0.21181	367630.00	3859115.00	0.18995
367630.00	3859140.00	0.16769	367630.00	3859165.00	0.14744
367630.00	3859190.00	0.13117	367630.00	3859215.00	0.11753
367630.00	3859240.00	0.10843	367630.00	3859265.00	0.09984
367630.00	3859290.00	0.09238	367630.00	3859315.00	0.08599
367630.00	3859340.00	0.08018	367630.00		

3859365.00 0.07459
367630.00 3859390.00 0.07039 367630.00 3859415.00 0.06528
367630.00 3859440.00 0.06026 367630.00 3859465.00 0.05567
367630.00 3859490.00 0.05148 367630.00 3859515.00 0.04761
367630.00 3859540.00 0.04330 367630.00 3859565.00 0.04003
367630.00 3859590.00 0.03674 367630.00 3859615.00 0.03433
367630.00 3859640.00 0.03218 367630.00 3859665.00 0.03030
367630.00 3859690.00 0.02862 367630.00 3859715.00 0.02682
367630.00 3859740.00 0.02533 367630.00 3859765.00 0.02412
367630.00 3859790.00 0.02297 367630.00 3859815.00 0.02170
367630.00 3859840.00 0.02078 367630.00 3859865.00 0.01992
367655.00 3858265.00 0.08580 367655.00 3858290.00 0.08950
367655.00 3858315.00 0.09342 367655.00 3858340.00 0.09762
367655.00 3858365.00 0.10208 367655.00 3858390.00 0.10684
367655.00 3858415.00 0.11187 367655.00 3858440.00 0.11719
367655.00 3858465.00 0.12263 367655.00 3858490.00 0.12875
367655.00 3858515.00 0.13508 367655.00 3858540.00 0.14205
367655.00 3858565.00 0.14956 367655.00 3858590.00 0.15738
367655.00 3858615.00 0.16643 367655.00 3858640.00 0.17621
367655.00 3858665.00 0.18671 367655.00 3858690.00 0.19786
367655.00 3858715.00 0.20922 367655.00 3858740.00 0.22045
367655.00 3858765.00 0.23277 367655.00 3858790.00 0.24349
367655.00 3858815.00 0.25529 367655.00 3858840.00 0.26730
367655.00 3858865.00 0.27812 367655.00 3858890.00 0.28626
367655.00 3858915.00 0.29235 367655.00 3858940.00 0.29927
367655.00 3858965.00 0.30118 367655.00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                               *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PAREA3   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF DPM   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         367655.00   3859015.00   0.29820   367655.00
3859040.00   0.28844
         367655.00   3859065.00   0.27564   367655.00
3859090.00   0.25213
         367655.00   3859115.00   0.22201   367655.00
3859140.00   0.19330
         367655.00   3859165.00   0.16803   367655.00
3859190.00   0.14595
         367655.00   3859215.00   0.13005   367655.00
3859240.00   0.11982
         367655.00   3859265.00   0.11008   367655.00
3859290.00   0.10144
         367655.00   3859315.00   0.09391   367655.00
3859340.00   0.08726
         367655.00   3859365.00   0.08208   367655.00
3859390.00   0.07586
         367655.00   3859415.00   0.06978   367655.00
3859440.00   0.06482
         367655.00   3859465.00   0.06038   367655.00
3859490.00   0.05546
         367655.00   3859515.00   0.05025   367655.00
3859540.00   0.04554
         367655.00   3859565.00   0.04204   367655.00
3859590.00   0.03908
         367655.00   3859615.00   0.03647   367655.00

3859640.00 0.03418
367655.00 3859665.00 0.03170 367655.00
3859690.00 0.02992
367655.00 3859715.00 0.02827 367655.00
3859740.00 0.02661
367655.00 3859765.00 0.02513 367655.00
3859790.00 0.02395
367655.00 3859815.00 0.02282 367655.00
3859840.00 0.02181
367655.00 3859865.00 0.02072 367680.00
3858265.00 0.08760
367680.00 3858290.00 0.09154 367680.00
3858315.00 0.09569
367680.00 3858340.00 0.10018 367680.00
3858365.00 0.10494
367680.00 3858390.00 0.11003 367680.00
3858415.00 0.11547
367680.00 3858440.00 0.12129 367680.00
3858465.00 0.12735
367680.00 3858490.00 0.13405 367680.00
3858515.00 0.14090
367680.00 3858540.00 0.14849 367680.00
3858565.00 0.15676
367680.00 3858590.00 0.16548 367680.00
3858615.00 0.17556
367680.00 3858640.00 0.18605 367680.00
3858665.00 0.19828
367680.00 3858690.00 0.21102 367680.00
3858715.00 0.22409
367680.00 3858740.00 0.23803 367680.00
3858765.00 0.25281
367680.00 3858790.00 0.26666 367680.00
3858815.00 0.28175
367680.00 3858840.00 0.29553 367680.00
3858865.00 0.30925
367680.00 3858890.00 0.32227 367680.00
3858915.00 0.33181
367680.00 3858940.00 0.33990 367680.00
3858965.00 0.34664
367680.00 3858990.00 0.34965 367680.00
3859015.00 0.34841
367680.00 3859040.00 0.34240 367680.00
3859065.00 0.32687
367680.00 3859090.00 0.30415 367680.00
3859115.00 0.26534
367680.00 3859140.00 0.22620 367680.00
3859165.00 0.19363
367680.00 3859190.00 0.16720 367680.00
3859215.00 0.14809
367680.00 3859240.00 0.13410 367680.00

3859265.00   0.12213
         367680.00   3859290.00   0.11175   367680.00
3859315.00   0.10264
         367680.00   3859340.00   0.09476   367680.00
3859365.00   0.08888

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                                *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   PAREA3   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF DPM   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         367680.00   3859390.00   0.08149   367680.00
3859415.00   0.07456
         367680.00   3859440.00   0.06855   367680.00
3859465.00   0.06315
         367680.00   3859490.00   0.05796   367680.00
3859515.00   0.05294
         367680.00   3859540.00   0.04850   367680.00
3859565.00   0.04436
         367680.00   3859590.00   0.04097   367680.00
3859615.00   0.03819
         367680.00   3859640.00   0.03585   367680.00
3859665.00   0.03409
         367680.00   3859690.00   0.03183   367680.00
3859715.00   0.03004
         367680.00   3859740.00   0.02824   367680.00
3859765.00   0.02660
         367680.00   3859790.00   0.02532   367680.00
3859815.00   0.02414
         367680.00   3859840.00   0.02304   367680.00
3859865.00   0.02195
         367705.00   3858265.00   0.08928   367705.00

3858290.00 0.09341
367705.00 3858315.00 0.09786 367705.00
3858340.00 0.10261
367705.00 3858365.00 0.10770 367705.00
3858390.00 0.11315
367705.00 3858415.00 0.11898 367705.00
3858440.00 0.12524
367705.00 3858465.00 0.13197 367705.00
3858490.00 0.13923
367705.00 3858515.00 0.14687 367705.00
3858540.00 0.15512
367705.00 3858565.00 0.16411 367705.00
3858590.00 0.17405
367705.00 3858615.00 0.18529 367705.00
3858640.00 0.19688
367705.00 3858665.00 0.21056 367705.00
3858690.00 0.22526
367705.00 3858715.00 0.24081 367705.00
3858740.00 0.25757
367705.00 3858765.00 0.27457 367705.00
3858790.00 0.29234
367705.00 3858815.00 0.31136 367705.00
3858840.00 0.33059
367705.00 3858865.00 0.34888 367705.00
3858890.00 0.36331
367705.00 3858915.00 0.37722 367705.00
3858940.00 0.39118
367705.00 3858965.00 0.40500 367705.00
3858990.00 0.41356
367705.00 3859015.00 0.41727 367705.00
3859040.00 0.41835
367705.00 3859065.00 0.40313 367705.00
3859090.00 0.37737
367705.00 3859115.00 0.32892 367705.00
3859140.00 0.27370
367705.00 3859165.00 0.22730 367705.00
3859190.00 0.19342
367705.00 3859215.00 0.16954 367705.00
3859240.00 0.15118
367705.00 3859265.00 0.13599 367705.00
3859290.00 0.12323
367705.00 3859315.00 0.11225 367705.00
3859340.00 0.10284
367705.00 3859365.00 0.09587 367705.00
3859390.00 0.08743
367705.00 3859415.00 0.07963 367705.00
3859440.00 0.07266
367705.00 3859465.00 0.06644 367705.00
3859490.00 0.06084
367705.00 3859515.00 0.05583 367705.00

3859540.00   0.05137
         367705.00   3859565.00   0.04709   367705.00
3859590.00   0.04351
         367705.00   3859615.00   0.04054   367705.00
3859640.00   0.03800
         367705.00   3859665.00   0.03599   367705.00
3859690.00   0.03339
         367705.00   3859715.00   0.03145   367705.00
3859740.00   0.02955

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                               *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PAREA3   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF DPM   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         367705.00   3859765.00   0.02779   367705.00
3859790.00   0.02641
         367705.00   3859815.00   0.02514   367705.00
3859840.00   0.02396
         367705.00   3859865.00   0.02287   367730.00
3858265.00   0.09079
         367730.00   3858290.00   0.09511   367730.00
3858315.00   0.09984
         367730.00   3858340.00   0.10487   367730.00
3858365.00   0.11030
         367730.00   3858390.00   0.11612   367730.00
3858415.00   0.12238
         367730.00   3858440.00   0.12911   367730.00
3858465.00   0.13636
         367730.00   3858490.00   0.14421   367730.00
3858515.00   0.15276
         367730.00   3858540.00   0.16195   367730.00

3858565.00 0.17177
367730.00 3858590.00 0.18305 367730.00
3858615.00 0.19560
367730.00 3858640.00 0.20867 367730.00
3858665.00 0.22390
367730.00 3858690.00 0.24098 367730.00
3858715.00 0.25945
367730.00 3858740.00 0.27893 367730.00
3858765.00 0.29923
367730.00 3858790.00 0.32184 367730.00
3858815.00 0.34527
367730.00 3858840.00 0.37006 367730.00
3858865.00 0.39433
367730.00 3858890.00 0.41311 367730.00
3858915.00 0.43312
367730.00 3858940.00 0.45724 367730.00
3858965.00 0.47913
367730.00 3858990.00 0.49761 367730.00
3859015.00 0.51275
367730.00 3859040.00 0.52340 367730.00
3859065.00 0.51751
367730.00 3859090.00 0.49585 367730.00
3859115.00 0.43748
367730.00 3859140.00 0.35280 367730.00
3859165.00 0.27505
367730.00 3859190.00 0.22509 367730.00
3859215.00 0.19501
367730.00 3859240.00 0.17096 367730.00
3859265.00 0.15173
367730.00 3859290.00 0.13595 367730.00
3859315.00 0.12274
367730.00 3859340.00 0.11167 367730.00
3859365.00 0.10349
367730.00 3859390.00 0.09388 367730.00
3859415.00 0.08517
367730.00 3859440.00 0.07743 367730.00
3859465.00 0.07057
367730.00 3859490.00 0.06446 367730.00
3859515.00 0.05902
367730.00 3859540.00 0.05424 367730.00
3859565.00 0.05003
367730.00 3859590.00 0.04636 367730.00
3859615.00 0.04317
367730.00 3859640.00 0.04039 367730.00
3859665.00 0.03791
367730.00 3859690.00 0.03512 367730.00
3859715.00 0.03304
367730.00 3859740.00 0.03109 367730.00
3859765.00 0.02923
367730.00 3859790.00 0.02764 367730.00

3859815.00   0.02639
         367730.00   3859840.00   0.02501   367730.00
3859865.00   0.02382
         367755.00   3858265.00   0.09211   367755.00
3858290.00   0.09662
         367755.00   3858315.00   0.10156   367755.00
3858340.00   0.10693
         367755.00   3858365.00   0.11265   367755.00
3858390.00   0.11886
         367755.00   3858415.00   0.12557   367755.00
3858440.00   0.13278
         367755.00   3858465.00   0.14062   367755.00
3858490.00   0.14910

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                               *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PAREA3   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF DPM   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

3858840.00 0.41497
367755.00 3858865.00 0.44704 367755.00
3858890.00 0.47818
367755.00 3858915.00 0.50654 367755.00
3858940.00 0.54289
367755.00 3858965.00 0.57438 367755.00
3859090.00 0.71187
367755.00 3859115.00 0.66123 367755.00
3859140.00 0.52178
367755.00 3859165.00 0.35011 367755.00
3859190.00 0.26646
367755.00 3859215.00 0.22664 367755.00
3859240.00 0.19443
367755.00 3859265.00 0.17002 367755.00
3859290.00 0.15072
367755.00 3859315.00 0.13484 367755.00
3859340.00 0.12180
367755.00 3859365.00 0.11222 367755.00
3859390.00 0.10129
367755.00 3859415.00 0.09150 367755.00
3859440.00 0.08290
367755.00 3859465.00 0.07529 367755.00
3859490.00 0.06858
367755.00 3859515.00 0.06270 367755.00
3859540.00 0.05753
367755.00 3859565.00 0.05304 367755.00
3859590.00 0.04924
367755.00 3859615.00 0.04588 367755.00
3859640.00 0.04276
367755.00 3859665.00 0.04011 367755.00
3859690.00 0.03710
367755.00 3859715.00 0.03484 367755.00
3859740.00 0.03290
367755.00 3859765.00 0.03097 367755.00
3859790.00 0.02912
367755.00 3859815.00 0.02794 367755.00
3859840.00 0.02627
367755.00 3859865.00 0.02491 367780.00
3858265.00 0.09331
367780.00 3858290.00 0.09804 367780.00
3858315.00 0.10308
367780.00 3858340.00 0.10869 367780.00
3858365.00 0.11470
367780.00 3858390.00 0.12127 367780.00
3858415.00 0.12842
367780.00 3858440.00 0.13614 367780.00
3858465.00 0.14459
367780.00 3858490.00 0.15374 367780.00
3858515.00 0.16381
367780.00 3858540.00 0.17488 367780.00

3858565.00   0.18718
         367780.00   3858590.00   0.20095   367780.00
3858615.00   0.21644
         367780.00   3858640.00   0.23405   367780.00
3858665.00   0.25422
         367780.00   3858690.00   0.27645   367780.00
3858715.00   0.30137
         367780.00   3858740.00   0.32980   367780.00
3858765.00   0.35912
         367780.00   3858790.00   0.39332   367780.00
3858815.00   0.43102
         367780.00   3858840.00   0.47028   367780.00
3858865.00   0.51045
         367780.00   3858890.00   0.55343   367780.00
3858915.00   0.60426
         367780.00   3858940.00   0.66056   367780.00
3858965.00   0.70952

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                                *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   PAREA3   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF DPM   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         367780.00   3859190.00   0.33597   367780.00
3859215.00   0.27006
         367780.00   3859240.00   0.22495   367780.00
3859265.00   0.19297
         367780.00   3859290.00   0.16874   367780.00
3859315.00   0.14944
         367780.00   3859340.00   0.13384   367780.00
3859365.00   0.12250
         367780.00   3859390.00   0.10997   367780.00

3859415.00 0.09885
367780.00 3859440.00 0.08919 367780.00
3859465.00 0.08073
367780.00 3859490.00 0.07334 367780.00
3859515.00 0.06692
367780.00 3859540.00 0.06135 367780.00
3859565.00 0.05654
367780.00 3859590.00 0.05296 367780.00
3859615.00 0.04950
367780.00 3859640.00 0.04548 367780.00
3859665.00 0.04260
367780.00 3859690.00 0.03934 367780.00
3859715.00 0.03686
367780.00 3859740.00 0.03473 367780.00
3859765.00 0.03278
367780.00 3859790.00 0.03100 367780.00
3859815.00 0.02937
367780.00 3859840.00 0.02787 367780.00
3859865.00 0.02624
367805.00 3858265.00 0.09445 367805.00
3858290.00 0.09923
367805.00 3858315.00 0.10453 367805.00
3858340.00 0.11023
367805.00 3858365.00 0.11646 367805.00
3858390.00 0.12336
367805.00 3858415.00 0.13095 367805.00
3858440.00 0.13921
367805.00 3858465.00 0.14817 367805.00
3858490.00 0.15798
367805.00 3858515.00 0.16889 367805.00
3858540.00 0.18093
367805.00 3858565.00 0.19438 367805.00
3858590.00 0.20954
367805.00 3858615.00 0.22675 367805.00
3858640.00 0.24653
367805.00 3858665.00 0.26943 367805.00
3858690.00 0.29585
367805.00 3858715.00 0.32651 367805.00
3858740.00 0.36113
367805.00 3858765.00 0.39756 367805.00
3858790.00 0.44061
367805.00 3858815.00 0.48657 367805.00
3858840.00 0.53608
367805.00 3858865.00 0.59131 367805.00
3858890.00 0.65604
367805.00 3858915.00 0.73080 367805.00
3858940.00 0.81865
367805.00 3858965.00 0.91376 367805.00
3859190.00 0.45657
367805.00 3859215.00 0.33149 367805.00

3859240.00   0.26417
         367805.00   3859265.00   0.22132   367805.00
3859290.00   0.19038
         367805.00   3859315.00   0.16660   367805.00
3859340.00   0.14790
         367805.00   3859365.00   0.13439   367805.00
3859390.00   0.11986
         367805.00   3859415.00   0.10724   367805.00
3859440.00   0.09632
         367805.00   3859465.00   0.08689   367805.00
3859490.00   0.07876
         367805.00   3859515.00   0.07174   367805.00
3859540.00   0.06570
         367805.00   3859565.00   0.06133   367805.00
3859590.00   0.05728
         367805.00   3859615.00   0.05294   367805.00
3859640.00   0.04857
         367805.00   3859665.00   0.04540   367805.00
3859690.00   0.04242
         367805.00   3859715.00   0.03932   367805.00
3859740.00   0.03674

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                                *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   PAREA3   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF DPM   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         367805.00   3859765.00   0.03462   367805.00
3859790.00   0.03269
         367805.00   3859815.00   0.03093   367805.00
3859840.00   0.02900
         367805.00   3859865.00   0.02747   367830.00

3858265.00 0.09543
367830.00 3858290.00 0.10029 367830.00
3858315.00 0.10574
367830.00 3858340.00 0.11157 367830.00
3858365.00 0.11806
367830.00 3858390.00 0.12520 367830.00
3858415.00 0.13308
367830.00 3858440.00 0.14179 367830.00
3858465.00 0.15126
367830.00 3858490.00 0.16183 367830.00
3858515.00 0.17350
367830.00 3858540.00 0.18653 367830.00
3858565.00 0.20119
367830.00 3858590.00 0.21780 367830.00
3858615.00 0.23684
367830.00 3858640.00 0.25902 367830.00
3858665.00 0.28504
367830.00 3858690.00 0.31594 367830.00
3858715.00 0.35262
367830.00 3858740.00 0.39540 367830.00
3858765.00 0.44294
367830.00 3858790.00 0.49551 367830.00
3858815.00 0.55640
367830.00 3858840.00 0.62399 367830.00
3858865.00 0.70099
367830.00 3858890.00 0.79492 367830.00
3858915.00 0.90047
367830.00 3858940.00 1.04130 367830.00
3858965.00 1.22243
367830.00 3859190.00 0.61372 367830.00
3859215.00 0.42057
367830.00 3859240.00 0.31654 367830.00
3859265.00 0.25682
367830.00 3859290.00 0.21863 367830.00
3859315.00 0.18941
367830.00 3859340.00 0.16432 367830.00
3859365.00 0.14810
367830.00 3859390.00 0.13121 367830.00
3859415.00 0.11674
367830.00 3859440.00 0.10442 367830.00
3859465.00 0.09387
367830.00 3859490.00 0.08490 367830.00
3859515.00 0.07722
367830.00 3859540.00 0.07165 367830.00
3859565.00 0.06648
367830.00 3859590.00 0.06114 367830.00
3859615.00 0.05613
367830.00 3859640.00 0.05198 367830.00
3859665.00 0.04848
367830.00 3859690.00 0.04528 367830.00

3859715.00   0.04179
         367830.00   3859740.00   0.03893   367830.00
3859765.00   0.03661
         367830.00   3859790.00   0.03452   367830.00
3859815.00   0.03264
         367830.00   3859840.00   0.03082   367830.00
3859865.00   0.02928
         367855.00   3858265.00   0.09634   367855.00
3858290.00   0.10134
         367855.00   3858315.00   0.10680   367855.00
3858340.00   0.11274
         367855.00   3858365.00   0.11943   367855.00
3858390.00   0.12676
         367855.00   3858415.00   0.13486   367855.00
3858440.00   0.14394
         367855.00   3858465.00   0.15384   367855.00
3858490.00   0.16507
         367855.00   3858515.00   0.17745   367855.00
3858540.00   0.19145
         367855.00   3858565.00   0.20733   367855.00
3858590.00   0.22538
         367855.00   3858615.00   0.24634   367855.00
3858640.00   0.27121
         367855.00   3858665.00   0.30076   367855.00
3858690.00   0.33658

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                                *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   PAREA3   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF DPM   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         367855.00   3858715.00   0.38040   367855.00

3858740.00 0.43336
367855.00 3858765.00 0.49546 367855.00 3858790.00 0.56552
367855.00 3858815.00 0.64811 367855.00 3858840.00 0.74286
367855.00 3859190.00 0.78894 367855.00 3859215.00 0.53160
367855.00 3859240.00 0.38599 367855.00 3859265.00 0.30252
367855.00 3859290.00 0.25244 367855.00 3859315.00 0.21651
367855.00 3859340.00 0.18600 367855.00 3859365.00 0.16420
367855.00 3859390.00 0.14437 367855.00 3859415.00 0.12768
367855.00 3859440.00 0.11369 367855.00 3859465.00 0.10191
367855.00 3859490.00 0.09213 367855.00 3859515.00 0.08460
367855.00 3859540.00 0.07810 367855.00 3859565.00 0.07193
367855.00 3859590.00 0.06562 367855.00 3859615.00 0.05999
367855.00 3859640.00 0.05569 367855.00 3859665.00 0.05179
367855.00 3859690.00 0.04824 367855.00 3859715.00 0.04473
367855.00 3859740.00 0.04151 367855.00 3859765.00 0.03876
367855.00 3859790.00 0.03651 367855.00 3859815.00 0.03450
367855.00 3859840.00 0.03270 367855.00 3859865.00 0.03108
367880.00 3858265.00 0.09718 367880.00 3858290.00 0.10231
367880.00 3858315.00 0.10777 367880.00 3858340.00 0.11385
367880.00 3858365.00 0.12062 367880.00 3858390.00 0.12807
367880.00 3858415.00 0.13636 367880.00 3858440.00 0.14572
367880.00 3858465.00 0.15595 367880.00 3858490.00 0.16768
367880.00 3858515.00 0.18067 367880.00 3858540.00 0.19551
367880.00 3858565.00 0.21253 367880.00 3858590.00 0.23209
367880.00 3858615.00 0.25496 367880.00 3858640.00 0.28261
367880.00 3858665.00 0.31600 367880.00

3858690.00   0.35746
         367880.00   3858715.00   0.41002   367880.00
3858740.00   0.47665
         367880.00   3858765.00   0.55789   367880.00
3858790.00   0.65526
         367880.00   3858815.00   0.77210   367880.00
3859190.00   0.96280
         367880.00   3859215.00   0.65000   367880.00
3859240.00   0.46935
         367880.00   3859265.00   0.36012   367880.00
3859290.00   0.29381
         367880.00   3859315.00   0.24830   367880.00
3859340.00   0.21176
         367880.00   3859365.00   0.18301   367880.00
3859390.00   0.15959
         367880.00   3859415.00   0.14032   367880.00
3859440.00   0.12436
         367880.00   3859465.00   0.11146   367880.00
3859490.00   0.10123
         367880.00   3859515.00   0.09305   367880.00
3859540.00   0.08556
         367880.00   3859565.00   0.07813   367880.00
3859590.00   0.07112
         367880.00   3859615.00   0.06492   367880.00
3859640.00   0.05969
         367880.00   3859665.00   0.05533   367880.00
3859690.00   0.05141
         367880.00   3859715.00   0.04790   367880.00
3859740.00   0.04445

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                                *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   PAREA3   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF DPM   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)

Y-COORD (M) CONC

367880.00	3859765.00	0.04128	367880.00	3859790.00	0.03865
367880.00	3859815.00	0.03648	367880.00	3859840.00	0.03455
367880.00	3859865.00	0.03280	367905.00	3858265.00	0.09794
367905.00	3858290.00	0.10312	367905.00	3858315.00	0.10863
367905.00	3858340.00	0.11493	367905.00	3858365.00	0.12171
367905.00	3858390.00	0.12919	367905.00	3858415.00	0.13760
367905.00	3858440.00	0.14714	367905.00	3858465.00	0.15772
367905.00	3858490.00	0.16978	367905.00	3858515.00	0.18321
367905.00	3858540.00	0.19868	367905.00	3858565.00	0.21671
367905.00	3858590.00	0.23770	367905.00	3858615.00	0.26232
367905.00	3858640.00	0.29264	367905.00	3858665.00	0.33002
367905.00	3858690.00	0.37777	367905.00	3858715.00	0.44075
367905.00	3858740.00	0.52526	367905.00	3858765.00	0.63587
367905.00	3859190.00	1.10703	367905.00	3859215.00	0.76944
367905.00	3859240.00	0.56148	367905.00	3859265.00	0.42846
367905.00	3859290.00	0.34354	367905.00	3859315.00	0.28472
367905.00	3859340.00	0.23940	367905.00	3859365.00	0.20529
367905.00	3859390.00	0.17737	367905.00	3859415.00	0.15489
367905.00	3859440.00	0.13698	367905.00	3859465.00	0.12310
367905.00	3859490.00	0.11217	367905.00	3859515.00	0.10143
367905.00	3859540.00	0.09391	367905.00	3859565.00	0.08503
367905.00	3859590.00	0.07740	367905.00	3859615.00	0.07070
367905.00	3859640.00	0.06420	367905.00	3859665.00	0.05910
367905.00	3859690.00	0.05478	367905.00		

3859715.00   0.05095
         367905.00   3859740.00   0.04754   367905.00
3859765.00   0.04424
         367905.00   3859790.00   0.04107   367905.00
3859815.00   0.03874
         367905.00   3859840.00   0.03663   367905.00
3859865.00   0.03472
         367930.00   3858265.00   0.09864   367930.00
3858290.00   0.10388
         367930.00   3858315.00   0.10944   367930.00
3858340.00   0.11579
         367930.00   3858365.00   0.12262   367930.00
3858390.00   0.13016
         367930.00   3858415.00   0.13856   367930.00
3858440.00   0.14810
         367930.00   3858465.00   0.15941   367930.00
3858490.00   0.17147
         367930.00   3858515.00   0.18513   367930.00
3858540.00   0.20103
         367930.00   3858565.00   0.21970   367930.00
3858590.00   0.24161
         367930.00   3858615.00   0.26747   367930.00
3858640.00   0.30001
         367930.00   3858665.00   0.34090   367930.00
3858690.00   0.39479
         367930.00   3858715.00   0.46937   367930.00
3858740.00   0.57782
         367930.00   3859190.00   1.22009   367930.00
3859215.00   0.88898
         367930.00   3859240.00   0.66000   367930.00
3859265.00   0.50627
         367930.00   3859290.00   0.39944   367930.00
3859315.00   0.32336

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                                *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   PAREA3   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
367930.00	3859340.00	0.26883	367930.00	3859365.00	0.23165
367930.00	3859390.00	0.19827	367930.00	3859415.00	0.17178
367930.00	3859440.00	0.15261	367930.00	3859465.00	0.13723
367930.00	3859490.00	0.12279	367930.00	3859515.00	0.11063
367930.00	3859540.00	0.10031	367930.00	3859565.00	0.09133
367930.00	3859590.00	0.08345	367930.00	3859615.00	0.07644
367930.00	3859640.00	0.06996	367930.00	3859665.00	0.06315
367930.00	3859690.00	0.05838	367930.00	3859715.00	0.05418
367930.00	3859740.00	0.05046	367930.00	3859765.00	0.04717
367930.00	3859790.00	0.04424	367930.00	3859815.00	0.04165
367930.00	3859840.00	0.03932	367930.00	3859865.00	0.03720
367955.00	3858265.00	0.09949	367955.00	3858290.00	0.10465
367955.00	3858315.00	0.11045	367955.00	3858340.00	0.11665
367955.00	3858365.00	0.12346	367955.00	3858390.00	0.13102
367955.00	3858415.00	0.13957	367955.00	3858440.00	0.14938
367955.00	3858465.00	0.16054	367955.00	3858490.00	0.17270
367955.00	3858515.00	0.18682	367955.00	3858540.00	0.20293
367955.00	3858565.00	0.22165	367955.00	3858590.00	0.24401
367955.00	3858615.00	0.27043	367955.00	3858640.00	0.30421
367955.00	3858665.00	0.34721	367955.00	3858690.00	0.40547
367955.00	3858715.00	0.49110	367955.00	3858740.00	0.63041
367955.00	3859190.00	1.36367	367955.00		

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3859215.00        0.98949
         367955.00    3859240.00        0.76309                        367955.00
3859265.00        0.59425
         367955.00    3859290.00        0.46918                        367955.00
3859315.00        0.37689
         367955.00    3859340.00        0.30860                        367955.00
3859365.00        0.25766
         367955.00    3859390.00        0.22192                        367955.00
3859415.00        0.19142
         367955.00    3859440.00        0.16890                        367955.00
3859465.00        0.15201
         367955.00    3859490.00        0.13701                        367955.00
3859515.00        0.12065
         367955.00    3859540.00        0.10879                        367955.00
3859565.00        0.09863
         367955.00    3859590.00        0.08971                        367955.00
3859615.00        0.08189
         367955.00    3859640.00        0.07495                        367955.00
3859665.00        0.06869
         367955.00    3859690.00        0.06338                        367955.00
3859715.00        0.05793
         367955.00    3859740.00        0.05349                        367955.00
3859765.00        0.04994
         367955.00    3859790.00        0.04680                        367955.00
3859815.00        0.04399
         367955.00    3859840.00        0.04148                        367955.00
3859865.00        0.03920
         367980.00    3858265.00        0.10025                        367980.00
3858290.00        0.10542
         367980.00    3858315.00        0.11130                        367980.00
3858340.00        0.11749
         367980.00    3858365.00        0.12448                        367980.00
3858390.00        0.13216
         367980.00    3858415.00        0.14076                        367980.00
3858440.00        0.15061
         367980.00    3858465.00        0.16148                        367980.00
3858490.00        0.17396
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL
ADJ_U*

                               *** THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     PAREA3      ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
367980.00	3858515.00	0.18803	367980.00	3858540.00	0.20425
367980.00	3858565.00	0.22307	367980.00	3858590.00	0.24507
367980.00	3858615.00	0.27134	367980.00	3858640.00	0.30510
367980.00	3858665.00	0.34808	367980.00	3858690.00	0.40778
367980.00	3858715.00	0.49923	367980.00	3858740.00	0.65836
367980.00	3859190.00	1.52081	367980.00	3859215.00	1.12066
367980.00	3859240.00	0.88141	367980.00	3859265.00	0.69622
367980.00	3859290.00	0.55280	367980.00	3859315.00	0.44177
367980.00	3859340.00	0.35723	367980.00	3859365.00	0.29335
367980.00	3859390.00	0.25026	367980.00	3859415.00	0.21408
367980.00	3859440.00	0.18743	367980.00	3859465.00	0.16766
367980.00	3859490.00	0.15070	367980.00	3859515.00	0.13347
367980.00	3859540.00	0.11803	367980.00	3859565.00	0.10611
367980.00	3859590.00	0.09615	367980.00	3859615.00	0.08745
367980.00	3859640.00	0.07989	367980.00	3859665.00	0.07329
367980.00	3859690.00	0.06752	367980.00	3859715.00	0.06217
367980.00	3859740.00	0.05715	367980.00	3859765.00	0.05285
367980.00	3859790.00	0.04949	367980.00	3859815.00	0.04649
367980.00	3859840.00	0.04435	367980.00	3859865.00	0.04197
368005.00	3858265.00	0.10103	368005.00		

3858290.00   0.10624
         368005.00   3858315.00   0.11218   368005.00
3858340.00   0.11839
         368005.00   3858365.00   0.12549   368005.00
3858390.00   0.13334
         368005.00   3858415.00   0.14202   368005.00
3858440.00   0.15168
         368005.00   3858465.00   0.16238   368005.00
3858490.00   0.17497
         368005.00   3858515.00   0.18888   368005.00
3858540.00   0.20502
         368005.00   3858565.00   0.22372   368005.00
3858590.00   0.24518
         368005.00   3858615.00   0.27128   368005.00
3858640.00   0.30338
         368005.00   3858665.00   0.34469   368005.00
3858690.00   0.40172
         368005.00   3858715.00   0.48736   368005.00
3858740.00   0.63315
         368005.00   3859190.00   1.69676   368005.00
3859215.00   1.27947
         368005.00   3859240.00   1.01507   368005.00
3859265.00   0.81272
         368005.00   3859290.00   0.65445   368005.00
3859315.00   0.52456
         368005.00   3859340.00   0.41743   368005.00
3859365.00   0.33694
         368005.00   3859390.00   0.28365   368005.00
3859415.00   0.24023
         368005.00   3859440.00   0.20835   368005.00
3859465.00   0.18455
         368005.00   3859490.00   0.16454   368005.00
3859515.00   0.14564
         368005.00   3859540.00   0.12873   368005.00
3859565.00   0.11534
         368005.00   3859590.00   0.10410   368005.00
3859615.00   0.09407
         368005.00   3859640.00   0.08515   368005.00
3859665.00   0.07886
         368005.00   3859690.00   0.07261   368005.00
3859715.00   0.06658

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
368005.00	3859740.00	0.06119	368005.00	3859765.00	0.05672
368005.00	3859790.00	0.05308	368005.00	3859815.00	0.04982
368005.00	3859840.00	0.04779	368005.00	3859865.00	0.04524
368030.00	3858265.00	0.10190	368030.00	3858290.00	0.10714
368030.00	3858315.00	0.11315	368030.00	3858340.00	0.11952
368030.00	3858365.00	0.12660	368030.00	3858390.00	0.13453
368030.00	3858415.00	0.14326	368030.00	3858440.00	0.15276
368030.00	3858465.00	0.16356	368030.00	3858490.00	0.17592
368030.00	3858515.00	0.18961	368030.00	3858540.00	0.20552
368030.00	3858565.00	0.22384	368030.00	3858590.00	0.24469
368030.00	3858615.00	0.27025	368030.00	3858640.00	0.29986
368030.00	3858665.00	0.33804	368030.00	3858690.00	0.38875
368030.00	3858715.00	0.45889	368030.00	3858740.00	0.56500
368030.00	3859190.00	1.89817	368030.00	3859215.00	1.49126
368030.00	3859240.00	1.19809	368030.00	3859265.00	0.97698
368030.00	3859290.00	0.79633	368030.00	3859315.00	0.63757
368030.00	3859340.00	0.49727	368030.00	3859365.00	0.39029
368030.00	3859390.00	0.32350	368030.00		

```
3859415.00        0.27052
         368030.00    3859440.00        0.23166                        368030.00
3859465.00        0.20234
         368030.00    3859490.00        0.17793                        368030.00
3859515.00        0.15750
         368030.00    3859540.00        0.13984                        368030.00
3859565.00        0.12510
         368030.00    3859590.00        0.11260                        368030.00
3859615.00        0.10147
         368030.00    3859640.00        0.09162                        368030.00
3859665.00        0.08496
         368030.00    3859690.00        0.07819                        368030.00
3859715.00        0.07153
         368030.00    3859740.00        0.06602                        368030.00
3859765.00        0.06152
         368030.00    3859790.00        0.05753                        368030.00
3859815.00        0.05396
         368030.00    3859840.00        0.05136                        368030.00
3859865.00        0.04850
         368055.00    3858265.00        0.10283                        368055.00
3858290.00        0.10812
         368055.00    3858315.00        0.11419                        368055.00
3858340.00        0.12084
         368055.00    3858365.00        0.12790                        368055.00
3858390.00        0.13576
         368055.00    3858415.00        0.14449                        368055.00
3858440.00        0.15406
         368055.00    3858465.00        0.16506                        368055.00
3858490.00        0.17706
         368055.00    3858515.00        0.19050                        368055.00
3858540.00        0.20602
         368055.00    3858565.00        0.22384                        368055.00
3858590.00        0.24400
         368055.00    3858615.00        0.26807                        368055.00
3858640.00        0.29561
         368055.00    3858665.00        0.32957                        368055.00
3858690.00        0.37218
         368055.00    3858715.00        0.42625                        368055.00
3858740.00        0.49911
         368055.00    3858765.00        0.63033                        368055.00
3858790.00        0.93693
         368055.00    3858815.00        1.38267                        368055.00
3858840.00        1.71476
         368055.00    3858865.00        1.96627                        368055.00
3858890.00        2.20630
 *** AERMOD - VERSION 24142  ***   ***
C:\Users\DWaymire\Documents\AERMOD\Euismod2\Euismod2.isc             ***
06/08/26
 *** AERMET - VERSION  19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
HRA                         ***        18:18:49
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL ADJ_U*

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
368055.00	3858915.00	2.52212	368055.00	3858940.00	2.86659
368055.00	3859190.00	2.23437	368055.00	3859215.00	1.80264
368055.00	3859240.00	1.52606	368055.00	3859265.00	1.26256
368055.00	3859290.00	1.03771	368055.00	3859315.00	0.82719
368055.00	3859340.00	0.62174	368055.00	3859365.00	0.46055
368055.00	3859390.00	0.37117	368055.00	3859415.00	0.30515
368055.00	3859440.00	0.25749	368055.00	3859465.00	0.22128
368055.00	3859490.00	0.19201	368055.00	3859515.00	0.17042
368055.00	3859540.00	0.15122	368055.00	3859565.00	0.13491
368055.00	3859590.00	0.12114	368055.00	3859615.00	0.10945
368055.00	3859640.00	0.09953	368055.00	3859665.00	0.09102
368055.00	3859690.00	0.08365	368055.00	3859715.00	0.07725
368055.00	3859740.00	0.07164	368055.00	3859765.00	0.06679
368055.00	3859790.00	0.06256	368055.00	3859815.00	0.05838
368055.00	3859840.00	0.05480	368055.00	3859865.00	0.05153
368080.00	3858265.00	0.10381	368080.00		

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3858290.00        0.10915
         368080.00    3858315.00        0.11527                    368080.00
3858340.00        0.12197
         368080.00    3858365.00        0.12934                    368080.00
3858390.00        0.13720
         368080.00    3858415.00        0.14584                    368080.00
3858440.00        0.15567
         368080.00    3858465.00        0.16616                    368080.00
3858490.00        0.17850
         368080.00    3858515.00        0.19189                    368080.00
3858540.00        0.20677
         368080.00    3858565.00        0.22389                    368080.00
3858590.00        0.24383
         368080.00    3858615.00        0.26563                    368080.00
3858640.00        0.29202
         368080.00    3858665.00        0.32143                    368080.00
3858690.00        0.35646
         368080.00    3858715.00        0.40007                    368080.00
3858740.00        0.46026
         368080.00    3858765.00        0.56490                    368080.00
3858790.00        0.73065
         368080.00    3858815.00        0.97267                    368080.00
3858840.00        1.23842
         368080.00    3858865.00        1.46815                    368080.00
3858890.00        1.68874
         368080.00    3858915.00        1.94000                    368080.00
3858940.00        2.28927
         368080.00    3859390.00        0.42840                    368080.00
3859415.00        0.34679
         368080.00    3859440.00        0.28746                    368080.00
3859465.00        0.24344
         368080.00    3859490.00        0.21158                    368080.00
3859515.00        0.18395
         368080.00    3859540.00        0.16450                    368080.00
3859565.00        0.14668
         368080.00    3859590.00        0.13131                    368080.00
3859615.00        0.11837
         368080.00    3859640.00        0.10739                    368080.00
3859665.00        0.09804
         368080.00    3859690.00        0.08997                    368080.00
3859715.00        0.08294
         368080.00    3859740.00        0.07682                    368080.00
3859765.00        0.07195
         368080.00    3859790.00        0.06800                    368080.00
3859815.00        0.06237
         368080.00    3859840.00        0.05843                    368080.00
3859865.00        0.05485
         368105.00    3858265.00        0.10489                    368105.00
3858290.00        0.11047
 *** AERMOD - VERSION 24142  ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL ADJ_U*

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
368105.00	3858315.00	0.11633	368105.00	3858340.00	0.12307
368105.00	3858365.00	0.13047	368105.00	3858390.00	0.13857
368105.00	3858415.00	0.14733	368105.00	3858440.00	0.15682
368105.00	3858465.00	0.16774	368105.00	3858490.00	0.17943
368105.00	3858515.00	0.19292	368105.00	3858540.00	0.20779
368105.00	3858565.00	0.22415	368105.00	3858590.00	0.24271
368105.00	3858615.00	0.26430	368105.00	3858640.00	0.28749
368105.00	3858665.00	0.31439	368105.00	3858690.00	0.34455
368105.00	3858715.00	0.38125	368105.00	3858740.00	0.43517
368105.00	3858765.00	0.51968	368105.00	3858790.00	0.63757
368105.00	3858815.00	0.78519	368105.00	3858840.00	0.96512
368105.00	3858865.00	1.15861	368105.00	3858890.00	1.36283
368105.00	3858915.00	1.60417	368105.00	3858940.00	1.97687
368105.00	3859390.00	0.51976	368105.00		

3859415.00 0.39745
368105.00 3859440.00 0.32345 368105.00
3859465.00 0.27153
368105.00 3859490.00 0.23156 368105.00
3859515.00 0.20294
368105.00 3859540.00 0.17798 368105.00
3859565.00 0.15923
368105.00 3859590.00 0.14288 368105.00
3859615.00 0.12843
368105.00 3859640.00 0.11626 368105.00
3859665.00 0.10588
368105.00 3859690.00 0.09696 368105.00
3859715.00 0.08924
368105.00 3859740.00 0.08249 368105.00
3859765.00 0.07666
368105.00 3859790.00 0.07155 368105.00
3859815.00 0.06661
368105.00 3859840.00 0.06231 368105.00
3859865.00 0.05841
368130.00 3858265.00 0.10606 368130.00
3858290.00 0.11156
368130.00 3858315.00 0.11766 368130.00
3858340.00 0.12416
368130.00 3858365.00 0.13151 368130.00
3858390.00 0.13965
368130.00 3858415.00 0.14855 368130.00
3858440.00 0.15822
368130.00 3858465.00 0.16872 368130.00
3858490.00 0.18064
368130.00 3858515.00 0.19370 368130.00
3858540.00 0.20802
368130.00 3858565.00 0.22407 368130.00
3858590.00 0.24230
368130.00 3858615.00 0.26206 368130.00
3858640.00 0.28326
368130.00 3858665.00 0.30785 368130.00
3858690.00 0.33614
368130.00 3858715.00 0.37104 368130.00
3858740.00 0.41942
368130.00 3858765.00 0.48922 368130.00
3858790.00 0.57941
368130.00 3858815.00 0.68589 368130.00
3858840.00 0.82072
368130.00 3858865.00 0.98369 368130.00
3858890.00 1.16834
368130.00 3858915.00 1.39861 368130.00
3858940.00 1.74859
368130.00 3859365.00 1.05419 368130.00
3859390.00 0.65221
368130.00 3859415.00 0.46720 368130.00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                                *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   PAREA3   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF DPM   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

3858465.00 0.16997
368155.00 3858490.00 0.18165 368155.00
3858515.00 0.19463
368155.00 3858540.00 0.20877 368155.00
3858565.00 0.22433
368155.00 3858590.00 0.24178 368155.00
3858615.00 0.26092
368155.00 3858640.00 0.28099 368155.00
3858665.00 0.30366
368155.00 3858690.00 0.33090 368155.00
3858715.00 0.36555
368155.00 3858740.00 0.41057 368155.00
3858765.00 0.46845
368155.00 3858790.00 0.54163 368155.00
3858815.00 0.62823
368155.00 3858840.00 0.73470 368155.00
3858865.00 0.86774
368155.00 3858890.00 1.03342 368155.00
3858915.00 1.24813
368155.00 3858940.00 1.58314 368155.00
3859365.00 1.28936
368155.00 3859390.00 0.80036 368155.00
3859415.00 0.55623
368155.00 3859440.00 0.42365 368155.00
3859465.00 0.34218
368155.00 3859490.00 0.28621 368155.00
3859515.00 0.24330
368155.00 3859540.00 0.21189 368155.00
3859565.00 0.18707
368155.00 3859590.00 0.16681 368155.00
3859615.00 0.15008
368155.00 3859640.00 0.13600 368155.00
3859665.00 0.12318
368155.00 3859690.00 0.11222 368155.00
3859715.00 0.10278
368155.00 3859740.00 0.09410 368155.00
3859765.00 0.08643
368155.00 3859790.00 0.08027 368155.00
3859815.00 0.07539
368155.00 3859840.00 0.07029 368155.00
3859865.00 0.06565
368180.00 3858265.00 0.10835 368180.00
3858290.00 0.11392
368180.00 3858315.00 0.11981 368180.00
3858340.00 0.12651
368180.00 3858365.00 0.13372 368180.00
3858390.00 0.14176
368180.00 3858415.00 0.15075 368180.00
3858440.00 0.16061
368180.00 3858465.00 0.17127 368180.00

3858490.00   0.18282
         368180.00   3858515.00   0.19573   368180.00
3858540.00   0.20990
         368180.00   3858565.00   0.22521   368180.00
3858590.00   0.24180
         368180.00   3858615.00   0.26052   368180.00
3858640.00   0.28060

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                                *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   PAREA3   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF DPM   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         368180.00   3858665.00   0.30264   368180.00
3858690.00   0.32956
         368180.00   3858715.00   0.36365   368180.00
3858740.00   0.40558
         368180.00   3858765.00   0.45608   368180.00
3858790.00   0.51840
         368180.00   3858815.00   0.59101   368180.00
3858840.00   0.67797
         368180.00   3858865.00   0.78691   368180.00
3858890.00   0.92897
         368180.00   3858915.00   1.12560   368180.00
3858940.00   1.44281
         368180.00   3859365.00   1.52285   368180.00
3859390.00   0.94263
         368180.00   3859415.00   0.65358   368180.00
3859440.00   0.48728
         368180.00   3859465.00   0.38539   368180.00
3859490.00   0.31813
         368180.00   3859515.00   0.26777   368180.00

3859540.00 0.23105
368180.00 3859565.00 0.20298 368180.00
3859590.00 0.18008
368180.00 3859615.00 0.16124 368180.00
3859640.00 0.14571
368180.00 3859665.00 0.13149 368180.00
3859690.00 0.11937
368180.00 3859715.00 0.10902 368180.00
3859740.00 0.09943
368180.00 3859765.00 0.09096 368180.00
3859790.00 0.08428
368180.00 3859815.00 0.07912 368180.00
3859840.00 0.07410
368180.00 3859865.00 0.06922 368205.00
3858265.00 0.10925
368205.00 3858290.00 0.11511 368205.00
3858315.00 0.12109
368205.00 3858340.00 0.12758 368205.00
3858365.00 0.13503
368205.00 3858390.00 0.14331 368205.00
3858415.00 0.15236
368205.00 3858440.00 0.16214 368205.00
3858465.00 0.17252
368205.00 3858490.00 0.18453 368205.00
3858515.00 0.19712
368205.00 3858540.00 0.21113 368205.00
3858565.00 0.22663
368205.00 3858590.00 0.24308 368205.00
3858615.00 0.26083
368205.00 3858640.00 0.28189 368205.00
3858665.00 0.30473
368205.00 3858690.00 0.33227 368205.00
3858715.00 0.36543
368205.00 3858740.00 0.40370 368205.00
3858765.00 0.45099
368205.00 3858790.00 0.50519 368205.00
3858815.00 0.56585
368205.00 3858840.00 0.63924 368205.00
3858865.00 0.72993
368205.00 3858890.00 0.84434 368205.00
3858915.00 1.01492
368205.00 3858940.00 1.29610 368205.00
3859365.00 1.67814
368205.00 3859390.00 1.08276 368205.00
3859415.00 0.74855
368205.00 3859440.00 0.55674 368205.00
3859465.00 0.43484
368205.00 3859490.00 0.35118 368205.00
3859515.00 0.29313
368205.00 3859540.00 0.25249 368205.00

3859565.00   0.21897
         368205.00   3859590.00   0.19343   368205.00
3859615.00   0.17280
         368205.00   3859640.00   0.15431   368205.00
3859665.00   0.13911
         368205.00   3859690.00   0.12589   368205.00
3859715.00   0.11463
         368205.00   3859740.00   0.10493   368205.00
3859765.00   0.09643
         368205.00   3859790.00   0.08895   368205.00
3859815.00   0.08231

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                                *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   PAREA3   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF DPM   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         368205.00   3859840.00   0.07751   368205.00
3859865.00   0.07259
         368230.00   3858265.00   0.11026   368230.00
3858290.00   0.11625
         368230.00   3858315.00   0.12236   368230.00
3858340.00   0.12897
         368230.00   3858365.00   0.13656   368230.00
3858390.00   0.14497
         368230.00   3858415.00   0.15395   368230.00
3858440.00   0.16348
         368230.00   3858465.00   0.17451   368230.00
3858490.00   0.18662
         368230.00   3858515.00   0.19926   368230.00
3858540.00   0.21288
         368230.00   3858565.00   0.22813   368230.00

3858590.00 0.24543
368230.00 3858615.00 0.26355 368230.00
3858640.00 0.28533
368230.00 3858665.00 0.30928 368230.00
3858690.00 0.33770
368230.00 3858715.00 0.37075 368230.00
3858740.00 0.40741
368230.00 3858765.00 0.45113 368230.00
3858790.00 0.49708
368230.00 3858815.00 0.55147 368230.00
3858840.00 0.61531
368230.00 3858865.00 0.69035 368230.00
3858890.00 0.78202
368230.00 3858915.00 0.90944 368230.00
3858940.00 1.13008
368230.00 3859365.00 1.76660 368230.00
3859390.00 1.17309
368230.00 3859415.00 0.84503 368230.00
3859440.00 0.62624
368230.00 3859465.00 0.48328 368230.00
3859490.00 0.38766
368230.00 3859515.00 0.32416 368230.00
3859540.00 0.27346
368230.00 3859565.00 0.23472 368230.00
3859590.00 0.20603
368230.00 3859615.00 0.18307 368230.00
3859640.00 0.16308
368230.00 3859665.00 0.14829 368230.00
3859690.00 0.13384
368230.00 3859715.00 0.12156 368230.00
3859740.00 0.11103
368230.00 3859765.00 0.10185 368230.00
3859790.00 0.09374
368230.00 3859815.00 0.08657 368230.00
3859840.00 0.08021
368230.00 3859865.00 0.07555 368255.00
3858265.00 0.11107
368255.00 3858290.00 0.11694 368255.00
3858315.00 0.12358
368255.00 3858340.00 0.13035 368255.00
3858365.00 0.13811
368255.00 3858390.00 0.14641 368255.00
3858415.00 0.15540
368255.00 3858440.00 0.16553 368255.00
3858465.00 0.17672
368255.00 3858490.00 0.18831 368255.00
3858515.00 0.20145
368255.00 3858540.00 0.21556 368255.00
3858565.00 0.23108
368255.00 3858590.00 0.24884 368255.00

3858615.00   0.26777
         368255.00   3858640.00   0.28957   368255.00
3858665.00   0.31560
         368255.00   3858690.00   0.34496   368255.00
3858715.00   0.37782
         368255.00   3858740.00   0.41526   368255.00
3858765.00   0.45668
         368255.00   3858790.00   0.49881   368255.00
3858815.00   0.54745
         368255.00   3858840.00   0.60281   368255.00
3858865.00   0.66548
         368255.00   3858890.00   0.73889   368255.00
3858915.00   0.83569
         368255.00   3858940.00   0.97799   368255.00
3859365.00   1.82928

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                                *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   PAREA3   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF DPM   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         368255.00   3859390.00   1.26155   368255.00
3859415.00   0.91757
         368255.00   3859440.00   0.68546   368255.00
3859465.00   0.53376
         368255.00   3859490.00   0.43024   368255.00
3859515.00   0.35278
         368255.00   3859540.00   0.29520   368255.00
3859565.00   0.25149
         368255.00   3859590.00   0.21926   368255.00
3859615.00   0.19368
         368255.00   3859640.00   0.17168   368255.00

3859665.00 0.15547
368255.00 3859690.00 0.13815 368255.00
3859715.00 0.12468
368255.00 3859740.00 0.11442 368255.00
3859765.00 0.10559
368255.00 3859790.00 0.09696 368255.00
3859815.00 0.08935
368255.00 3859840.00 0.08380 368255.00
3859865.00 0.07899
368280.00 3858265.00 0.11189 368280.00
3858290.00 0.11786
368280.00 3858315.00 0.12473 368280.00
3858340.00 0.13167
368280.00 3858365.00 0.13962 368280.00
3858390.00 0.14806
368280.00 3858415.00 0.15721 368280.00
3858440.00 0.16764
368280.00 3858465.00 0.17905 368280.00
3858490.00 0.19075
368280.00 3858515.00 0.20422 368280.00
3858540.00 0.21873
368280.00 3858565.00 0.23476 368280.00
3858590.00 0.25335
368280.00 3858615.00 0.27350 368280.00
3858640.00 0.29774
368280.00 3858665.00 0.32520 368280.00
3858690.00 0.35649
368280.00 3858715.00 0.39098 368280.00
3858740.00 0.42761
368280.00 3858765.00 0.46800 368280.00
3858790.00 0.50769
368280.00 3858815.00 0.55235 368280.00
3858840.00 0.59994
368280.00 3858865.00 0.65235 368280.00
3858890.00 0.71512
368280.00 3858915.00 0.79130 368280.00
3858940.00 0.89881
368280.00 3858965.00 1.07655 368280.00
3858990.00 1.31519
368280.00 3859015.00 1.59753 368280.00
3859040.00 1.86119
368280.00 3859065.00 2.04025 368280.00
3859090.00 2.21201
368280.00 3859115.00 2.32974 368280.00
3859140.00 2.42567
368280.00 3859165.00 2.51462 368280.00
3859190.00 2.58368
368280.00 3859215.00 2.67233 368280.00
3859240.00 2.82545
368280.00 3859365.00 1.86991 368280.00

3859390.00   1.31824
         368280.00   3859415.00   0.97523   368280.00
3859440.00   0.74868
         368280.00   3859465.00   0.58533   368280.00
3859490.00   0.46933
         368280.00   3859515.00   0.38304   368280.00
3859540.00   0.31872
         368280.00   3859565.00   0.27188   368280.00
3859590.00   0.23516
         368280.00   3859615.00   0.20591   368280.00
3859640.00   0.18249
         368280.00   3859665.00   0.16119   368280.00
3859690.00   0.14376
         368280.00   3859715.00   0.12961   368280.00
3859740.00   0.11875
         368280.00   3859765.00   0.10989   368280.00
3859790.00   0.10145
         368280.00   3859815.00   0.09221   368280.00
3859840.00   0.08742

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                                *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   PAREA3   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF DPM   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         368280.00   3859865.00   0.08171   368305.00
3858265.00   0.11260
         368305.00   3858290.00   0.11871   368305.00
3858315.00   0.12574
         368305.00   3858340.00   0.13285   368305.00
3858365.00   0.14098
         368305.00   3858390.00   0.14962   368305.00

3858415.00 0.15899
368305.00 3858440.00 0.16961 368305.00
3858465.00 0.18089
368305.00 3858490.00 0.19329 368305.00
3858515.00 0.20727
368305.00 3858540.00 0.22233 368305.00
3858565.00 0.23917
368305.00 3858590.00 0.25892 368305.00
3858615.00 0.28063
368305.00 3858640.00 0.30650 368305.00
3858665.00 0.33639
368305.00 3858690.00 0.37061 368305.00
3858715.00 0.40758
368305.00 3858740.00 0.44509 368305.00
3858765.00 0.48587
368305.00 3858790.00 0.52458 368305.00
3858815.00 0.56696
368305.00 3858840.00 0.60977 368305.00
3858865.00 0.65562
368305.00 3858890.00 0.71080 368305.00
3858915.00 0.77513
368305.00 3858940.00 0.86339 368305.00
3858965.00 0.98910
368305.00 3858990.00 1.13517 368305.00
3859015.00 1.30656
368305.00 3859040.00 1.49436 368305.00
3859065.00 1.64496
368305.00 3859090.00 1.78524 368305.00
3859115.00 1.89189
368305.00 3859140.00 1.97689 368305.00
3859165.00 2.05442
368305.00 3859190.00 2.13111 368305.00
3859215.00 2.24206
368305.00 3859240.00 2.42073 368305.00
3859365.00 1.91697
368305.00 3859390.00 1.36109 368305.00
3859415.00 1.02763
368305.00 3859440.00 0.80078 368305.00
3859465.00 0.63596
368305.00 3859490.00 0.50718 368305.00
3859515.00 0.41428
368305.00 3859540.00 0.34385 368305.00
3859565.00 0.29292
368305.00 3859590.00 0.25184 368305.00
3859615.00 0.21846
368305.00 3859640.00 0.19206 368305.00
3859665.00 0.16868
368305.00 3859690.00 0.15171 368305.00
3859715.00 0.13670
368305.00 3859740.00 0.12425 368305.00

3859765.00   0.11458
         368305.00   3859790.00   0.10685   368305.00
3859815.00   0.09806
         368305.00   3859840.00   0.09168   368305.00
3859865.00   0.08493
         368330.00   3858265.00   0.11317   368330.00
3858290.00   0.11938
         368330.00   3858315.00   0.12654   368330.00
3858340.00   0.13380
         368330.00   3858365.00   0.14211   368330.00
3858390.00   0.15095
         368330.00   3858415.00   0.16056   368330.00
3858440.00   0.17139
         368330.00   3858465.00   0.18261   368330.00
3858490.00   0.19578
         368330.00   3858515.00   0.21043   368330.00
3858540.00   0.22626
         368330.00   3858565.00   0.24418   368330.00
3858590.00   0.26541
         368330.00   3858615.00   0.28902   368330.00
3858640.00   0.31649
         368330.00   3858665.00   0.34957   368330.00
3858690.00   0.38708

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                                *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   PAREA3   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF DPM   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         368330.00   3858715.00   0.42738   368330.00
3858740.00   0.46888
         368330.00   3858765.00   0.51194   368330.00

3858790.00 0.55141
368330.00 3858815.00 0.59335 368330.00
3858840.00 0.63407
368330.00 3858865.00 0.67632 368330.00
3858890.00 0.72643
368330.00 3858915.00 0.78326 368330.00
3858940.00 0.85844
368330.00 3858965.00 0.95092 368330.00
3858990.00 1.05248
368330.00 3859015.00 1.16589 368330.00
3859040.00 1.29279
368330.00 3859065.00 1.41553 368330.00
3859090.00 1.52761
368330.00 3859115.00 1.62481 368330.00
3859140.00 1.70404
368330.00 3859165.00 1.77790 368330.00
3859190.00 1.85861
368330.00 3859215.00 1.97688 368330.00
3859240.00 2.17842
368330.00 3859365.00 1.93954 368330.00
3859390.00 1.39026
368330.00 3859415.00 1.06648 368330.00
3859440.00 0.84258
368330.00 3859465.00 0.67600 368330.00
3859490.00 0.54333
368330.00 3859515.00 0.44539 368330.00
3859540.00 0.37149
368330.00 3859565.00 0.31485 368330.00
3859590.00 0.26911
368330.00 3859615.00 0.23186 368330.00
3859640.00 0.20224
368330.00 3859665.00 0.17908 368330.00
3859690.00 0.16076
368330.00 3859715.00 0.14498 368330.00
3859740.00 0.13107
368330.00 3859765.00 0.12026 368330.00
3859790.00 0.11254
368330.00 3859815.00 0.10402 368330.00
3859840.00 0.09609
368330.00 3859865.00 0.08826 368355.00
3858265.00 0.11353
368355.00 3858290.00 0.11983 368355.00
3858315.00 0.12710
368355.00 3858340.00 0.13447 368355.00
3858365.00 0.14285
368355.00 3858390.00 0.15189 368355.00
3858415.00 0.16175
368355.00 3858440.00 0.17277 368355.00
3858465.00 0.18449
368355.00 3858490.00 0.19816 368355.00

3858515.00   0.21337
         368355.00   3858540.00   0.23020   368355.00
3858565.00   0.24951
         368355.00   3858590.00   0.27237   368355.00
3858615.00   0.29847
         368355.00   3858640.00   0.32875   368355.00
3858665.00   0.36545
         368355.00   3858690.00   0.40672   368355.00
3858715.00   0.45202
         368355.00   3858740.00   0.50101   368355.00
3858765.00   0.54920
         368355.00   3858790.00   0.59170   368355.00
3858815.00   0.63457
         368355.00   3858840.00   0.67506   368355.00
3858865.00   0.71641
         368355.00   3858890.00   0.76396   368355.00
3858915.00   0.81494
         368355.00   3858940.00   0.88182   368355.00
3858965.00   0.95163
         368355.00   3858990.00   1.02780   368355.00
3859015.00   1.10955
         368355.00   3859040.00   1.19567   368355.00
3859065.00   1.29266
         368355.00   3859090.00   1.37933   368355.00
3859115.00   1.46267
         368355.00   3859140.00   1.53611   368355.00
3859165.00   1.60757

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                                *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   PAREA3   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF DPM   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -

```
- - - -
```

3858890.00   0.82882
         368380.00   3858915.00   0.87520   368380.00
3858940.00   0.93325
         368380.00   3858965.00   0.98924   368380.00
3858990.00   1.04882
         368380.00   3859015.00   1.11046   368380.00
3859040.00   1.17287
         368380.00   3859065.00   1.24564   368380.00
3859090.00   1.31353
         368380.00   3859115.00   1.38332   368380.00
3859140.00   1.44806
         368380.00   3859165.00   1.51356   368380.00
3859190.00   1.59014
         368380.00   3859215.00   1.71058   368380.00
3859240.00   1.93718
         368380.00   3859365.00   1.85668   368380.00
3859390.00   1.40449
         368380.00   3859415.00   1.10907   368380.00
3859440.00   0.90162
         368380.00   3859465.00   0.74264   368380.00
3859490.00   0.60879
         368380.00   3859515.00   0.51109   368380.00
3859540.00   0.42735
         368380.00   3859565.00   0.36006   368380.00
3859590.00   0.30612
         368380.00   3859615.00   0.26411   368380.00
3859640.00   0.23212
         368380.00   3859665.00   0.20610   368380.00
3859690.00   0.18457
         368380.00   3859715.00   0.16496   368380.00
3859740.00   0.14905

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                              *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PAREA3   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF DPM   IN MICROGRAMS/M**3
                    **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
368380.00	3859765.00	0.13621	368380.00	3859790.00	0.12482
368380.00	3859815.00	0.11365	368380.00	3859840.00	0.10381
368380.00	3859865.00	0.09513	368405.00	3858265.00	0.11354
368405.00	3858290.00	0.11988	368405.00	3858315.00	0.12724
368405.00	3858340.00	0.13475	368405.00	3858365.00	0.14294
368405.00	3858390.00	0.15228	368405.00	3858415.00	0.16286
368405.00	3858440.00	0.17444	368405.00	3858465.00	0.18688
368405.00	3858490.00	0.20168	368405.00	3858515.00	0.21790
368405.00	3858540.00	0.23710	368405.00	3858565.00	0.25980
368405.00	3858590.00	0.28613	368405.00	3858615.00	0.31897
368405.00	3858640.00	0.35679	368405.00	3858665.00	0.40404
368405.00	3858690.00	0.46019	368405.00	3858715.00	0.52658
368405.00	3858740.00	0.60358	368405.00	3858765.00	0.67593
368405.00	3858790.00	0.74204	368405.00	3858815.00	0.79251
368405.00	3858840.00	0.83872	368405.00	3858865.00	0.88414
368405.00	3858890.00	0.92686	368405.00	3858915.00	0.97680
368405.00	3858940.00	1.02966	368405.00	3858965.00	1.07597
368405.00	3858990.00	1.12469	368405.00	3859015.00	1.17355
368405.00	3859040.00	1.21984	368405.00	3859065.00	1.27547
368405.00	3859090.00	1.32628	368405.00	3859115.00	1.38213
368405.00	3859140.00	1.43548	368405.00	3859165.00	1.49131
368405.00	3859190.00	1.55911	368405.00	3859215.00	1.67239
368405.00	3859240.00	1.89685	368405.00		

3859365.00   1.83181
         368405.00   3859390.00   1.38760   368405.00
3859415.00   1.11857
         368405.00   3859440.00   0.92443   368405.00
3859465.00   0.76967
         368405.00   3859490.00   0.63667   368405.00
3859515.00   0.53817
         368405.00   3859540.00   0.45230   368405.00
3859565.00   0.38231
         368405.00   3859590.00   0.32751   368405.00
3859615.00   0.28346
         368405.00   3859640.00   0.24680   368405.00
3859665.00   0.21875
         368405.00   3859690.00   0.19542   368405.00
3859715.00   0.17417
         368405.00   3859740.00   0.15687   368405.00
3859765.00   0.14282
         368405.00   3859790.00   0.13037   368405.00
3859815.00   0.11828
         368405.00   3859840.00   0.10769   368405.00
3859865.00   0.09842
         368430.00   3858265.00   0.11311   368430.00
3858290.00   0.11936
         368430.00   3858315.00   0.12633   368430.00
3858340.00   0.13416
         368430.00   3858365.00   0.14245   368430.00
3858390.00   0.15184
         368430.00   3858415.00   0.16239   368430.00
3858440.00   0.17389
         368430.00   3858465.00   0.18710   368430.00
3858490.00   0.20249
         368430.00   3858515.00   0.21953   368430.00
3858540.00   0.23990
         368430.00   3858565.00   0.26420   368430.00
3858590.00   0.29270

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                                *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   PAREA3   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS

***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
368430.00	3858615.00	0.32865	368430.00	3858640.00	0.37090
368430.00	3858665.00	0.42509	368430.00	3858690.00	0.49234
368430.00	3858715.00	0.57717	368430.00	3858740.00	0.68543
368430.00	3858765.00	0.79783	368430.00	3858790.00	0.89272
368430.00	3858815.00	0.95392	368430.00	3858840.00	1.00683
368430.00	3858865.00	1.05620	368430.00	3858890.00	1.09789
368430.00	3858915.00	1.14951	368430.00	3858940.00	1.20076
368430.00	3858965.00	1.23968	368430.00	3858990.00	1.28145
368430.00	3859015.00	1.32231	368430.00	3859040.00	1.35654
368430.00	3859065.00	1.40126	368430.00	3859090.00	1.43657
368430.00	3859115.00	1.47945	368430.00	3859140.00	1.52125
368430.00	3859165.00	1.56229	368430.00	3859190.00	1.61312
368430.00	3859215.00	1.69632	368430.00	3859240.00	1.91134
368430.00	3859365.00	1.81212	368430.00	3859390.00	1.38335
368430.00	3859415.00	1.12922	368430.00	3859440.00	0.94062
368430.00	3859465.00	0.78374	368430.00	3859490.00	0.66180
368430.00	3859515.00	0.55883	368430.00	3859540.00	0.47600
368430.00	3859565.00	0.40480	368430.00	3859590.00	0.34811
368430.00	3859615.00	0.30194	368430.00	3859640.00	0.26264
368430.00	3859665.00	0.23256	368430.00	3859690.00	0.20736
368430.00	3859715.00	0.18434	368430.00		

3859740.00   0.16547
         368430.00   3859765.00   0.15008   368430.00
3859790.00   0.13647
         368430.00   3859815.00   0.12340   368430.00
3859840.00   0.11202
         368430.00   3859865.00   0.10211   368455.00
3858265.00   0.11236
         368455.00   3858290.00   0.11857   368455.00
3858315.00   0.12558
         368455.00   3858340.00   0.13325   368455.00
3858365.00   0.14145
         368455.00   3858390.00   0.15082   368455.00
3858415.00   0.16146
         368455.00   3858440.00   0.17321   368455.00
3858465.00   0.18656
         368455.00   3858490.00   0.20242   368455.00
3858515.00   0.22019
         368455.00   3858540.00   0.24159   368455.00
3858565.00   0.26730
         368455.00   3858590.00   0.29776   368455.00
3858615.00   0.33658
         368455.00   3858640.00   0.38312   368455.00
3858665.00   0.44445
         368455.00   3858690.00   0.52414   368455.00
3858715.00   0.63166
         368455.00   3858740.00   0.78853   368455.00
3858840.00   1.33291
         368455.00   3858865.00   1.38544   368455.00
3858890.00   1.42566
         368455.00   3858915.00   1.47681   368455.00
3858940.00   1.52730
         368455.00   3858965.00   1.55846   368455.00
3858990.00   1.59577
         368455.00   3859015.00   1.63287   368455.00
3859040.00   1.65598
         368455.00   3859065.00   1.69919   368455.00
3859090.00   1.71802
         368455.00   3859115.00   1.75258   368455.00
3859140.00   1.78490

VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
368455.00	3859165.00	1.80348	368455.00	3859190.00	1.83072
368455.00	3859215.00	1.86768	368455.00	3859240.00	2.03797
368455.00	3859365.00	1.77865	368455.00	3859390.00	1.38462
368455.00	3859415.00	1.14304	368455.00	3859440.00	0.95321
368455.00	3859465.00	0.80609	368455.00	3859490.00	0.68775
368455.00	3859515.00	0.58216	368455.00	3859540.00	0.50034
368455.00	3859565.00	0.42767	368455.00	3859590.00	0.36902
368455.00	3859615.00	0.32093	368455.00	3859640.00	0.27948
368455.00	3859665.00	0.24739	368455.00	3859690.00	0.22023
368455.00	3859715.00	0.19527	368455.00	3859740.00	0.17469
368455.00	3859765.00	0.15787	368455.00	3859790.00	0.14306
368455.00	3859815.00	0.12897	368455.00	3859840.00	0.11677
368455.00	3859865.00	0.10620	368480.00	3858265.00	0.11130
368480.00	3858290.00	0.11743	368480.00	3858315.00	0.12441
368480.00	3858340.00	0.13210	368480.00	3858365.00	0.14025
368480.00	3858390.00	0.14943	368480.00	3858415.00	0.15993
368480.00	3858440.00	0.17179	368480.00	3858465.00	0.18523
368480.00	3858490.00	0.20142	368480.00	3858515.00	0.21973
368480.00	3858540.00	0.24189	368480.00		

3858565.00   0.26868
         368480.00   3858590.00   0.30065   368480.00
3858615.00   0.34177
         368480.00   3858640.00   0.39186   368480.00
3858665.00   0.45930
         368480.00   3858690.00   0.55012   368480.00
3858715.00   0.67911
         368480.00   3858740.00   0.88936   368480.00
3859365.00   1.77934
         368480.00   3859390.00   1.40005   368480.00
3859415.00   1.16586
         368480.00   3859440.00   0.98055   368480.00
3859465.00   0.83577
         368480.00   3859490.00   0.71747   368480.00
3859515.00   0.60971
         368480.00   3859540.00   0.52585   368480.00
3859565.00   0.45084
         368480.00   3859590.00   0.39030   368480.00
3859615.00   0.34094
         368480.00   3859640.00   0.29821   368480.00
3859665.00   0.26279
         368480.00   3859690.00   0.23353   368480.00
3859715.00   0.20655
         368480.00   3859740.00   0.18425   368480.00
3859765.00   0.16601
         368480.00   3859790.00   0.15002   368480.00
3859815.00   0.13493
         368480.00   3859840.00   0.12190   368480.00
3859865.00   0.11063
         368505.00   3858265.00   0.10998   368505.00
3858290.00   0.11595
         368505.00   3858315.00   0.12256   368505.00
3858340.00   0.13069
         368505.00   3858365.00   0.13889   368505.00
3858390.00   0.14776
         368505.00   3858415.00   0.15779   368505.00
3858440.00   0.16941
         368505.00   3858465.00   0.18326   368505.00
3858490.00   0.19945
         368505.00   3858515.00   0.21813   368505.00
3858540.00   0.24082
         368505.00   3858565.00   0.26825   368505.00
3858590.00   0.30116

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL ADJ_U*

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
368505.00	3858615.00	0.34376	368505.00	3858640.00	0.39625
368505.00	3858665.00	0.46747	368505.00	3858690.00	0.56590
368505.00	3858715.00	0.71019	368505.00	3858740.00	0.95209
368505.00	3859365.00	1.83902	368505.00	3859390.00	1.44371
368505.00	3859415.00	1.20693	368505.00	3859440.00	1.02160
368505.00	3859465.00	0.87647	368505.00	3859490.00	0.75520
368505.00	3859515.00	0.64125	368505.00	3859540.00	0.55270
368505.00	3859565.00	0.47494	368505.00	3859590.00	0.41208
368505.00	3859615.00	0.36131	368505.00	3859640.00	0.31790
368505.00	3859665.00	0.27791	368505.00	3859690.00	0.24651
368505.00	3859715.00	0.21764	368505.00	3859740.00	0.19379
368505.00	3859765.00	0.17413	368505.00	3859790.00	0.15684
368505.00	3859815.00	0.14115	368505.00	3859840.00	0.12734
368505.00	3859865.00	0.11538	368530.00	3858265.00	0.10843
368530.00	3858290.00	0.11435	368530.00	3858315.00	0.12124
368530.00	3858340.00	0.12883	368530.00	3858365.00	0.13680
368530.00	3858390.00	0.14555	368530.00		

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3858415.00        0.15570
         368530.00    3858440.00        0.16767                    368530.00
3858465.00        0.18090
         368530.00    3858490.00        0.19636                    368530.00
3858515.00        0.21545
         368530.00    3858540.00        0.23859                    368530.00
3858565.00        0.26618
         368530.00    3858590.00        0.29939                    368530.00
3858615.00        0.34256
         368530.00    3858640.00        0.39607                    368530.00
3858665.00        0.46710
         368530.00    3858690.00        0.56862                    368530.00
3858715.00        0.72184
         368530.00    3858740.00        0.97888                    368530.00
3859365.00        1.90948
         368530.00    3859390.00        1.53360                    368530.00
3859415.00        1.28496
         368530.00    3859440.00        1.09047                    368530.00
3859465.00        0.94041
         368530.00    3859490.00        0.81062                    368530.00
3859515.00        0.68196
         368530.00    3859540.00        0.58260                    368530.00
3859565.00        0.50246
         368530.00    3859590.00        0.43558                    368530.00
3859615.00        0.37987
         368530.00    3859640.00        0.33406                    368530.00
3859665.00        0.29177
         368530.00    3859690.00        0.25853                    368530.00
3859715.00        0.22821
         368530.00    3859740.00        0.20316                    368530.00
3859765.00        0.18185
         368530.00    3859790.00        0.16272                    368530.00
3859815.00        0.14765
         368530.00    3859840.00        0.13318                    368530.00
3859865.00        0.12058
         368555.00    3858265.00        0.10674                    368555.00
3858290.00        0.11246
         368555.00    3858315.00        0.11876                    368555.00
3858340.00        0.12616
         368555.00    3858365.00        0.13435                    368555.00
3858390.00        0.14320
         368555.00    3858415.00        0.15303                    368555.00
3858440.00        0.16447
         368555.00    3858465.00        0.17823                    368555.00
3858490.00        0.19360
         368555.00    3858515.00        0.21253                    368555.00
3858540.00        0.23543
 *** AERMOD - VERSION 24142  ***   ***
C:\Users\DWaymire\Documents\AERMOD\Euismod2\Euismod2.isc              ***
06/08/26
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL ADJ_U*

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
368555.00	3858565.00	0.26270	368555.00	3858590.00	0.29549
368555.00	3858615.00	0.33817	368555.00	3858640.00	0.39110
368555.00	3858665.00	0.46147	368555.00	3858690.00	0.56230
368555.00	3858715.00	0.71571	368555.00	3858740.00	0.98105
368555.00	3859365.00	2.06048	368555.00	3859390.00	1.65975
368555.00	3859415.00	1.42062	368555.00	3859440.00	1.22092
368555.00	3859465.00	1.05106	368555.00	3859490.00	0.89369
368555.00	3859515.00	0.74701	368555.00	3859540.00	0.62045
368555.00	3859565.00	0.52425	368555.00	3859590.00	0.45366
368555.00	3859615.00	0.39714	368555.00	3859640.00	0.34869
368555.00	3859665.00	0.30451	368555.00	3859690.00	0.26756
368555.00	3859715.00	0.23770	368555.00	3859740.00	0.21274
368555.00	3859765.00	0.19058	368555.00	3859790.00	0.17034
368555.00	3859815.00	0.15309	368555.00	3859840.00	0.13933
368555.00	3859865.00	0.12638	368580.00		

3858265.00 0.10498
368580.00 3858290.00 0.11055 368580.00
3858315.00 0.11665
368580.00 3858340.00 0.12391 368580.00
3858365.00 0.13171
368580.00 3858390.00 0.14052 368580.00
3858415.00 0.15047
368580.00 3858440.00 0.16170 368580.00
3858465.00 0.17539
368580.00 3858490.00 0.19115 368580.00
3858515.00 0.20942
368580.00 3858540.00 0.23149 368580.00
3858565.00 0.25801
368580.00 3858590.00 0.28970 368580.00
3858615.00 0.33084
368580.00 3858640.00 0.38153 368580.00
3858665.00 0.44867
368580.00 3858690.00 0.54491 368580.00
3858715.00 0.69340
368580.00 3858740.00 0.95897 368580.00
3859490.00 1.09806
368580.00 3859515.00 0.89335 368580.00
3859540.00 0.67976
368580.00 3859565.00 0.55635 368580.00
3859590.00 0.47556
368580.00 3859615.00 0.41319 368580.00
3859640.00 0.36040
368580.00 3859665.00 0.31762 368580.00
3859690.00 0.27925
368580.00 3859715.00 0.24882 368580.00
3859740.00 0.22220
368580.00 3859765.00 0.19889 368580.00
3859790.00 0.17900
368580.00 3859815.00 0.16066 368580.00
3859840.00 0.14523
368580.00 3859865.00 0.13228 368605.00
3858265.00 0.10322
368605.00 3858290.00 0.10866 368605.00
3858315.00 0.11463
368605.00 3858340.00 0.12177 368605.00
3858365.00 0.12930
368605.00 3858390.00 0.13781 368605.00
3858415.00 0.14764
368605.00 3858440.00 0.15898 368605.00
3858465.00 0.17243
368605.00 3858490.00 0.18763 368605.00
3858515.00 0.20547
368605.00 3858540.00 0.22655 368605.00
3858565.00 0.25171
368605.00 3858590.00 0.28226 368605.00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                               *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PAREA3   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF DPM   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         368605.00   3858640.00   0.36787   368605.00
3858665.00   0.42974
         368605.00   3858690.00   0.51775   368605.00
3858715.00   0.65497
         368605.00   3858740.00   0.90723   368605.00
3859565.00   0.60506
         368605.00   3859590.00   0.50246   368605.00
3859615.00   0.43075
         368605.00   3859640.00   0.37577   368605.00
3859665.00   0.33244
         368605.00   3859690.00   0.29258   368605.00
3859715.00   0.26101
         368605.00   3859740.00   0.23288   368605.00
3859765.00   0.20837
         368605.00   3859790.00   0.18812   368605.00
3859815.00   0.16882
         368605.00   3859840.00   0.15199   368605.00
3859865.00   0.13862
         368630.00   3858265.00   0.10150   368630.00
3858290.00   0.10683
         368630.00   3858315.00   0.11268   368630.00
3858340.00   0.11970
         368630.00   3858365.00   0.12710   368630.00
3858390.00   0.13530
         368630.00   3858415.00   0.14486   368630.00

3858440.00 0.15626
368630.00 3858465.00 0.16940 368630.00 3858490.00 0.18372
368630.00 3858515.00 0.20113 368630.00 3858540.00 0.22142
368630.00 3858565.00 0.24521 368630.00 3858590.00 0.27381
368630.00 3858615.00 0.30766 368630.00 3858640.00 0.35186
368630.00 3858665.00 0.40782 368630.00 3858690.00 0.48476
368630.00 3858715.00 0.60184 368630.00 3858740.00 0.81697
368630.00 3859565.00 0.69014 368630.00 3859590.00 0.53730
368630.00 3859615.00 0.45138 368630.00 3859640.00 0.39316
368630.00 3859665.00 0.34567 368630.00 3859690.00 0.30532
368630.00 3859715.00 0.27184 368630.00 3859740.00 0.24277
368630.00 3859765.00 0.21753 368630.00 3859790.00 0.19574
368630.00 3859815.00 0.17561 368630.00 3859840.00 0.15870
368630.00 3859865.00 0.14481 368655.00 3858265.00 0.09986
368655.00 3858290.00 0.10506 368655.00 3858315.00 0.11080
368655.00 3858340.00 0.11769 368655.00 3858365.00 0.12497
368655.00 3858390.00 0.13302 368655.00 3858415.00 0.14238
368655.00 3858440.00 0.15354 368655.00 3858465.00 0.16633
368655.00 3858490.00 0.18015 368655.00 3858515.00 0.19687
368655.00 3858540.00 0.21659 368655.00 3858565.00 0.23925
368655.00 3858590.00 0.26510 368655.00 3858615.00 0.29626
368655.00 3858640.00 0.33550 368655.00 3858665.00 0.38566
368655.00 3858690.00 0.45100 368655.00 3858715.00 0.54388
368655.00 3858740.00 0.69862 368655.00 3859565.00 0.80138
368655.00 3859590.00 0.58868 368655.00 3859615.00 0.47822
368655.00 3859640.00 0.41050 368655.00

3859665.00   0.35623
         368655.00   3859690.00   0.31641   368655.00
3859715.00   0.28043
         368655.00   3859740.00   0.25073   368655.00
3859765.00   0.22519

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                                *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   PAREA3   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF DPM   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

3858690.00 0.41940
368680.00 3858715.00 0.49577 368680.00
3858740.00 0.61354
368680.00 3858765.00 0.81563 368680.00
3859365.00 2.58334
368680.00 3859390.00 2.41564 368680.00
3859565.00 0.87846
368680.00 3859590.00 0.64377 368680.00
3859615.00 0.50906
368680.00 3859640.00 0.42900 368680.00
3859665.00 0.36916
368680.00 3859690.00 0.32678 368680.00
3859715.00 0.28946
368680.00 3859740.00 0.25892 368680.00
3859765.00 0.23269
368680.00 3859790.00 0.20835 368680.00
3859815.00 0.18709
368680.00 3859840.00 0.17045 368680.00
3859865.00 0.15439
368705.00 3858265.00 0.09668 368705.00
3858290.00 0.10163
368705.00 3858315.00 0.10711 368705.00
3858340.00 0.11373
368705.00 3858365.00 0.12071 368705.00
3858390.00 0.12872
368705.00 3858415.00 0.13783 368705.00
3858440.00 0.14790
368705.00 3858465.00 0.15990 368705.00
3858490.00 0.17264
368705.00 3858515.00 0.18787 368705.00
3858540.00 0.20553
368705.00 3858565.00 0.22532 368705.00
3858590.00 0.24742
368705.00 3858615.00 0.27458 368705.00
3858640.00 0.30506
368705.00 3858665.00 0.34414 368705.00
3858690.00 0.39329
368705.00 3858715.00 0.45968 368705.00
3858740.00 0.55970
368705.00 3858765.00 0.70194 368705.00
3858790.00 0.89310
368705.00 3859365.00 2.20626 368705.00
3859390.00 1.96647
368705.00 3859415.00 1.76801 368705.00
3859440.00 1.64065
368705.00 3859465.00 1.52903 368705.00
3859490.00 1.40157
368705.00 3859515.00 1.29005 368705.00
3859540.00 1.09719
368705.00 3859565.00 0.89181 368705.00

3859590.00   0.68572
         368705.00   3859615.00   0.53938   368705.00
3859640.00   0.44547
         368705.00   3859665.00   0.38371   368705.00
3859690.00   0.33466
         368705.00   3859715.00   0.29739   368705.00
3859740.00   0.26703
         368705.00   3859765.00   0.24012   368705.00
3859790.00   0.21524

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                               *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PAREA3   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF DPM   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         368705.00   3859815.00   0.19348   368705.00
3859840.00   0.17639
         368705.00   3859865.00   0.15987   368730.00
3858265.00   0.09507
         368730.00   3858290.00   0.09989   368730.00
3858315.00   0.10522
         368730.00   3858340.00   0.11169   368730.00
3858365.00   0.11849
         368730.00   3858390.00   0.12633   368730.00
3858415.00   0.13520
         368730.00   3858440.00   0.14483   368730.00
3858465.00   0.15637
         368730.00   3858490.00   0.16851   368730.00
3858515.00   0.18294
         368730.00   3858540.00   0.19955   368730.00
3858565.00   0.21798
         368730.00   3858590.00   0.23837   368730.00

3858615.00 0.26340
368730.00 3858640.00 0.29267 368730.00
3858665.00 0.32797
368730.00 3858690.00 0.37365 368730.00
3858715.00 0.43566
368730.00 3858740.00 0.52089 368730.00
3858765.00 0.63059
368730.00 3858790.00 0.76966 368730.00
3858815.00 0.93318
368730.00 3859365.00 2.05401 368730.00
3859390.00 1.74201
368730.00 3859415.00 1.53960 368730.00
3859440.00 1.41894
368730.00 3859465.00 1.31976 368730.00
3859490.00 1.21164
368730.00 3859515.00 1.11216 368730.00
3859540.00 0.97624
368730.00 3859565.00 0.84798 368730.00
3859590.00 0.69958
368730.00 3859615.00 0.56512 368730.00
3859640.00 0.46674
368730.00 3859665.00 0.40013 368730.00
3859690.00 0.34632
368730.00 3859715.00 0.30699 368730.00
3859740.00 0.27422
368730.00 3859765.00 0.24610 368730.00
3859790.00 0.22218
368730.00 3859815.00 0.19997 368730.00
3859840.00 0.18110
368730.00 3859865.00 0.16497 368755.00
3858265.00 0.09343
368755.00 3858290.00 0.09811 368755.00
3858315.00 0.10329
368755.00 3858340.00 0.10958 368755.00
3858365.00 0.11617
368755.00 3858390.00 0.12376 368755.00
3858415.00 0.13231
368755.00 3858440.00 0.14154 368755.00
3858465.00 0.15259
368755.00 3858490.00 0.16408 368755.00
3858515.00 0.17771
368755.00 3858540.00 0.19331 368755.00
3858565.00 0.21052
368755.00 3858590.00 0.22949 368755.00
3858615.00 0.25287
368755.00 3858640.00 0.28091 368755.00
3858665.00 0.31399
368755.00 3858690.00 0.35754 368755.00
3858715.00 0.41578
368755.00 3858740.00 0.48957 368755.00

3858765.00 0.57975
368755.00 3858790.00 0.69153 368755.00 3858815.00 0.82001
368755.00 3858840.00 0.98106 368755.00 3859365.00 2.00251
368755.00 3859390.00 1.63087 368755.00 3859415.00 1.40450
368755.00 3859440.00 1.27669 368755.00 3859465.00 1.17934
368755.00 3859490.00 1.08018 368755.00 3859515.00 0.99249
368755.00 3859540.00 0.88697 368755.00 3859565.00 0.79331
*** AERMOD - VERSION 24142 *** *** C:\Users\DWaymire\Documents\AERMOD\Euismod2\Euismod2.isc *** 06/08/26
*** AERMET - VERSION 19191 *** *** Euismod2: Phase1, Phase2, Combined Phases HRA *** 18:18:49

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL ADJ_U*

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
368755.00	3859590.00	0.68745	368755.00	3859615.00	0.57749
368755.00	3859640.00	0.48481	368755.00	3859665.00	0.41640
368755.00	3859690.00	0.35932	368755.00	3859715.00	0.31742
368755.00	3859740.00	0.28238	368755.00	3859765.00	0.25296
368755.00	3859790.00	0.22902	368755.00	3859815.00	0.20629
368755.00	3859840.00	0.18641	368755.00	3859865.00	0.17032
368780.00	3858265.00	0.09175	368780.00		

3858290.00 0.09631
368780.00 3858315.00 0.10151 368780.00
3858340.00 0.10744
368780.00 3858365.00 0.11375 368780.00
3858390.00 0.12107
368780.00 3858415.00 0.12928 368780.00
3858440.00 0.13809
368780.00 3858465.00 0.14860 368780.00
3858490.00 0.15979
368780.00 3858515.00 0.17246 368780.00
3858540.00 0.18697
368780.00 3858565.00 0.20312 368780.00
3858590.00 0.22096
368780.00 3858615.00 0.24313 368780.00
3858640.00 0.26996
368780.00 3858665.00 0.30185 368780.00
3858690.00 0.34359
368780.00 3858715.00 0.39762 368780.00
3858740.00 0.46301
368780.00 3858765.00 0.54202 368780.00
3858790.00 0.63522
368780.00 3858815.00 0.74244 368780.00
3858840.00 0.87798
368780.00 3858865.00 1.04831 368780.00
3859365.00 1.97462
368780.00 3859390.00 1.57050 368780.00
3859415.00 1.32511
368780.00 3859440.00 1.18473 368780.00
3859465.00 1.08248
368780.00 3859490.00 0.98735 368780.00
3859515.00 0.90830
368780.00 3859540.00 0.82030 368780.00
3859565.00 0.74482
368780.00 3859590.00 0.66374 368780.00
3859615.00 0.57633
368780.00 3859640.00 0.49523 368780.00
3859665.00 0.42980
368780.00 3859690.00 0.37186 368780.00
3859715.00 0.32812
368780.00 3859740.00 0.29137 368780.00
3859765.00 0.26066
368780.00 3859790.00 0.23581 368780.00
3859815.00 0.21244
368780.00 3859840.00 0.19282 368780.00
3859865.00 0.17596
368805.00 3858265.00 0.09001 368805.00
3858290.00 0.09448
368805.00 3858315.00 0.09986 368805.00
3858340.00 0.10528
368805.00 3858365.00 0.11127 368805.00

3858390.00   0.11830
         368805.00   3858415.00   0.12616   368805.00
3858440.00   0.13454
         368805.00   3858465.00   0.14452   368805.00
3858490.00   0.15566
         368805.00   3858515.00   0.16730   368805.00
3858540.00   0.18068
         368805.00   3858565.00   0.19593   368805.00
3858590.00   0.21289
         368805.00   3858615.00   0.23421   368805.00
3858640.00   0.26022
         368805.00   3858665.00   0.29117   368805.00
3858690.00   0.33098
         368805.00   3858715.00   0.38081   368805.00
3858740.00   0.43955
         368805.00   3858765.00   0.51173   368805.00
3858790.00   0.59076
 *** AERMOD - VERSION 24142 ***   ***
C:\Users\DWaymire\Documents\AERMOD\Euismod2\Euismod2.isc   ***
06/08/26
 *** AERMET - VERSION 19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
HRA   ***   18:18:49

                                  PAGE 93
 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                               *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PAREA3   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF DPM   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         368805.00   3858815.00   0.68337   368805.00
3858840.00   0.80124
         368805.00   3858865.00   0.95241   368805.00
3858890.00   1.14762
         368805.00   3859365.00   1.93956   368805.00
3859390.00   1.53182
         368805.00   3859415.00   1.27976   368805.00
3859440.00   1.12684
         368805.00   3859465.00   1.01558   368805.00

3859490.00 0.92119
368805.00 3859515.00 0.84701 368805.00
3859540.00 0.76931
368805.00 3859565.00 0.70438 368805.00
3859590.00 0.63772
368805.00 3859615.00 0.56659 368805.00
3859640.00 0.49771
368805.00 3859665.00 0.43839 368805.00
3859690.00 0.38228
368805.00 3859715.00 0.33815 368805.00
3859740.00 0.30032
368805.00 3859765.00 0.26848 368805.00
3859790.00 0.24269
368805.00 3859815.00 0.21857 368805.00
3859840.00 0.19969
368805.00 3859865.00 0.18163 368830.00
3858265.00 0.08824
368830.00 3858290.00 0.09257 368830.00
3858315.00 0.09778
368830.00 3858340.00 0.10301 368830.00
3858365.00 0.10877
368830.00 3858390.00 0.11550 368830.00
3858415.00 0.12302
368830.00 3858440.00 0.13099 368830.00
3858465.00 0.14044
368830.00 3858490.00 0.15096 368830.00
3858515.00 0.16191
368830.00 3858540.00 0.17456 368830.00
3858565.00 0.18906
368830.00 3858590.00 0.20535 368830.00
3858615.00 0.22603
368830.00 3858640.00 0.25133 368830.00
3858665.00 0.28126
368830.00 3858690.00 0.31892 368830.00
3858715.00 0.36478
368830.00 3858740.00 0.41767 368830.00
3858765.00 0.48197
368830.00 3858790.00 0.55242 368830.00
3858815.00 0.63482
368830.00 3858840.00 0.73956 368830.00
3858865.00 0.87543
368830.00 3858890.00 1.05595 368830.00
3858915.00 1.33836
368830.00 3859365.00 1.91007 368830.00
3859390.00 1.50473
368830.00 3859415.00 1.26627 368830.00
3859440.00 1.09406
368830.00 3859465.00 0.96924 368830.00
3859490.00 0.87357
368830.00 3859515.00 0.80129 368830.00

3859540.00   0.72944
         368830.00   3859565.00   0.67085   368830.00
3859590.00   0.61296
         368830.00   3859615.00   0.55276   368830.00
3859640.00   0.49411
         368830.00   3859665.00   0.44183   368830.00
3859690.00   0.38947
         368830.00   3859715.00   0.34653   368830.00
3859740.00   0.30858
         368830.00   3859765.00   0.27610   368830.00
3859790.00   0.24959
         368830.00   3859815.00   0.22477   368830.00
3859840.00   0.20530
         368830.00   3859865.00   0.18675   368855.00
3858265.00   0.08645
         368855.00   3858290.00   0.09064   368855.00
3858315.00   0.09569
         368855.00   3858340.00   0.10073   368855.00
3858365.00   0.10626
         368855.00   3858390.00   0.11272   368855.00
3858415.00   0.12010

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                                *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   PAREA3   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF DPM   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         368855.00   3858440.00   0.12810   368855.00
3858465.00   0.13642
         368855.00   3858490.00   0.14633   368855.00
3858515.00   0.15667
         368855.00   3858540.00   0.16869   368855.00

3858565.00 0.18259
368855.00 3858590.00 0.19835 368855.00
3858615.00 0.21849
368855.00 3858640.00 0.24171 368855.00
3858665.00 0.27104
368855.00 3858690.00 0.30704 368855.00
3858715.00 0.34920
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3858765.00 0.45160
368855.00 3858790.00 0.51767 368855.00
3858815.00 0.59272
368855.00 3858840.00 0.68719 368855.00
3858865.00 0.81061
368855.00 3858890.00 0.97680 368855.00
3858915.00 1.23787
368855.00 3858940.00 1.67464 368855.00
3859365.00 1.88157
368855.00 3859390.00 1.48181 368855.00
3859415.00 1.24156
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3859465.00 0.93627
368855.00 3859490.00 0.83868 368855.00
3859515.00 0.76652
368855.00 3859540.00 0.69777 368855.00
3859565.00 0.64298
368855.00 3859590.00 0.59062 368855.00
3859615.00 0.53772
368855.00 3859640.00 0.48679 368855.00
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368855.00 3859740.00 0.31555 368855.00
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368855.00 3859790.00 0.25621 368855.00
3859815.00 0.23089
368855.00 3859840.00 0.21093 368855.00
3859865.00 0.19190
368880.00 3858265.00 0.08467 368880.00
3858290.00 0.08872
368880.00 3858315.00 0.09361 368880.00
3858340.00 0.09847
368880.00 3858365.00 0.10377 368880.00
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368880.00 3858415.00 0.11684 368880.00
3858440.00 0.12414
368880.00 3858465.00 0.13240 368880.00
3858490.00 0.14181
368880.00 3858515.00 0.15162 368880.00
3858540.00 0.16311
368880.00 3858565.00 0.17653 368880.00

3858590.00   0.19184
         368880.00   3858615.00   0.21141   368880.00
3858640.00   0.23358
         368880.00   3858665.00   0.26149   368880.00
3858690.00   0.29516
         368880.00   3858715.00   0.33387   368880.00
3858740.00   0.37693
         368880.00   3858765.00   0.42616   368880.00
3858790.00   0.48648
         368880.00   3858815.00   0.55480   368880.00
3858840.00   0.64098
         368880.00   3858865.00   0.75434   368880.00
3858890.00   0.90826
         368880.00   3858915.00   1.15012   368880.00
3858940.00   1.54135
         368880.00   3859165.00   3.47221   368880.00
3859190.00   3.50968
         368880.00   3859215.00   3.66692   368880.00
3859240.00   4.01501
         368880.00   3859365.00   1.84995   368880.00
3859390.00   1.45937
         368880.00   3859415.00   1.21369   368880.00
3859440.00   1.03742
         368880.00   3859465.00   0.91185   368880.00
3859490.00   0.81265

                                *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   PAREA3   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF DPM   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         368880.00   3859515.00   0.73986   368880.00

3859540.00 0.67260
368880.00 3859565.00 0.61663 368880.00
3859590.00 0.56857
368880.00 3859615.00 0.52313 368880.00
3859640.00 0.47780
368880.00 3859665.00 0.43732 368880.00
3859690.00 0.39407
368880.00 3859715.00 0.35642 368880.00
3859740.00 0.32094
368880.00 3859765.00 0.28910 368880.00
3859790.00 0.26228
368880.00 3859815.00 0.23674 368880.00
3859840.00 0.21645
368880.00 3859865.00 0.19705 368905.00
3858265.00 0.08290
368905.00 3858290.00 0.08682 368905.00
3858315.00 0.09155
368905.00 3858340.00 0.09621 368905.00
3858365.00 0.10153
368905.00 3858390.00 0.10738 368905.00
3858415.00 0.11378
368905.00 3858440.00 0.12078 368905.00
3858465.00 0.12846
368905.00 3858490.00 0.13739 368905.00
3858515.00 0.14676
368905.00 3858540.00 0.15782 368905.00
3858565.00 0.17084
368905.00 3858590.00 0.18572 368905.00
3858615.00 0.20464
368905.00 3858640.00 0.22579 368905.00
3858665.00 0.25202
368905.00 3858690.00 0.28263 368905.00
3858715.00 0.31766
368905.00 3858740.00 0.35774 368905.00
3858765.00 0.40234
368905.00 3858790.00 0.45719 368905.00
3858815.00 0.51956
368905.00 3858840.00 0.59879 368905.00
3858865.00 0.70391
368905.00 3858890.00 0.84836 368905.00
3858915.00 1.07884
368905.00 3858940.00 1.45335 368905.00
3859165.00 2.85485
368905.00 3859190.00 2.80765 368905.00
3859215.00 2.96241
368905.00 3859240.00 3.40166 368905.00
3859365.00 1.81612
368905.00 3859390.00 1.43643 368905.00
3859415.00 1.18349
368905.00 3859440.00 1.01716 368905.00

3859465.00   0.89308
         368905.00   3859490.00   0.79300   368905.00
3859515.00   0.71951
         368905.00   3859540.00   0.65290   368905.00
3859565.00   0.59920
         368905.00   3859590.00   0.55306   368905.00
3859615.00   0.50992
         368905.00   3859640.00   0.46853   368905.00
3859665.00   0.43212
         368905.00   3859690.00   0.39283   368905.00
3859715.00   0.35817
         368905.00   3859740.00   0.32470   368905.00
3859765.00   0.29398
         368905.00   3859790.00   0.26761   368905.00
3859815.00   0.24214
         368905.00   3859840.00   0.22170   368905.00
3859865.00   0.20206
         368930.00   3858265.00   0.08115   368930.00
3858290.00   0.08494
         368930.00   3858315.00   0.08950   368930.00
3858340.00   0.09396
         368930.00   3858365.00   0.09924   368930.00
3858390.00   0.10478
         368930.00   3858415.00   0.11077   368930.00
3858440.00   0.11764
         368930.00   3858465.00   0.12457   368930.00
3858490.00   0.13309
         368930.00   3858515.00   0.14209   368930.00
3858540.00   0.15280

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                                *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   PAREA3   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF DPM   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)

Y-COORD (M)	CONC		
368930.00	3858565.00	0.16545	368930.00
3858590.00	0.17987		
368930.00	3858615.00	0.19803	368930.00
3858640.00	0.21801		
368930.00	3858665.00	0.24247	368930.00
3858690.00	0.27051		
368930.00	3858715.00	0.30235	368930.00
3858740.00	0.33887		
368930.00	3858765.00	0.37918	368930.00
3858790.00	0.42899		
368930.00	3858815.00	0.48597	368930.00
3858840.00	0.55898		
368930.00	3858865.00	0.65687	368930.00
3858890.00	0.79323		
368930.00	3858915.00	1.01362	368930.00
3858940.00	1.37154		
368930.00	3859165.00	2.55533	368930.00
3859190.00	2.42967		
368930.00	3859215.00	2.56010	368930.00
3859240.00	3.05190		
368930.00	3859340.00	2.39399	368930.00
3859365.00	1.77827		
368930.00	3859390.00	1.41172	368930.00
3859415.00	1.17646		
368930.00	3859440.00	1.00379	368930.00
3859465.00	0.87770		
368930.00	3859490.00	0.77772	368930.00
3859515.00	0.70391		
368930.00	3859540.00	0.63765	368930.00
3859565.00	0.58663		
368930.00	3859590.00	0.54110	368930.00
3859615.00	0.49906		
368930.00	3859640.00	0.46139	368930.00
3859665.00	0.42639		
368930.00	3859690.00	0.39028	368930.00
3859715.00	0.35835		
368930.00	3859740.00	0.32696	368930.00
3859765.00	0.29768		
368930.00	3859790.00	0.27208	368930.00
3859815.00	0.24694		
368930.00	3859840.00	0.22654	368930.00
3859865.00	0.20679		
368955.00	3858265.00	0.07943	368955.00
3858290.00	0.08308		
368955.00	3858315.00	0.08746	368955.00
3858340.00	0.09171		
368955.00	3858365.00	0.09673	368955.00

3858390.00   0.10198
         368955.00   3858415.00   0.10764   368955.00
3858440.00   0.11417
         368955.00   3858465.00   0.12076   368955.00
3858490.00   0.12894
         368955.00   3858515.00   0.13763   368955.00
3858540.00   0.14803
         368955.00   3858565.00   0.16037   368955.00
3858590.00   0.17441
         368955.00   3858615.00   0.19148   368955.00
3858640.00   0.21020
         368955.00   3858665.00   0.23285   368955.00
3858690.00   0.25919
         368955.00   3858715.00   0.28850   368955.00
3858740.00   0.32035
         368955.00   3858765.00   0.35661   368955.00
3858790.00   0.40165
         368955.00   3858815.00   0.45345   368955.00
3858840.00   0.52040
         368955.00   3858865.00   0.61105   368955.00
3858890.00   0.73855
         368955.00   3858915.00   0.94594   368955.00
3858940.00   1.28829
         368955.00   3859165.00   2.36695   368955.00
3859190.00   2.19897
         368955.00   3859215.00   2.30165   368955.00
3859240.00   2.82229
         368955.00   3859340.00   2.31257   368955.00
3859365.00   1.73305
         368955.00   3859390.00   1.38322   368955.00
3859415.00   1.16158
         368955.00   3859440.00   0.99223   368955.00
3859465.00   0.86398

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                                *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   PAREA3   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
368955.00	3859490.00	0.76515	368955.00	3859515.00	0.69155
368955.00	3859540.00	0.62566	368955.00	3859565.00	0.57487
368955.00	3859590.00	0.53000	368955.00	3859615.00	0.49029
368955.00	3859640.00	0.45601	368955.00	3859665.00	0.42064
368955.00	3859690.00	0.38765	368955.00	3859715.00	0.35764
368955.00	3859740.00	0.32798	368955.00	3859765.00	0.30019
368955.00	3859790.00	0.27558	368955.00	3859815.00	0.25099
368955.00	3859840.00	0.23082	368955.00	3859865.00	0.21110
368980.00	3858265.00	0.07773	368980.00	3858290.00	0.08122
368980.00	3858315.00	0.08541	368980.00	3858340.00	0.08945
368980.00	3858365.00	0.09422	368980.00	3858390.00	0.09919
368980.00	3858415.00	0.10456	368980.00	3858440.00	0.11077
368980.00	3858465.00	0.11707	368980.00	3858490.00	0.12496
368980.00	3858515.00	0.13338	368980.00	3858540.00	0.14347
368980.00	3858565.00	0.15569	368980.00	3858590.00	0.16972
368980.00	3858615.00	0.18498	368980.00	3858640.00	0.20239
368980.00	3858665.00	0.22324	368980.00	3858690.00	0.24723
368980.00	3858715.00	0.27369	368980.00	3858740.00	0.30231
368980.00	3858765.00	0.33476	368980.00	3858790.00	0.37524
368980.00	3858815.00	0.42190	368980.00	3858840.00	0.48251
368980.00	3858865.00	0.56492	368980.00	3858890.00	0.68106
368980.00	3858915.00	0.87128	368980.00		

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3858940.00        1.19426
         368980.00    3859140.00        2.74923                        368980.00
3859165.00        2.21487
         368980.00    3859190.00        2.02619                        368980.00
3859215.00        2.11096
         368980.00    3859340.00        2.21884                        368980.00
3859365.00        1.67817
         368980.00    3859390.00        1.34860                        368980.00
3859415.00        1.13760
         368980.00    3859440.00        0.97512                        368980.00
3859465.00        0.85077
         368980.00    3859490.00        0.75403                        368980.00
3859515.00        0.68122
         368980.00    3859540.00        0.61588                        368980.00
3859565.00        0.56528
         368980.00    3859590.00        0.52080                        368980.00
3859615.00        0.48180
         368980.00    3859640.00        0.44862                        368980.00
3859665.00        0.41490
         368980.00    3859690.00        0.38633                        368980.00
3859715.00        0.35676
         368980.00    3859740.00        0.32786                        368980.00
3859765.00        0.30155
         368980.00    3859790.00        0.27801                        368980.00
3859815.00        0.25418
         368980.00    3859840.00        0.23441                        368980.00
3859865.00        0.21486
         369005.00    3858265.00        0.07605                        369005.00
3858290.00        0.07938
         369005.00    3858315.00        0.08338                        369005.00
3858340.00        0.08720
         369005.00    3858365.00        0.09173                        369005.00
3858390.00        0.09644
         369005.00    3858415.00        0.10154                        369005.00
3858440.00        0.10749
         369005.00    3858465.00        0.11355                        369005.00
3858490.00        0.12119
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL
ADJ_U*

                               *** THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     PAREA3      ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
369005.00	3858515.00	0.12937	369005.00	3858540.00	0.13914
369005.00	3858565.00	0.15057	369005.00	3858590.00	0.16328
369005.00	3858615.00	0.17847	369005.00	3858640.00	0.19566
369005.00	3858665.00	0.21422	369005.00	3858690.00	0.23471
369005.00	3858715.00	0.25805	369005.00	3858740.00	0.28488
369005.00	3858765.00	0.31383	369005.00	3858790.00	0.35001
369005.00	3858815.00	0.39160	369005.00	3858840.00	0.44550
369005.00	3858865.00	0.51822	369005.00	3858890.00	0.61968
369005.00	3858915.00	0.78625	369005.00	3858940.00	1.07679
369005.00	3859140.00	2.60614	369005.00	3859165.00	2.07861
369005.00	3859190.00	1.87667	369005.00	3859215.00	1.93839
369005.00	3859340.00	2.11385	369005.00	3859365.00	1.61293
369005.00	3859390.00	1.30664	369005.00	3859415.00	1.10946
369005.00	3859440.00	0.95606	369005.00	3859465.00	0.83700
369005.00	3859490.00	0.74323	369005.00	3859515.00	0.67180
369005.00	3859540.00	0.60732	369005.00	3859565.00	0.55702
369005.00	3859590.00	0.51282	369005.00	3859615.00	0.47428
369005.00	3859640.00	0.44178	369005.00	3859665.00	0.40924
369005.00	3859690.00	0.37942	369005.00	3859715.00	0.35296
369005.00	3859740.00	0.32675	369005.00		

3859765.00   0.30183
         369005.00   3859790.00   0.27940   369005.00
3859815.00   0.25643
         369005.00   3859840.00   0.23722   369005.00
3859865.00   0.21800
         369030.00   3858265.00   0.07438   369030.00
3858290.00   0.07755
         369030.00   3858315.00   0.08137   369030.00
3858340.00   0.08499
         369030.00   3858365.00   0.08929   369030.00
3858390.00   0.09377
         369030.00   3858415.00   0.09865   369030.00
3858440.00   0.10437
         369030.00   3858465.00   0.11024   369030.00
3858490.00   0.11767
         369030.00   3858515.00   0.12561   369030.00
3858540.00   0.13504
         369030.00   3858565.00   0.14616   369030.00
3858590.00   0.15854
         369030.00   3858615.00   0.17212   369030.00
3858640.00   0.18815
         369030.00   3858665.00   0.20497   369030.00
3858690.00   0.22387
         369030.00   3858715.00   0.24512   369030.00
3858740.00   0.26857
         369030.00   3858765.00   0.29584   369030.00
3858790.00   0.32671
         369030.00   3858815.00   0.36308   369030.00
3858840.00   0.41015
         369030.00   3858865.00   0.47234   369030.00
3858890.00   0.55668
         369030.00   3858915.00   0.69163   369030.00
3858940.00   0.92275
         369030.00   3859140.00   2.44713   369030.00
3859165.00   1.94067
         369030.00   3859190.00   1.72960   369030.00
3859215.00   1.74881
         369030.00   3859340.00   1.99428   369030.00
3859365.00   1.53718
         369030.00   3859390.00   1.25787   369030.00
3859415.00   1.07663

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
369030.00	3859440.00	0.93380	369030.00	3859465.00	0.82117
369030.00	3859490.00	0.73129	369030.00	3859515.00	0.66196
369030.00	3859540.00	0.59887	369030.00	3859565.00	0.54917
369030.00	3859590.00	0.50540	369030.00	3859615.00	0.46729
369030.00	3859640.00	0.43530	369030.00	3859665.00	0.40364
369030.00	3859690.00	0.37447	369030.00	3859715.00	0.34951
369030.00	3859740.00	0.32483	369030.00	3859765.00	0.30120
369030.00	3859790.00	0.27985	369030.00	3859815.00	0.25779
369030.00	3859840.00	0.23924	369030.00	3859865.00	0.22049
369055.00	3858265.00	0.07272	369055.00	3858290.00	0.07574
369055.00	3858315.00	0.07937	369055.00	3858340.00	0.08281
369055.00	3858365.00	0.08691	369055.00	3858390.00	0.09120
369055.00	3858415.00	0.09590	369055.00	3858440.00	0.10144
369055.00	3858465.00	0.10715	369055.00	3858490.00	0.11438
369055.00	3858515.00	0.12239	369055.00	3858540.00	0.13142
369055.00	3858565.00	0.14182	369055.00	3858590.00	0.15366
369055.00	3858615.00	0.16594	369055.00	3858640.00	0.18066
369055.00	3858665.00	0.19596	369055.00		

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3858690.00        0.21328
         369055.00    3858715.00        0.23254                        369055.00
3858740.00        0.25321
         369055.00    3858765.00        0.27820                        369055.00
3858790.00        0.30508
         369055.00    3858815.00        0.33688                        369055.00
3858840.00        0.37753
         369055.00    3858865.00        0.42972                        369055.00
3858890.00        0.49755
         369055.00    3858915.00        0.59985                        369055.00
3858940.00        0.75444
         369055.00    3859140.00        2.24034                        369055.00
3859165.00        1.79204
         369055.00    3859190.00        1.58139                        369055.00
3859215.00        1.53753
         369055.00    3859340.00        1.84321                        369055.00
3859365.00        1.44866
         369055.00    3859390.00        1.20082                        369055.00
3859415.00        1.03736
         369055.00    3859440.00        0.90656                        369055.00
3859465.00        0.80311
         369055.00    3859490.00        0.72025                        369055.00
3859515.00        0.65067
         369055.00    3859540.00        0.58965                        369055.00
3859565.00        0.54112
         369055.00    3859590.00        0.49812                        369055.00
3859615.00        0.46058
         369055.00    3859640.00        0.42911                        369055.00
3859665.00        0.39820
         369055.00    3859690.00        0.37148                        369055.00
3859715.00        0.34657
         369055.00    3859740.00        0.32236                        369055.00
3859765.00        0.29988
         369055.00    3859790.00        0.27956                        369055.00
3859815.00        0.25842
         369055.00    3859840.00        0.24056                        369055.00
3859865.00        0.22237
         369080.00    3858265.00        0.07107                        369080.00
3858290.00        0.07394
         369080.00    3858315.00        0.07741                        369080.00
3858340.00        0.08068
         369080.00    3858365.00        0.08461                        369080.00
3858390.00        0.08874
         369080.00    3858415.00        0.09329                        369080.00
3858440.00        0.09869
 *** AERMOD - VERSION 24142  ***   ***
C:\Users\DWaymire\Documents\AERMOD\Euismod2\Euismod2.isc             ***
06/08/26
 *** AERMET - VERSION  19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
HRA                         ***        18:18:49
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL ADJ_U*

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
369080.00	3858465.00	0.10425	369080.00	3858490.00	0.11128
369080.00	3858515.00	0.11930	369080.00	3858540.00	0.12791
369080.00	3858565.00	0.13749	369080.00	3858590.00	0.14856
369080.00	3858615.00	0.15989	369080.00	3858640.00	0.17340
369080.00	3858665.00	0.18730	369080.00	3858690.00	0.20296
369080.00	3858715.00	0.22033	369080.00	3858740.00	0.23888
369080.00	3858765.00	0.26131	369080.00	3858790.00	0.28521
369080.00	3858815.00	0.31312	369080.00	3858840.00	0.34818
369080.00	3858865.00	0.39197	369080.00	3858890.00	0.44681
369080.00	3858915.00	0.52576	369080.00	3858940.00	0.63809
369080.00	3858965.00	0.83215	369080.00	3858990.00	1.11397
369080.00	3859015.00	1.42325	369080.00	3859040.00	1.66843
369080.00	3859065.00	1.88125	369080.00	3859090.00	1.98335
369080.00	3859115.00	2.01580	369080.00	3859140.00	1.88274
369080.00	3859165.00	1.61940	369080.00	3859190.00	1.43892
369080.00	3859215.00	1.36631	369080.00		

```
3859240.00        1.41506
         369080.00    3859265.00        1.60764                    369080.00
3859290.00        1.79940
         369080.00    3859315.00        1.79709                    369080.00
3859340.00        1.59707
         369080.00    3859365.00        1.33942                    369080.00
3859390.00        1.13447
         369080.00    3859415.00        0.99204                    369080.00
3859440.00        0.87492
         369080.00    3859465.00        0.78161                    369080.00
3859490.00        0.70623
         369080.00    3859515.00        0.63801                    369080.00
3859540.00        0.57966
         369080.00    3859565.00        0.53279                    369080.00
3859590.00        0.49092
         369080.00    3859615.00        0.45418                    369080.00
3859640.00        0.42328
         369080.00    3859665.00        0.39308                    369080.00
3859690.00        0.36834
         369080.00    3859715.00        0.34349                    369080.00
3859740.00        0.31968
         369080.00    3859765.00        0.29818                    369080.00
3859790.00        0.27879
         369080.00    3859815.00        0.25852                    369080.00
3859840.00        0.24135
         369080.00    3859865.00        0.22374                    369105.00
3858265.00        0.06942
         369105.00    3858290.00        0.07215                    369105.00
3858315.00        0.07547
         369105.00    3858340.00        0.07860                    369105.00
3858365.00        0.08232
         369105.00    3858390.00        0.08633                    369105.00
3858415.00        0.09082
         369105.00    3858440.00        0.09608                    369105.00
3858465.00        0.10151
         369105.00    3858490.00        0.10832                    369105.00
3858515.00        0.11593
         369105.00    3858540.00        0.12412                    369105.00
3858565.00        0.13322
         369105.00    3858590.00        0.14353                    369105.00
3858615.00        0.15394
         369105.00    3858640.00        0.16632                    369105.00
3858665.00        0.17894
         369105.00    3858690.00        0.19313                    369105.00
3858715.00        0.20882
         369105.00    3858740.00        0.22547                    369105.00
3858765.00        0.24533
         369105.00    3858790.00        0.26690                    369105.00
3858815.00        0.29158
 *** AERMOD - VERSION 24142  ***   ***
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL ADJ_U*

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
369105.00	3858840.00	0.32202	369105.00	3858865.00	0.35939
369105.00	3858890.00	0.40539	369105.00	3858915.00	0.47103
369105.00	3858940.00	0.56217	369105.00	3858965.00	0.68925
369105.00	3858990.00	0.84979	369105.00	3859015.00	1.04449
369105.00	3859040.00	1.22939	369105.00	3859065.00	1.39702
369105.00	3859090.00	1.49183	369105.00	3859115.00	1.53229
369105.00	3859140.00	1.50565	369105.00	3859165.00	1.41194
369105.00	3859190.00	1.30130	369105.00	3859215.00	1.23941
369105.00	3859240.00	1.23720	369105.00	3859265.00	1.28439
369105.00	3859290.00	1.34910	369105.00	3859315.00	1.36234
369105.00	3859340.00	1.31090	369105.00	3859365.00	1.19958
369105.00	3859390.00	1.05809	369105.00	3859415.00	0.94180
369105.00	3859440.00	0.84004	369105.00	3859465.00	0.75646
369105.00	3859490.00	0.68755	369105.00		

3859515.00 0.62407
369105.00 3859540.00 0.56984 369105.00
3859565.00 0.52452
369105.00 3859590.00 0.48376 369105.00
3859615.00 0.44803
369105.00 3859640.00 0.41783 369105.00
3859665.00 0.38835
369105.00 3859690.00 0.36419 369105.00
3859715.00 0.34005
369105.00 3859740.00 0.31732 369105.00
3859765.00 0.29670
369105.00 3859790.00 0.27776 369105.00
3859815.00 0.25830
369105.00 3859840.00 0.24179 369105.00
3859865.00 0.22476
369130.00 3858265.00 0.06777 369130.00
3858290.00 0.07038
369130.00 3858315.00 0.07357 369130.00
3858340.00 0.07658
369130.00 3858365.00 0.07987 369130.00
3858390.00 0.08380
369130.00 3858415.00 0.08845 369130.00
3858440.00 0.09358
369130.00 3858465.00 0.09887 369130.00
3858490.00 0.10545
369130.00 3858515.00 0.11227 369130.00
3858540.00 0.12006
369130.00 3858565.00 0.12897 369130.00
3858590.00 0.13851
369130.00 3858615.00 0.14805 369130.00
3858640.00 0.15937
369130.00 3858665.00 0.17084 369130.00
3858690.00 0.18371
369130.00 3858715.00 0.19793 369130.00
3858740.00 0.21279
369130.00 3858765.00 0.22940 369130.00
3858790.00 0.24993
369130.00 3858815.00 0.27219 369130.00
3858840.00 0.29906
369130.00 3858865.00 0.33188 369130.00
3858890.00 0.37238
369130.00 3858915.00 0.42979 369130.00
3858940.00 0.50426
369130.00 3858965.00 0.59642 369130.00
3858990.00 0.70382
369130.00 3859015.00 0.82752 369130.00
3859040.00 0.95649
369130.00 3859065.00 1.08257 369130.00
3859090.00 1.16432
369130.00 3859115.00 1.21228 369130.00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                                *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   PAREA3   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF DPM   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

3859790.00 0.27658
369130.00 3859815.00 0.25787 369130.00
3859840.00 0.24198
369130.00 3859865.00 0.22552 369155.00
3858265.00 0.06613
369155.00 3858290.00 0.06863 369155.00
3858315.00 0.07170
369155.00 3858340.00 0.07461 369155.00
3858365.00 0.07781
369155.00 3858390.00 0.08165 369155.00
3858415.00 0.08602
369155.00 3858440.00 0.09069 369155.00
3858465.00 0.09629
369155.00 3858490.00 0.10262 369155.00
3858515.00 0.10908
369155.00 3858540.00 0.11640 369155.00
3858565.00 0.12469
369155.00 3858590.00 0.13349 369155.00
3858615.00 0.14222
369155.00 3858640.00 0.15257 369155.00
3858665.00 0.16300
369155.00 3858690.00 0.17471 369155.00
3858715.00 0.18766
369155.00 3858740.00 0.20118 369155.00
3858765.00 0.21628
369155.00 3858790.00 0.23488 369155.00
3858815.00 0.25498
369155.00 3858840.00 0.27924 369155.00
3858865.00 0.30902
369155.00 3858890.00 0.34588 369155.00
3858915.00 0.39653
369155.00 3858940.00 0.45748 369155.00
3858965.00 0.53056
369155.00 3858990.00 0.60836 369155.00
3859015.00 0.69014
369155.00 3859040.00 0.77860 369155.00
3859065.00 0.86962
369155.00 3859090.00 0.93716 369155.00
3859115.00 0.98700
369155.00 3859140.00 1.01811 369155.00
3859165.00 1.03105
369155.00 3859190.00 1.02693 369155.00
3859215.00 1.01427
369155.00 3859240.00 1.00005 369155.00
3859265.00 0.98139
369155.00 3859290.00 0.95963 369155.00
3859315.00 0.94447
369155.00 3859340.00 0.93674 369155.00
3859365.00 0.91584
369155.00 3859390.00 0.87488 369155.00

3859415.00   0.82143
         369155.00   3859440.00   0.75817   369155.00
3859465.00   0.69801
         369155.00   3859490.00   0.64428   369155.00
3859515.00   0.59188
         369155.00   3859540.00   0.54829   369155.00
3859565.00   0.50654

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                                *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   PAREA3   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF DPM   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         369155.00   3859590.00   0.46997   369155.00
3859615.00   0.43753
         369155.00   3859640.00   0.40711   369155.00
3859665.00   0.37929
         369155.00   3859690.00   0.35644   369155.00
3859715.00   0.33364
         369155.00   3859740.00   0.31325   369155.00
3859765.00   0.29434
         369155.00   3859790.00   0.27528   369155.00
3859815.00   0.25725
         369155.00   3859840.00   0.24195   369155.00
3859865.00   0.22604
         369180.00   3858265.00   0.06450   369180.00
3858290.00   0.06690
         369180.00   3858315.00   0.06987   369180.00
3858340.00   0.07270
         369180.00   3858365.00   0.07582   369180.00
3858390.00   0.07957
         369180.00   3858415.00   0.08380   369180.00

3858440.00 0.08828
369180.00 3858465.00 0.09374 369180.00
3858490.00 0.09936
369180.00 3858515.00 0.10567 369180.00
3858540.00 0.11270
369180.00 3858565.00 0.12019 369180.00
3858590.00 0.12790
369180.00 3858615.00 0.13645 369180.00
3858640.00 0.14532
369180.00 3858665.00 0.15519 369180.00
3858690.00 0.16581
369180.00 3858715.00 0.17745 369180.00
3858740.00 0.19051
369180.00 3858765.00 0.20437 369180.00
3858790.00 0.22141
369180.00 3858815.00 0.23990 369180.00
3858840.00 0.26234
369180.00 3858865.00 0.29001 369180.00
3858890.00 0.32365
369180.00 3858915.00 0.36633 369180.00
3858940.00 0.41822
369180.00 3858965.00 0.47473 369180.00
3858990.00 0.53385
369180.00 3859015.00 0.59428 369180.00
3859040.00 0.65598
369180.00 3859065.00 0.72088 369180.00
3859090.00 0.77492
369180.00 3859115.00 0.82185 369180.00
3859140.00 0.85945
369180.00 3859165.00 0.88710 369180.00
3859190.00 0.90337
369180.00 3859215.00 0.90734 369180.00
3859240.00 0.90000
369180.00 3859265.00 0.88042 369180.00
3859290.00 0.85431
369180.00 3859315.00 0.83298 369180.00
3859340.00 0.82172
369180.00 3859365.00 0.80857 369180.00
3859390.00 0.78987
369180.00 3859415.00 0.75668 369180.00
3859440.00 0.71426
369180.00 3859465.00 0.66640 369180.00
3859490.00 0.61907
369180.00 3859515.00 0.57317 369180.00
3859540.00 0.53395
369180.00 3859565.00 0.49550 369180.00
3859590.00 0.46151
369180.00 3859615.00 0.43083 369180.00
3859640.00 0.40169
369180.00 3859665.00 0.37662 369180.00

3859690.00   0.35282
         369180.00   3859715.00   0.33036   369180.00
3859740.00   0.31060
         369180.00   3859765.00   0.29226   369180.00
3859790.00   0.27406
         369180.00   3859815.00   0.25793   369180.00
3859840.00   0.24194
         369180.00   3859865.00   0.22719   369205.00
3858265.00   0.06289
         369205.00   3858290.00   0.06518   369205.00
3858315.00   0.06784

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                                *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   PAREA3   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF DPM   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         369205.00   3858340.00   0.07080   369205.00
3858365.00   0.07389
         369205.00   3858390.00   0.07755   369205.00
3858415.00   0.08166
         369205.00   3858440.00   0.08598   369205.00
3858465.00   0.09121
         369205.00   3858490.00   0.09665   369205.00
3858515.00   0.10250
         369205.00   3858540.00   0.10898   369205.00
3858565.00   0.11581
         369205.00   3858590.00   0.12274   369205.00
3858615.00   0.13085
         369205.00   3858640.00   0.13875   369205.00
3858665.00   0.14798
         369205.00   3858690.00   0.15773   369205.00

3858715.00 0.16841
369205.00 3858740.00 0.18077 369205.00
3858765.00 0.19363
369205.00 3858790.00 0.20948 369205.00
3858815.00 0.22681
369205.00 3858840.00 0.24797 369205.00
3858865.00 0.27395
369205.00 3858890.00 0.30469 369205.00
3858915.00 0.34135
369205.00 3858940.00 0.38534 369205.00
3858965.00 0.43038
369205.00 3858990.00 0.47661 369205.00
3859015.00 0.52244
369205.00 3859040.00 0.56672 369205.00
3859065.00 0.61366
369205.00 3859090.00 0.65623 369205.00
3859115.00 0.69785
369205.00 3859140.00 0.73611 369205.00
3859165.00 0.76920
369205.00 3859190.00 0.79435 369205.00
3859215.00 0.80787
369205.00 3859240.00 0.80783 369205.00
3859265.00 0.79349
369205.00 3859290.00 0.77060 369205.00
3859315.00 0.74913
369205.00 3859340.00 0.73547 369205.00
3859365.00 0.72366
369205.00 3859390.00 0.71374 369205.00
3859415.00 0.69348
369205.00 3859440.00 0.66556 369205.00
3859465.00 0.63166
369205.00 3859490.00 0.59174 369205.00
3859515.00 0.55454
369205.00 3859540.00 0.51843 369205.00
3859565.00 0.48329
369205.00 3859590.00 0.45194 369205.00
3859615.00 0.42319
369205.00 3859640.00 0.39565 369205.00
3859665.00 0.37236
369205.00 3859690.00 0.34877 369205.00
3859715.00 0.32777
369205.00 3859740.00 0.30848 369205.00
3859765.00 0.29003
369205.00 3859790.00 0.27249 369205.00
3859815.00 0.25745
369205.00 3859840.00 0.24149 369205.00
3859865.00 0.22753
367605.00 3859915.00 0.01761 367605.00
3859965.00 0.01615
367605.00 3860015.00 0.01501 367605.00

3860065.00   0.01396
         367655.00   3859915.00   0.01897   367655.00
3859965.00   0.01775
         367655.00   3860015.00   0.01609   367655.00
3860065.00   0.01503
         367705.00   3859915.00   0.02093   367705.00
3859965.00   0.01914
         367705.00   3860015.00   0.01771   367705.00
3860065.00   0.01612
         367755.00   3859915.00   0.02272   367755.00
3859965.00   0.02089
         367755.00   3860015.00   0.01937   367755.00
3860065.00   0.01801
         367805.00   3859915.00   0.02512   367805.00
3859965.00   0.02327

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                                *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   PAREA3   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF DPM   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         367805.00   3860015.00   0.02151   367805.00
3860065.00   0.01991
         367855.00   3859915.00   0.02824   367855.00
3859965.00   0.02578
         367855.00   3860015.00   0.02385   367855.00
3860065.00   0.02219
         367905.00   3859915.00   0.03170   367905.00
3859965.00   0.02890
         367905.00   3860015.00   0.02670   367905.00
3860065.00   0.02468
         367955.00   3859915.00   0.03517   367955.00

3859965.00 0.03173
367955.00 3860015.00 0.02973 367955.00
3860065.00 0.02715
368005.00 3859915.00 0.04020 368005.00
3859965.00 0.03580
368005.00 3860015.00 0.03311 368005.00
3860065.00 0.02948
368055.00 3859915.00 0.04570 368055.00
3859965.00 0.04075
368055.00 3860015.00 0.03623 368055.00
3860065.00 0.03257
368105.00 3859915.00 0.05156 368105.00
3859965.00 0.04577
368105.00 3860015.00 0.04009 368105.00
3860065.00 0.03599
368155.00 3859915.00 0.05767 368155.00
3859965.00 0.04977
368155.00 3860015.00 0.04415 368155.00
3860065.00 0.03958
368205.00 3859915.00 0.06338 368205.00
3859965.00 0.05456
368205.00 3860015.00 0.04779 368205.00
3860065.00 0.04252
368255.00 3859915.00 0.06878 368255.00
3859965.00 0.05978
368255.00 3860015.00 0.05141 368255.00
3860065.00 0.04574
368305.00 3859915.00 0.07298 368305.00
3859965.00 0.06336
368305.00 3860015.00 0.05519 368305.00
3860065.00 0.04859
368355.00 3859915.00 0.07728 368355.00
3859965.00 0.06728
368355.00 3860015.00 0.05918 368355.00
3860065.00 0.05196
368405.00 3859915.00 0.08299 368405.00
3859965.00 0.07189
368405.00 3860015.00 0.06291 368405.00
3860065.00 0.05513
368455.00 3859915.00 0.08883 368455.00
3859965.00 0.07658
368455.00 3860015.00 0.06616 368455.00
3860065.00 0.05825
368505.00 3859915.00 0.09681 368505.00
3859965.00 0.08217
368505.00 3860015.00 0.07092 368505.00
3860065.00 0.06183
368555.00 3859915.00 0.10473 368555.00
3859965.00 0.08928
368555.00 3860015.00 0.07607 368555.00

3860065.00   0.06659
         368605.00   3859915.00   0.11493   368605.00
3859965.00   0.09751
         368605.00   3860015.00   0.08258   368605.00
3860065.00   0.07207
         368655.00   3859915.00   0.12449   368655.00
3859965.00   0.10528
         368655.00   3860015.00   0.08882   368655.00
3860065.00   0.07670
         368705.00   3859915.00   0.13352   368705.00
3859965.00   0.11140
         368705.00   3860015.00   0.09497   368705.00
3860065.00   0.08075
         368755.00   3859915.00   0.14200   368755.00
3859965.00   0.11950
         368755.00   3860015.00   0.10199   368755.00
3860065.00   0.08745
         368805.00   3859915.00   0.15239   368805.00
3859965.00   0.12777

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                                *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   PAREA3   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF DPM   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         368805.00   3860015.00   0.11002   368805.00
3860065.00   0.09420
         368855.00   3859915.00   0.16120   368855.00
3859965.00   0.13682
         368855.00   3860015.00   0.11599   368855.00
3860065.00   0.10018
         368905.00   3859915.00   0.17024   368905.00

3859965.00 0.14465
368905.00 3860015.00 0.12302 368905.00
3860065.00 0.10577
368955.00 3859915.00 0.17863 368955.00
3859965.00 0.15180
368955.00 3860015.00 0.12896 368955.00
3860065.00 0.11129
369005.00 3859915.00 0.18565 369005.00
3859965.00 0.15707
369005.00 3860015.00 0.13503 369005.00
3860065.00 0.11666
369055.00 3859915.00 0.19100 369055.00
3859965.00 0.16428
369055.00 3860015.00 0.14035 369055.00
3860065.00 0.12159
369105.00 3859915.00 0.19494 369105.00
3859965.00 0.16885
369105.00 3860015.00 0.14503 369105.00
3860065.00 0.12613
369155.00 3859915.00 0.19787 369155.00
3859965.00 0.17276
369155.00 3860015.00 0.14934 369155.00
3860065.00 0.13045
369205.00 3859915.00 0.20010 369205.00
3859965.00 0.17591
369205.00 3860015.00 0.15364 369205.00
3860065.00 0.13449
369255.00 3859915.00 0.20117 369255.00
3859965.00 0.17806
369255.00 3860015.00 0.15714 369255.00
3860065.00 0.13813
369305.00 3859915.00 0.20184 369305.00
3859965.00 0.17916
369305.00 3860015.00 0.15970 369305.00
3860065.00 0.14203
369355.00 3859915.00 0.20086 369355.00
3859965.00 0.18011
369355.00 3860015.00 0.16101 369355.00
3860065.00 0.14419
369405.00 3859915.00 0.19964 369405.00
3859965.00 0.18023
369405.00 3860015.00 0.16242 369405.00
3860065.00 0.14559
369255.00 3859865.00 0.22657 369255.00
3859815.00 0.25451
369255.00 3859765.00 0.28515 369255.00
3859715.00 0.32086
369255.00 3859665.00 0.36090 369255.00
3859615.00 0.40559
369255.00 3859565.00 0.45697 369255.00

3859515.00   0.50929
         369255.00   3859465.00   0.55537   369255.00
3859415.00   0.58375
         369255.00   3859365.00   0.59898   369255.00
3859315.00   0.62361
         369255.00   3859265.00   0.64671   369255.00
3859215.00   0.63866
         369255.00   3859165.00   0.59119   369255.00
3859115.00   0.52944
         369255.00   3859065.00   0.47249   369255.00
3859015.00   0.42028
         369255.00   3858965.00   0.36292   369255.00
3858915.00   0.30149
         369255.00   3858865.00   0.24776   369255.00
3858815.00   0.20574
         369255.00   3858765.00   0.17552   369255.00
3858715.00   0.15321
         369255.00   3858665.00   0.13518   369255.00
3858615.00   0.12036
         369255.00   3858565.00   0.10747   369255.00
3858515.00   0.09615
         369255.00   3858465.00   0.08613   369255.00
3858415.00   0.07747

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                               *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PAREA3   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF DPM   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         369255.00   3858365.00   0.07019   369255.00
3858315.00   0.06422
         369255.00   3858265.00   0.05975   369255.00

3858215.00 0.05562
369255.00 3858165.00 0.05241 369255.00
3858115.00 0.04928
369255.00 3858065.00 0.04669 369305.00
3859865.00 0.22521
369305.00 3859815.00 0.25087 369305.00
3859765.00 0.27979
369305.00 3859715.00 0.31188 369305.00
3859665.00 0.34730
369305.00 3859615.00 0.38523 369305.00
3859565.00 0.42410
369305.00 3859515.00 0.45924 369305.00
3859465.00 0.48472
369305.00 3859415.00 0.49811 369305.00
3859365.00 0.50996
369305.00 3859315.00 0.52302 369305.00
3859265.00 0.52816
369305.00 3859215.00 0.50942 369305.00
3859165.00 0.46863
369305.00 3859115.00 0.42369 369305.00
3859065.00 0.38479
369305.00 3859015.00 0.35090 369305.00
3858965.00 0.31301
369305.00 3858915.00 0.26962 369305.00
3858865.00 0.22640
369305.00 3858815.00 0.18971 369305.00
3858765.00 0.16147
369305.00 3858715.00 0.14060 369305.00
3858665.00 0.12422
369305.00 3858615.00 0.11099 369305.00
3858565.00 0.09969
369305.00 3858515.00 0.08966 369305.00
3858465.00 0.08110
369305.00 3858415.00 0.07336 369305.00
3858365.00 0.06665
369305.00 3858315.00 0.06101 369305.00
3858265.00 0.05676
369305.00 3858215.00 0.05286 369305.00
3858165.00 0.04960
369305.00 3858115.00 0.04700 369305.00
3858065.00 0.04447
369355.00 3859865.00 0.22266 369355.00
3859815.00 0.24639
369355.00 3859765.00 0.27403 369355.00
3859715.00 0.30194
369355.00 3859665.00 0.33123 369355.00
3859615.00 0.36122
369355.00 3859565.00 0.38879 369355.00
3859515.00 0.41045
369355.00 3859465.00 0.42411 369355.00

3859415.00   0.43096
         369355.00   3859365.00   0.43631   369355.00
3859315.00   0.43980
         369355.00   3859265.00   0.43395   369355.00
3859215.00   0.41322
         369355.00   3859165.00   0.38208   369355.00
3859115.00   0.35135
         369355.00   3859065.00   0.32479   369355.00
3859015.00   0.29994
         369355.00   3858965.00   0.27248   369355.00
3858915.00   0.24097
         369355.00   3858865.00   0.20694   369355.00
3858815.00   0.17632
         369355.00   3858765.00   0.15061   369355.00
3858715.00   0.13054
         369355.00   3858665.00   0.11509   369355.00
3858615.00   0.10285
         369355.00   3858565.00   0.09222   369355.00
3858515.00   0.08373
         369355.00   3858465.00   0.07625   369355.00
3858415.00   0.06937
         369355.00   3858365.00   0.06326   369355.00
3858315.00   0.05799
         369355.00   3858265.00   0.05368   369355.00
3858215.00   0.05023
         369355.00   3858165.00   0.04711   369355.00
3858115.00   0.04475

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                                *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   PAREA3   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF DPM   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -

- - - -

3858065.00   0.05266
         369055.00   3858215.00   0.06725   369055.00
3858165.00   0.06238
         369055.00   3858115.00   0.05808   369055.00
3858065.00   0.05456
         369005.00   3858215.00   0.07007   369005.00
3858165.00   0.06483
         369005.00   3858115.00   0.06023   369005.00
3858065.00   0.05649
         368955.00   3858215.00   0.07297   368955.00
3858165.00   0.06738
         368955.00   3858115.00   0.06251   368955.00
3858065.00   0.05852
         368905.00   3858215.00   0.07586   368905.00
3858165.00   0.07008
         368905.00   3858115.00   0.06491   368905.00
3858065.00   0.06077
         368855.00   3858215.00   0.07881   368855.00
3858165.00   0.07283
         368855.00   3858115.00   0.06732   368855.00
3858065.00   0.06281
         368805.00   3858215.00   0.08188   368805.00
3858165.00   0.07547
         368805.00   3858115.00   0.06954   368805.00
3858065.00   0.06463
         368755.00   3858215.00   0.08478   368755.00
3858165.00   0.07790
         368755.00   3858115.00   0.07157   368755.00
3858065.00   0.06608
         368705.00   3858215.00   0.08751   368705.00
3858165.00   0.08014

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                               *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   PAREA3   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF DPM   IN MICROGRAMS/M**3
                    **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
368705.00	3858115.00	0.07333	368705.00	3858065.00	0.06758
368655.00	3858215.00	0.09020	368655.00	3858165.00	0.08239
368655.00	3858115.00	0.07521	368655.00	3858065.00	0.06917
368605.00	3858215.00	0.09309	368605.00	3858165.00	0.08486
368605.00	3858115.00	0.07738	368605.00	3858065.00	0.07107
368555.00	3858215.00	0.09613	368555.00	3858165.00	0.08749
368555.00	3858115.00	0.07974	368555.00	3858065.00	0.07315
368505.00	3858215.00	0.09917	368505.00	3858165.00	0.08992
368505.00	3858115.00	0.08187	368505.00	3858065.00	0.07501
368455.00	3858215.00	0.10113	368455.00	3858165.00	0.09169
368455.00	3858115.00	0.08336	368455.00	3858065.00	0.07629
368405.00	3858215.00	0.10201	368405.00	3858165.00	0.09256
368405.00	3858115.00	0.08417	368405.00	3858065.00	0.07691
368355.00	3858215.00	0.10232	368355.00	3858165.00	0.09261
368355.00	3858115.00	0.08426	368355.00	3858065.00	0.07716
368305.00	3858215.00	0.10168	368305.00	3858165.00	0.09218
368305.00	3858115.00	0.08424	368305.00	3858065.00	0.07702
368255.00	3858215.00	0.10075	368255.00	3858165.00	0.09144
368255.00	3858115.00	0.08371	368255.00	3858065.00	0.07665
368205.00	3858215.00	0.09924	368205.00	3858165.00	0.09059
368205.00	3858115.00	0.08280	368205.00	3858065.00	0.07609
368155.00	3858215.00	0.09738	368155.00	3858165.00	0.08899
368155.00	3858115.00	0.08165	368155.00		

3858065.00   0.07511
         368105.00   3858215.00   0.09537   368105.00
3858165.00   0.08702
         368105.00   3858115.00   0.08005   368105.00
3858065.00   0.07391
         368055.00   3858215.00   0.09330   368055.00
3858165.00   0.08520
         368055.00   3858115.00   0.07846   368055.00
3858065.00   0.07246
         368005.00   3858215.00   0.09160   368005.00
3858165.00   0.08370
         368005.00   3858115.00   0.07695   368005.00
3858065.00   0.07118
         367955.00   3858215.00   0.09021   367955.00
3858165.00   0.08247
         367955.00   3858115.00   0.07578   367955.00
3858065.00   0.07003
         367905.00   3858215.00   0.08897   367905.00
3858165.00   0.08135
         367905.00   3858115.00   0.07476   367905.00
3858065.00   0.06902
         367855.00   3858215.00   0.08756   367855.00
3858165.00   0.08017
         367855.00   3858115.00   0.07366   367855.00
3858065.00   0.06806
         367805.00   3858215.00   0.08595   367805.00
3858165.00   0.07869
         367805.00   3858115.00   0.07245   367805.00
3858065.00   0.06703
         367755.00   3858215.00   0.08410   367755.00
3858165.00   0.07719
         367755.00   3858115.00   0.07116   367755.00
3858065.00   0.06583
         367705.00   3858215.00   0.08182   367705.00
3858165.00   0.07533

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                               *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   PAREA3   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS

***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
367705.00	3858115.00	0.06964	367705.00	3858065.00	0.06455
367655.00	3858215.00	0.07905	367655.00	3858165.00	0.07311
367655.00	3858115.00	0.06787	367655.00	3858065.00	0.06312
367605.00	3858215.00	0.07585	367605.00	3858165.00	0.07050
367605.00	3858115.00	0.06576	367605.00	3858065.00	0.06144
367555.00	3858215.00	0.07236	367555.00	3858165.00	0.06757
367555.00	3858115.00	0.06329	367555.00	3858065.00	0.05945
367505.00	3858215.00	0.06889	367505.00	3858165.00	0.06451
367505.00	3858115.00	0.06065	367505.00	3858065.00	0.05718
367455.00	3858215.00	0.06549	367455.00	3858165.00	0.06153
367455.00	3858115.00	0.05795	367455.00	3858065.00	0.05477
367405.00	3858215.00	0.06232	367405.00	3858165.00	0.05866
367405.00	3858115.00	0.05536	367405.00	3858065.00	0.05240
367555.00	3858265.00	0.07777	367555.00	3858315.00	0.08374
367555.00	3858365.00	0.09017	367555.00	3858415.00	0.09747
367555.00	3858465.00	0.10555	367555.00	3858515.00	0.11489
367555.00	3858565.00	0.12463	367555.00	3858615.00	0.13570
367555.00	3858665.00	0.14735	367555.00	3858715.00	0.15977
367555.00	3858765.00	0.17107	367555.00	3858815.00	0.18104
367555.00	3858865.00	0.18891	367555.00	3858915.00	0.19189
367555.00	3858965.00	0.18806	367555.00		

3859015.00   0.17704
         367555.00   3859065.00   0.15784   367555.00
3859115.00   0.13549
         367555.00   3859165.00   0.11229   367555.00
3859215.00   0.09297
         367555.00   3859265.00   0.07669   367555.00
3859315.00   0.06648
         367555.00   3859365.00   0.05952   367555.00
3859415.00   0.05299
         367555.00   3859465.00   0.04610   367555.00
3859515.00   0.04092
         367555.00   3859565.00   0.03533   367555.00
3859615.00   0.03043
         367555.00   3859665.00   0.02696   367555.00
3859715.00   0.02423
         367555.00   3859765.00   0.02153   367555.00
3859815.00   0.01930
         367555.00   3859865.00   0.01773   367555.00
3859915.00   0.01631
         367555.00   3859965.00   0.01508   367555.00
3860015.00   0.01404
         367555.00   3860065.00   0.01303   367505.00
3858265.00   0.07373
         367505.00   3858315.00   0.07889   367505.00
3858365.00   0.08480
         367505.00   3858415.00   0.09108   367505.00
3858465.00   0.09831
         367505.00   3858515.00   0.10578   367505.00
3858565.00   0.11442
         367505.00   3858615.00   0.12297   367505.00
3858665.00   0.13218
         367505.00   3858715.00   0.14116   367505.00
3858765.00   0.14907
         367505.00   3858815.00   0.15555   367505.00
3858865.00   0.15996
         367505.00   3858915.00   0.15956   367505.00
3858965.00   0.15389
         367505.00   3859015.00   0.14292   367505.00
3859065.00   0.12925

VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
367505.00	3859115.00	0.11324	367505.00	3859165.00	0.09659
367505.00	3859215.00	0.08039	367505.00	3859265.00	0.06812
367505.00	3859315.00	0.05891	367505.00	3859365.00	0.05191
367505.00	3859415.00	0.04596	367505.00	3859465.00	0.04106
367505.00	3859515.00	0.03676	367505.00	3859565.00	0.03186
367505.00	3859615.00	0.02778	367505.00	3859665.00	0.02479
367505.00	3859715.00	0.02223	367505.00	3859765.00	0.01992
367505.00	3859815.00	0.01804	367505.00	3859865.00	0.01639
367505.00	3859915.00	0.01511	367505.00	3859965.00	0.01404
367505.00	3860015.00	0.01305	367505.00	3860065.00	0.01213
367455.00	3858265.00	0.06990	367455.00	3858315.00	0.07460
367455.00	3858365.00	0.07987	367455.00	3858415.00	0.08576
367455.00	3858465.00	0.09154	367455.00	3858515.00	0.09818
367455.00	3858565.00	0.10504	367455.00	3858615.00	0.11232
367455.00	3858665.00	0.11937	367455.00	3858715.00	0.12560
367455.00	3858765.00	0.13105	367455.00	3858815.00	0.13500
367455.00	3858865.00	0.13654	367455.00	3858915.00	0.13468
367455.00	3858965.00	0.12841	367455.00	3859015.00	0.11881
367455.00	3859065.00	0.10656	367455.00		

3859115.00   0.09831
         367455.00   3859165.00   0.08356   367455.00
3859215.00   0.07152
         367455.00   3859265.00   0.06066   367455.00
3859315.00   0.05186
         367455.00   3859365.00   0.04560   367455.00
3859415.00   0.04031
         367455.00   3859465.00   0.03629   367455.00
3859515.00   0.03234
         367455.00   3859565.00   0.02874   367455.00
3859615.00   0.02508
         367455.00   3859665.00   0.02318   367455.00
3859715.00   0.02027
         367455.00   3859765.00   0.01818   367455.00
3859815.00   0.01636
         367455.00   3859865.00   0.01505   367455.00
3859915.00   0.01391
         367455.00   3859965.00   0.01310   367455.00
3860015.00   0.01218
         367455.00   3860065.00   0.01138   367405.00
3858265.00   0.06630
         367405.00   3858315.00   0.07068   367405.00
3858365.00   0.07535
         367405.00   3858415.00   0.08037   367405.00
3858465.00   0.08564
         367405.00   3858515.00   0.09133   367405.00
3858565.00   0.09724
         367405.00   3858615.00   0.10314   367405.00
3858665.00   0.10855
         367405.00   3858715.00   0.11296   367405.00
3858765.00   0.11650
         367405.00   3858815.00   0.11811   367405.00
3858865.00   0.11804
         367405.00   3858915.00   0.11511   367405.00
3858965.00   0.10858
         367405.00   3859015.00   0.10071   367405.00
3859065.00   0.09091
         367405.00   3859115.00   0.08242   367405.00
3859165.00   0.07353
         367405.00   3859215.00   0.06401   367405.00
3859265.00   0.05470
         367405.00   3859315.00   0.04733   367405.00
3859365.00   0.04136

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL ADJ_U*

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
367405.00	3859415.00	0.03673	367405.00	3859465.00	0.03251
367405.00	3859515.00	0.02893	367405.00	3859565.00	0.02581
367405.00	3859615.00	0.02261	367405.00	3859665.00	0.02004
367405.00	3859715.00	0.01881	367405.00	3859765.00	0.01691
367405.00	3859815.00	0.01526	367405.00	3859865.00	0.01384
367405.00	3859915.00	0.01279	367405.00	3859965.00	0.01193
367405.00	3860015.00	0.01126	367405.00	3860065.00	0.01084
367405.00	3860165.00	0.00950	367405.00	3860265.00	0.00846
367505.00	3860165.00	0.01079	367505.00	3860265.00	0.00970
367605.00	3860165.00	0.01233	367605.00	3860265.00	0.01067
367705.00	3860165.00	0.01408	367705.00	3860265.00	0.01244
367805.00	3860165.00	0.01725	367805.00	3860265.00	0.01480
367905.00	3860165.00	0.02050	367905.00	3860265.00	0.01743
368005.00	3860165.00	0.02410	368005.00	3860265.00	0.02007
368105.00	3860165.00	0.02980	368105.00	3860265.00	0.02443
368205.00	3860165.00	0.03350	368205.00	3860265.00	0.02794
368305.00	3860165.00	0.03753	368305.00		

```
3860265.00        0.03076
         368405.00    3860165.00        0.04143                        368405.00
3860265.00        0.03517
         368505.00    3860165.00        0.04659                        368505.00
3860265.00        0.03878
         368605.00    3860165.00        0.05224                        368605.00
3860265.00        0.04270
         368705.00    3860165.00        0.05871                        368705.00
3860265.00        0.04693
         368805.00    3860165.00        0.06880                        368805.00
3860265.00        0.05314
         368905.00    3860165.00        0.07865                        368905.00
3860265.00        0.06081
         369005.00    3860165.00        0.08620                        369005.00
3860265.00        0.06755
         369105.00    3860165.00        0.09381                        369105.00
3860265.00        0.07400
         369205.00    3860165.00        0.10320                        369205.00
3860265.00        0.08074
         369305.00    3860165.00        0.11180                        369305.00
3860265.00        0.08842
         369405.00    3860165.00        0.11748                        369405.00
3860265.00        0.09439
         369505.00    3860165.00        0.12151                        369505.00
3860265.00        0.09970
         369605.00    3860165.00        0.12429                        369605.00
3860265.00        0.10344
         369505.00    3860065.00        0.14861                        369505.00
3859965.00        0.17821
         369505.00    3859865.00        0.21162                        369505.00
3859765.00        0.24563
         369505.00    3859665.00        0.27394                        369505.00
3859565.00        0.28864
         369505.00    3859465.00        0.28785                        369505.00
3859365.00        0.27705
         369505.00    3859265.00        0.25909                        369505.00
3859165.00        0.23583
         369505.00    3859065.00        0.21849                        369505.00
3858965.00        0.19525
         369505.00    3858865.00        0.16239                        369505.00
3858765.00        0.12695
         369505.00    3858665.00        0.09676                        369505.00
3858565.00        0.07628
         369505.00    3858465.00        0.06311                        369505.00
3858365.00        0.05388
         369505.00    3858265.00        0.04635                        369505.00
3858165.00        0.04064
 *** AERMOD - VERSION 24142  ***   ***
C:\Users\DWaymire\Documents\AERMOD\Euismod2\Euismod2.isc                 ***
06/08/26
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL ADJ_U*

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
369505.00	3858065.00	0.03656	369505.00	3857965.00	0.03351
369505.00	3857865.00	0.03118	369605.00	3860065.00	0.14860
369605.00	3859965.00	0.17371	369605.00	3859865.00	0.19842
369605.00	3859765.00	0.22027	369605.00	3859665.00	0.23259
369605.00	3859565.00	0.23381	369605.00	3859465.00	0.22414
369605.00	3859365.00	0.21027	369605.00	3859265.00	0.19601
369605.00	3859165.00	0.18397	369605.00	3859065.00	0.17582
369605.00	3858965.00	0.16197	369605.00	3858865.00	0.13953
369605.00	3858765.00	0.11442	369605.00	3858665.00	0.08952
369605.00	3858565.00	0.06992	369605.00	3858465.00	0.05681
369605.00	3858365.00	0.04857	369605.00	3858265.00	0.04211
369605.00	3858165.00	0.03702	369605.00	3858065.00	0.03321
369605.00	3857965.00	0.03046	369605.00	3857865.00	0.02844
369405.00	3857965.00	0.03699	369405.00	3857865.00	0.03424
369305.00	3857965.00	0.04041	369305.00		

3857865.00 0.03716
369205.00 3857965.00 0.04383 369205.00 3857865.00 0.03997
369105.00 3857965.00 0.04701 369105.00 3857865.00 0.04245
369005.00 3857965.00 0.05027 369005.00 3857865.00 0.04500
368905.00 3857965.00 0.05337 368905.00 3857865.00 0.04710
368805.00 3857965.00 0.05571 368805.00 3857865.00 0.04846
368705.00 3857965.00 0.05797 368705.00 3857865.00 0.05038
368605.00 3857965.00 0.06057 368605.00 3857865.00 0.05222
368505.00 3857965.00 0.06335 368505.00 3857865.00 0.05435
368405.00 3857965.00 0.06507 368405.00 3857865.00 0.05591
368305.00 3857965.00 0.06549 368305.00 3857865.00 0.05624
368205.00 3857965.00 0.06473 368205.00 3857865.00 0.05580
368105.00 3857965.00 0.06352 368105.00 3857865.00 0.05501
368005.00 3857965.00 0.06179 368005.00 3857865.00 0.05426
367905.00 3857965.00 0.05987 367905.00 3857865.00 0.05292
367805.00 3857965.00 0.05802 367805.00 3857865.00 0.05109
367705.00 3857965.00 0.05605 367705.00 3857865.00 0.04930
367605.00 3857965.00 0.05391 367605.00 3857865.00 0.04762
367505.00 3857965.00 0.05115 367505.00 3857865.00 0.04585
367405.00 3857965.00 0.04745 367405.00 3857865.00 0.04327
367305.00 3857965.00 0.04363 367305.00 3857865.00 0.04016
367205.00 3857965.00 0.04033 367205.00 3857865.00 0.03708
367305.00 3858065.00 0.04812 367305.00 3858165.00 0.05354
367305.00 3858265.00 0.06016 367305.00 3858365.00 0.06736
367305.00 3858465.00 0.07543 367305.00 3858565.00 0.08413
367305.00 3858665.00 0.09105 367305.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF DPM IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
367305.00	3858865.00	0.09025	367305.00	3858965.00	0.08078
367305.00	3859065.00	0.06905	367305.00	3859165.00	0.05790
367305.00	3859265.00	0.04636	367305.00	3859365.00	0.03574
367305.00	3859465.00	0.02695	367305.00	3859565.00	0.02151
367305.00	3859665.00	0.01695	367305.00	3859765.00	0.01462
367305.00	3859865.00	0.01219	367305.00	3859965.00	0.01045
367305.00	3860065.00	0.00913	367305.00	3860165.00	0.00832
367305.00	3860265.00	0.00758	367205.00	3858065.00	0.04442
367205.00	3858165.00	0.04946	367205.00	3858265.00	0.05494
367205.00	3858365.00	0.06064	367205.00	3858465.00	0.06683
367205.00	3858565.00	0.07279	367205.00	3858665.00	0.07708
367205.00	3858765.00	0.07710	367205.00	3858865.00	0.07070
367205.00	3858965.00	0.06276	367205.00		

3859065.00 0.05458
367205.00 3859165.00 0.04585 367205.00
3859265.00 0.03850
367205.00 3859365.00 0.03017 367205.00
3859465.00 0.02420
367205.00 3859565.00 0.01880 367205.00
3859665.00 0.01488
367205.00 3859765.00 0.01205 367205.00
3859865.00 0.01115
367205.00 3859965.00 0.00936 367205.00
3860065.00 0.00823
367205.00 3860165.00 0.00743 367205.00
3860265.00 0.00675
367205.00 3860515.00 0.00553 367205.00
3860765.00 0.00479
367446.66 3860515.00 0.00691 367446.66
3860765.00 0.00576
367688.34 3860515.00 0.00921 367688.34
3860765.00 0.00659
367930.00 3860515.00 0.01211 367930.00
3860765.00 0.00863
368171.66 3860515.00 0.01633 368171.66
3860765.00 0.01124
368413.34 3860515.00 0.02319 368413.34
3860765.00 0.01586
368655.00 3860515.00 0.02888 368655.00
3860765.00 0.02032
368896.66 3860515.00 0.03489 368896.66
3860765.00 0.02301
369138.34 3860515.00 0.04371 369138.34
3860765.00 0.02856
369380.00 3860515.00 0.05383 369380.00
3860765.00 0.03354
369621.66 3860515.00 0.06518 369621.66
3860765.00 0.04043
369863.34 3860515.00 0.07336 369863.34
3860765.00 0.04887
370105.00 3860515.00 0.07533 370105.00
3860765.00 0.05458
369855.00 3860265.00 0.10592 369855.00
3860023.25 0.13959
369855.00 3859781.75 0.15396 369855.00
3859540.00 0.13507
369855.00 3859298.25 0.11644 369855.00
3859056.75 0.11309
369855.00 3858815.00 0.09447 369855.00
3858573.25 0.06249
369855.00 3858331.75 0.03759 369855.00
3858090.00 0.02725
369855.00 3857848.25 0.02220 369855.00

3857606.75   0.02002
         369855.00   3857365.00   0.01865   370105.00
3860265.00   0.09860
         370105.00   3860023.25   0.11043   370105.00
3859781.75   0.10376

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                                *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   PAREA3   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF DPM   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         370105.00   3859540.00   0.08562   370105.00
3859298.25   0.07856
         370105.00   3859056.75   0.08035   370105.00
3858815.00   0.07177
         370105.00   3858573.25   0.05432   370105.00
3858331.75   0.03491
         370105.00   3858090.00   0.02293   370105.00
3857848.25   0.01786
         370105.00   3857606.75   0.01582   370105.00
3857365.00   0.01510
         369605.00   3857615.00   0.02485   369605.00
3857365.00   0.02201
         369363.34   3857615.00   0.02975   369363.34
3857365.00   0.02493
         369121.66   3857615.00   0.03319   369121.66
3857365.00   0.02653
         368880.00   3857615.00   0.03517   368880.00
3857365.00   0.02736
         368638.34   3857615.00   0.03754   368638.34
3857365.00   0.02887
         368396.66   3857615.00   0.04043   368396.66

3857365.00 0.03075
368155.00 3857615.00 0.04032 368155.00
3857365.00 0.03089
367913.34 3857615.00 0.04033 367913.34
3857365.00 0.03167
367671.66 3857615.00 0.03742 367671.66
3857365.00 0.03075
367430.00 3857615.00 0.03463 367430.00
3857365.00 0.02801
367188.34 3857615.00 0.03097 367188.34
3857365.00 0.02626
366946.66 3857615.00 0.02636 366946.66
3857365.00 0.02318
366705.00 3857615.00 0.02362 366705.00
3857365.00 0.02034
366955.00 3857865.00 0.03170 366955.00
3858106.75 0.03929
366955.00 3858348.25 0.04662 366955.00
3858590.00 0.05152
366955.00 3858831.75 0.04655 366955.00
3859073.25 0.03543
366955.00 3859315.00 0.02256 366955.00
3859556.75 0.01331
366955.00 3859798.25 0.00747 366955.00
3860040.00 0.00599
366955.00 3860281.75 0.00529 366955.00
3860523.25 0.00439
366955.00 3860765.00 0.00391 366705.00
3857865.00 0.02820
366705.00 3858106.75 0.03292 366705.00
3858348.25 0.03770
366705.00 3858590.00 0.03645 366705.00
3858831.75 0.03029
366705.00 3859073.25 0.02376 366705.00
3859315.00 0.01674
366705.00 3859556.75 0.00867 366705.00
3859798.25 0.00629
366705.00 3860040.00 0.00425 366705.00
3860281.75 0.00389
366705.00 3860523.25 0.00382 366705.00
3860765.00 0.00339
366705.00 3861165.00 0.00307 366705.00
3861565.00 0.00264
367171.66 3861165.00 0.00350 367171.66
3861565.00 0.00290
367638.34 3861165.00 0.00471 367638.34
3861565.00 0.00382
368105.00 3861165.00 0.00711 368105.00
3861565.00 0.00518
368571.66 3861165.00 0.01164 368571.66

3861565.00   0.00866
         369038.34   3861165.00   0.01497   369038.34
3861565.00   0.01039
         369505.00   3861165.00   0.02066   369505.00
3861565.00   0.01339
         369971.66   3861165.00   0.02793   369971.66
3861565.00   0.01649
         370438.34   3861165.00   0.03615   370438.34
3861565.00   0.02150

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                               *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PAREA3   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF DPM   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         370905.00   3861165.00   0.03813   370905.00
3861565.00   0.02625
         370505.00   3860765.00   0.05615   370505.00
3860298.25   0.07267
         370505.00   3859831.75   0.06023   370505.00
3859365.00   0.04873
         370505.00   3858898.25   0.05056   370505.00
3858431.75   0.03596
         370505.00   3857965.00   0.01762   370505.00
3857498.25   0.01085
         370505.00   3857031.75   0.01053   370505.00
3856565.00   0.01027
         370905.00   3860765.00   0.05010   370905.00
3860298.25   0.05049
         370905.00   3859831.75   0.03746   370905.00
3859365.00   0.03424
         370905.00   3858898.25   0.03616   370905.00

3858431.75 0.02863
370905.00 3857965.00 0.01801 370905.00
3857498.25 0.00899
370905.00 3857031.75 0.00745 370905.00
3856565.00 0.00796
370105.00 3856965.00 0.01403 370105.00
3856565.00 0.01215
369638.34 3856965.00 0.01741 369638.34
3856565.00 0.01415
369171.66 3856965.00 0.01931 369171.66
3856565.00 0.01481
368705.00 3856965.00 0.02025 368705.00
3856565.00 0.01545
368238.34 3856965.00 0.02185 368238.34
3856565.00 0.01676
367771.66 3856965.00 0.02329 367771.66
3856565.00 0.01790
367305.00 3856965.00 0.02121 367305.00
3856565.00 0.01774
366838.34 3856965.00 0.01838 366838.34
3856565.00 0.01553
366371.66 3856965.00 0.01506 366371.66
3856565.00 0.01314
365905.00 3856965.00 0.01322 365905.00
3856565.00 0.01154
366305.00 3857365.00 0.01770 366305.00
3857831.75 0.02284
366305.00 3858298.25 0.02614 366305.00
3858765.00 0.02015
366305.00 3859231.75 0.01193 366305.00
3859698.25 0.00530
366305.00 3860165.00 0.00320 366305.00
3860631.75 0.00275
366305.00 3861098.25 0.00253 366305.00
3861565.00 0.00243
365905.00 3857365.00 0.01538 365905.00
3857831.75 0.01955
365905.00 3858298.25 0.01789 365905.00
3858765.00 0.01287
365905.00 3859231.75 0.00833 365905.00
3859698.25 0.00405
365905.00 3860165.00 0.00248 365905.00
3860631.75 0.00208
365905.00 3861098.25 0.00223 365905.00
3861565.00 0.00212
368470.00 3859253.00 2.39858 368264.00
3859260.00 3.47645
368255.00 3858958.00 1.14782 368054.00
3858961.00 3.36888
368048.00 3858760.00 0.62133 367916.00

3858760.00   0.64903
         367850.00   3858864.00   0.81472   367852.00
3858965.00   1.70095
         367752.00   3858968.00   0.56417   367757.00
3859171.00   0.32946
         368060.00   3859165.00   3.13879   368065.00
3859367.00   0.48645
         368470.00   3859354.00   2.03558   368576.00
3859351.00   2.65257
         368582.00   3859551.00   0.62313   368686.00
3859547.00   1.11582
         368678.00   3859348.00   2.88937   369072.00
3859335.00   1.76408

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                               *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PAREA3   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF DPM   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

3859255.00 2.19886
368401.33 3859255.33 2.20887 368391.52
3859255.67 2.22292
368381.71 3859256.00 2.24351 368371.90
3859256.33 2.27770
368362.10 3859256.67 2.32212 368352.29
3859257.00 2.37394
368342.48 3859257.33 2.42982 368332.67
3859257.67 2.49335
368322.86 3859258.00 2.56780 368313.05
3859258.33 2.65613
368303.24 3859258.67 2.76240 368293.43
3859259.00 2.89139
368283.62 3859259.33 3.04611 368273.81
3859259.67 3.23472
368263.71 3859250.26 3.35059 368263.42
3859240.52 3.26535
368263.13 3859230.77 3.20381 368262.84
3859221.03 3.16173
368262.55 3859211.29 3.13812 368262.26
3859201.55 3.13095
368261.97 3859191.81 3.12758 368261.68
3859182.06 3.12446
368261.39 3859172.32 3.11182 368261.10
3859162.58 3.08293
368260.81 3859152.84 3.04941 368260.52
3859143.10 3.03320
368260.23 3859133.35 3.01597 368259.94
3859123.61 2.99019
368259.65 3859113.87 2.93924 368259.35
3859104.13 2.88229
368259.06 3859094.39 2.81884 368258.77
3859084.65 2.75136
368258.48 3859074.90 2.67810 368258.19
3859065.16 2.60193
368257.90 3859055.42 2.54211 368257.61
3859045.68 2.47219
368257.32 3859035.94 2.39036 368257.03
3859026.19 2.27326
368256.74 3859016.45 2.14379 368256.45
3859006.71 1.99868
368256.16 3858996.97 1.84417 368255.87
3858987.23 1.66418
368255.58 3858977.48 1.46680 368255.29
3858967.74 1.28815
368245.43 3858958.14 1.23446 368235.86
3858958.29 1.35740
368226.29 3858958.43 1.48542 368216.71
3858958.57 1.59544
368207.14 3858958.71 1.68905 368197.57

3858958.86   1.77103
         368188.00   3858959.00   1.84928   368178.43
3858959.14   1.92166
         368168.86   3858959.29   1.99115   368159.29
3858959.43   2.05240
         368149.71   3858959.57   2.11293   368140.14
3858959.71   2.17476
         368130.57   3858959.86   2.24899   368121.00
3858960.00   2.32927
         368111.43   3858960.14   2.41775   368101.86
3858960.29   2.51707
         368092.29   3858960.43   2.63103   368082.71
3858960.57   2.76527
         368073.14   3858960.71   2.92630   368063.57
3858960.86   3.12383
         368053.71   3858951.43   3.13046   368053.43
3858941.86   2.94883

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                               *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PAREA3   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF DPM   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         368053.14   3858932.29   2.80659   368052.86
3858922.71   2.68736
         368052.57   3858913.14   2.57600   368052.29
3858903.57   2.45471
         368052.00   3858894.00   2.34264   368051.71
3858884.43   2.23920
         368051.43   3858874.86   2.15806   368051.14
3858865.29   2.07687
         368050.86   3858855.71   1.99265   368050.57

3858846.14 1.90330
368050.29 3858836.57 1.80467 368050.00
3858827.00 1.69297
368049.71 3858817.43 1.56244 368049.43
3858807.86 1.40653
368049.14 3858798.29 1.22042 368048.86
3858788.71 1.00534
368048.57 3858779.14 0.82548 368048.29
3858769.57 0.70143
368038.57 3858760.00 0.66970 368029.14
3858760.00 0.72792
368019.71 3858760.00 0.78717 368010.29
3858760.00 0.83486
368000.86 3858760.00 0.87043 367991.43
3858760.00 0.89135
367982.00 3858760.00 0.89724 367972.57
3858760.00 0.88328
367963.14 3858760.00 0.85204 367953.71
3858760.00 0.81007
367944.29 3858760.00 0.76567 367934.86
3858760.00 0.72337
367925.43 3858760.00 0.68443 367910.92
3858768.00 0.67447
367905.85 3858776.00 0.69751 367900.77
3858784.00 0.71795
367895.69 3858792.00 0.73640 367890.62
3858800.00 0.75280
367885.54 3858808.00 0.76710 367880.46
3858816.00 0.77993
367875.38 3858824.00 0.79108 367870.31
3858832.00 0.79953
367865.23 3858840.00 0.80463 367860.15
3858848.00 0.80823
367855.08 3858856.00 0.81062 367850.18
3858873.18 0.86127
367850.36 3858882.36 0.91219 367850.55
3858891.55 0.96485
367850.73 3858900.73 1.02005 367850.91
3858909.91 1.07996
367851.09 3858919.09 1.14851 367851.27
3858928.27 1.23124
367851.45 3858937.45 1.32507 367851.64
3858946.64 1.43315
367851.82 3858955.82 1.55441 367842.91
3858965.27 1.46850
367833.82 3858965.55 1.29141 367824.73
3858965.82 1.14927
367815.64 3858966.09 1.03247 367806.55
3858966.36 0.93459
367797.45 3858966.64 0.85066 367788.36

3858966.91   0.77887
         367779.27   3858967.18   0.70947   367770.18
3858967.45   0.65497
         367761.09   3858967.73   0.60695   367752.24
3858977.67   0.57636
         367752.48   3858987.33   0.59196   367752.71
3858997.00   0.60801
         367752.95   3859006.67   0.62401   367753.19
3859016.33   0.63573
         367753.43   3859026.00   0.64690   367753.67
3859035.67   0.65772
         367753.90   3859045.33   0.66779   367754.14
3859055.00   0.67676
         367754.38   3859064.67   0.68462   367754.62
3859074.33   0.69670
         367754.86   3859084.00   0.70715   367755.10
3859093.67   0.71344
         367755.33   3859103.33   0.70468   367755.57
3859113.00   0.67738
         367755.81   3859122.67   0.63494   367756.05
3859132.33   0.58308

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                                *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   PAREA3   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF DPM   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         367756.29   3859142.00   0.52179   367756.52
3859151.67   0.45198
         367756.76   3859161.33   0.38036   367766.77
3859170.81   0.37072
         367776.55   3859170.61   0.43904   367786.32

3859170.42 0.53591
367796.10 3859170.23 0.63450 367805.87
3859170.03 0.72942
367815.65 3859169.84 0.82048 367825.42
3859169.65 0.90861
367835.19 3859169.45 0.99408 367844.97
3859169.26 1.08254
367854.74 3859169.06 1.17439 367864.52
3859168.87 1.26723
367874.29 3859168.68 1.35552 367884.06
3859168.48 1.43749
367893.84 3859168.29 1.51988 367903.61
3859168.10 1.59641
367913.39 3859167.90 1.66518 367923.16
3859167.71 1.73419
367932.94 3859167.52 1.80835 367942.71
3859167.32 1.89176
367952.48 3859167.13 1.97713 367962.26
3859166.94 2.12040
367972.03 3859166.74 2.20386 367981.81
3859166.55 2.28885
367991.58 3859166.35 2.37020 368001.35
3859166.16 2.42965
368011.13 3859165.97 2.49493 368020.90
3859165.77 2.57288
368030.68 3859165.58 2.68797 368040.45
3859165.39 2.82026
368050.23 3859165.19 2.97438 368060.24
3859174.62 2.75054
368060.48 3859184.24 2.47203 368060.71
3859193.86 2.26341
368060.95 3859203.48 2.09602 368061.19
3859213.10 1.95570
368061.43 3859222.71 1.83665 368061.67
3859232.33 1.73172
368061.90 3859241.95 1.63510 368062.14
3859251.57 1.54033
368062.38 3859261.19 1.42178 368062.62
3859270.81 1.32973
368062.86 3859280.43 1.24270 368063.10
3859290.05 1.16038
368063.33 3859299.67 1.07676 368063.57
3859309.29 0.99280
368063.81 3859318.90 0.90837 368064.05
3859328.52 0.81669
368064.29 3859338.14 0.71753 368064.52
3859347.76 0.61841
368064.76 3859357.38 0.54259 368074.88
3859366.68 0.53067
368084.76 3859366.37 0.58807 368094.63

3859366.05   0.66735
         368104.51   3859365.73   0.77567   368114.39
3859365.41   0.89074
         368124.27   3859365.10   0.99724   368134.15
3859364.78   1.09735
         368144.02   3859364.46   1.19844   368153.90
3859364.15   1.30359
         368163.78   3859363.83   1.43257   368173.66
3859363.51   1.52386
         368183.54   3859363.20   1.60757   368193.41
3859362.88   1.68570
         368203.29   3859362.56   1.75160   368213.17
3859362.24   1.80114
         368223.05   3859361.93   1.84585   368232.93
3859361.61   1.88756
         368242.80   3859361.29   1.92680   368252.68
3859360.98   1.96169
         368262.56   3859360.66   1.99321   368272.44
3859360.34   2.01873
         368282.32   3859360.02   2.04084   368292.20
3859359.71   2.06430
         368302.07   3859359.39   2.09547   368311.95
3859359.07   2.12174
         368321.83   3859358.76   2.13958   368331.71
3859358.44   2.14361

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

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                                    INCLUDING SOURCE(S):   PAREA3   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF DPM   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         368341.59   3859358.12   2.14482   368351.46

3859357.80 2.14098
368361.34 3859357.49 2.12437 368371.22
3859357.17 2.10724
368381.10 3859356.85 2.09108 368390.98
3859356.54 2.08100
368400.85 3859356.22 2.07092 368410.73
3859355.90 2.06212
368420.61 3859355.59 2.05945 368430.49
3859355.27 2.05842
368440.37 3859354.95 2.05814 368450.24
3859354.63 2.04775
368460.12 3859354.32 2.03890 368479.64
3859353.73 2.05859
368489.27 3859353.45 2.08527 368498.91
3859353.18 2.11621
368508.55 3859352.91 2.14034 368518.18
3859352.64 2.16997
368527.82 3859352.36 2.20778 368537.45
3859352.09 2.25615
368547.09 3859351.82 2.31921 368556.73
3859351.55 2.40252
368566.36 3859351.27 2.50555 368576.29
3859360.52 2.40235
368576.57 3859370.05 2.21379 368576.86
3859379.57 2.06542
368577.14 3859389.10 1.94352 368577.43
3859398.62 1.83933
368577.71 3859408.14 1.74578 368578.00
3859417.67 1.63394
368578.29 3859427.19 1.55748 368578.57
3859436.71 1.48965
368578.86 3859446.24 1.42500 368579.14
3859455.76 1.36231
368579.43 3859465.29 1.28910 368579.71
3859474.81 1.21540
368580.00 3859484.33 1.14057 368580.29
3859493.86 1.07327
368580.57 3859503.38 1.00139 368580.86
3859512.90 0.92142
368581.14 3859522.43 0.83339 368581.43
3859531.95 0.74551
368581.71 3859541.48 0.67600 368591.45
3859550.64 0.65016
368600.91 3859550.27 0.68418 368610.36
3859549.91 0.73443
368619.82 3859549.55 0.80160 368629.27
3859549.18 0.87894
368638.73 3859548.82 0.95083 368648.18
3859548.45 1.01375
368657.64 3859548.09 1.06533 368667.09

3859547.73   1.10323
         368676.55   3859547.36   1.12258   368685.60
3859537.05   1.25397
         368685.20   3859527.10   1.37902   368684.80
3859517.15   1.48631
         368684.40   3859507.20   1.55404   368684.00
3859497.25   1.60766
         368683.60   3859487.30   1.65622   368683.20
3859477.35   1.72704
         368682.80   3859467.40   1.80333   368682.40
3859457.45   1.88152
         368682.00   3859447.50   1.93596   368681.60
3859437.55   1.98612
         368681.20   3859427.60   2.03798   368680.80
3859417.65   2.11981
         368680.40   3859407.70   2.27380   368680.00
3859397.75   2.36656
         368679.60   3859387.80   2.43829   368679.20
3859377.85   2.50822
         368678.80   3859367.90   2.58693   368678.40
3859357.95   2.71005
         368687.85   3859347.67   2.74991   368697.70
3859347.35   2.67156
         368707.55   3859347.02   2.62147   368717.40
3859346.70   2.58769
         368727.25   3859346.38   2.56316   368737.10
3859346.05   2.54572
         368746.95   3859345.73   2.53892   368756.80
3859345.40   2.53809

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                                *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   PAREA3   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF DPM   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)

Y-COORD (M) CONC

- - - -

3859239.11   2.55024
         368978.95   3859239.37   2.62706   368969.05
3859239.63   2.70467
         368959.16   3859239.89   2.78658   368949.26
3859240.16   2.87503
         368939.37   3859240.42   2.97263   368929.47
3859240.68   3.08340
         368919.58   3859240.95   3.21199   368909.68
3859241.21   3.36398
         368899.79   3859241.47   3.54808   368889.89
3859241.74   3.77661
         368879.50   3859232.10   3.87794   368879.00
3859222.20   3.77029
         368878.50   3859212.30   3.70140   368878.00
3859202.40   3.65019
         368877.50   3859192.50   3.62075   368877.00
3859182.60   3.61260
         368876.50   3859172.70   3.61852   368876.00
3859162.80   3.62058
         368875.50   3859152.90   3.64218   368884.76
3859142.71   3.50258
         368894.52   3859142.43   3.34491   368904.29
3859142.14   3.22311
         368914.05   3859141.86   3.12528   368923.81
3859141.57   3.04783
         368933.57   3859141.29   2.98642   368943.33
3859141.00   2.93156
         368953.10   3859140.71   2.88099   368962.86
3859140.43   2.83298
         368972.62   3859140.14   2.78671   368982.38
3859139.86   2.74059
         368992.14   3859139.57   2.69435   369001.90
3859139.29   2.64646

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                               *** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   PAREA3   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
369011.67	3859139.00	2.59659	369021.43	3859138.71	2.54326
369031.19	3859138.43	2.48434	369040.95	3859138.14	2.41787
369050.71	3859137.86	2.33851	369060.48	3859137.57	2.23551
369070.24	3859137.29	2.08574	369079.50	3859127.15	1.98530
369079.00	3859117.30	2.03543	369078.50	3859107.45	2.05614
369078.00	3859097.60	2.04965	369077.50	3859087.75	2.04002
369077.00	3859077.90	2.01985	369076.50	3859068.05	1.98751
369076.00	3859058.20	1.92894	369075.50	3859048.35	1.85534
369075.00	3859038.50	1.77184	369074.50	3859028.65	1.68940
369074.00	3859018.80	1.59800	369073.50	3859008.95	1.49164
369073.00	3858999.10	1.36814	369072.50	3858989.25	1.23060
369072.00	3858979.40	1.08927	369071.50	3858969.55	0.95756
369071.00	3858959.70	0.84240	369070.50	3858949.85	0.74802
369060.10	3858940.38	0.72847	369050.19	3858940.76	0.79091
369040.29	3858941.14	0.86360	369030.38	3858941.52	0.94055
369020.48	3858941.90	1.01496	369010.57	3858942.29	1.08384
369000.67	3858942.67	1.14623	368990.76	3858943.05	1.20302
368980.86	3858943.43	1.25504	368970.95	3858943.81	1.30336
368961.05	3858944.19	1.34880	368951.14	3858944.57	1.39225
368941.24	3858944.95	1.43444	368931.33	3858945.33	1.47618
368921.43	3858945.71	1.51816	368911.52	3858946.10	1.56176
368901.62	3858946.48	1.60695	368891.71		

3858946.86   1.65515
         368881.81   3858947.24   1.70693   368871.90
3858947.62   1.76782
         368854.86   3858941.14   1.70450   368847.72
3858934.28   1.58662
         368840.59   3858927.41   1.48756   368833.45
3858920.55   1.40518
         368826.31   3858913.69   1.33493   368819.17
3858906.83   1.27331
         368812.03   3858899.97   1.22177   368804.90
3858893.10   1.17830
         368797.76   3858886.24   1.14178   368790.62
3858879.38   1.11356
         368783.48   3858872.52   1.08982   368776.34
3858865.66   1.06952
         368769.21   3858858.79   1.05199   368762.07
3858851.93   1.03521
         368754.93   3858845.07   1.01908   368747.79
3858838.21   1.00472
         368740.66   3858831.34   0.99188   368733.52
3858824.48   0.98093
         368726.38   3858817.62   0.97393   368719.24
3858810.76   0.96776
         368712.10   3858803.90   0.96202   368704.97
3858797.03   0.95599
         368697.83   3858790.17   0.94650   368690.69
3858783.31   0.93434
         368683.55   3858776.45   0.91797   368676.41
3858769.59   0.89382
         368669.28   3858762.72   0.85793   368662.14
3858755.86   0.81790
         368645.33   3858749.14   0.85553   368635.67
3858749.29   0.92551
         368626.00   3858749.43   0.98652   368616.33
3858749.57   1.03646
         368606.67   3858749.71   1.07626   368597.00
3858749.86   1.10799

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

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VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   PAREA3   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
368587.33	3858750.00	1.13216	368577.67	3858750.14	1.15034
368568.00	3858750.29	1.16323	368558.33	3858750.43	1.17105
368548.67	3858750.57	1.17426	368539.00	3858750.71	1.17320
368529.33	3858750.86	1.16785	368519.67	3858751.00	1.15792
368510.00	3858751.14	1.14303	368500.33	3858751.29	1.12265
368490.67	3858751.43	1.09416	368481.00	3858751.57	1.05511
368471.33	3858751.71	1.00220	368461.67	3858751.86	0.93655
368452.35	3858761.82	0.96122	368452.71	3858771.65	1.04982
368453.06	3858781.47	1.11806	368453.41	3858791.29	1.17068
368453.76	3858801.12	1.21220	368454.12	3858810.94	1.24619
368454.47	3858820.76	1.27607	368454.82	3858830.59	1.30603
368455.18	3858840.41	1.33747	368455.53	3858850.24	1.36792
368455.88	3858860.06	1.39448	368456.24	3858869.88	1.41666
368456.59	3858879.71	1.43790	368456.94	3858889.53	1.46159
368457.29	3858899.35	1.48941	368457.65	3858909.18	1.51766
368458.00	3858919.00	1.54553	368458.35	3858928.82	1.57320
368458.71	3858938.65	1.60068	368459.06	3858948.47	1.62506
368459.41	3858958.29	1.64141	368459.76	3858968.12	1.65729
368460.12	3858977.94	1.67514	368460.47	3858987.76	1.70116
368460.82	3858997.59	1.72745	368461.18		

3859007.41   1.75190
         368461.53   3859017.24   1.76564   368461.88
3859027.06   1.77894
         368462.24   3859036.88   1.79376   368462.59
3859046.71   1.81941
         368462.94   3859056.53   1.84572   368463.29
3859066.35   1.87134
         368463.65   3859076.18   1.88405   368464.00
3859086.00   1.89647
         368464.35   3859095.82   1.90885   368464.71
3859105.65   1.93525
         368465.06   3859115.47   1.96066   368465.41
3859125.29   1.98457
         368465.76   3859135.12   2.00761   368466.12
3859144.94   2.02363
         368466.47   3859154.76   2.03300   368466.82
3859164.59   2.04435
         368467.18   3859174.41   2.05807   368467.53
3859184.24   2.07332
         368467.88   3859194.06   2.07904   368468.24
3859203.88   2.08653
         368468.59   3859213.71   2.09882   368468.94
3859223.53   2.13266
         368469.29   3859233.35   2.18672   368469.65
3859243.18   2.27127

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   PAREA3   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF DPM   IN MICROGRAMS/M**3
                    **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        367605.00   3858265.00   43.20412 (12112318)   367605.00

3858290.00 42.67868 (12112318)
367605.00 3858315.00 41.83773 (12112318) 367605.00
3858340.00 40.70648 (12112318)
367605.00 3858365.00 39.35763 (12112318) 367605.00
3858390.00 37.84265 (12112318)
367605.00 3858415.00 36.20130 (12112318) 367605.00
3858440.00 34.44859 (12112318)
367605.00 3858465.00 33.80565 (19012318) 367605.00
3858490.00 34.40474 (20122418)
367605.00 3858515.00 36.72313 (20122418) 367605.00
3858540.00 38.73649 (20122418)
367605.00 3858565.00 40.32751 (20122418) 367605.00
3858590.00 41.36874 (20122418)
367605.00 3858615.00 41.99737 (20122418) 367605.00
3858640.00 42.37962 (20122418)
367605.00 3858665.00 44.88528 (16091618) 367605.00
3858690.00 51.52722 (16091618)
367605.00 3858715.00 57.63449 (16091618) 367605.00
3858740.00 62.59423 (16091618)
367605.00 3858765.00 67.75227 (16091618) 367605.00
3858790.00 73.84982 (16091618)
367605.00 3858815.00 80.36755 (16091618) 367605.00
3858840.00 88.03044 (16091618)
367605.00 3858865.00 95.15060 (16091618) 367605.00
3858890.00 99.26599 (16091618)
367605.00 3858915.00 102.40373 (16091618) 367605.00
3858940.00 102.30872 (16091618)
367605.00 3858965.00 100.21975 (16091618) 367605.00
3858990.00 98.46096 (16091618)
367605.00 3859015.00 96.58778 (16091618) 367605.00
3859040.00 91.60084 (16091618)
367605.00 3859065.00 80.05426 (16091618) 367605.00
3859090.00 80.20428 (12093018)
367605.00 3859115.00 81.63713 (12093018) 367605.00
3859140.00 80.50198 (12093018)
367605.00 3859165.00 72.88657 (12093018) 367605.00
3859190.00 57.49363 (12093018)
367605.00 3859215.00 50.87251 (16011017) 367605.00
3859240.00 44.88028 (16011017)
367605.00 3859265.00 38.72463 (12093018) 367605.00
3859290.00 37.17932 (12093018)
367605.00 3859315.00 37.78180 (12093018) 367605.00
3859340.00 39.61053 (12093018)
367605.00 3859365.00 38.01571 (12093018) 367605.00
3859390.00 35.46684 (16011017)
367605.00 3859415.00 36.28943 (16011017) 367605.00
3859440.00 36.26616 (16011017)
367605.00 3859465.00 35.75929 (16011017) 367605.00
3859490.00 34.52309 (16011017)
367605.00 3859515.00 30.53351 (12101418) 367605.00

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 3859540.00       28.17197  (12101418)
       367605.00   3859565.00       25.00109  (12101418)               367605.00
 3859590.00       23.46494  (16091718)
       367605.00   3859615.00       22.60667  (16091718)               367605.00
 3859640.00       21.55814  (16091718)
       367605.00   3859665.00       19.88371  (16091718)               367605.00
 3859690.00       17.66294  (16091718)
       367605.00   3859715.00       15.44419  (17121517)               367605.00
 3859740.00       15.24081  (17121517)
       367605.00   3859765.00       14.96850  (17121517)               367605.00
 3859790.00       14.24414  (17121517)
       367605.00   3859815.00       12.91047  (17121317)               367605.00
 3859840.00       12.53419  (16021309)
       367605.00   3859865.00       12.60182  (16021309)               367630.00
 3858265.00       45.86381  (12112318)
       367630.00   3858290.00       45.87044  (12112318)               367630.00
 3858315.00       45.62028  (12112318)
       367630.00   3858340.00       44.94291  (12112318)               367630.00
 3858365.00       44.00718  (12112318)
       367630.00   3858390.00       42.77134  (12112318)               367630.00
 3858415.00       41.32293  (12112318)
       367630.00   3858440.00       39.69302  (12112318)               367630.00
 3858465.00       37.96733  (12112318)
       367630.00   3858490.00       36.11631  (12112318)               367630.00
 3858515.00       35.71117  (20122418)
       367630.00   3858540.00       38.24787  (20122418)               367630.00
 3858565.00       40.39085  (20122418)
       367630.00   3858590.00       41.96931  (20122418)               367630.00
 3858615.00       43.22252  (20122418)
↑ *** AERMOD - VERSION 24142  ***   ***
C:\Users\DWaymire\Documents\AERMOD\Euismod2\Euismod2.isc             ***
06/08/26
 *** AERMET - VERSION  19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
HRA                          ***        18:18:49

                                  PAGE 125
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL
ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                    INCLUDING SOURCE(S):     PAREA3      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF DPM      IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
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Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PAREA3   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367655.00	3859015.00	108.55140	(16091618)	367655.00	3859040.00	102.98171	(16091618)
367655.00	3859065.00	96.14194	(16091618)	367655.00	3859090.00	94.66647	(12093018)
367655.00	3859115.00	93.90959	(12093018)	367655.00	3859140.00	90.62438	(12093018)
367655.00	3859165.00	80.62591	(12093018)	367655.00	3859190.00	63.90127	(16011017)
367655.00	3859215.00	56.29957	(16011017)	367655.00	3859240.00	50.58187	(16011017)
367655.00	3859265.00	44.45043	(12093018)	367655.00	3859290.00	43.17377	(12093018)
367655.00	3859315.00	43.74510	(12093018)	367655.00	3859340.00	44.73485	(12093018)
367655.00	3859365.00	43.85700	(12093018)	367655.00	3859390.00	42.30810	(16011017)
367655.00	3859415.00	42.69196	(16011017)	367655.00	3859440.00	43.63820	(16011017)
367655.00	3859465.00	44.00934	(16011017)	367655.00	3859490.00	41.26486	(16011017)
367655.00	3859515.00	35.56182	(16011017)	367655.00	3859540.00	30.53857	(12101418)
367655.00	3859565.00	26.39003	(16091718)	367655.00	3859590.00	25.84749	(16091718)
367655.00	3859615.00	24.68247	(16091718)	367655.00	3859640.00	22.80957	(16091718)
367655.00	3859665.00	19.81632	(16091718)	367655.00	3859690.00	18.08703	(17121517)
367655.00	3859715.00	17.95333	(17121517)	367655.00	3859740.00	17.15425	(17121517)
367655.00	3859765.00	15.98483	(17121517)	367655.00	3859790.00	15.02939	(17121317)
367655.00	3859815.00	14.26515	(17121317)	367655.00	3859840.00	13.75261	(19102517)
367655.00	3859865.00	13.46283	(19102517)	367680.00	3858265.00	48.42897	(16092418)
367680.00	3858290.00	49.11603	(12112318)	367680.00	3858315.00	50.26476	(12112318)
367680.00	3858340.00	51.19485	(12112318)	367680.00	3858365.00	51.56546	(12112318)
367680.00	3858390.00	51.56033	(12112318)	367680.00	3858415.00	51.14505	(12112318)
367680.00	3858440.00	50.29993	(12112318)	367680.00			

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 3858465.00       49.10252  (12112318)
       367680.00   3858490.00       47.65479  (12112318)               367680.00
 3858515.00       45.96626  (12112318)
       367680.00   3858540.00       44.13031  (12112318)               367680.00
 3858565.00       42.19576  (12112318)
       367680.00   3858590.00       41.64416  (20122418)               367680.00
 3858615.00       44.20547  (20122418)
       367680.00   3858640.00       46.20875  (20122418)               367680.00
 3858665.00       47.78466  (20122418)
       367680.00   3858690.00       49.03426  (16091618)               367680.00
 3858715.00       56.54613  (16091618)
       367680.00   3858740.00       63.62453  (16091618)               367680.00
 3858765.00       70.12291  (16091618)
       367680.00   3858790.00       76.42967  (16091618)               367680.00
 3858815.00       84.11867  (16091618)
       367680.00   3858840.00       91.29095  (16091618)               367680.00
 3858865.00      100.63033  (16091618)
       367680.00   3858890.00      108.94553  (16091618)               367680.00
 3858915.00      113.19234  (16091618)
       367680.00   3858940.00      115.05286  (16091618)               367680.00
 3858965.00      116.00074  (16091618)
       367680.00   3858990.00      115.30558  (16091618)               367680.00
 3859015.00      113.21057  (16091618)
       367680.00   3859040.00      109.71348  (16091618)               367680.00
 3859065.00      101.52116  (16091618)
       367680.00   3859090.00      101.10612  (12093018)               367680.00
 3859115.00      100.44525  (12093018)
       367680.00   3859140.00       96.52457  (12093018)               367680.00
 3859165.00       85.99344  (12093018)
       367680.00   3859190.00       72.35011  (16011017)               367680.00
 3859215.00       61.87120  (16011017)
       367680.00   3859240.00       52.82775  (16011017)               367680.00
 3859265.00       46.61772  (12093018)
       367680.00   3859290.00       45.50183  (12093018)               367680.00
 3859315.00       46.27679  (12093018)
       367680.00   3859340.00       47.45335  (12093018)               367680.00
 3859365.00       46.38860  (12093018)
 *** AERMOD - VERSION 24142  ***   ***
C:\Users\DWaymire\Documents\AERMOD\Euismod2\Euismod2.isc             ***
06/08/26
 *** AERMET - VERSION  19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
HRA                        ***        18:18:49

                                  PAGE 127
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL
ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     PAREA3      ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367680.00	3859390.00	45.86110	(16011017)	367680.00	3859415.00	46.02996	(16011017)
367680.00	3859440.00	46.16829	(16011017)	367680.00	3859465.00	45.30033	(16011017)
367680.00	3859490.00	42.22296	(16011017)	367680.00	3859515.00	37.03983	(16011017)
367680.00	3859540.00	32.05436	(12101418)	367680.00	3859565.00	27.98385	(16091718)
367680.00	3859590.00	26.83421	(16091718)	367680.00	3859615.00	25.24341	(16091718)
367680.00	3859640.00	23.01132	(16091718)	367680.00	3859665.00	20.61726	(17121517)
367680.00	3859690.00	20.29013	(17121517)	367680.00	3859715.00	19.95403	(17121517)
367680.00	3859740.00	18.80827	(17121517)	367680.00	3859765.00	17.17418	(17121517)
367680.00	3859790.00	16.47526	(17121317)	367680.00	3859815.00	15.45795	(17121317)
367680.00	3859840.00	15.06098	(19102517)	367680.00	3859865.00	14.80638	(19102517)
367705.00	3858265.00	53.81860	(16092418)	367705.00	3858290.00	53.48557	(16092418)
367705.00	3858315.00	53.00073	(16092418)	367705.00	3858340.00	52.35201	(16092418)
367705.00	3858365.00	53.67012	(12112318)	367705.00	3858390.00	54.56955	(12112318)
367705.00	3858415.00	54.98660	(12112318)	367705.00	3858440.00	54.93543	(12112318)
367705.00	3858465.00	54.42477	(12112318)	367705.00	3858490.00	53.46523	(12112318)
367705.00	3858515.00	52.16622	(12112318)	367705.00	3858540.00	50.59008	(12112318)
367705.00	3858565.00	48.79784	(12112318)	367705.00	3858590.00	46.86646	(12112318)
367705.00	3858615.00	44.88694	(12112318)	367705.00	3858640.00	46.42248	(20122418)
367705.00	3858665.00	48.72134	(20122418)	367705.00	3858690.00	50.40650	(20122418)
367705.00	3858715.00	56.02602	(16091618)	367705.00			

3858740.00   63.73895 (16091618)
       367705.00   3858765.00   70.41920 (16091618)   367705.00
3858790.00   76.92238 (16091618)
       367705.00   3858815.00   84.64538 (16091618)   367705.00
3858840.00   93.96455 (16091618)
       367705.00   3858865.00   104.01846 (16091618)   367705.00
3858890.00   111.04538 (16091618)
       367705.00   3858915.00   116.33625 (16091618)   367705.00
3858940.00   119.50557 (16091618)
       367705.00   3858965.00   121.88596 (16091618)   367705.00
3858990.00   121.55156 (16091618)
       367705.00   3859015.00   119.56024 (16091618)   367705.00
3859040.00   117.81350 (16091618)
       367705.00   3859065.00   108.96720 (16091618)   367705.00
3859090.00   105.67349 (12093018)
       367705.00   3859115.00   106.31255 (12093018)   367705.00
3859140.00   102.64841 (12093018)
       367705.00   3859165.00   90.62606 (12093018)   367705.00
3859190.00   78.29529 (16011017)
       367705.00   3859215.00   65.32180 (16011017)   367705.00
3859240.00   56.09156 (16011717)
       367705.00   3859265.00   48.93379 (12093018)   367705.00
3859290.00   47.98480 (12093018)
       367705.00   3859315.00   49.04216 (12093018)   367705.00
3859340.00   50.22232 (12093018)
       367705.00   3859365.00   49.07245 (16011017)   367705.00
3859390.00   49.60412 (16011017)
       367705.00   3859415.00   49.61409 (16011017)   367705.00
3859440.00   49.08256 (16011017)
       367705.00   3859465.00   47.34770 (16011017)   367705.00
3859490.00   43.62411 (16011017)
       367705.00   3859515.00   38.47344 (16011017)   367705.00
3859540.00   32.99012 (12101418)
       367705.00   3859565.00   29.73804 (16091718)   367705.00
3859590.00   28.29715 (16091718)
       367705.00   3859615.00   26.18873 (16091718)   367705.00
3859640.00   23.41894 (16091718)
       367705.00   3859665.00   22.32745 (17121517)   367705.00
3859690.00   21.48671 (17121517)
       367705.00   3859715.00   20.75809 (17121517)   367705.00
3859740.00   19.31025 (17121517)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367705.00	3859765.00	17.85479	(17121317)	367705.00	3859790.00	16.87844	(17121317)
367705.00	3859815.00	15.85645	(19102517)	367705.00	3859840.00	15.72773	(19102517)
367705.00	3859865.00	15.34534	(19102517)	367730.00	3858265.00	58.57894	(16092418)
367730.00	3858290.00	58.66667	(16092418)	367730.00	3858315.00	58.80206	(16092418)
367730.00	3858340.00	58.57408	(16092418)	367730.00	3858365.00	58.21385	(16092418)
367730.00	3858390.00	57.65037	(16092418)	367730.00	3858415.00	57.51370	(12112318)
367730.00	3858440.00	58.48728	(12112318)	367730.00	3858465.00	58.88106	(12112318)
367730.00	3858490.00	58.78635	(12112318)	367730.00	3858515.00	58.14652	(12112318)
367730.00	3858540.00	57.08929	(12112318)	367730.00	3858565.00	55.67510	(12112318)
367730.00	3858590.00	54.02970	(12112318)	367730.00	3858615.00	52.19066	(12112318)
367730.00	3858640.00	50.12839	(12112318)	367730.00	3858665.00	49.00009	(20122418)
367730.00	3858690.00	51.52143	(20122418)	367730.00	3858715.00	55.34196	(16091618)
367730.00	3858740.00	63.72167	(16091618)	367730.00	3858765.00	70.84771	(16091618)
367730.00	3858790.00	77.58030	(16091618)	367730.00	3858815.00	85.16897	(16091618)
367730.00	3858840.00	94.69831	(16091618)	367730.00	3858865.00	105.55389	(16091618)
367730.00	3858890.00	113.25949	(16091618)	367730.00	3858915.00	119.76076	(16091618)
367730.00	3858940.00	125.28679	(16091618)	367730.00	3858965.00	127.84517	(16091618)
367730.00	3858990.00	128.18852	(16091618)	367730.00			

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 3859015.00      127.10976  (16091618)
       367730.00   3859040.00      124.68541  (16091618)                367730.00
 3859065.00      116.51488  (16091618)
       367730.00   3859090.00      110.75834  (12093018)                367730.00
 3859115.00      112.74820  (12093018)
       367730.00   3859140.00      109.45086  (12093018)                367730.00
 3859165.00       94.43216  (12093018)
       367730.00   3859190.00       79.65174  (16011017)                367730.00
 3859215.00       68.78489  (16011717)
       367730.00   3859240.00       58.73759  (16011717)                367730.00
 3859265.00       55.69746  (12111217)
       367730.00   3859290.00       52.43049  (12111217)                367730.00
 3859315.00       52.00843  (12093018)
       367730.00   3859340.00       53.21579  (12093018)                367730.00
 3859365.00       53.19089  (16011017)
       367730.00   3859390.00       53.57575  (16011017)                367730.00
 3859415.00       53.49309  (16011017)
       367730.00   3859440.00       52.60942  (16011017)                367730.00
 3859465.00       50.17819  (16011017)
       367730.00   3859490.00       45.79261  (16011017)                367730.00
 3859515.00       39.79774  (16011017)
       367730.00   3859540.00       33.39119  (16011017)                367730.00
 3859565.00       31.28272  (16091718)
       367730.00   3859590.00       29.53338  (16091718)                367730.00
 3859615.00       26.92686  (16091718)
       367730.00   3859640.00       23.76330  (17121517)                367730.00
 3859665.00       23.77405  (17121517)
       367730.00   3859690.00       22.54733  (17121517)                367730.00
 3859715.00       21.41859  (17121517)
       367730.00   3859740.00       19.84827  (17121317)                367730.00
 3859765.00       18.62424  (17121317)
       367730.00   3859790.00       17.16902  (17121317)                367730.00
 3859815.00       16.82277  (19102517)
       367730.00   3859840.00       16.32080  (19102517)                367730.00
 3859865.00       15.69289  (19102517)
       367755.00   3858265.00       62.20965  (16092418)                367755.00
 3858290.00       62.94567  (16092418)
       367755.00   3858315.00       63.67646  (16092418)                367755.00
 3858340.00       64.25175  (16092418)
       367755.00   3858365.00       64.37572  (16092418)                367755.00
 3858390.00       64.38417  (16092418)
       367755.00   3858415.00       64.19041  (16092418)                367755.00
 3858440.00       63.67637  (16092418)
       367755.00   3858465.00       63.15668  (16092418)                367755.00
 3858490.00       62.89746  (12112318)
 *** AERMOD - VERSION 24142  ***   ***
C:\Users\DWaymire\Documents\AERMOD\Euismod2\Euismod2.isc             ***
06/08/26
 *** AERMET - VERSION  19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
HRA                          ***        18:18:49
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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   PAREA3   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF DPM   IN MICROGRAMS/M**3
                  **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367755.00	3858515.00	63.25698	(12112318)	367755.00	3858540.00	63.14504	(12112318)
367755.00	3858565.00	62.45069	(12112318)	367755.00	3858590.00	61.33274	(12112318)
367755.00	3858615.00	59.87105	(12112318)	367755.00	3858640.00	58.10791	(12112318)
367755.00	3858665.00	56.19556	(12112318)	367755.00	3858690.00	54.18415	(12112318)
367755.00	3858715.00	54.69802	(20122418)	367755.00	3858740.00	63.55892	(16091618)
367755.00	3858765.00	71.47991	(16091618)	367755.00	3858790.00	78.39985	(16091618)
367755.00	3858815.00	85.75640	(16091618)	367755.00	3858840.00	95.10689	(16091618)
367755.00	3858865.00	106.53697	(16091618)	367755.00	3858890.00	118.03446	(16091618)
367755.00	3858915.00	125.01535	(16091618)	367755.00	3858940.00	131.97232	(16091618)
367755.00	3858965.00	133.58649	(16091618)	367755.00	3859090.00	117.44243	(12093018)
367755.00	3859115.00	119.58021	(12093018)	367755.00	3859140.00	115.81792	(12093018)
367755.00	3859165.00	99.72925	(16011017)	367755.00	3859190.00	78.93014	(16011017)
367755.00	3859215.00	73.56557	(12111217)	367755.00	3859240.00	69.60555	(12111217)
367755.00	3859265.00	64.12735	(12111217)	367755.00	3859290.00	57.96326	(12111217)
367755.00	3859315.00	55.22529	(12093018)	367755.00	3859340.00	56.40364	(12093018)
367755.00	3859365.00	57.55360	(16011017)	367755.00			

3859390.00 57.83192 (16011017)
367755.00 3859415.00 57.60838 (16011017) 367755.00
3859440.00 56.32259 (16011017)
367755.00 3859465.00 52.98205 (16011017) 367755.00
3859490.00 47.60086 (16011017)
367755.00 3859515.00 41.02764 (16011017) 367755.00
3859540.00 34.04744 (16011017)
367755.00 3859565.00 32.36816 (16091718) 367755.00
3859590.00 30.19680 (16091718)
367755.00 3859615.00 27.07927 (16091718) 367755.00
3859640.00 25.43543 (17121517)
367755.00 3859665.00 25.16860 (17121517) 367755.00
3859690.00 23.47937 (17121517)
367755.00 3859715.00 21.88773 (17121517) 367755.00
3859740.00 20.81659 (17121317)
367755.00 3859765.00 19.37638 (17121317) 367755.00
3859790.00 17.81433 (19102517)
367755.00 3859815.00 17.89011 (19102517) 367755.00
3859840.00 16.91449 (19102517)
367755.00 3859865.00 15.95869 (19102517) 367780.00
3858265.00 64.47898 (16092418)
367780.00 3858290.00 66.09490 (16092418) 367780.00
3858315.00 67.25975 (16092418)
367780.00 3858340.00 68.59910 (16092418) 367780.00
3858365.00 69.46465 (16092418)
367780.00 3858390.00 70.22776 (16092418) 367780.00
3858415.00 70.77258 (16092418)
367780.00 3858440.00 70.90893 (16092418) 367780.00
3858465.00 71.05074 (16092418)
367780.00 3858490.00 70.66333 (16092418) 367780.00
3858515.00 70.27417 (16092418)
367780.00 3858540.00 69.60856 (16092418) 367780.00
3858565.00 68.71627 (16092418)
367780.00 3858590.00 68.19182 (12112318) 367780.00
3858615.00 67.52876 (12112318)
367780.00 3858640.00 66.37171 (12112318) 367780.00
3858665.00 64.88547 (12112318)
367780.00 3858690.00 63.82540 (16092418) 367780.00
3858715.00 62.88420 (16092418)
367780.00 3858740.00 63.31652 (16091618) 367780.00
3858765.00 72.01767 (16091618)
367780.00 3858790.00 79.22358 (16091618) 367780.00
3858815.00 86.73458 (16091618)
367780.00 3858840.00 95.96750 (16091618) 367780.00
3858865.00 107.34649 (16091618)
367780.00 3858890.00 120.06773 (16091618) 367780.00
3858915.00 132.61186 (16091618)
367780.00 3858940.00 141.95015 (16091618) 367780.00
3858965.00 142.11675 (16091618)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367780.00	3859190.00	84.46478	(12111217)	367780.00	3859215.00	85.08503	(12111217)
367780.00	3859240.00	76.86809	(12111217)	367780.00	3859265.00	68.24899	(12111217)
367780.00	3859290.00	60.01851	(12111217)	367780.00	3859315.00	58.74991	(12093018)
367780.00	3859340.00	59.83087	(12093018)	367780.00	3859365.00	62.21156	(16011017)
367780.00	3859390.00	62.44577	(16011017)	367780.00	3859415.00	62.00284	(16011017)
367780.00	3859440.00	60.09197	(16011017)	367780.00	3859465.00	55.72982	(16011017)
367780.00	3859490.00	49.27888	(16011017)	367780.00	3859515.00	41.93215	(16011017)
367780.00	3859540.00	35.20672	(16091718)	367780.00	3859565.00	33.32998	(16091718)
367780.00	3859590.00	31.02271	(16091718)	367780.00	3859615.00	28.12999	(17121517)
367780.00	3859640.00	27.10160	(17121517)	367780.00	3859665.00	26.43957	(17121517)
367780.00	3859690.00	24.24324	(17121517)	367780.00	3859715.00	22.56207	(17121317)
367780.00	3859740.00	21.37009	(17121317)	367780.00	3859765.00	19.75835	(17121317)
367780.00	3859790.00	19.08770	(19102517)	367780.00	3859815.00	18.48491	(19102517)
367780.00	3859840.00	17.61851	(19102517)	367780.00			

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3859865.00       16.23058  (19102517)
       367805.00   3858265.00       65.16347  (16092418)                367805.00
3858290.00       67.23104  (16092418)
       367805.00   3858315.00       69.46726  (16092418)                367805.00
3858340.00       71.29544  (16092418)
       367805.00   3858365.00       72.91144  (16092418)                367805.00
3858390.00       74.59006  (16092418)
       367805.00   3858415.00       76.21093  (16092418)                367805.00
3858440.00       77.47353  (16092418)
       367805.00   3858465.00       78.20889  (16092418)                367805.00
3858490.00       78.58671  (16092418)
       367805.00   3858515.00       78.99786  (16092418)                367805.00
3858540.00       78.98906  (16092418)
       367805.00   3858565.00       78.70110  (16092418)                367805.00
3858590.00       78.35572  (16092418)
       367805.00   3858615.00       77.69761  (16092418)                367805.00
3858640.00       76.93528  (16092418)
       367805.00   3858665.00       76.26173  (16092418)                367805.00
3858690.00       75.51023  (16092418)
       367805.00   3858715.00       74.85438  (16092418)                367805.00
3858740.00       74.31387  (16092418)
       367805.00   3858765.00       73.77101  (16092418)                367805.00
3858790.00       80.66404  (16091618)
       367805.00   3858815.00       87.96812  (16091618)                367805.00
3858840.00       96.81673  (16091618)
       367805.00   3858865.00      108.58464  (16091618)                367805.00
3858890.00      123.40076  (16091618)
       367805.00   3858915.00      138.20435  (16091618)                367805.00
3858940.00      149.70710  (16091618)
       367805.00   3858965.00      155.67149  (16091618)                367805.00
3859190.00       94.13312  (12111217)
       367805.00   3859215.00       91.29204  (12111217)                367805.00
3859240.00       80.03075  (12111217)
       367805.00   3859265.00       69.50128  (12111217)                367805.00
3859290.00       60.85017  (16011017)
       367805.00   3859315.00       62.55497  (12093018)                367805.00
3859340.00       63.53641  (12093018)
       367805.00   3859365.00       67.17521  (16011017)                367805.00
3859390.00       67.37915  (16011017)
       367805.00   3859415.00       66.71152  (16011017)                367805.00
3859440.00       63.88075  (16011017)
       367805.00   3859465.00       58.29335  (16011017)                367805.00
3859490.00       50.83618  (16011017)
       367805.00   3859515.00       42.72895  (16011017)                367805.00
3859540.00       36.54799  (16091718)
       367805.00   3859565.00       34.80390  (16091718)                367805.00
3859590.00       31.69018  (16091718)
       367805.00   3859615.00       30.09902  (17121517)                367805.00
3859640.00       28.70251  (17121517)
       367805.00   3859665.00       27.53471  (17121517)                367805.00
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367805.00	3859765.00	20.38950	(19102517)	367805.00	3859790.00	19.80613	(19102517)
367805.00	3859815.00	18.93255	(19102517)	367805.00	3859840.00	17.43196	(19102517)
367805.00	3859865.00	16.09922	(19102517)	367830.00	3858265.00	63.77255	(16092418)
367830.00	3858290.00	66.33236	(16092418)	367830.00	3858315.00	69.27849	(16092418)
367830.00	3858340.00	71.77366	(16092418)	367830.00	3858365.00	74.45265	(16092418)
367830.00	3858390.00	77.02336	(16092418)	367830.00	3858415.00	79.50985	(16092418)
367830.00	3858440.00	81.95184	(16092418)	367830.00	3858465.00	83.72510	(16092418)
367830.00	3858490.00	85.57349	(16092418)	367830.00	3858515.00	86.94624	(16092418)
367830.00	3858540.00	88.03731	(16092418)	367830.00	3858565.00	88.78182	(16092418)
367830.00	3858590.00	89.07489	(16092418)	367830.00	3858615.00	88.97996	(16092418)
367830.00	3858640.00	89.02809	(16092418)	367830.00	3858665.00	88.83548	(16092418)
367830.00	3858690.00	88.52173	(16092418)	367830.00			

3858715.00 88.21645 (16092418)
367830.00 3858740.00 88.11331 (16092418) 367830.00
3858765.00 88.06872 (16092418)
367830.00 3858790.00 88.20179 (16092418) 367830.00
3858815.00 89.78024 (16091618)
367830.00 3858840.00 98.75477 (16091618) 367830.00
3858865.00 110.80742 (16091618)
367830.00 3858890.00 126.85423 (16091618) 367830.00
3858915.00 142.87228 (16091618)
367830.00 3858940.00 156.73690 (16091618) 367830.00
3858965.00 165.60501 (16091618)
367830.00 3859190.00 98.90901 (12111217) 367830.00
3859215.00 93.49984 (12111217)
367830.00 3859240.00 80.42218 (12111217) 367830.00
3859265.00 68.85622 (12111217)
367830.00 3859290.00 67.38203 (16011017) 367830.00
3859315.00 69.16497 (16011017)
367830.00 3859340.00 68.55106 (16011017) 367830.00
3859365.00 72.37305 (16011017)
367830.00 3859390.00 72.63660 (16011017) 367830.00
3859415.00 71.60439 (16011017)
367830.00 3859440.00 67.63768 (16011017) 367830.00
3859465.00 60.66548 (16011017)
367830.00 3859490.00 52.19324 (16011017) 367830.00
3859515.00 43.43583 (16011017)
367830.00 3859540.00 38.57001 (16091718) 367830.00
3859565.00 35.79004 (16091718)
367830.00 3859590.00 32.46095 (16011717) 367830.00
3859615.00 31.33625 (17121517)
367830.00 3859640.00 30.14130 (17121517) 367830.00
3859665.00 28.41690 (17121517)
367830.00 3859690.00 26.69915 (17121317) 367830.00
3859715.00 24.31747 (17121317)
367830.00 3859740.00 21.91640 (17121317) 367830.00
3859765.00 21.24390 (19102517)
367830.00 3859790.00 20.37135 (19102517) 367830.00
3859815.00 19.25196 (19102517)
367830.00 3859840.00 17.79781 (19102517) 367830.00
3859865.00 16.37888 (19102517)
367855.00 3858265.00 60.69478 (16092418) 367855.00
3858290.00 63.74675 (16092418)
367855.00 3858315.00 66.89079 (16092418) 367855.00
3858340.00 69.90428 (16092418)
367855.00 3858365.00 73.37621 (16092418) 367855.00
3858390.00 76.72613 (16092418)
367855.00 3858415.00 80.04171 (16092418) 367855.00
3858440.00 83.62245 (16092418)
367855.00 3858465.00 86.58962 (16092418) 367855.00
3858490.00 90.01687 (16092418)
367855.00 3858515.00 92.74088 (16092418) 367855.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF DPM IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367855.00	3858540.00	95.36455	(16092418)	367855.00	3858565.00	97.65908	(16092418)
367855.00	3858590.00	99.10698	(16092418)	367855.00	3858615.00	100.11703	(16092418)
367855.00	3858640.00	101.48550	(16092418)	367855.00	3858665.00	102.07164	(16092418)
367855.00	3858690.00	102.35081	(16092418)	367855.00	3858715.00	102.75355	(16092418)
367855.00	3858740.00	103.51174	(16092418)	367855.00	3858765.00	104.44246	(16092418)
367855.00	3858790.00	105.31891	(16092418)	367855.00	3858815.00	106.71411	(16092418)
367855.00	3858840.00	108.54737	(16092418)	367855.00	3859190.00	105.19742	(12111217)
367855.00	3859215.00	93.10563	(12111217)	367855.00	3859240.00	79.34898	(12111217)
367855.00	3859265.00	70.49470	(16011017)	367855.00	3859290.00	73.69939	(16011017)
367855.00	3859315.00	76.47217	(16011017)	367855.00	3859340.00	76.00411	(16011017)
367855.00	3859365.00	78.08280	(16011017)	367855.00	3859390.00	78.26622	(16011017)
367855.00	3859415.00	76.56063	(16011017)	367855.00	3859440.00	71.17101	(16011017)
367855.00	3859465.00	62.85553	(16011017)	367855.00	3859490.00	53.65323	(16011017)

3859515.00 45.53621 (16011017)
367855.00 3859540.00 41.05239 (16011717) 367855.00
3859565.00 39.92764 (16011717)
367855.00 3859590.00 36.11103 (16011717) 367855.00
3859615.00 32.77539 (17121517)
367855.00 3859640.00 31.29680 (17121517) 367855.00
3859665.00 29.20277 (17121317)
367855.00 3859690.00 27.60272 (17121317) 367855.00
3859715.00 25.08873 (17121317)
367855.00 3859740.00 23.01435 (19102517) 367855.00
3859765.00 21.94899 (19102517)
367855.00 3859790.00 20.78516 (19102517) 367855.00
3859815.00 19.43305 (19102517)
367855.00 3859840.00 18.58614 (12111318) 367855.00
3859865.00 17.72706 (12111318)
367880.00 3858265.00 56.27029 (16092418) 367880.00
3858290.00 59.55523 (16092418)
367880.00 3858315.00 62.66058 (16092418) 367880.00
3858340.00 66.09930 (16092418)
367880.00 3858365.00 69.84398 (16092418) 367880.00
3858390.00 73.60203 (16092418)
367880.00 3858415.00 77.58009 (16092418) 367880.00
3858440.00 82.01284 (16092418)
367880.00 3858465.00 85.99357 (16092418) 367880.00
3858490.00 90.75557 (16092418)
367880.00 3858515.00 94.95597 (16092418) 367880.00
3858540.00 99.33886 (16092418)
367880.00 3858565.00 103.68488 (16092418) 367880.00
3858590.00 107.30240 (16092418)
367880.00 3858615.00 110.17303 (16092418) 367880.00
3858640.00 113.50367 (16092418)
367880.00 3858665.00 115.63338 (16092418) 367880.00
3858690.00 117.14789 (16092418)
367880.00 3858715.00 118.72812 (16092418) 367880.00
3858740.00 120.67742 (16092418)
367880.00 3858765.00 122.21339 (16092418) 367880.00
3858790.00 125.37972 (16092418)
367880.00 3858815.00 128.10468 (16092418) 367880.00
3859190.00 109.23325 (12111217)
367880.00 3859215.00 91.72662 (12111217) 367880.00
3859240.00 78.25685 (16011717)
367880.00 3859265.00 76.42604 (16011017) 367880.00
3859290.00 79.88527 (16011017)
367880.00 3859315.00 83.25020 (16011017) 367880.00
3859340.00 83.87267 (16011017)
367880.00 3859365.00 84.25326 (16011017) 367880.00
3859390.00 84.28448 (16011017)
367880.00 3859415.00 81.45815 (16011017) 367880.00
3859440.00 74.36055 (16011017)
367880.00 3859465.00 65.21256 (16011017) 367880.00

 3859490.00   55.98847 (16011017)
       367880.00   3859515.00   49.13404 (16011717)   367880.00
 3859540.00   48.76900 (16011717)
       367880.00   3859565.00   45.47367 (16011717)   367880.00
 3859590.00   40.56958 (16011717)
       367880.00   3859615.00   35.76773 (16011717)   367880.00
 3859640.00   32.18529 (17121517)
       367880.00   3859665.00   30.33923 (17121317)   367880.00
 3859690.00   28.24032 (17121317)
       367880.00   3859715.00   25.62626 (17121317)   367880.00
 3859740.00   24.19949 (19102517)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   PAREA3   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF DPM   IN MICROGRAMS/M**3
                    **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       367880.00   3859765.00   22.64115 (19102517)   367880.00
 3859790.00   21.65514 (12111318)
       367880.00   3859815.00   20.86204 (12111318)   367880.00
 3859840.00   19.89772 (12111318)
       367880.00   3859865.00   18.83391 (12111318)   367905.00
 3858265.00   50.95860 (16092418)
       367905.00   3858290.00   54.11586 (16092418)   367905.00
 3858315.00   57.15277 (16092418)
       367905.00   3858340.00   60.86854 (16092418)   367905.00
 3858365.00   64.49056 (16092418)
       367905.00   3858390.00   68.22921 (16092418)   367905.00
 3858415.00   72.39941 (16092418)
       367905.00   3858440.00   77.14548 (16092418)   367905.00
 3858465.00   81.97646 (16092418)
       367905.00   3858490.00   87.44211 (16092418)   367905.00

3858515.00 92.71822 (16092418)
367905.00 3858540.00 98.57855 (16092418) 367905.00
3858565.00 105.09143 (16092418)
367905.00 3858590.00 111.52806 (16092418) 367905.00
3858615.00 116.97953 (16092418)
367905.00 3858640.00 123.22376 (16092418) 367905.00
3858665.00 128.10561 (16092418)
367905.00 3858690.00 132.02848 (16092418) 367905.00
3858715.00 135.34524 (16092418)
367905.00 3858740.00 138.41294 (16092418) 367905.00
3858765.00 141.83459 (16092418)
367905.00 3859190.00 107.98238 (16011717) 367905.00
3859215.00 95.51205 (16011717)
367905.00 3859240.00 84.33986 (16011717) 367905.00
3859265.00 83.00136 (16011017)
367905.00 3859290.00 86.12886 (16011017) 367905.00
3859315.00 88.94178 (16011017)
367905.00 3859340.00 89.60765 (16011017) 367905.00
3859365.00 90.98306 (16011017)
367905.00 3859390.00 90.68813 (16011017) 367905.00
3859415.00 86.12697 (16011017)
367905.00 3859440.00 77.58121 (16011017) 367905.00
3859465.00 68.07244 (16011017)
367905.00 3859490.00 58.60707 (16011017) 367905.00
3859515.00 56.03095 (16011717)
367905.00 3859540.00 56.36747 (16011717) 367905.00
3859565.00 50.49741 (16011717)
367905.00 3859590.00 45.09330 (16011717) 367905.00
3859615.00 40.28900 (16011717)
367905.00 3859640.00 34.97328 (16011717) 367905.00
3859665.00 31.92114 (16011717)
367905.00 3859690.00 29.83587 (16011717) 367905.00
3859715.00 28.02047 (16011717)
367905.00 3859740.00 26.97245 (12111318) 367905.00
3859765.00 25.81531 (12111318)
367905.00 3859790.00 23.84223 (12111318) 367905.00
3859815.00 22.72342 (12111318)
367905.00 3859840.00 21.46728 (12111318) 367905.00
3859865.00 20.19487 (12111318)
367930.00 3858265.00 45.38543 (16092418) 367930.00
3858290.00 48.25096 (16092418)
367930.00 3858315.00 51.04948 (16092418) 367930.00
3858340.00 54.49012 (16092418)
367930.00 3858365.00 57.89333 (16092418) 367930.00
3858390.00 61.45299 (16092418)
367930.00 3858415.00 65.28915 (16092418) 367930.00
3858440.00 69.66725 (16092418)
367930.00 3858465.00 75.58862 (16092418) 367930.00
3858490.00 80.69745 (16092418)
367930.00 3858515.00 86.20428 (16092418) 367930.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF DPM IN MICROGRAMS/M**3
**

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M)
Y-COORD (M) CONC (YYMMDDHH)
- - - -

3859615.00 43.93857 (16011717)
367930.00 3859640.00 40.26382 (16011717) 367930.00
3859665.00 34.90116 (16011717)
367930.00 3859690.00 32.90553 (16011717) 367930.00
3859715.00 31.26661 (16011717)
367930.00 3859740.00 29.76487 (16011717) 367930.00
3859765.00 28.63461 (12111318)
367930.00 3859790.00 27.25388 (12111318) 367930.00
3859815.00 26.01313 (16011717)
367930.00 3859840.00 24.82565 (16011717) 367930.00
3859865.00 23.57334 (16011717)
367955.00 3858265.00 40.21715 (16092418) 367955.00
3858290.00 42.52727 (16092418)
367955.00 3858315.00 45.28674 (16092418) 367955.00
3858340.00 48.04373 (16092418)
367955.00 3858365.00 50.99563 (16092418) 367955.00
3858390.00 54.18830 (16092418)
367955.00 3858415.00 57.82516 (16092418) 367955.00
3858440.00 62.14069 (16092418)
367955.00 3858465.00 67.05017 (16092418) 367955.00
3858490.00 71.73541 (16092418)
367955.00 3858515.00 77.39494 (16092418) 367955.00
3858540.00 83.56772 (16092418)
367955.00 3858565.00 90.53324 (16092418) 367955.00
3858590.00 98.88482 (16092418)
367955.00 3858615.00 107.39263 (16092418) 367955.00
3858640.00 118.53737 (16092418)
367955.00 3858665.00 129.95255 (16092418) 367955.00
3858690.00 141.94841 (16092418)
367955.00 3858715.00 155.41519 (16092418) 367955.00
3858740.00 171.08027 (16092418)
367955.00 3859190.00 115.71361 (16011717) 367955.00
3859215.00 101.47851 (16011717)
367955.00 3859240.00 95.76869 (16011017) 367955.00
3859265.00 98.16680 (16011017)
367955.00 3859290.00 99.17500 (16011017) 367955.00
3859315.00 99.44540 (16011017)
367955.00 3859340.00 99.89941 (16011017) 367955.00
3859365.00 101.52647 (16011017)
367955.00 3859390.00 103.02975 (16011017) 367955.00
3859415.00 94.23122 (16011017)
367955.00 3859440.00 83.78087 (16011017) 367955.00
3859465.00 79.08190 (16011717)
367955.00 3859490.00 77.22335 (16011717) 367955.00
3859515.00 66.90445 (16011717)
367955.00 3859540.00 60.73736 (16011717) 367955.00
3859565.00 55.16824 (16011717)
367955.00 3859590.00 50.54254 (16011717) 367955.00
3859615.00 46.94311 (16011717)
367955.00 3859640.00 44.06932 (16011717) 367955.00

 3859665.00   41.41174 (16011717)
       367955.00   3859690.00   39.57682 (16011717)   367955.00
 3859715.00   36.02240 (16011717)
       367955.00   3859740.00   33.61881 (16011717)   367955.00
 3859765.00   32.26349 (16011717)
       367955.00   3859790.00   30.92360 (16011717)   367955.00
 3859815.00   29.52225 (16011717)
       367955.00   3859840.00   28.08746 (16011717)   367955.00
 3859865.00   26.58061 (16011717)
       367980.00   3858265.00   38.57233 (12112718)   367980.00
 3858290.00   40.06581 (12112718)
       367980.00   3858315.00   42.01026 (12112718)   367980.00
 3858340.00   43.70093 (12112718)
       367980.00   3858365.00   45.75198 (12112718)   367980.00
 3858390.00   47.86400 (12112718)
       367980.00   3858415.00   50.73176 (16092418)   367980.00
 3858440.00   54.51050 (16092418)
       367980.00   3858465.00   58.37096 (16092418)   367980.00
 3858490.00   62.82770 (16092418)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   PAREA3   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF DPM   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       367980.00   3858515.00   67.57337 (16092418)   367980.00
 3858540.00   72.95875 (16092418)
       367980.00   3858565.00   79.03445 (16092418)   367980.00
 3858590.00   85.73202 (16092418)
       367980.00   3858615.00   93.18278 (16092418)   367980.00
 3858640.00   103.29071 (16092418)
       367980.00   3858665.00   114.41239 (16092418)   367980.00

3858690.00 128.25380 (16092418)
367980.00 3858715.00 146.18134 (16092418) 367980.00
3858740.00 168.18271 (16092418)
367980.00 3859190.00 122.99295 (16011717) 367980.00
3859215.00 106.19621 (16011717)
367980.00 3859240.00 104.50127 (16011017) 367980.00
3859265.00 106.87084 (16011017)
367980.00 3859290.00 107.52750 (16011017) 367980.00
3859315.00 107.58498 (16011017)
367980.00 3859340.00 108.17484 (16011017) 367980.00
3859365.00 109.32796 (16011017)
367980.00 3859390.00 108.82114 (16011017) 367980.00
3859415.00 97.37668 (16011017)
367980.00 3859440.00 87.03460 (16011717) 367980.00
3859465.00 86.99145 (16011717)
367980.00 3859490.00 83.25628 (16011717) 367980.00
3859515.00 73.58963 (16011717)
367980.00 3859540.00 63.79404 (16011717) 367980.00
3859565.00 57.90036 (16011717)
367980.00 3859590.00 53.79871 (16011717) 367980.00
3859615.00 50.66755 (16011717)
367980.00 3859640.00 48.28666 (16011717) 367980.00
3859665.00 46.36673 (16011717)
367980.00 3859690.00 44.68673 (16011717) 367980.00
3859715.00 42.41165 (16011717)
367980.00 3859740.00 39.30274 (16011717) 367980.00
3859765.00 36.54838 (16011717)
367980.00 3859790.00 34.99166 (16011717) 367980.00
3859815.00 33.32576 (16011717)
367980.00 3859840.00 33.50166 (16011717) 367980.00
3859865.00 32.01980 (16011717)
368005.00 3858265.00 41.22114 (12112718) 368005.00
3858290.00 42.78428 (12112718)
368005.00 3858315.00 44.82836 (12112718) 368005.00
3858340.00 46.57946 (12112718)
368005.00 3858365.00 48.83769 (12112718) 368005.00
3858390.00 51.26747 (12112718)
368005.00 3858415.00 53.79732 (12112718) 368005.00
3858440.00 56.48768 (12112718)
368005.00 3858465.00 59.15696 (12112718) 368005.00
3858490.00 62.82154 (12112718)
368005.00 3858515.00 66.31260 (12112718) 368005.00
3858540.00 70.50265 (12112718)
368005.00 3858565.00 75.31359 (12112718) 368005.00
3858590.00 80.16118 (12112718)
368005.00 3858615.00 86.29716 (12112718) 368005.00
3858640.00 93.38901 (12112718)
368005.00 3858665.00 101.91550 (12112718) 368005.00
3858690.00 112.90950 (12112718)
368005.00 3858715.00 126.78533 (12112718) 368005.00

3858740.00   143.20343 (12112718)
       368005.00   3859190.00   132.23955 (16011717)   368005.00
3859215.00   111.60714 (16011717)
       368005.00   3859240.00   112.32042 (16011017)   368005.00
3859265.00   113.68786 (16011017)
       368005.00   3859290.00   115.11803 (16011017)   368005.00
3859315.00   116.63835 (16011017)
       368005.00   3859340.00   117.80958 (16011017)   368005.00
3859365.00   118.64891 (16011017)
       368005.00   3859390.00   113.88883 (16011017)   368005.00
3859415.00   100.00149 (16011017)
       368005.00   3859440.00   95.31643 (16011717)   368005.00
3859465.00   91.46017 (16011717)
       368005.00   3859490.00   85.68043 (16011717)   368005.00
3859515.00   77.02079 (16011717)
       368005.00   3859540.00   68.56171 (16011717)   368005.00
3859565.00   63.46786 (16011717)
       368005.00   3859590.00   60.07227 (16011717)   368005.00
3859615.00   56.88751 (16011717)
       368005.00   3859640.00   53.62148 (16011717)   368005.00
3859665.00   53.74422 (16011717)
       368005.00   3859690.00   52.23310 (16011717)   368005.00
3859715.00   49.26186 (16011717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PAREA3   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF DPM   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       368005.00   3859740.00   45.91168 (16011717)   368005.00
3859765.00   43.19316 (16011717)
       368005.00   3859790.00   41.36661 (16011717)   368005.00

3859815.00 39.29612 (16011717)
368005.00 3859840.00 40.21582 (16011717) 368005.00
3859865.00 38.52080 (16011717)
368030.00 3858265.00 43.05964 (12112718) 368030.00
3858290.00 44.61481 (12112718)
368030.00 3858315.00 46.66981 (12112718) 368030.00
3858340.00 48.56287 (12112718)
368030.00 3858365.00 50.70264 (12112718) 368030.00
3858390.00 53.17084 (12112718)
368030.00 3858415.00 55.70724 (12112718) 368030.00
3858440.00 58.08116 (12112718)
368030.00 3858465.00 60.85922 (12112718) 368030.00
3858490.00 64.10723 (12112718)
368030.00 3858515.00 67.24684 (12112718) 368030.00
3858540.00 71.09994 (12112718)
368030.00 3858565.00 75.43513 (12112718) 368030.00
3858590.00 79.74752 (12112718)
368030.00 3858615.00 85.69209 (12112718) 368030.00
3858640.00 91.02421 (12112718)
368030.00 3858665.00 98.35709 (12112718) 368030.00
3858690.00 107.45346 (12112718)
368030.00 3858715.00 117.42260 (12112718) 368030.00
3858740.00 128.13621 (12112718)
368030.00 3859190.00 133.02771 (16011717) 368030.00
3859215.00 125.51458 (16011717)
368030.00 3859240.00 120.96759 (16011017) 368030.00
3859265.00 121.46666 (16011017)
368030.00 3859290.00 122.67685 (16011017) 368030.00
3859315.00 125.23601 (16011017)
368030.00 3859340.00 128.99846 (16011017) 368030.00
3859365.00 128.09521 (16011017)
368030.00 3859390.00 118.02684 (16011017) 368030.00
3859415.00 108.06172 (16011717)
368030.00 3859440.00 99.36634 (16011717) 368030.00
3859465.00 92.34823 (16011717)
368030.00 3859490.00 85.17640 (16011717) 368030.00
3859515.00 78.98833 (16011717)
368030.00 3859540.00 73.55696 (16011717) 368030.00
3859565.00 69.79483 (16011717)
368030.00 3859590.00 67.11778 (16011717) 368030.00
3859615.00 64.30048 (16011717)
368030.00 3859640.00 61.14374 (16011717) 368030.00
3859665.00 61.90907 (16011717)
368030.00 3859690.00 60.39629 (16011717) 368030.00
3859715.00 56.82326 (16011717)
368030.00 3859740.00 53.88833 (16011717) 368030.00
3859765.00 51.73310 (16011717)
368030.00 3859790.00 49.29350 (16011717) 368030.00
3859815.00 46.72925 (16011717)
368030.00 3859840.00 46.18796 (16011717) 368030.00

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 3859865.00       43.95180  (16011717)
       368055.00   3858265.00       44.05930  (12112718)               368055.00
 3858290.00       45.53889  (12112718)
       368055.00   3858315.00       47.50346  (12112718)               368055.00
 3858340.00       49.61182  (12112718)
       368055.00   3858365.00       51.52011  (12112718)               368055.00
 3858390.00       53.64739  (12112718)
       368055.00   3858415.00       55.95088  (12112718)               368055.00
 3858440.00       58.21116  (12112718)
       368055.00   3858465.00       61.00490  (12112718)               368055.00
 3858490.00       63.53364  (12112718)
       368055.00   3858515.00       66.08875  (12112718)               368055.00
 3858540.00       69.17312  (12112718)
       368055.00   3858565.00       72.61269  (12112718)               368055.00
 3858590.00       75.97112  (12112718)
       368055.00   3858615.00       80.17897  (12112718)               368055.00
 3858640.00       83.85971  (12112718)
       368055.00   3858665.00       88.35250  (12112718)               368055.00
 3858690.00       93.38931  (12112718)
       368055.00   3858715.00       98.07120  (12112718)               368055.00
 3858740.00      101.43349  (12112718)
       368055.00   3858765.00      104.35630  (12112718)               368055.00
 3858790.00      105.44845  (12112718)
       368055.00   3858815.00      110.95363  (16092418)               368055.00
 3858840.00      118.98181  (16092418)
       368055.00   3858865.00      127.62363  (16092418)               368055.00
 3858890.00      137.67693  (16092418)
 *** AERMOD - VERSION 24142  ***   ***
C:\Users\DWaymire\Documents\AERMOD\Euismod2\Euismod2.isc             ***
06/08/26
 *** AERMET - VERSION  19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
HRA                         ***        18:18:49

                                  PAGE 137
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL
ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     PAREA3      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF DPM      IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       368055.00   3858915.00      151.80514  (16092418)                368055.00
3858940.00      166.13261  (16092418)
       368055.00   3859190.00      142.76517  (16011717)                368055.00
3859215.00      143.13421  (16011717)
       368055.00   3859240.00      147.61138  (16011717)                368055.00
3859265.00      137.92711  (16011717)
       368055.00   3859290.00      134.61538  (16011717)                368055.00
3859315.00      134.34759  (16011717)
       368055.00   3859340.00      142.33472  (16011017)                368055.00
3859365.00      135.88425  (16011017)
       368055.00   3859390.00      125.12709  (16011717)                368055.00
3859415.00      110.78898  (16011717)
       368055.00   3859440.00       99.75021  (16011717)                368055.00
3859465.00       91.23423  (16011717)
       368055.00   3859490.00       84.01843  (16011717)                368055.00
3859515.00       81.19304  (16011717)
       368055.00   3859540.00       77.90121  (16011717)                368055.00
3859565.00       75.23191  (16011717)
       368055.00   3859590.00       73.20767  (16011717)                368055.00
3859615.00       71.54580  (16011717)
       368055.00   3859640.00       70.09869  (16011717)                368055.00
3859665.00       68.63644  (16011717)
       368055.00   3859690.00       66.86716  (16011717)                368055.00
3859715.00       64.82041  (16011717)
       368055.00   3859740.00       62.42509  (16011717)                368055.00
3859765.00       59.93025  (16011717)
       368055.00   3859790.00       57.40463  (16011717)                368055.00
3859815.00       53.60359  (16011717)
       368055.00   3859840.00       50.47265  (16011717)                368055.00
3859865.00       47.48194  (16011717)
       368080.00   3858265.00       44.25330  (12112718)                368080.00
3858290.00       45.61570  (12112718)
       368080.00   3858315.00       47.41763  (12112718)                368080.00
3858340.00       49.33847  (12112718)
       368080.00   3858365.00       51.38336  (12112718)                368080.00
3858390.00       53.22466  (12112718)
       368080.00   3858415.00       55.11170  (12112718)                368080.00
3858440.00       57.37934  (12112718)
       368080.00   3858465.00       59.21235  (12112718)                368080.00
3858490.00       61.79997  (12112718)
       368080.00   3858515.00       63.95549  (12112718)                368080.00
3858540.00       65.96741  (12112718)
       368080.00   3858565.00       68.31074  (12112718)                368080.00
3858590.00       71.13370  (12112718)
       368080.00   3858615.00       73.14043  (12112718)                368080.00
3858640.00       76.08232  (12112718)
       368080.00   3858665.00       78.05523  (12112718)                368080.00
3858690.00       80.14883  (12112718)
       368080.00   3858715.00       82.43483  (12112718)                368080.00
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF DPM IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368105.00	3858315.00	46.56408	(12112718)	368105.00	3858340.00	48.25842	(12112718)
368105.00	3858365.00	50.04804	(12112718)	368105.00	3858390.00	51.88303	(12112718)
368105.00	3858415.00	53.60322	(12112718)	368105.00	3858440.00	55.17790	(12112718)
368105.00	3858465.00	57.18700	(12112718)	368105.00	3858490.00	58.76551	(12112718)
368105.00	3858515.00	60.75482	(12112718)	368105.00	3858540.00	62.52124	(12112718)
368105.00	3858565.00	64.00037	(12112718)	368105.00	3858590.00	65.60611	(12112718)
368105.00	3858615.00	67.71366	(12112718)	368105.00	3858640.00	69.08335	(12112718)
368105.00	3858665.00	70.92095	(12112718)	368105.00	3858690.00	72.48454	(12112718)
368105.00	3858715.00	74.12090	(12112718)	368105.00	3858740.00	76.72748	(12112718)
368105.00	3858765.00	80.93741	(16020918)	368105.00	3858790.00	86.56311	(16092418)
368105.00	3858815.00	95.95316	(16092418)	368105.00	3858840.00	105.75901	(16092418)
368105.00	3858865.00	116.27236	(16092418)	368105.00	3858890.00	127.77372	(16092418)
368105.00	3858915.00	140.58985	(16092418)	368105.00	3858940.00	158.96637	(16092418)
368105.00	3859390.00	122.76934	(16011017)	368105.00	3859415.00	105.55256	(16011717)
368105.00	3859440.00	97.24783	(16011717)	368105.00	3859465.00	92.54059	(16011717)
368105.00	3859490.00	88.87533	(16011717)	368105.00	3859515.00	88.85210	(16011717)
368105.00	3859540.00	87.17756	(16011717)	368105.00	3859565.00	87.87263	(16011717)
368105.00	3859590.00	87.65349	(16011717)	368105.00	3859615.00	86.17297	(16011717)
368105.00	3859640.00	84.43655	(16011717)	368105.00	3859665.00	82.23505	(16011717)
368105.00	3859690.00	79.57102	(16011717)	368105.00	3859715.00	76.43939	(16011717)
368105.00	3859740.00	72.83301	(16011717)	368105.00	3859765.00	69.25814	(16011717)
368105.00	3859790.00	65.85741	(16011717)	368105.00	3859815.00	61.67702	(16011717)
368105.00	3859840.00	58.14968	(16011717)	368105.00			

3859865.00   54.77974 (16011717)
       368130.00   3858265.00   43.02125 (12112718)   368130.00
3858290.00   44.16012 (12112718)
       368130.00   3858315.00   45.47107 (12112718)   368130.00
3858340.00   46.65705 (12112718)
       368130.00   3858365.00   48.13419 (12112718)   368130.00
3858390.00   49.74779 (12112718)
       368130.00   3858415.00   51.36441 (12112718)   368130.00
3858440.00   52.88097 (12112718)
       368130.00   3858465.00   54.24231 (12112718)   368130.00
3858490.00   55.86220 (12112718)
       368130.00   3858515.00   57.32196 (12112718)   368130.00
3858540.00   58.60275 (12112718)
       368130.00   3858565.00   59.97121 (12112718)   368130.00
3858590.00   61.65362 (12112718)
       368130.00   3858615.00   63.13339 (12112718)   368130.00
3858640.00   64.40482 (12112718)
       368130.00   3858665.00   66.50866 (12112718)   368130.00
3858690.00   68.95332 (12112718)
       368130.00   3858715.00   71.50438 (12112718)   368130.00
3858740.00   74.42552 (12112718)
       368130.00   3858765.00   78.67873 (12112718)   368130.00
3858790.00   83.81261 (12112718)
       368130.00   3858815.00   88.78540 (12112718)   368130.00
3858840.00   95.07012 (12112718)
       368130.00   3858865.00   105.35189 (16092418)   368130.00
3858890.00   117.97129 (16092418)
       368130.00   3858915.00   131.97310 (16092418)   368130.00
3858940.00   149.10753 (16092418)
       368130.00   3859365.00   146.69866 (16011017)   368130.00
3859390.00   123.80168 (16011017)
       368130.00   3859415.00   106.99426 (16011717)   368130.00
3859440.00   101.16390 (16011717)
       368130.00   3859465.00   98.34489 (16011717)   368130.00
3859490.00   94.95361 (16011717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PAREA3   ,

                                           *** DISCRETE CARTESIAN RECEPTOR POINTS

***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368130.00	3859515.00	93.57655	(16011717)	368130.00	3859540.00	94.05489	(16011717)
368130.00	3859565.00	93.84608	(16011717)	368130.00	3859590.00	94.06398	(16011717)
368130.00	3859615.00	93.72517	(16011717)	368130.00	3859640.00	91.44975	(16011717)
368130.00	3859665.00	88.60294	(16011717)	368130.00	3859690.00	85.17204	(16011717)
368130.00	3859715.00	81.39336	(16011717)	368130.00	3859740.00	77.42858	(16011717)
368130.00	3859765.00	73.34267	(16011717)	368130.00	3859790.00	69.41581	(16011717)
368130.00	3859815.00	65.66421	(16011717)	368130.00	3859840.00	61.99168	(16011717)
368130.00	3859865.00	58.36369	(16011717)	368155.00	3858265.00	44.93710	(12112318)
368155.00	3858290.00	43.76138	(12112318)	368155.00	3858315.00	43.75241	(12112718)
368155.00	3858340.00	44.85897	(12112718)	368155.00	3858365.00	45.97432	(12112718)
368155.00	3858390.00	47.27048	(12112718)	368155.00	3858415.00	48.72821	(12112718)
368155.00	3858440.00	50.20545	(12112718)	368155.00	3858465.00	51.51493	(12112718)
368155.00	3858490.00	52.83526	(12112718)	368155.00	3858515.00	54.23936	(12112718)
368155.00	3858540.00	55.51764	(12112718)	368155.00	3858565.00	56.83211	(12112718)
368155.00	3858590.00	58.46406	(12112718)	368155.00	3858615.00	60.30308	(12112718)
368155.00	3858640.00	61.91988	(12112718)	368155.00	3858665.00	64.09691	(12112718)
368155.00	3858690.00	67.03754	(12112718)	368155.00	3858715.00	70.52212	(12112718)
368155.00	3858740.00	74.24248	(12112718)	368155.00	3858765.00	78.52808	(12112718)
368155.00	3858790.00	84.30014	(12112718)	368155.00	3858815.00	90.54207	(12112718)
368155.00	3858840.00	97.65817	(12112718)	368155.00	3858865.00	106.04024	(12112718)
368155.00	3858890.00	115.89047	(12112718)	368155.00			

3858915.00   126.35492 (12112718)
       368155.00   3858940.00   138.96618 (12112718)   368155.00
3859365.00   148.91174 (16011017)
       368155.00   3859390.00   123.73907 (12122517)   368155.00
3859415.00   112.42319 (12122517)
       368155.00   3859440.00   106.69934 (16011717)   368155.00
3859465.00   104.39953 (16011717)
       368155.00   3859490.00   103.03030 (16011717)   368155.00
3859515.00   100.79736 (16011717)
       368155.00   3859540.00   100.58938 (16011717)   368155.00
3859565.00   100.63305 (16011717)
       368155.00   3859590.00   100.32901 (16011717)   368155.00
3859615.00   99.47170 (16011717)
       368155.00   3859640.00   97.83288 (16011717)   368155.00
3859665.00   94.18601 (16011717)
       368155.00   3859690.00   90.11200 (16011717)   368155.00
3859715.00   85.79977 (16011717)
       368155.00   3859740.00   80.48980 (16011717)   368155.00
3859765.00   75.16665 (16011717)
       368155.00   3859790.00   71.51484 (16011717)   368155.00
3859815.00   69.60120 (16011717)
       368155.00   3859840.00   65.77614 (16011717)   368155.00
3859865.00   61.66616 (16011717)
       368180.00   3858265.00   48.42320 (12112318)   368180.00
3858290.00   47.77827 (12112318)
       368180.00   3858315.00   46.70758 (12112318)   368180.00
3858340.00   45.67637 (12112318)
       368180.00   3858365.00   44.32960 (12112318)   368180.00
3858390.00   44.84355 (12112718)
       368180.00   3858415.00   46.15697 (12112718)   368180.00
3858440.00   47.50606 (12112718)
       368180.00   3858465.00   48.78228 (12112718)   368180.00
3858490.00   49.97519 (12112718)
       368180.00   3858515.00   51.37955 (12112718)   368180.00
3858540.00   52.84218 (12112718)
       368180.00   3858565.00   54.28201 (12112718)   368180.00
3858590.00   55.79795 (12112718)
       368180.00   3858615.00   57.90898 (12112718)   368180.00
3858640.00   60.07975 (12112718)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   PAREA3   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF DPM   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        368180.00   3858665.00   62.32454 (12112718)   368180.00
 3858690.00   65.35068 (12112718)
        368180.00   3858715.00   69.16293 (12112718)   368180.00
 3858740.00   73.23640 (12112718)
        368180.00   3858765.00   77.64943 (12112718)   368180.00
 3858790.00   83.63862 (12112718)
        368180.00   3858815.00   90.23912 (12112718)   368180.00
 3858840.00   97.54161 (12112718)
        368180.00   3858865.00   106.11743 (12112718)   368180.00
 3858890.00   116.64999 (12112718)
        368180.00   3858915.00   128.64792 (12112718)   368180.00
 3858940.00   141.82676 (12112718)
        368180.00   3859365.00   153.94205 (16011017)   368180.00
 3859390.00   129.05426 (12122517)
        368180.00   3859415.00   120.18362 (12122517)   368180.00
 3859440.00   113.33379 (16011717)
        368180.00   3859465.00   111.39115 (16011717)   368180.00
 3859490.00   110.60061 (16011717)
        368180.00   3859515.00   108.47612 (16011717)   368180.00
 3859540.00   107.62506 (16011717)
        368180.00   3859565.00   107.34867 (16011717)   368180.00
 3859590.00   106.17085 (16011717)
        368180.00   3859615.00   104.25264 (16011717)   368180.00
 3859640.00   101.96187 (16011717)
        368180.00   3859665.00   97.56122 (16011717)   368180.00
 3859690.00   92.92274 (16011717)
        368180.00   3859715.00   88.39136 (16011717)   368180.00
 3859740.00   82.78196 (16011717)
        368180.00   3859765.00   77.26420 (16011717)   368180.00
 3859790.00   73.66022 (16011717)
        368180.00   3859815.00   71.91467 (16011717)   368180.00
 3859840.00   68.87041 (16011717)
        368180.00   3859865.00   64.40315 (16011717)   368205.00
 3858265.00   51.01354 (12112318)
        368205.00   3858290.00   51.23071 (12112318)   368205.00
 3858315.00   50.68375 (12112318)
        368205.00   3858340.00   49.80531 (12112318)   368205.00

3858365.00 49.01507 (12112318)
368205.00 3858390.00 48.07069 (12112318) 368205.00
3858415.00 46.86276 (12112318)
368205.00 3858440.00 45.35700 (12112318) 368205.00
3858465.00 45.86647 (12112718)
368205.00 3858490.00 47.32889 (12112718) 368205.00
3858515.00 48.51466 (12112718)
368205.00 3858540.00 49.95735 (12112718) 368205.00
3858565.00 51.63756 (12112718)
368205.00 3858590.00 53.24172 (12112718) 368205.00
3858615.00 54.93663 (12112718)
368205.00 3858640.00 57.58261 (12112718) 368205.00
3858665.00 59.96991 (12112718)
368205.00 3858690.00 62.96696 (12112718) 368205.00
3858715.00 66.44052 (12112718)
368205.00 3858740.00 69.89106 (12112718) 368205.00
3858765.00 74.81343 (12112718)
368205.00 3858790.00 80.28570 (12112718) 368205.00
3858815.00 85.93255 (12112718)
368205.00 3858840.00 93.09560 (12112718) 368205.00
3858865.00 101.66266 (12112718)
368205.00 3858890.00 110.82073 (12112718) 368205.00
3858915.00 124.10368 (12112718)
368205.00 3858940.00 138.43182 (12112718) 368205.00
3859365.00 153.99789 (16011017)
368205.00 3859390.00 134.81534 (16011717) 368205.00
3859415.00 123.71424 (16011717)
368205.00 3859440.00 121.06865 (16011717) 368205.00
3859465.00 119.47640 (16011717)
368205.00 3859490.00 116.97483 (16011717) 368205.00
3859515.00 115.23739 (16011717)
368205.00 3859540.00 115.36783 (16011717) 368205.00
3859565.00 112.76925 (16011717)
368205.00 3859590.00 110.75161 (16011717) 368205.00
3859615.00 108.27151 (16011717)
368205.00 3859640.00 103.55526 (16011717) 368205.00
3859665.00 99.16105 (16011717)
368205.00 3859690.00 94.29924 (16011717) 368205.00
3859715.00 89.73641 (16011717)
368205.00 3859740.00 85.48549 (16011717) 368205.00
3859765.00 81.38082 (16011717)
368205.00 3859790.00 77.27883 (16011717) 368205.00
3859815.00 72.77423 (16011717)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368205.00	3859840.00	70.45904	(16011717)	368205.00	3859865.00	65.85727	(16011717)
368230.00	3858265.00	52.78918	(12112318)	368230.00	3858290.00	53.71766	(12112318)
368230.00	3858315.00	53.86280	(12112318)	368230.00	3858340.00	53.61833	(12112318)
368230.00	3858365.00	53.42865	(12112318)	368230.00	3858390.00	53.00462	(12112318)
368230.00	3858415.00	52.03861	(12112318)	368230.00	3858440.00	50.54044	(12112318)
368230.00	3858465.00	49.26308	(12112318)	368230.00	3858490.00	47.79912	(12112318)
368230.00	3858515.00	45.80776	(12112318)	368230.00	3858540.00	46.79791	(12112718)
368230.00	3858565.00	48.23651	(12112718)	368230.00	3858590.00	50.11150	(12112718)
368230.00	3858615.00	51.65894	(12112718)	368230.00	3858640.00	54.03957	(12112718)
368230.00	3858665.00	56.16526	(12112718)	368230.00	3858690.00	58.79260	(12112718)
368230.00	3858715.00	61.78103	(12112718)	368230.00	3858740.00	64.70428	(12112718)
368230.00	3858765.00	68.85257	(12112718)	368230.00	3858790.00	72.42430	(12112718)
368230.00	3858815.00	77.46459	(12112718)	368230.00	3858840.00	83.71232	(12112718)
368230.00	3858865.00	90.54356	(12112718)	368230.00	3858890.00	97.96671	(12111218)
368230.00	3858915.00	114.31054	(12111218)	368230.00	3858940.00	140.35797	(12111218)
368230.00	3859365.00	151.26636	(16011017)	368230.00	3859390.00	141.24801	(16011717)
368230.00	3859415.00	137.39290	(16011717)	368230.00			

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 3859440.00      129.87066  (16011717)
       368230.00   3859465.00      126.44410  (16011717)                368230.00
 3859490.00      124.16499  (16011717)
       368230.00   3859515.00      124.42399  (16011717)                368230.00
 3859540.00      120.82806  (16011717)
       368230.00   3859565.00      116.31844  (16011717)                368230.00
 3859590.00      113.11275  (16011717)
       368230.00   3859615.00      109.71473  (16011717)                368230.00
 3859640.00      104.81541  (16011717)
       368230.00   3859665.00      102.75382  (16011717)                368230.00
 3859690.00       98.00718  (16011717)
       368230.00   3859715.00       93.57437  (16011717)                368230.00
 3859740.00       89.44077  (16011717)
       368230.00   3859765.00       85.24802  (16011717)                368230.00
 3859790.00       80.65484  (16011717)
       368230.00   3859815.00       75.46061  (16011717)                368230.00
 3859840.00       69.46536  (16011717)
       368230.00   3859865.00       65.18918  (16011717)                368255.00
 3858265.00       59.52102  (16092418)
       368255.00   3858290.00       58.30096  (16092418)                368255.00
 3858315.00       57.18870  (16092418)
       368255.00   3858340.00       56.41604  (12112318)                368255.00
 3858365.00       57.01125  (12112318)
       368255.00   3858390.00       57.04181  (12112318)                368255.00
 3858415.00       56.58565  (12112318)
       368255.00   3858440.00       56.02625  (12112318)                368255.00
 3858465.00       55.18247  (12112318)
       368255.00   3858490.00       53.50068  (12112318)                368255.00
 3858515.00       51.93059  (12112318)
       368255.00   3858540.00       50.01045  (12112318)                368255.00
 3858565.00       48.00223  (12112318)
       368255.00   3858590.00       46.42885  (20122418)                368255.00
 3858615.00       47.56167  (16020918)
       368255.00   3858640.00       49.07727  (16011118)                368255.00
 3858665.00       50.73405  (12112718)
       368255.00   3858690.00       52.63502  (12112718)                368255.00
 3858715.00       54.65859  (12112718)
       368255.00   3858740.00       57.24992  (12112718)                368255.00
 3858765.00       60.20548  (12112718)
       368255.00   3858790.00       64.46287  (12111218)                368255.00
 3858815.00       71.01916  (12111218)
       368255.00   3858840.00       78.63776  (12111218)                368255.00
 3858865.00       88.04848  (12111218)
       368255.00   3858890.00      100.33520  (12111218)                368255.00
 3858915.00      117.41473  (12111218)
       368255.00   3858940.00      140.34776  (12111218)                368255.00
 3859365.00      157.60320  (16011717)
 *** AERMOD - VERSION 24142  ***   ***
C:\Users\DWaymire\Documents\AERMOD\Euismod2\Euismod2.isc                ***
06/08/26
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   PAREA3   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368255.00	3859390.00	151.03702	(16011717)	368255.00	3859415.00	145.98510	(16011717)
368255.00	3859440.00	137.57779	(16011717)	368255.00	3859465.00	134.98245	(16011717)
368255.00	3859490.00	133.71688	(16011717)	368255.00	3859515.00	129.75748	(16011717)
368255.00	3859540.00	124.56628	(16011717)	368255.00	3859565.00	118.65341	(16011717)
368255.00	3859590.00	114.44060	(16011717)	368255.00	3859615.00	110.47220	(16011717)
368255.00	3859640.00	105.37334	(16011717)	368255.00	3859665.00	103.45945	(16011717)
368255.00	3859690.00	96.24337	(16011717)	368255.00	3859715.00	91.16823	(16011717)
368255.00	3859740.00	88.43421	(16011717)	368255.00	3859765.00	85.47307	(16011717)
368255.00	3859790.00	79.99370	(16011717)	368255.00	3859815.00	73.69175	(16011717)
368255.00	3859840.00	69.20612	(16011717)	368255.00	3859865.00	65.87248	(12111217)
368280.00	3858265.00	66.66392	(16092418)	368280.00	3858290.00	65.93272	(16092418)
368280.00	3858315.00	65.45778	(16092418)	368280.00	3858340.00	64.13712	(16092418)
368280.00	3858365.00	63.00641	(16092418)	368280.00	3858390.00	61.42461	(16092418)
368280.00	3858415.00	60.58105	(12112318)	368280.00	3858440.00	60.93958	(12112318)
368280.00	3858465.00	60.83346	(12112318)	368280.00			

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3858490.00       59.57320  (12112318)
       368280.00   3858515.00       58.44759  (12112318)                368280.00
3858540.00       56.77451  (12112318)
       368280.00   3858565.00       54.85336  (12112318)                368280.00
3858590.00       53.12480  (12112318)
       368280.00   3858615.00       50.77588  (12112318)                368280.00
3858640.00       49.84969  (20122418)
       368280.00   3858665.00       49.94094  (20122418)                368280.00
3858690.00       49.73687  (12123117)
       368280.00   3858715.00       53.01786  (12123117)                368280.00
3858740.00       56.30747  (12123117)
       368280.00   3858765.00       60.34362  (12123117)                368280.00
3858790.00       64.50923  (12111218)
       368280.00   3858815.00       71.08428  (12111218)                368280.00
3858840.00       78.74069  (12111218)
       368280.00   3858865.00       88.79772  (12111218)                368280.00
3858890.00      102.95193  (12111218)
       368280.00   3858915.00      120.19679  (12111218)                368280.00
3858940.00      140.12456  (12111218)
       368280.00   3858965.00      151.07364  (12111218)                368280.00
3858990.00      142.43364  (12111218)
       368280.00   3859015.00      130.91188  (12111218)                368280.00
3859040.00      126.66667  (12022418)
       368280.00   3859065.00      127.21754  (12022418)                368280.00
3859090.00      138.63921  (12121117)
       368280.00   3859115.00      149.11790  (12121117)                368280.00
3859140.00      157.15016  (12121117)
       368280.00   3859165.00      165.03749  (12121117)                368280.00
3859190.00      168.72201  (12121117)
       368280.00   3859215.00      169.62895  (12121117)                368280.00
3859240.00      165.54131  (12121117)
       368280.00   3859365.00      165.75879  (16011717)                368280.00
3859390.00      159.98367  (16011717)
       368280.00   3859415.00      154.76988  (16011717)                368280.00
3859440.00      151.19733  (16011717)
       368280.00   3859465.00      144.40983  (16011717)                368280.00
3859490.00      139.88598  (16011717)
       368280.00   3859515.00      133.73072  (16011717)                368280.00
3859540.00      126.90032  (16011717)
       368280.00   3859565.00      121.72894  (16011717)                368280.00
3859590.00      116.53833  (16011717)
       368280.00   3859615.00      111.81690  (16011717)                368280.00
3859640.00      108.03161  (16011717)
       368280.00   3859665.00      101.93689  (16011717)                368280.00
3859690.00       96.32228  (16011717)
       368280.00   3859715.00       91.47786  (16011717)                368280.00
3859740.00       88.46956  (16011717)
       368280.00   3859765.00       85.70099  (16011717)                368280.00
3859790.00       80.49974  (16011717)
       368280.00   3859815.00       70.57535  (16011717)                368280.00
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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PAREA3   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF DPM   IN MICROGRAMS/M**3
                    **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        368280.00   3859865.00   68.94733 (12111217)   368305.00
 3858265.00   72.89601 (16092418)
        368305.00   3858290.00   72.88379 (16092418)   368305.00
 3858315.00   73.18606 (16092418)
        368305.00   3858340.00   72.54432 (16092418)   368305.00
 3858365.00   72.12737 (16092418)
        368305.00   3858390.00   71.16523 (16092418)   368305.00
 3858415.00   69.84698 (16092418)
        368305.00   3858440.00   68.59460 (16092418)   368305.00
 3858465.00   66.71930 (16092418)
        368305.00   3858490.00   65.12267 (12112318)   368305.00
 3858515.00   64.88242 (12112318)
        368305.00   3858540.00   63.74955 (12112318)   368305.00
 3858565.00   62.13795 (12112318)
        368305.00   3858590.00   60.60443 (12112318)   368305.00
 3858615.00   58.24505 (12112318)
        368305.00   3858640.00   56.17288 (12112318)   368305.00
 3858665.00   54.10521 (12112318)
        368305.00   3858690.00   52.81905 (20122418)   368305.00
 3858715.00   53.27271 (12123117)
        368305.00   3858740.00   54.95587 (12123117)   368305.00
 3858765.00   59.34227 (12111218)
        368305.00   3858790.00   64.77000 (12111218)   368305.00
 3858815.00   71.61161 (12111218)
        368305.00   3858840.00   79.73047 (12111218)   368305.00

3858865.00 90.46978 (12111218)
368305.00 3858890.00 105.47094 (12111218) 368305.00
3858915.00 121.52690 (12111218)
368305.00 3858940.00 134.10090 (12111218) 368305.00
3858965.00 135.07691 (12111218)
368305.00 3858990.00 125.56903 (12111218) 368305.00
3859015.00 115.57125 (20101418)
368305.00 3859040.00 119.70087 (12022418) 368305.00
3859065.00 119.79986 (12022418)
368305.00 3859090.00 123.25552 (12121117) 368305.00
3859115.00 135.41553 (12121117)
368305.00 3859140.00 143.44986 (12121117) 368305.00
3859165.00 150.01977 (12121117)
368305.00 3859190.00 153.77048 (12121117) 368305.00
3859215.00 155.72835 (12121117)
368305.00 3859240.00 153.66853 (12121117) 368305.00
3859365.00 177.48808 (16011717)
368305.00 3859390.00 170.03680 (16011717) 368305.00
3859415.00 164.88246 (16011717)
368305.00 3859440.00 160.08404 (16011717) 368305.00
3859465.00 154.48522 (16011717)
368305.00 3859490.00 144.00605 (16011717) 368305.00
3859515.00 136.03071 (16011717)
368305.00 3859540.00 127.95523 (16011717) 368305.00
3859565.00 123.05737 (16011717)
368305.00 3859590.00 117.69374 (16011717) 368305.00
3859615.00 112.36508 (16011717)
368305.00 3859640.00 108.34528 (16011717) 368305.00
3859665.00 102.05753 (16011717)
368305.00 3859690.00 99.08195 (16011717) 368305.00
3859715.00 94.21225 (16011717)
368305.00 3859740.00 89.05826 (16011717) 368305.00
3859765.00 84.83908 (16011717)
368305.00 3859790.00 80.68903 (16011717) 368305.00
3859815.00 74.22357 (12111217)
368305.00 3859840.00 74.99045 (12111217) 368305.00
3859865.00 73.55695 (12111217)
368330.00 3858265.00 77.61407 (16092418) 368330.00
3858290.00 78.42408 (16092418)
368330.00 3858315.00 79.63640 (16092418) 368330.00
3858340.00 79.86633 (16092418)
368330.00 3858365.00 80.39076 (16092418) 368330.00
3858390.00 80.33903 (16092418)
368330.00 3858415.00 79.89400 (16092418) 368330.00
3858440.00 79.46829 (16092418)
368330.00 3858465.00 77.95762 (16092418) 368330.00
3858490.00 76.87134 (16092418)
368330.00 3858515.00 75.40483 (16092418) 368330.00
3858540.00 73.08626 (16092418)
368330.00 3858565.00 70.38440 (16092418) 368330.00

 3858590.00   68.57435 (12112318)
       368330.00   3858615.00   66.37425 (12112318)   368330.00
 3858640.00   63.95202 (12112318)
       368330.00   3858665.00   62.13647 (12112318)   368330.00
 3858690.00   60.29306 (12112318)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PAREA3   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF DPM   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       368330.00   3858715.00   58.19669 (12112318)   368330.00
 3858740.00   55.98380 (12112318)
       368330.00   3858765.00   59.80332 (12111218)   368330.00
 3858790.00   65.31397 (12111218)
       368330.00   3858815.00   72.57654 (12111218)   368330.00
 3858840.00   81.37224 (12111218)
       368330.00   3858865.00   92.63494 (12111218)   368330.00
 3858890.00   107.18791 (12111218)
       368330.00   3858915.00   119.74131 (12111218)   368330.00
 3858940.00   125.70479 (12111218)
       368330.00   3858965.00   121.36834 (12111218)   368330.00
 3858990.00   111.90351 (12111218)
       368330.00   3859015.00   110.22274 (20101418)   368330.00
 3859040.00   113.57607 (12022418)
       368330.00   3859065.00   114.44737 (12022418)   368330.00
 3859090.00   111.94682 (12022418)
       368330.00   3859115.00   122.83881 (12121117)   368330.00
 3859140.00   131.37719 (12121117)
       368330.00   3859165.00   137.25780 (12121117)   368330.00
 3859190.00   141.20976 (12121117)
       368330.00   3859215.00   143.69310 (12121117)   368330.00

3859240.00 143.18518 (12121117)
368330.00 3859365.00 190.34664 (16011717) 368330.00
3859390.00 180.83755 (16011717)
368330.00 3859415.00 173.97375 (16011717) 368330.00
3859440.00 166.88261 (16011717)
368330.00 3859465.00 158.85474 (16011717) 368330.00
3859490.00 146.22766 (16011717)
368330.00 3859515.00 136.91466 (16011717) 368330.00
3859540.00 129.53384 (16011717)
368330.00 3859565.00 124.00099 (16011717) 368330.00
3859590.00 118.56144 (16011717)
368330.00 3859615.00 113.15735 (16011717) 368330.00
3859640.00 108.58722 (16011717)
368330.00 3859665.00 104.97210 (16011717) 368330.00
3859690.00 101.71580 (16011717)
368330.00 3859715.00 96.69512 (16011717) 368330.00
3859740.00 89.56757 (16011717)
368330.00 3859765.00 83.27867 (16011717) 368330.00
3859790.00 82.46735 (12111217)
368330.00 3859815.00 82.10535 (12111217) 368330.00
3859840.00 81.06170 (12111217)
368330.00 3859865.00 78.38302 (12111217) 368355.00
3858265.00 80.37900 (16092418)
368355.00 3858290.00 82.00880 (16092418) 368355.00
3858315.00 84.15126 (16092418)
368355.00 3858340.00 85.32770 (16092418) 368355.00
3858365.00 86.78659 (16092418)
368355.00 3858390.00 87.84477 (16092418) 368355.00
3858415.00 88.57496 (16092418)
368355.00 3858440.00 89.23968 (16092418) 368355.00
3858465.00 89.02464 (16092418)
368355.00 3858490.00 89.15112 (16092418) 368355.00
3858515.00 88.69361 (16092418)
368355.00 3858540.00 87.32167 (16092418) 368355.00
3858565.00 85.38064 (16092418)
368355.00 3858590.00 83.22108 (16092418) 368355.00
3858615.00 80.09357 (16092418)
368355.00 3858640.00 76.45276 (16092418) 368355.00
3858665.00 73.33176 (16092418)
368355.00 3858690.00 69.79010 (16092418) 368355.00
3858715.00 66.80307 (12112318)
368355.00 3858740.00 65.17417 (12112318) 368355.00
3858765.00 63.49616 (12112318)
368355.00 3858790.00 66.16081 (12111218) 368355.00
3858815.00 73.73048 (12111218)
368355.00 3858840.00 83.03195 (12111218) 368355.00
3858865.00 94.40790 (12111218)
368355.00 3858890.00 107.17818 (12111218) 368355.00
3858915.00 114.96410 (12111218)
368355.00 3858940.00 116.87501 (12111218) 368355.00

 3858965.00   109.50417 (12111218)
       368355.00   3858990.00   103.21496 (20101418)   368355.00
 3859015.00   105.80080 (20101418)
       368355.00   3859040.00   108.13066 (12022418)   368355.00
 3859065.00   110.09889 (12022418)
       368355.00   3859090.00   105.18896 (12022418)   368355.00
 3859115.00   109.97057 (12121117)
       368355.00   3859140.00   119.60018 (12121117)   368355.00
 3859165.00   126.12313 (12121117)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   PAREA3   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF DPM   IN MICROGRAMS/M**3
                   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       368355.00   3859190.00   130.45808 (12121117)   368355.00
 3859215.00   133.37187 (12121117)
       368355.00   3859240.00   133.95326 (12121117)   368355.00
 3859365.00   201.86044 (16011717)
       368355.00   3859390.00   190.95090 (16011717)   368355.00
 3859415.00   180.02913 (16011717)
       368355.00   3859440.00   170.48693 (16011717)   368355.00
 3859465.00   161.19785 (16011717)
       368355.00   3859490.00   147.01554 (16011717)   368355.00
 3859515.00   137.83676 (16011717)
       368355.00   3859540.00   132.17514 (16011717)   368355.00
 3859565.00   125.91483 (16011717)
       368355.00   3859590.00   120.25713 (16011717)   368355.00
 3859615.00   115.50308 (16011717)
       368355.00   3859640.00   111.65550 (16011717)   368355.00
 3859665.00   109.36051 (16011717)
       368355.00   3859690.00   103.32177 (16011717)   368355.00

3859715.00 97.40713 (16011717)
368355.00 3859740.00 89.49147 (16011717) 368355.00
3859765.00 86.48753 (12111217)
368355.00 3859790.00 88.39780 (12111217) 368355.00
3859815.00 86.37257 (12111217)
368355.00 3859840.00 85.89200 (12111217) 368355.00
3859865.00 81.74452 (12111217)
368380.00 3858265.00 80.97625 (16092418) 368380.00
3858290.00 83.33157 (16092418)
368380.00 3858315.00 86.30715 (16092418) 368380.00
3858340.00 88.39481 (16092418)
368380.00 3858365.00 90.29507 (16092418) 368380.00
3858390.00 92.55300 (16092418)
368380.00 3858415.00 94.70872 (16092418) 368380.00
3858440.00 96.15252 (16092418)
368380.00 3858465.00 98.14666 (16092418) 368380.00
3858490.00 99.88260 (16092418)
368380.00 3858515.00 100.31153 (16092418) 368380.00
3858540.00 100.63316 (16092418)
368380.00 3858565.00 100.46319 (16092418) 368380.00
3858590.00 99.04165 (16092418)
368380.00 3858615.00 97.93345 (16092418) 368380.00
3858640.00 94.89311 (16092418)
368380.00 3858665.00 92.14659 (16092418) 368380.00
3858690.00 88.56239 (16092418)
368380.00 3858715.00 84.70087 (16092418) 368380.00
3858740.00 81.44326 (16092418)
368380.00 3858765.00 78.01388 (16092418) 368380.00
3858790.00 73.50012 (16092418)
368380.00 3858815.00 74.54171 (12111218) 368380.00
3858840.00 84.00102 (12111218)
368380.00 3858865.00 95.18657 (12111218) 368380.00
3858890.00 105.03168 (12111218)
368380.00 3858915.00 108.32075 (12111218) 368380.00
3858940.00 108.17166 (16091618)
368380.00 3858965.00 105.74458 (16091618) 368380.00
3858990.00 103.27453 (16091618)
368380.00 3859015.00 101.69586 (16091618) 368380.00
3859040.00 102.87278 (12022418)
368380.00 3859065.00 104.00739 (12022418) 368380.00
3859090.00 105.64060 (12093018)
368380.00 3859115.00 108.04335 (16011017) 368380.00
3859140.00 118.84374 (16011017)
368380.00 3859165.00 127.27080 (16011017) 368380.00
3859190.00 132.77875 (16011017)
368380.00 3859215.00 135.69155 (16011017) 368380.00
3859240.00 135.59169 (16011017)
368380.00 3859365.00 210.03151 (16011717) 368380.00
3859390.00 198.40991 (16011717)
368380.00 3859415.00 184.51585 (16011717) 368380.00

 3859440.00   172.51221 (16011717)
       368380.00   3859465.00   161.84149 (16011717)   368380.00
 3859490.00   147.41539 (16011717)
       368380.00   3859515.00   141.31569 (16011717)   368380.00
 3859540.00   133.90009 (16011717)
       368380.00   3859565.00   127.98457 (16011717)   368380.00
 3859590.00   122.90054 (16011717)
       368380.00   3859615.00   119.03737 (16011717)   368380.00
 3859640.00   116.37064 (16011717)
       368380.00   3859665.00   112.36392 (16011717)   368380.00
 3859690.00   106.80105 (16011717)
       368380.00   3859715.00   97.55954 (16011717)   368380.00
 3859740.00   94.47716 (12111217)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   PAREA3   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF DPM   IN MICROGRAMS/M**3
                   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       368380.00   3859765.00   95.01906 (12111217)   368380.00
 3859790.00   94.76605 (12111217)
       368380.00   3859815.00   92.00149 (12111217)   368380.00
 3859840.00   88.33272 (12111217)
       368380.00   3859865.00   83.76887 (12111217)   368405.00
 3858265.00   79.47189 (16092418)
       368405.00   3858290.00   82.37329 (16092418)   368405.00
 3858315.00   85.99104 (16092418)
       368405.00   3858340.00   88.82641 (16092418)   368405.00
 3858365.00   91.58250 (16092418)
       368405.00   3858390.00   94.82163 (16092418)   368405.00
 3858415.00   98.41102 (16092418)
       368405.00   3858440.00   101.73869 (16092418)   368405.00

3858465.00 104.24397 (16092418)
368405.00 3858490.00 107.57161 (16092418) 368405.00
3858515.00 109.73922 (16092418)
368405.00 3858540.00 112.03047 (16092418) 368405.00
3858565.00 114.03044 (16092418)
368405.00 3858590.00 114.80449 (16092418) 368405.00
3858615.00 116.11289 (16092418)
368405.00 3858640.00 115.03726 (16092418) 368405.00
3858665.00 114.00971 (16092418)
368405.00 3858690.00 111.31522 (16092418) 368405.00
3858715.00 107.63560 (16092418)
368405.00 3858740.00 104.31184 (16092418) 368405.00
3858765.00 99.74536 (16092418)
368405.00 3858790.00 96.10403 (16092418) 368405.00
3858815.00 91.35381 (16092418)
368405.00 3858840.00 86.98370 (16092418) 368405.00
3858865.00 94.13339 (12111218)
368405.00 3858890.00 102.77631 (16091618) 368405.00
3858915.00 111.16163 (16091618)
368405.00 3858940.00 114.87824 (16091618) 368405.00
3858965.00 112.70377 (16091618)
368405.00 3858990.00 110.10871 (16091618) 368405.00
3859015.00 108.19409 (16091618)
368405.00 3859040.00 106.65142 (16091618) 368405.00
3859065.00 110.98194 (16011717)
368405.00 3859090.00 114.23583 (16011717) 368405.00
3859115.00 118.72475 (16011017)
368405.00 3859140.00 129.56229 (16011017) 368405.00
3859165.00 137.73329 (16011017)
368405.00 3859190.00 142.67416 (16011017) 368405.00
3859215.00 144.83520 (16011017)
368405.00 3859240.00 143.74603 (16011017) 368405.00
3859365.00 218.90303 (16011717)
368405.00 3859390.00 199.92209 (16011717) 368405.00
3859415.00 184.98937 (16011717)
368405.00 3859440.00 172.65584 (16011717) 368405.00
3859465.00 161.68656 (16011717)
368405.00 3859490.00 147.58890 (16011717) 368405.00
3859515.00 142.65340 (16011717)
368405.00 3859540.00 136.45616 (16011717) 368405.00
3859565.00 131.24945 (16011717)
368405.00 3859590.00 127.59280 (16011717) 368405.00
3859615.00 123.28751 (16011717)
368405.00 3859640.00 116.46886 (16011717) 368405.00
3859665.00 110.50632 (16011717)
368405.00 3859690.00 102.88985 (16011717) 368405.00
3859715.00 100.15248 (12111217)
368405.00 3859740.00 99.54012 (12111217) 368405.00
3859765.00 99.42171 (12111217)
368405.00 3859790.00 97.92758 (12111217) 368405.00

 3859815.00   93.41825 (12111217)
       368405.00   3859840.00   87.77588 (12111217)   368405.00
 3859865.00   81.26075 (12111217)
       368430.00   3858265.00   76.15737 (16092418)   368430.00
 3858290.00   79.29502 (16092418)
       368430.00   3858315.00   82.73909 (16092418)   368430.00
 3858340.00   86.61609 (16092418)
       368430.00   3858365.00   90.13243 (16092418)   368430.00
 3858390.00   94.10954 (16092418)
       368430.00   3858415.00   98.35310 (16092418)   368430.00
 3858440.00   102.27340 (16092418)
       368430.00   3858465.00   106.56317 (16092418)   368430.00
 3858490.00   111.29919 (16092418)
       368430.00   3858515.00   115.01757 (16092418)   368430.00
 3858540.00   119.14365 (16092418)
       368430.00   3858565.00   123.30874 (16092418)   368430.00
 3858590.00   126.57135 (16092418)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   PAREA3   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF DPM   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       368430.00   3858615.00   130.99563 (16092418)   368430.00
 3858640.00   133.28761 (16092418)
       368430.00   3858665.00   136.15587 (16092418)   368430.00
 3858690.00   137.11892 (16092418)
       368430.00   3858715.00   135.99912 (16092418)   368430.00
 3858740.00   133.59876 (16092418)
       368430.00   3858765.00   128.48706 (16092418)   368430.00
 3858790.00   125.30028 (16092418)
       368430.00   3858815.00   120.45647 (16092418)   368430.00

3858840.00 116.12826 (16092418)
368430.00 3858865.00 111.73958 (16092418) 368430.00
3858890.00 106.74861 (16091618)
368430.00 3858915.00 117.31439 (16091618) 368430.00
3858940.00 122.48419 (16091618)
368430.00 3858965.00 120.71285 (16091618) 368430.00
3858990.00 118.04662 (16091618)
368430.00 3859015.00 115.81030 (16091618) 368430.00
3859040.00 120.56724 (16011717)
368430.00 3859065.00 127.88356 (16011717) 368430.00
3859090.00 129.96127 (16011717)
368430.00 3859115.00 134.50025 (16011717) 368430.00
3859140.00 142.93339 (16011017)
368430.00 3859165.00 149.90563 (16011017) 368430.00
3859190.00 153.74466 (16011017)
368430.00 3859215.00 154.46064 (16011017) 368430.00
3859240.00 155.21158 (16011717)
368430.00 3859365.00 222.78097 (16011717) 368430.00
3859390.00 200.12161 (16011717)
368430.00 3859415.00 184.38205 (16011717) 368430.00
3859440.00 171.14861 (16011717)
368430.00 3859465.00 155.61217 (16011717) 368430.00
3859490.00 148.62290 (16011717)
368430.00 3859515.00 142.98388 (16011717) 368430.00
3859540.00 140.04294 (16011717)
368430.00 3859565.00 135.09295 (16011717) 368430.00
3859590.00 130.33515 (16011717)
368430.00 3859615.00 124.05834 (16011717) 368430.00
3859640.00 114.41746 (16011717)
368430.00 3859665.00 106.82411 (12111217) 368430.00
3859690.00 107.63404 (12111217)
368430.00 3859715.00 105.76890 (12111217) 368430.00
3859740.00 103.96771 (12111217)
368430.00 3859765.00 102.10839 (12111217) 368430.00
3859790.00 98.39220 (12111217)
368430.00 3859815.00 91.48240 (12111217) 368430.00
3859840.00 83.65524 (12111217)
368430.00 3859865.00 75.43347 (12111217) 368455.00
3858265.00 71.50555 (16092418)
368455.00 3858290.00 74.77159 (16092418) 368455.00
3858315.00 78.54560 (16092418)
368455.00 3858340.00 82.49493 (16092418) 368455.00
3858365.00 86.32001 (16092418)
368455.00 3858390.00 90.73418 (16092418) 368455.00
3858415.00 95.62276 (16092418)
368455.00 3858440.00 100.39599 (16092418) 368455.00
3858465.00 105.29174 (16092418)
368455.00 3858490.00 110.99947 (16092418) 368455.00
3858515.00 115.87284 (16092418)
368455.00 3858540.00 121.34950 (16092418) 368455.00

3858565.00   127.11589 (16092418)
       368455.00   3858590.00   132.28326 (16092418)   368455.00
3858615.00   139.19104 (16092418)
       368455.00   3858640.00   144.58085 (16092418)   368455.00
3858665.00   151.78256 (16092418)
       368455.00   3858690.00   158.60823 (16092418)   368455.00
3858715.00   164.83258 (16092418)
       368455.00   3858740.00   170.23911 (16092418)   368455.00
3858840.00   156.73420 (16092418)
       368455.00   3858865.00   152.40012 (16092418)   368455.00
3858890.00   146.59326 (16092418)
       368455.00   3858915.00   142.92198 (16092418)   368455.00
3858940.00   139.08467 (16092418)
       368455.00   3858965.00   132.45662 (16092418)   368455.00
3858990.00   127.48284 (16011717)
       368455.00   3859015.00   135.15119 (16011717)   368455.00
3859040.00   138.83816 (16011717)
       368455.00   3859065.00   146.60665 (16011717)   368455.00
3859090.00   147.95767 (16011717)
       368455.00   3859115.00   154.10671 (16011717)   368455.00
3859140.00   161.57469 (16011717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   PAREA3   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF DPM   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        368455.00   3859165.00   165.00140 (16011717)   368455.00
3859190.00   170.10297 (16011717)
       368455.00   3859215.00   175.28146 (16011717)   368455.00
3859240.00   182.73927 (16011717)
       368455.00   3859365.00   219.49052 (16011717)   368455.00

3859390.00 198.66478 (16011717)
368455.00 3859415.00 183.44596 (16011717) 368455.00
3859440.00 165.47304 (16011717)
368455.00 3859465.00 156.20053 (16011717) 368455.00
3859490.00 152.31019 (16011717)
368455.00 3859515.00 146.65663 (16011717) 368455.00
3859540.00 144.68949 (16011717)
368455.00 3859565.00 138.15932 (16011717) 368455.00
3859590.00 130.87601 (16011717)
368455.00 3859615.00 122.03756 (16011717) 368455.00
3859640.00 113.11219 (12111217)
368455.00 3859665.00 113.89133 (12111217) 368455.00
3859690.00 113.74001 (12111217)
368455.00 3859715.00 109.98500 (12111217) 368455.00
3859740.00 105.73570 (12111217)
368455.00 3859765.00 101.10220 (12111217) 368455.00
3859790.00 94.61811 (12111217)
368455.00 3859815.00 85.40043 (12111217) 368455.00
3859840.00 76.02156 (12111217)
368455.00 3859865.00 67.04779 (12111217) 368480.00
3858265.00 66.06777 (16092418)
368480.00 3858290.00 69.24746 (16092418) 368480.00
3858315.00 73.02395 (16092418)
368480.00 3858340.00 77.13090 (16092418) 368480.00
3858365.00 81.09619 (16092418)
368480.00 3858390.00 85.48279 (16092418) 368480.00
3858415.00 90.43163 (16092418)
368480.00 3858440.00 95.64119 (16092418) 368480.00
3858465.00 100.90101 (16092418)
368480.00 3858490.00 107.21617 (16092418) 368480.00
3858515.00 112.86809 (16092418)
368480.00 3858540.00 119.24135 (16092418) 368480.00
3858565.00 126.03976 (16092418)
368480.00 3858590.00 132.37177 (16092418) 368480.00
3858615.00 140.61934 (16092418)
368480.00 3858640.00 147.60687 (16092418) 368480.00
3858665.00 156.91960 (16092418)
368480.00 3858690.00 166.76802 (16092418) 368480.00
3858715.00 177.47828 (16092418)
368480.00 3858740.00 191.50264 (16092418) 368480.00
3859365.00 217.32684 (16011717)
368480.00 3859390.00 197.30199 (16011717) 368480.00
3859415.00 183.16954 (16011717)
368480.00 3859440.00 167.35705 (16011717) 368480.00
3859465.00 160.99829 (16011717)
368480.00 3859490.00 158.97486 (16011717) 368480.00
3859515.00 152.70552 (16011717)
368480.00 3859540.00 148.66843 (16011717) 368480.00
3859565.00 138.90048 (16011717)
368480.00 3859590.00 128.68036 (16011717) 368480.00

3859615.00 123.99995 (12111217)
368480.00 3859640.00 122.22081 (12111217) 368480.00
3859665.00 120.08191 (12111217)
368480.00 3859690.00 117.42276 (12111217) 368480.00
3859715.00 110.32184 (12111217)
368480.00 3859740.00 102.65241 (12111217) 368480.00
3859765.00 94.98522 (12111217)
368480.00 3859790.00 86.25088 (12111217) 368480.00
3859815.00 75.86046 (12111217)
368480.00 3859840.00 66.26168 (12111217) 368480.00
3859865.00 57.75083 (12111217)
368505.00 3858265.00 60.40682 (16092418) 368505.00
3858290.00 63.28849 (16092418)
368505.00 3858315.00 66.48564 (16092418) 368505.00
3858340.00 71.03547 (16092418)
368505.00 3858365.00 75.02484 (16092418) 368505.00
3858390.00 79.00051 (16092418)
368505.00 3858415.00 83.35082 (16092418) 368505.00
3858440.00 88.25779 (16092418)
368505.00 3858465.00 94.08632 (16092418) 368505.00
3858490.00 100.41075 (16092418)
368505.00 3858515.00 106.63465 (16092418) 368505.00
3858540.00 113.70064 (16092418)
368505.00 3858565.00 121.21132 (16092418) 368505.00
3858590.00 128.38982 (16092418)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF DPM IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368505.00	3858615.00	137.49632	(16092418)	368505.00			

3858640.00 145.37140 (16092418)
368505.00 3858665.00 155.18496 (16092418) 368505.00
3858690.00 165.83766 (16092418)
368505.00 3858715.00 177.51859 (16092418) 368505.00
3858740.00 192.11400 (16092418)
368505.00 3859365.00 219.55156 (16011717) 368505.00
3859390.00 197.87037 (16011717)
368505.00 3859415.00 185.75635 (16011717) 368505.00
3859440.00 173.57076 (16011717)
368505.00 3859465.00 169.56472 (16011717) 368505.00
3859490.00 167.03015 (16011717)
368505.00 3859515.00 157.39792 (16011717) 368505.00
3859540.00 149.87064 (16011717)
368505.00 3859565.00 137.24538 (16011717) 368505.00
3859590.00 134.43643 (12111217)
368505.00 3859615.00 133.57009 (12111217) 368505.00
3859640.00 130.80783 (12111217)
368505.00 3859665.00 122.53738 (12111217) 368505.00
3859690.00 115.63388 (12111217)
368505.00 3859715.00 104.45542 (12111217) 368505.00
3859740.00 93.72891 (12111217)
368505.00 3859765.00 84.04622 (12111217) 368505.00
3859790.00 74.43924 (12111217)
368505.00 3859815.00 64.92848 (12111217) 368505.00
3859840.00 56.40589 (12111217)
368505.00 3859865.00 49.14828 (12111217) 368530.00
3858265.00 54.96366 (16092418)
368530.00 3858290.00 57.59250 (16092418) 368530.00
3858315.00 60.89831 (16092418)
368530.00 3858340.00 64.52933 (16092418) 368530.00
3858365.00 67.99996 (16092418)
368530.00 3858390.00 71.60870 (16092418) 368530.00
3858415.00 75.83610 (16092418)
368530.00 3858440.00 80.89135 (16092418) 368530.00
3858465.00 85.72188 (16092418)
368530.00 3858490.00 90.99332 (16092418) 368530.00
3858515.00 97.64608 (16092418)
368530.00 3858540.00 105.29034 (16092418) 368530.00
3858565.00 113.20487 (16092418)
368530.00 3858590.00 121.06902 (16092418) 368530.00
3858615.00 130.96659 (16092418)
368530.00 3858640.00 139.83091 (16092418) 368530.00
3858665.00 149.30853 (16092418)
368530.00 3858690.00 160.99272 (16092418) 368530.00
3858715.00 174.57879 (16092418)
368530.00 3858740.00 189.76214 (16092418) 368530.00
3859365.00 218.11564 (16011717)
368530.00 3859390.00 203.02794 (16011717) 368530.00
3859415.00 195.44462 (16011717)
368530.00 3859440.00 185.13095 (16011717) 368530.00

```
 3859465.00      179.67021  (16011717)
       368530.00   3859490.00      173.27620  (16011717)                368530.00
 3859515.00      158.40327  (16011717)
       368530.00   3859540.00      150.19346  (12111217)                368530.00
 3859565.00      149.99253  (12111217)
       368530.00   3859590.00      145.75099  (12111217)                368530.00
 3859615.00      139.08716  (12111217)
       368530.00   3859640.00      131.35222  (12111217)                368530.00
 3859665.00      117.42077  (12111217)
       368530.00   3859690.00      106.01752  (12111217)                368530.00
 3859715.00       92.29539  (12111217)
       368530.00   3859740.00       80.72512  (12111217)                368530.00
 3859765.00       70.71146  (12111217)
       368530.00   3859790.00       61.33069  (12111217)                368530.00
 3859815.00       59.44795  (16012217)
       368530.00   3859840.00       57.08664  (16012217)                368530.00
 3859865.00       54.74664  (16012217)
       368555.00   3858265.00       53.16248  (12112718)                368555.00
 3858290.00       54.76137  (12112718)
       368555.00   3858315.00       56.55235  (12112718)                368555.00
 3858340.00       58.98775  (12112718)
       368555.00   3858365.00       61.59892  (12112718)                368555.00
 3858390.00       64.48117  (16092418)
       368555.00   3858415.00       67.91094  (16092418)                368555.00
 3858440.00       71.86098  (16092418)
       368555.00   3858465.00       76.76631  (16092418)                368555.00
 3858490.00       81.50034  (16092418)
       368555.00   3858515.00       87.56957  (16092418)                368555.00
 3858540.00       94.72020  (16092418)
♠ *** AERMOD - VERSION 24142  ***   ***
C:\Users\DWaymire\Documents\AERMOD\Euismod2\Euismod2.isc             ***
06/08/26
 *** AERMET - VERSION  19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
HRA                         ***        18:18:49

                                  PAGE 150
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL
ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                    INCLUDING SOURCE(S):     PAREA3      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF DPM      IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
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Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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 3858715.00      158.78940  (16092418)
       368580.00   3858740.00      177.13832  (16092418)               368580.00
 3859490.00      179.36831  (12111217)
       368580.00   3859515.00      176.19275  (12111217)               368580.00
 3859540.00      171.50572  (12111217)
       368580.00   3859565.00      155.60711  (12111217)               368580.00
 3859590.00      136.53682  (12111217)
       368580.00   3859615.00      118.22888  (12111217)               368580.00
 3859640.00       99.81984  (12111217)
       368580.00   3859665.00       87.63657  (16012217)               368580.00
 3859690.00       83.41603  (16012217)
       368580.00   3859715.00       81.39670  (16012217)               368580.00
 3859740.00       78.98593  (16012217)
       368580.00   3859765.00       76.29137  (16012217)               368580.00
 3859790.00       74.03566  (16012217)
       368580.00   3859815.00       70.56127  (16012217)               368580.00
 3859840.00       67.90450  (16012217)
       368580.00   3859865.00       66.05621  (16012217)               368605.00
 3858265.00       60.83403  (12112718)
       368605.00   3858290.00       62.77286  (12112718)               368605.00
 3858315.00       64.85231  (12112718)
       368605.00   3858340.00       67.73716  (12112718)               368605.00
 3858365.00       70.33431  (12112718)
       368605.00   3858390.00       73.16590  (12112718)               368605.00
 3858415.00       76.40287  (12112718)
       368605.00   3858440.00       80.03233  (12112718)               368605.00
 3858465.00       84.38033  (12112718)
       368605.00   3858490.00       88.62911  (12112718)               368605.00
 3858515.00       93.32198  (12112718)
       368605.00   3858540.00       98.47703  (12112718)               368605.00
 3858565.00      104.15832  (12112718)
       368605.00   3858590.00      110.50368  (12112718)               368605.00
 3858615.00      117.54205  (12112718)
↟ *** AERMOD - VERSION 24142  ***   ***
C:\Users\DWaymire\Documents\AERMOD\Euismod2\Euismod2.isc             ***
06/08/26
 *** AERMET - VERSION  19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
HRA                         ***        18:18:49

                                  PAGE 151
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL
ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     PAREA3      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368605.00	3858640.00	125.60875	(12112718)	368605.00	3858665.00	134.12861	(12112718)
368605.00	3858690.00	144.99654	(12112718)	368605.00	3858715.00	158.17868	(12112718)
368605.00	3858740.00	173.30958	(12112718)	368605.00	3859565.00	133.78215	(12111217)
368605.00	3859590.00	117.58447	(16012217)	368605.00	3859615.00	110.70830	(16012217)
368605.00	3859640.00	105.15852	(16012217)	368605.00	3859665.00	101.68784	(16012217)
368605.00	3859690.00	95.16550	(16012217)	368605.00	3859715.00	91.68263	(16012217)
368605.00	3859740.00	87.44343	(16012217)	368605.00	3859765.00	83.35403	(16012217)
368605.00	3859790.00	80.85926	(16012217)	368605.00	3859815.00	76.39708	(16012217)
368605.00	3859840.00	72.22200	(16012217)	368605.00	3859865.00	70.22113	(16012217)
368630.00	3858265.00	63.34275	(12112718)	368630.00	3858290.00	65.29977	(12112718)
368630.00	3858315.00	67.38142	(12112718)	368630.00	3858340.00	70.27532	(12112718)
368630.00	3858365.00	72.84008	(12112718)	368630.00	3858390.00	75.40066	(12112718)
368630.00	3858415.00	78.44774	(12112718)	368630.00	3858440.00	82.29335	(12112718)
368630.00	3858465.00	86.47557	(12112718)	368630.00	3858490.00	90.01965	(12112718)
368630.00	3858515.00	94.67340	(12112718)	368630.00	3858540.00	99.61144	(12112718)
368630.00	3858565.00	104.79919	(12112718)	368630.00	3858590.00	110.60442	(12112718)
368630.00	3858615.00	116.27924	(12112718)	368630.00	3858640.00	124.31392	(12112718)
368630.00	3858665.00	132.77805	(12112718)	368630.00	3858690.00	142.92124	(12112718)
368630.00	3858715.00	155.32234	(12112718)	368630.00	3858740.00	170.91168	(12112718)
368630.00	3859565.00	140.43496	(16022018)	368630.00	3859590.00	130.63215	(16022018)
368630.00	3859615.00	120.83434	(16022018)	368630.00	3859640.00	114.86128	(16022018)
368630.00	3859665.00	107.51247	(16022018)	368630.00			

3859690.00   99.52553 (16022018)
       368630.00   3859715.00   93.19570 (16022018)   368630.00
3859740.00   87.07755 (16022018)
       368630.00   3859765.00   82.32566 (16012217)   368630.00
3859790.00   78.76977 (16012217)
       368630.00   3859815.00   74.08146 (16012217)   368630.00
3859840.00   70.63853 (16012217)
       368630.00   3859865.00   68.71296 (16012217)   368655.00
3858265.00   64.77918 (12112718)
       368655.00   3858290.00   66.65752 (12112718)   368655.00
3858315.00   68.63707 (12112718)
       368655.00   3858340.00   71.40242 (12112718)   368655.00
3858365.00   73.79940 (12112718)
       368655.00   3858390.00   76.16284 (12112718)   368655.00
3858415.00   78.95963 (12112718)
       368655.00   3858440.00   82.48829 (12112718)   368655.00
3858465.00   86.29298 (12112718)
       368655.00   3858490.00   89.38483 (12112718)   368655.00
3858515.00   93.47715 (12112718)
       368655.00   3858540.00   98.16433 (12112718)   368655.00
3858565.00   102.79577 (12112718)
       368655.00   3858590.00   106.98223 (12112718)   368655.00
3858615.00   111.75350 (12112718)
       368655.00   3858640.00   117.93397 (12112718)   368655.00
3858665.00   125.18620 (12112718)
       368655.00   3858690.00   132.46255 (12112718)   368655.00
3858715.00   140.24223 (12112718)
       368655.00   3858740.00   149.96481 (12112718)   368655.00
3859565.00   143.86462 (16022018)
       368655.00   3859590.00   135.72459 (16022018)   368655.00
3859615.00   127.61675 (16022018)
       368655.00   3859640.00   122.93936 (16022018)   368655.00
3859665.00   113.69563 (16022018)
       368655.00   3859690.00   110.14485 (16022018)   368655.00
3859715.00   103.04866 (16022018)
       368655.00   3859740.00   97.89703 (16022018)   368655.00
3859765.00   93.21324 (16022018)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PAREA3   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368655.00	3859790.00	86.25385	(16022018)	368655.00	3859815.00	79.78189	(16022018)
368655.00	3859840.00	77.16042	(16022018)	368655.00	3859865.00	74.21601	(16022018)
368680.00	3858265.00	65.18251	(12112718)	368680.00	3858290.00	66.89582	(12112718)
368680.00	3858315.00	68.68595	(12112718)	368680.00	3858340.00	71.23510	(12112718)
368680.00	3858365.00	73.37347	(12112718)	368680.00	3858390.00	75.43676	(12112718)
368680.00	3858415.00	77.87610	(12112718)	368680.00	3858440.00	80.96839	(12112718)
368680.00	3858465.00	84.25950	(12112718)	368680.00	3858490.00	86.77731	(12112718)
368680.00	3858515.00	90.16731	(12112718)	368680.00	3858540.00	94.01353	(12112718)
368680.00	3858565.00	97.64932	(12112718)	368680.00	3858590.00	100.85750	(12112718)
368680.00	3858615.00	105.33722	(12112718)	368680.00	3858640.00	108.60348	(12112718)
368680.00	3858665.00	113.04069	(12112718)	368680.00	3858690.00	116.90914	(12112718)
368680.00	3858715.00	120.29362	(12112718)	368680.00	3858740.00	129.96181	(12111218)
368680.00	3858765.00	153.85610	(12111218)	368680.00	3859365.00	183.27916	(12121117)
368680.00	3859390.00	180.23743	(12121117)	368680.00	3859565.00	120.81570	(12122517)
368680.00	3859590.00	117.97658	(16022018)	368680.00	3859615.00	114.50145	(16022018)
368680.00	3859640.00	112.99152	(16022018)	368680.00	3859665.00	107.03823	(16022018)
368680.00	3859690.00	105.68527	(16022018)	368680.00	3859715.00	100.87961	(16022018)
368680.00	3859740.00	97.62623	(16022018)	368680.00	3859765.00	94.55572	(16022018)
368680.00	3859790.00	88.91622	(16022018)	368680.00	3859815.00	83.43371	(16022018)
368680.00	3859840.00	81.86710	(16022018)	368680.00			

3859865.00 77.55476 (16022018)
368705.00 3858265.00 64.64556 (12112718) 368705.00
3858290.00 66.16381 (12112718)
368705.00 3858315.00 67.72398 (12112718) 368705.00
3858340.00 69.99516 (12112718)
368705.00 3858365.00 71.83161 (12112718) 368705.00
3858390.00 73.92937 (12112718)
368705.00 3858415.00 76.17202 (12112718) 368705.00
3858440.00 78.24149 (12112718)
368705.00 3858465.00 81.00343 (12112718) 368705.00
3858490.00 82.97285 (12112718)
368705.00 3858515.00 85.69045 (12112718) 368705.00
3858540.00 88.74526 (12112718)
368705.00 3858565.00 91.50676 (12112718) 368705.00
3858590.00 93.74905 (12112718)
368705.00 3858615.00 97.00968 (12112718) 368705.00
3858640.00 99.00963 (12112718)
368705.00 3858665.00 101.89324 (12112718) 368705.00
3858690.00 104.17714 (12112718)
368705.00 3858715.00 107.52368 (12111218) 368705.00
3858740.00 132.05933 (12111218)
368705.00 3858765.00 142.73200 (12111218) 368705.00
3858790.00 144.11048 (12111218)
368705.00 3859365.00 174.05047 (12111217) 368705.00
3859390.00 171.04748 (12121117)
368705.00 3859415.00 156.78146 (12121117) 368705.00
3859440.00 145.04768 (12121117)
368705.00 3859465.00 131.53897 (12121117) 368705.00
3859490.00 114.03847 (12122517)
368705.00 3859515.00 114.31795 (12122517) 368705.00
3859540.00 110.20655 (12122517)
368705.00 3859565.00 109.82333 (12122517) 368705.00
3859590.00 107.43760 (12122517)
368705.00 3859615.00 101.82806 (12122517) 368705.00
3859640.00 95.59771 (12122517)
368705.00 3859665.00 90.77082 (12122517) 368705.00
3859690.00 86.39395 (16022018)
368705.00 3859715.00 85.84301 (16022018) 368705.00
3859740.00 86.05103 (16022018)
368705.00 3859765.00 84.90205 (16022018) 368705.00
3859790.00 81.30366 (16022018)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368705.00	3859815.00	77.61185	(16022018)	368705.00	3859840.00	77.39432	(16022018)
368705.00	3859865.00	74.47435	(16022018)	368730.00	3858265.00	63.37023	(12112718)
368730.00	3858290.00	64.67550	(12112718)	368730.00	3858315.00	66.00166	(12112718)
368730.00	3858340.00	67.99045	(12112718)	368730.00	3858365.00	69.53504	(12112718)
368730.00	3858390.00	71.35420	(12112718)	368730.00	3858415.00	73.28129	(12112718)
368730.00	3858440.00	74.87733	(12112718)	368730.00	3858465.00	77.18668	(12112718)
368730.00	3858490.00	78.71795	(12112718)	368730.00	3858515.00	80.92953	(12112718)
368730.00	3858540.00	83.41517	(12112718)	368730.00	3858565.00	85.60252	(12112718)
368730.00	3858590.00	87.30748	(12112718)	368730.00	3858615.00	89.95707	(12112718)
368730.00	3858640.00	92.34597	(12112718)	368730.00	3858665.00	94.42581	(12112718)
368730.00	3858690.00	96.83779	(12112718)	368730.00	3858715.00	113.14500	(12111218)
368730.00	3858740.00	129.09909	(12111218)	368730.00	3858765.00	133.49458	(12111218)
368730.00	3858790.00	134.10877	(12111218)	368730.00	3858815.00	132.09498	(12111218)
368730.00	3859365.00	165.56332	(12111217)	368730.00	3859390.00	161.61049	(12121117)
368730.00	3859415.00	152.32255	(12121117)	368730.00	3859440.00	143.20722	(12121117)
368730.00	3859465.00	131.60385	(12121117)	368730.00	3859490.00	116.05364	(12121117)
368730.00	3859515.00	106.86963	(12122517)	368730.00	3859540.00	102.62536	(12010318)
368730.00	3859565.00	103.77980	(12010318)	368730.00			

3859590.00   98.81609 (12010318)
       368730.00   3859615.00   94.04313 (12122517)   368730.00
3859640.00   90.77423 (12122517)
       368730.00   3859665.00   90.60334 (12122517)   368730.00
3859690.00   85.35664 (12122517)
       368730.00   3859715.00   82.16257 (12122517)   368730.00
3859740.00   77.21060 (12122517)
       368730.00   3859765.00   70.90343 (16022018)   368730.00
3859790.00   70.13073 (16022018)
       368730.00   3859815.00   67.53286 (16022018)   368730.00
3859840.00   65.91472 (16022018)
       368730.00   3859865.00   65.20579 (16022018)   368755.00
3858265.00   61.55474 (12112718)
       368755.00   3858290.00   62.65784 (12112718)   368755.00
3858315.00   63.77354 (12112718)
       368755.00   3858340.00   65.51339 (12112718)   368755.00
3858365.00   66.81515 (12112718)
       368755.00   3858390.00   68.36698 (12112718)   368755.00
3858415.00   70.00820 (12112718)
       368755.00   3858440.00   71.33548 (12112718)   368755.00
3858465.00   73.32553 (12112718)
       368755.00   3858490.00   74.58269 (12112718)   368755.00
3858515.00   76.48799 (12112718)
       368755.00   3858540.00   78.67173 (12112718)   368755.00
3858565.00   80.61278 (12112718)
       368755.00   3858590.00   82.15919 (12112718)   368755.00
3858615.00   84.67879 (12112718)
       368755.00   3858640.00   87.43865 (12112718)   368755.00
3858665.00   89.54691 (12112718)
       368755.00   3858690.00   97.96040 (12111218)   368755.00
3858715.00   115.05584 (12111218)
       368755.00   3858740.00   124.34165 (12111218)   368755.00
3858765.00   125.73032 (12111218)
       368755.00   3858790.00   125.84753 (12111218)   368755.00
3858815.00   123.71205 (12111218)
       368755.00   3858840.00   122.17083 (12111218)   368755.00
3859365.00   163.35956 (12121117)
       368755.00   3859390.00   154.26872 (12121117)   368755.00
3859415.00   146.88069 (12121117)
       368755.00   3859440.00   140.64133 (12121117)   368755.00
3859465.00   131.02110 (12121117)
       368755.00   3859490.00   117.43265 (12121117)   368755.00
3859515.00   106.19449 (12122517)
       368755.00   3859540.00   99.64437 (12122517)   368755.00
3859565.00   99.36068 (12010318)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368755.00	3859590.00	98.45666	(12010318)	368755.00	3859615.00	91.10857	(12010318)
368755.00	3859640.00	85.16001	(12122517)	368755.00	3859665.00	85.13738	(12122517)
368755.00	3859690.00	81.67192	(12122517)	368755.00	3859715.00	80.73096	(12122517)
368755.00	3859740.00	78.06311	(12122517)	368755.00	3859765.00	74.46025	(12122517)
368755.00	3859790.00	71.76752	(12122517)	368755.00	3859815.00	65.56518	(12122517)
368755.00	3859840.00	59.06771	(12122517)	368755.00	3859865.00	56.82381	(16022018)
368780.00	3858265.00	59.38231	(12112718)	368780.00	3858290.00	60.35717	(12112718)
368780.00	3858315.00	61.51522	(12112718)	368780.00	3858340.00	62.86395	(12112718)
368780.00	3858365.00	63.93600	(12112718)	368780.00	3858390.00	65.29716	(12112718)
368780.00	3858415.00	66.74377	(12112718)	368780.00	3858440.00	67.90221	(12112718)
368780.00	3858465.00	69.70326	(12112718)	368780.00	3858490.00	71.10965	(12112718)
368780.00	3858515.00	72.73395	(12112718)	368780.00	3858540.00	74.68019	(12112718)
368780.00	3858565.00	76.58120	(12112718)	368780.00	3858590.00	78.18413	(12112718)
368780.00	3858615.00	80.78630	(12112718)	368780.00	3858640.00	83.69843	(12112718)
368780.00	3858665.00	86.06663	(12112718)	368780.00	3858690.00	101.33555	(12111218)
368780.00	3858715.00	114.07891	(12111218)	368780.00			

3858740.00 119.28484 (12111218)
368780.00 3858765.00 119.79352 (12111218) 368780.00
3858790.00 118.92189 (12111218)
368780.00 3858815.00 116.60549 (12111218) 368780.00
3858840.00 117.64781 (12112718)
368780.00 3858865.00 125.89712 (12112718) 368780.00
3859365.00 164.89054 (12121117)
368780.00 3859390.00 149.70709 (12121117) 368780.00
3859415.00 141.20380 (12121117)
368780.00 3859440.00 137.30889 (12121117) 368780.00
3859465.00 129.84189 (12121117)
368780.00 3859490.00 118.16180 (12121117) 368780.00
3859515.00 106.97248 (12121117)
368780.00 3859540.00 99.84163 (12122517) 368780.00
3859565.00 96.35317 (12122517)
368780.00 3859590.00 94.96188 (12010318) 368780.00
3859615.00 91.64467 (12010318)
368780.00 3859640.00 84.96245 (12010318) 368780.00
3859665.00 81.76018 (12122517)
368780.00 3859690.00 78.04252 (12122517) 368780.00
3859715.00 77.03653 (12122517)
368780.00 3859740.00 75.07532 (12122517) 368780.00
3859765.00 72.84308 (12122517)
368780.00 3859790.00 71.91332 (12122517) 368780.00
3859815.00 67.89322 (12122517)
368780.00 3859840.00 64.58269 (12122517) 368780.00
3859865.00 61.47372 (12122517)
368805.00 3858265.00 57.00485 (12112718) 368805.00
3858290.00 57.91472 (12112718)
368805.00 3858315.00 59.30157 (12112718) 368805.00
3858340.00 60.18012 (12112718)
368805.00 3858365.00 61.05170 (12112718) 368805.00
3858390.00 62.28970 (12112718)
368805.00 3858415.00 63.62378 (12112718) 368805.00
3858440.00 64.70000 (12112718)
368805.00 3858465.00 66.40812 (12112718) 368805.00
3858490.00 68.23662 (12112718)
368805.00 3858515.00 69.57967 (12112718) 368805.00
3858540.00 71.30271 (12112718)
368805.00 3858565.00 73.23813 (12112718) 368805.00
3858590.00 74.92873 (12112718)
368805.00 3858615.00 77.61018 (12112718) 368805.00
3858640.00 80.61950 (12112718)
368805.00 3858665.00 89.61295 (12111218) 368805.00
3858690.00 102.68782 (12111218)
368805.00 3858715.00 111.62748 (12111218) 368805.00
3858740.00 114.36040 (12111218)
368805.00 3858765.00 115.15581 (12111218) 368805.00
3858790.00 112.96189 (12111218)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368805.00	3858815.00	110.52371	(12111218)	368805.00	3858840.00	114.77031	(12112718)
368805.00	3858865.00	122.93746	(12112718)	368805.00	3858890.00	131.41306	(12112718)
368805.00	3859365.00	166.10522	(12121117)	368805.00	3859390.00	147.45157	(12121117)
368805.00	3859415.00	136.81867	(12121117)	368805.00	3859440.00	133.74510	(12121117)
368805.00	3859465.00	128.04272	(12121117)	368805.00	3859490.00	118.29557	(12121117)
368805.00	3859515.00	108.44838	(12121117)	368805.00	3859540.00	98.89626	(12122517)
368805.00	3859565.00	95.87700	(12122517)	368805.00	3859590.00	91.90823	(12122517)
368805.00	3859615.00	89.21736	(12010318)	368805.00	3859640.00	86.02682	(12010318)
368805.00	3859665.00	81.97511	(12010318)	368805.00	3859690.00	76.69417	(12122517)
368805.00	3859715.00	75.07853	(12122517)	368805.00	3859740.00	72.73519	(12122517)
368805.00	3859765.00	70.41628	(12122517)	368805.00	3859790.00	69.65887	(12122517)
368805.00	3859815.00	66.47565	(12122517)	368805.00	3859840.00	66.11185	(12122517)
368805.00	3859865.00	63.37014	(12122517)	368830.00	3858265.00	54.52795	(12112718)
368830.00	3858290.00	55.34420	(12112718)	368830.00			

3858315.00 56.62232 (12112718)
368830.00 3858340.00 57.42636 (12112718) 368830.00
3858365.00 58.23117 (12112718)
368830.00 3858390.00 59.39670 (12112718) 368830.00
3858415.00 60.67553 (12112718)
368830.00 3858440.00 61.72303 (12112718) 368830.00
3858465.00 63.36922 (12112718)
368830.00 3858490.00 65.16512 (12112718) 368830.00
3858515.00 66.52375 (12112718)
368830.00 3858540.00 68.25893 (12112718) 368830.00
3858565.00 70.21537 (12112718)
368830.00 3858590.00 71.94479 (12112718) 368830.00
3858615.00 74.62712 (12112718)
368830.00 3858640.00 79.97262 (12111218) 368830.00
3858665.00 92.21548 (12111218)
368830.00 3858690.00 102.42976 (12111218) 368830.00
3858715.00 108.38889 (12111218)
368830.00 3858740.00 109.44131 (12111218) 368830.00
3858765.00 109.58121 (12111218)
368830.00 3858790.00 107.45626 (12111218) 368830.00
3858815.00 105.45527 (12111218)
368830.00 3858840.00 110.69640 (12112718) 368830.00
3858865.00 118.67510 (12112718)
368830.00 3858890.00 127.08690 (12112718) 368830.00
3858915.00 142.48781 (12111218)
368830.00 3859365.00 167.69319 (12121117) 368830.00
3859390.00 146.90782 (12121117)
368830.00 3859415.00 137.38592 (12121117) 368830.00
3859440.00 131.03093 (12121117)
368830.00 3859465.00 125.64498 (12121117) 368830.00
3859490.00 117.82744 (12121117)
368830.00 3859515.00 109.39143 (12121117) 368830.00
3859540.00 96.58011 (12121117)
368830.00 3859565.00 93.72411 (12122517) 368830.00
3859590.00 90.38589 (12122517)
368830.00 3859615.00 85.73516 (12122517) 368830.00
3859640.00 84.47781 (12010318)
368830.00 3859665.00 83.45275 (12010318) 368830.00
3859690.00 76.56457 (12010318)
368830.00 3859715.00 74.51104 (12122517) 368830.00
3859740.00 71.89344 (12122517)
368830.00 3859765.00 69.26764 (12122517) 368830.00
3859790.00 68.15065 (12122517)
368830.00 3859815.00 64.91009 (12122517) 368830.00
3859840.00 64.52405 (12122517)
368830.00 3859865.00 62.19106 (12122517) 368855.00
3858265.00 51.98852 (12112718)
368855.00 3858290.00 52.74248 (12112718) 368855.00
3858315.00 53.94167 (12112718)
368855.00 3858340.00 54.70013 (12112718) 368855.00

 3858365.00   55.46553 (12112718)
        368855.00   3858390.00   56.58575 (12112718)   368855.00
 3858415.00   58.00040 (12112718)
↑ *** AERMOD - VERSION 24142 ***   ***
C:\Users\DWaymire\Documents\AERMOD\Euismod2\Euismod2.isc   ***
06/08/26
 *** AERMET - VERSION 19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
HRA   ***   18:18:49

                                    PAGE 156
 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   PAREA3   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF DPM   IN MICROGRAMS/M**3
                    **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        368855.00   3858440.00   59.38848 (12112718)   368855.00
 3858465.00   60.48469 (12112718)
        368855.00   3858490.00   62.22431 (12112718)   368855.00
 3858515.00   63.57509 (12112718)
        368855.00   3858540.00   65.28829 (12112718)   368855.00
 3858565.00   67.20965 (12112718)
        368855.00   3858590.00   68.90951 (12112718)   368855.00
 3858615.00   71.51106 (12112718)
        368855.00   3858640.00   82.34403 (12111218)   368855.00
 3858665.00   92.99728 (12111218)
        368855.00   3858690.00   101.02794 (12111218)   368855.00
 3858715.00   104.80319 (12111218)
        368855.00   3858740.00   104.57965 (12111218)   368855.00
 3858765.00   103.05548 (12111218)
        368855.00   3858790.00   102.40044 (12111218)   368855.00
 3858815.00   101.51069 (12111218)
        368855.00   3858840.00   105.10337 (12112718)   368855.00
 3858865.00   112.43764 (12112718)
        368855.00   3858890.00   123.69163 (12111218)   368855.00
 3858915.00   148.72430 (12111218)
        368855.00   3858940.00   182.71124 (12111218)   368855.00
 3859365.00   169.42955 (12121117)
        368855.00   3859390.00   147.39540 (12121117)   368855.00

3859415.00 135.55327 (12121117)
368855.00 3859440.00 127.56142 (12121117) 368855.00
3859465.00 122.87305 (12121117)
368855.00 3859490.00 116.77815 (12121117) 368855.00
3859515.00 109.80313 (12121117)
368855.00 3859540.00 98.45639 (12121117) 368855.00
3859565.00 89.90208 (12122517)
368855.00 3859590.00 87.19721 (12122517) 368855.00
3859615.00 83.19108 (12122517)
368855.00 3859640.00 81.38752 (12010318) 368855.00
3859665.00 82.58229 (12010318)
368855.00 3859690.00 78.18183 (12010318) 368855.00
3859715.00 73.78401 (12122517)
368855.00 3859740.00 71.33148 (12122517) 368855.00
3859765.00 68.74829 (12122517)
368855.00 3859790.00 67.50413 (12122517) 368855.00
3859815.00 64.16833 (12122517)
368855.00 3859840.00 63.53614 (12122517) 368855.00
3859865.00 61.12068 (12122517)
368880.00 3858265.00 49.40395 (12112718) 368880.00
3858290.00 50.11069 (12112718)
368880.00 3858315.00 51.24643 (12112718) 368880.00
3858340.00 51.96594 (12112718)
368880.00 3858365.00 52.70407 (12112718) 368880.00
3858390.00 53.78254 (12112718)
368880.00 3858415.00 55.03429 (12112718) 368880.00
3858440.00 56.15942 (12112718)
368880.00 3858465.00 57.54853 (12112718) 368880.00
3858490.00 59.24784 (12112718)
368880.00 3858515.00 60.55964 (12112718) 368880.00
3858540.00 62.21304 (12112718)
368880.00 3858565.00 64.05608 (12112718) 368880.00
3858590.00 65.67218 (12112718)
368880.00 3858615.00 74.52962 (12111218) 368880.00
3858640.00 84.31858 (12111218)
368880.00 3858665.00 92.98772 (12111218) 368880.00
3858690.00 98.88272 (12111218)
368880.00 3858715.00 101.11501 (12111218) 368880.00
3858740.00 100.24177 (12111218)
368880.00 3858765.00 98.51633 (12111218) 368880.00
3858790.00 98.46863 (12111218)
368880.00 3858815.00 98.79286 (12111218) 368880.00
3858840.00 102.80559 (12111218)
368880.00 3858865.00 112.35637 (12111218) 368880.00
3858890.00 128.31814 (12111218)
368880.00 3858915.00 155.19256 (12111218) 368880.00
3858940.00 188.26934 (12111218)
368880.00 3859165.00 194.32219 (12111218) 368880.00
3859190.00 189.69373 (12121117)
368880.00 3859215.00 194.87386 (12121117) 368880.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF DPM IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368880.00	3859515.00	109.68202	(12121117)	368880.00	3859540.00	99.82444	(12121117)
368880.00	3859565.00	88.43167	(12121117)	368880.00	3859590.00	81.40225	(12122517)
368880.00	3859615.00	79.29011	(12122517)	368880.00	3859640.00	77.68010	(12010318)
368880.00	3859665.00	80.01882	(12010318)	368880.00	3859690.00	77.86252	(12010318)
368880.00	3859715.00	75.34200	(12010318)	368880.00	3859740.00	70.02776	(12010318)
368880.00	3859765.00	67.70683	(12122517)	368880.00	3859790.00	66.68899	(12122517)
368880.00	3859815.00	63.53997	(12122517)	368880.00	3859840.00	62.91705	(12122517)
368880.00	3859865.00	60.49730	(12122517)	368905.00	3858265.00	46.75636	(12112718)
368905.00	3858290.00	47.42064	(12112718)	368905.00	3858315.00	48.49254	(12112718)
368905.00	3858340.00	49.17642	(12112718)	368905.00			

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3858365.00       50.08058  (12112718)
       368905.00   3858390.00       51.08247  (12112718)                368905.00
3858415.00       52.15113  (12112718)
       368905.00   3858440.00       53.30407  (12112718)                368905.00
3858465.00       54.51467  (12112718)
       368905.00   3858490.00       56.12547  (12112718)                368905.00
3858515.00       57.37128  (12112718)
       368905.00   3858540.00       58.93425  (12112718)                368905.00
3858565.00       60.66782  (12112718)
       368905.00   3858590.00       67.04684  (12111218)                368905.00
3858615.00       77.13392  (12111218)
       368905.00   3858640.00       85.42313  (12111218)                368905.00
3858665.00       92.16832  (12111218)
       368905.00   3858690.00       95.94840  (12111218)                368905.00
3858715.00       96.90965  (12111218)
       368905.00   3858740.00       96.32009  (12111218)                368905.00
3858765.00       94.86485  (12111218)
       368905.00   3858790.00       95.53432  (12111218)                368905.00
3858815.00       97.35166  (12111218)
       368905.00   3858840.00      103.51078  (12111218)                368905.00
3858865.00      115.51626  (12111218)
       368905.00   3858890.00      133.47833  (12111218)                368905.00
3858915.00      160.82217  (12111218)
       368905.00   3858940.00      187.51222  (12111218)                368905.00
3859165.00      169.15902  (12111218)
       368905.00   3859190.00      172.26154  (12121117)                368905.00
3859215.00      176.87130  (12121117)
       368905.00   3859240.00      181.29664  (12121117)                368905.00
3859365.00      172.73707  (12121117)
       368905.00   3859390.00      149.80496  (12121117)                368905.00
3859415.00      131.02427  (12121117)
       368905.00   3859440.00      122.13626  (12121117)                368905.00
3859465.00      117.64582  (12121117)
       368905.00   3859490.00      113.34861  (12121117)                368905.00
3859515.00      109.05378  (12121117)
       368905.00   3859540.00      100.66610  (12121117)                368905.00
3859565.00       90.84881  (12121117)
       368905.00   3859590.00       79.45487  (12121117)                368905.00
3859615.00       74.71379  (12122517)
       368905.00   3859640.00       73.73208  (12010318)                368905.00
3859665.00       76.61427  (12010318)
       368905.00   3859690.00       75.90329  (12010318)                368905.00
3859715.00       75.45061  (12010318)
       368905.00   3859740.00       71.83366  (12010318)                368905.00
3859765.00       66.58485  (12010318)
       368905.00   3859790.00       64.96857  (12122517)                368905.00
3859815.00       62.20616  (12122517)
       368905.00   3859840.00       61.84795  (12122517)                368905.00
3859865.00       59.66368  (12122517)
       368930.00   3858265.00       44.01764  (12112718)                368930.00
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF DPM IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368930.00	3858565.00	61.10976	(12111218)	368930.00	3858590.00	69.83740	(12111218)
368930.00	3858615.00	78.92575	(12111218)	368930.00	3858640.00	85.65412	(12111218)
368930.00	3858665.00	90.72281	(12111218)	368930.00	3858690.00	93.10546	(12111218)
368930.00	3858715.00	93.37569	(12111218)	368930.00	3858740.00	92.85718	(12111218)
368930.00	3858765.00	91.92288	(12111218)	368930.00	3858790.00	93.61891	(12111218)
368930.00	3858815.00	97.12694	(12111218)	368930.00	3858840.00	105.39624	(12111218)
368930.00	3858865.00	119.43428	(12111218)	368930.00	3858890.00	138.48573	(12111218)
368930.00	3858915.00	164.05626	(12111218)	368930.00			

3858940.00 187.89568 (12111218)
368930.00 3859165.00 159.09049 (12121117) 368930.00 3859190.00 158.05626 (12121117)
368930.00 3859215.00 161.90544 (12121117) 368930.00 3859240.00 166.05536 (12121117)
368930.00 3859340.00 203.30573 (12121117) 368930.00 3859365.00 174.31338 (12121117)
368930.00 3859390.00 151.28307 (12121117) 368930.00 3859415.00 135.08371 (12121117)
368930.00 3859440.00 122.05026 (12121117) 368930.00 3859465.00 115.78776 (12121117)
368930.00 3859490.00 111.40689 (12121117) 368930.00 3859515.00 108.01105 (12121117)
368930.00 3859540.00 100.99801 (12121117) 368930.00 3859565.00 93.08402 (12121117)
368930.00 3859590.00 82.71198 (12121117) 368930.00 3859615.00 70.45888 (12122517)
368930.00 3859640.00 70.60182 (12010318) 368930.00 3859665.00 72.87638 (12010318)
368930.00 3859690.00 72.97222 (12010318) 368930.00 3859715.00 73.97957 (12010318)
368930.00 3859740.00 72.22828 (12010318) 368930.00 3859765.00 68.39632 (12010318)
368930.00 3859790.00 64.39249 (12010318) 368930.00 3859815.00 59.88597 (12122517)
368930.00 3859840.00 59.88108 (12122517) 368930.00 3859865.00 58.05973 (12122517)
368955.00 3858265.00 43.66185 (12123117) 368955.00 3858290.00 44.32411 (12123117)
368955.00 3858315.00 45.45783 (12123117) 368955.00 3858340.00 46.19133 (12123117)
368955.00 3858365.00 47.36537 (12123117) 368955.00 3858390.00 48.42455 (12123117)
368955.00 3858415.00 49.49559 (12123117) 368955.00 3858440.00 50.88336 (12123117)
368955.00 3858465.00 51.78383 (12123117) 368955.00 3858490.00 53.33434 (12123117)
368955.00 3858515.00 54.39106 (12123117) 368955.00 3858540.00 55.68462 (12123117)
368955.00 3858565.00 63.98732 (12111218) 368955.00 3858590.00 72.17821 (12111218)
368955.00 3858615.00 79.94177 (12111218) 368955.00 3858640.00 85.18107 (12111218)
368955.00 3858665.00 88.86077 (12111218) 368955.00 3858690.00 90.72044 (12111218)
368955.00 3858715.00 90.85033 (12111218) 368955.00 3858740.00 89.93670 (12111218)
368955.00 3858765.00 89.77810 (12111218) 368955.00 3858790.00 92.72269 (12111218)
368955.00 3858815.00 97.98787 (12111218) 368955.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF DPM IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368955.00	3859490.00	109.64758	(12121117)	368955.00	3859515.00	106.69769	(12121117)
368955.00	3859540.00	100.84434	(12121117)	368955.00	3859565.00	94.12602	(12121117)
368955.00	3859590.00	84.91019	(12121117)	368955.00	3859615.00	73.74979	(12121117)
368955.00	3859640.00	67.93430	(12010318)	368955.00	3859665.00	68.98611	(12010318)
368955.00	3859690.00	70.04613	(12010318)	368955.00	3859715.00	71.64165	(12010318)
368955.00	3859740.00	71.20124	(12010318)	368955.00			

3859765.00 69.05639 (12010318)
368955.00 3859790.00 66.24327 (12010318) 368955.00
3859815.00 60.63595 (12010318)
368955.00 3859840.00 57.40266 (12111418) 368955.00
3859865.00 55.58947 (12122517)
368980.00 3858265.00 43.42566 (12123117) 368980.00
3858290.00 44.11248 (12123117)
368980.00 3858315.00 45.23772 (12123117) 368980.00
3858340.00 45.93124 (12123117)
368980.00 3858365.00 47.02651 (12123117) 368980.00
3858390.00 47.96802 (12123117)
368980.00 3858415.00 48.88292 (12123117) 368980.00
3858440.00 50.06979 (12123117)
368980.00 3858465.00 50.74085 (12123117) 368980.00
3858490.00 52.01661 (12123117)
368980.00 3858515.00 52.78064 (12123117) 368980.00
3858540.00 58.38588 (12111218)
368980.00 3858565.00 66.57241 (12111218) 368980.00
3858590.00 74.37175 (12111218)
368980.00 3858615.00 80.27812 (12111218) 368980.00
3858640.00 84.20373 (12111218)
368980.00 3858665.00 86.78871 (12111218) 368980.00
3858690.00 87.99136 (12111218)
368980.00 3858715.00 88.03309 (12111218) 368980.00
3858740.00 87.63753 (12111218)
368980.00 3858765.00 88.45942 (12111218) 368980.00
3858790.00 92.79299 (12111218)
368980.00 3858815.00 99.74450 (12111218) 368980.00
3858840.00 111.43239 (12111218)
368980.00 3858865.00 127.57322 (12111218) 368980.00
3858890.00 145.82105 (12111218)
368980.00 3858915.00 168.77211 (12111218) 368980.00
3858940.00 194.77846 (12111218)
368980.00 3859140.00 182.26052 (12121117) 368980.00
3859165.00 154.67557 (12121117)
368980.00 3859190.00 141.05548 (12121117) 368980.00
3859215.00 139.99817 (12121117)
368980.00 3859340.00 205.39584 (12121117) 368980.00
3859365.00 177.25531 (12121117)
368980.00 3859390.00 154.33539 (12121117) 368980.00
3859415.00 137.99884 (12121117)
368980.00 3859440.00 123.53888 (12121117) 368980.00
3859465.00 114.05554 (12121117)
368980.00 3859490.00 108.26123 (12121117) 368980.00
3859515.00 105.31819 (12121117)
368980.00 3859540.00 100.30841 (12121117) 368980.00
3859565.00 94.70093 (12121117)
368980.00 3859590.00 86.63701 (12121117) 368980.00
3859615.00 76.61203 (12121117)
368980.00 3859640.00 65.39332 (12121117) 368980.00

3859665.00 64.97092 (12010318)
368980.00 3859690.00 68.11343 (12010318) 368980.00
3859715.00 69.27406 (12010318)
368980.00 3859740.00 69.06680 (12010318) 368980.00
3859765.00 68.40717 (12010318)
368980.00 3859790.00 67.10038 (12010318) 368980.00
3859815.00 62.43557 (12010318)
368980.00 3859840.00 59.03757 (12010318) 368980.00
3859865.00 54.95957 (12111418)
369005.00 3858265.00 43.05881 (12123117) 369005.00
3858290.00 43.68113 (12123117)
369005.00 3858315.00 44.70714 (12123117) 369005.00
3858340.00 45.27498 (12123117)
369005.00 3858365.00 46.20655 (12123117) 369005.00
3858390.00 46.95556 (12123117)
369005.00 3858415.00 47.64970 (12123117) 369005.00
3858440.00 48.58268 (12123117)
369005.00 3858465.00 48.99235 (12123117) 369005.00
3858490.00 49.96665 (12123117)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF DPM IN MICROGRAMS/M**3
**

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M)
Y-COORD (M) CONC (YYMMDDHH)
- - - -

3858690.00 85.01855 (12111218)
369005.00 3858715.00 85.01530 (12111218) 369005.00
3858740.00 86.01241 (12111218)
369005.00 3858765.00 87.96228 (12111218) 369005.00
3858790.00 93.71170 (12111218)
369005.00 3858815.00 102.14006 (12111218) 369005.00
3858840.00 114.84798 (12111218)
369005.00 3858865.00 131.10265 (12111218) 369005.00
3858890.00 148.79523 (12111218)
369005.00 3858915.00 171.99368 (12111218) 369005.00
3858940.00 199.18689 (12111218)
369005.00 3859140.00 184.09422 (12121117) 369005.00
3859165.00 155.94611 (12121117)
369005.00 3859190.00 138.22500 (12121117) 369005.00
3859215.00 133.57697 (12022418)
369005.00 3859340.00 205.58010 (12121117) 369005.00
3859365.00 178.52504 (12121117)
369005.00 3859390.00 155.82371 (12121117) 369005.00
3859415.00 139.32935 (12121117)
369005.00 3859440.00 124.42642 (12121117) 369005.00
3859465.00 114.05150 (12121117)
369005.00 3859490.00 107.33210 (12121117) 369005.00
3859515.00 104.03979 (12121117)
369005.00 3859540.00 99.50905 (12121117) 369005.00
3859565.00 94.85251 (12121117)
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3859615.00 78.96750 (12121117)
369005.00 3859640.00 68.87037 (12121117) 369005.00
3859665.00 61.09376 (12010318)
369005.00 3859690.00 62.50803 (12010318) 369005.00
3859715.00 64.97568 (12010318)
369005.00 3859740.00 66.24172 (12010318) 369005.00
3859765.00 66.65708 (12010318)
369005.00 3859790.00 66.77096 (12010318) 369005.00
3859815.00 63.40910 (12010318)
369005.00 3859840.00 60.87501 (12010318) 369005.00
3859865.00 56.13250 (12010318)
369030.00 3858265.00 42.36495 (12123117) 369030.00
3858290.00 42.85688 (12123117)
369030.00 3858315.00 43.71882 (12123117) 369030.00
3858340.00 44.10777 (12123117)
369030.00 3858365.00 44.82781 (12123117) 369030.00
3858390.00 45.34939 (12123117)
369030.00 3858415.00 45.80300 (12123117) 369030.00
3858440.00 46.47346 (12123117)
369030.00 3858465.00 46.63365 (12123117) 369030.00
3858490.00 49.30500 (12111218)
369030.00 3858515.00 55.92064 (12111218) 369030.00
3858540.00 62.89725 (12111218)
369030.00 3858565.00 69.74223 (12111218) 369030.00

3858590.00   75.41718 (12111218)
       369030.00   3858615.00   79.30693 (12111218)   369030.00
3858640.00   82.13175 (12111218)
       369030.00   3858665.00   82.91202 (12111218)   369030.00
3858690.00   83.14647 (12111218)
       369030.00   3858715.00   83.70040 (12111218)   369030.00
3858740.00   85.20413 (12111218)
       369030.00   3858765.00   89.09461 (12111218)   369030.00
3858790.00   95.50274 (12111218)
       369030.00   3858815.00   104.90307 (12111218)   369030.00
3858840.00   118.18392 (12111218)
       369030.00   3858865.00   134.33484 (12111218)   369030.00
3858890.00   151.89180 (12111218)
       369030.00   3858915.00   175.65597 (12111218)   369030.00
3858940.00   203.55797 (12111218)
       369030.00   3859140.00   185.42548 (12121117)   369030.00
3859165.00   157.57001 (12121117)
       369030.00   3859190.00   137.52693 (12121117)   369030.00
3859215.00   129.04041 (12022418)
       369030.00   3859340.00   204.65997 (12121117)   369030.00
3859365.00   179.41276 (12121117)
       369030.00   3859390.00   157.23039 (12121117)   369030.00
3859415.00   140.70744 (12121117)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PAREA3   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF DPM   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        369030.00   3859440.00   125.91789 (12112418)   369030.00
3859465.00   114.75738 (12112418)
        369030.00   3859490.00   106.87712 (12121117)   369030.00

3859515.00 103.01036 (12121117)
369030.00 3859540.00 98.59185 (12121117) 369030.00
3859565.00 94.64709 (12121117)
369030.00 3859590.00 88.70884 (12121117) 369030.00
3859615.00 80.85200 (12121117)
369030.00 3859640.00 71.80456 (12121117) 369030.00
3859665.00 59.94925 (12121117)
369030.00 3859690.00 58.53729 (12010318) 369030.00
3859715.00 61.26576 (12010318)
369030.00 3859740.00 63.04234 (12010318) 369030.00
3859765.00 64.15835 (12010318)
369030.00 3859790.00 65.35634 (12010318) 369030.00
3859815.00 63.34191 (12010318)
369030.00 3859840.00 61.98764 (12010318) 369030.00
3859865.00 57.94933 (12010318)
369055.00 3858265.00 41.24621 (12123117) 369055.00
3858290.00 41.56865 (12123117)
369055.00 3858315.00 42.23172 (12123117) 369055.00
3858340.00 42.42374 (12123117)
369055.00 3858365.00 42.92338 (12123117) 369055.00
3858390.00 43.22557 (12123117)
369055.00 3858415.00 43.45781 (12123117) 369055.00
3858440.00 43.89726 (12123117)
369055.00 3858465.00 45.23589 (12111218) 369055.00
3858490.00 51.65271 (12111218)
369055.00 3858515.00 58.29005 (12111218) 369055.00
3858540.00 64.75631 (12111218)
369055.00 3858565.00 70.68325 (12111218) 369055.00
3858590.00 75.56924 (12111218)
369055.00 3858615.00 78.30489 (12111218) 369055.00
3858640.00 80.43357 (12111218)
369055.00 3858665.00 80.94922 (12111218) 369055.00
3858690.00 81.50217 (12111218)
369055.00 3858715.00 82.72528 (12111218) 369055.00
3858740.00 85.00019 (12111218)
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3858790.00 97.68867 (12111218)
369055.00 3858815.00 107.81785 (12111218) 369055.00
3858840.00 121.39048 (12111218)
369055.00 3858865.00 137.47308 (12111218) 369055.00
3858890.00 155.18946 (12111218)
369055.00 3858915.00 179.48520 (12111218) 369055.00
3858940.00 207.65852 (12111218)
369055.00 3859140.00 186.06839 (12121117) 369055.00
3859165.00 159.08482 (12121117)
369055.00 3859190.00 138.00657 (12121117) 369055.00
3859215.00 126.07853 (12121117)
369055.00 3859340.00 202.53419 (12121117) 369055.00
3859365.00 179.64127 (12121117)
369055.00 3859390.00 158.42642 (12121117) 369055.00

3859415.00 142.07813 (12121117)
369055.00 3859440.00 126.70154 (12121117) 369055.00
3859465.00 117.27154 (12112418)
369055.00 3859490.00 109.10366 (12112418) 369055.00
3859515.00 102.31487 (12121117)
369055.00 3859540.00 97.70444 (12121117) 369055.00
3859565.00 94.20217 (12121117)
369055.00 3859590.00 89.11994 (12121117) 369055.00
3859615.00 82.28503 (12121117)
369055.00 3859640.00 74.25219 (12121117) 369055.00
3859665.00 63.46646 (12121117)
369055.00 3859690.00 56.54826 (17122818) 369055.00
3859715.00 58.20835 (12010318)
369055.00 3859740.00 59.67423 (12010318) 369055.00
3859765.00 61.21572 (12010318)
369055.00 3859790.00 63.13968 (12010318) 369055.00
3859815.00 62.25786 (12010318)
369055.00 3859840.00 62.14607 (12010318) 369055.00
3859865.00 59.13128 (12010318)
369080.00 3858265.00 39.68990 (12123117) 369080.00
3858290.00 39.83691 (12123117)
369080.00 3858315.00 40.30291 (12123117) 369080.00
3858340.00 40.31408 (12123117)
369080.00 3858365.00 40.88904 (16011118) 369080.00
3858390.00 41.68058 (16011118)
369080.00 3858415.00 42.22294 (16020918) 369080.00
3858440.00 43.05683 (16020918)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF DPM IN MICROGRAMS/M**3
**

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M)
Y-COORD (M) CONC (YYMMDDHH)
- -

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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       369080.00   3858465.00       47.46930  (12111218)                369080.00
 3858490.00       53.80914  (12111218)
       369080.00   3858515.00       60.31901  (12111218)                369080.00
 3858540.00       66.16452  (12111218)
       369080.00   3858565.00       71.08518  (12111218)                369080.00
 3858590.00       75.09176  (12111218)
       369080.00   3858615.00       77.10174  (12111218)                369080.00
 3858640.00       78.76914  (12111218)
       369080.00   3858665.00       79.24274  (12111218)                369080.00
 3858690.00       80.15132  (12111218)
       369080.00   3858715.00       82.09656  (12111218)                369080.00
 3858740.00       85.37186  (12111218)
       369080.00   3858765.00       91.86822  (12111218)                369080.00
 3858790.00      100.09608  (12111218)
       369080.00   3858815.00      110.77333  (12111218)                369080.00
 3858840.00      124.49361  (12111218)
       369080.00   3858865.00      140.63758  (12111218)                369080.00
 3858890.00      158.61789  (12111218)
       369080.00   3858915.00      183.22433  (12111218)                369080.00
 3858940.00      209.70020  (12111218)
       369080.00   3858965.00      226.95269  (12111218)                369080.00
 3858990.00      223.92917  (12111218)
       369080.00   3859015.00      214.15113  (12111218)                369080.00
 3859040.00      197.40129  (12111218)
       369080.00   3859065.00      189.35993  (12022418)                369080.00
 3859090.00      184.00222  (12022418)
       369080.00   3859115.00      176.43976  (12121117)                369080.00
 3859140.00      183.87696  (12121117)
       369080.00   3859165.00      160.25028  (12121117)                369080.00
 3859190.00      139.00446  (12121117)
       369080.00   3859215.00      125.15294  (12121117)                369080.00
 3859240.00      154.99834  (12022418)
       369080.00   3859265.00      180.08647  (12022418)                369080.00
 3859290.00      172.45194  (12121117)
       369080.00   3859315.00      197.98345  (12121117)                369080.00
 3859340.00      198.78554  (12121117)
       369080.00   3859365.00      178.93996  (12121117)                369080.00
 3859390.00      159.24117  (12121117)
       369080.00   3859415.00      143.35066  (12121117)                369080.00
 3859440.00      127.94748  (12121117)
       369080.00   3859465.00      116.99176  (12112418)                369080.00
 3859490.00      112.12525  (12112418)
       369080.00   3859515.00      103.44537  (12112418)                369080.00
 3859540.00       96.95763  (12121117)
       369080.00   3859565.00       93.62666  (12121117)                369080.00
 3859590.00       89.21331  (12121117)
       369080.00   3859615.00       83.30780  (12121117)                369080.00
 3859640.00       76.23746  (12121117)
       369080.00   3859665.00       66.48599  (12121117)                369080.00
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 3859690.00       56.98969  (16021218)
       369080.00   3859715.00       55.36611  (12010318)               369080.00
 3859740.00       56.31965  (12010318)
       369080.00   3859765.00       58.05312  (12010318)               369080.00
 3859790.00       60.41283  (12010318)
       369080.00   3859815.00       60.36899  (12010318)               369080.00
 3859840.00       61.33328  (12010318)
       369080.00   3859865.00       59.47507  (12010318)               369105.00
 3858265.00       37.76203  (12123117)
       369105.00   3858290.00       37.75052  (12123117)               369105.00
 3858315.00       38.85418  (16020918)
       369105.00   3858340.00       39.63813  (16020918)               369105.00
 3858365.00       40.47595  (16011118)
       369105.00   3858390.00       41.12973  (16020918)               369105.00
 3858415.00       41.82283  (16020918)
       369105.00   3858440.00       44.07557  (12111218)               369105.00
 3858465.00       49.57935  (12111218)
       369105.00   3858490.00       55.72040  (12111218)               369105.00
 3858515.00       61.70468  (12111218)
       369105.00   3858540.00       66.88776  (12111218)               369105.00
 3858565.00       71.10076  (12111218)
       369105.00   3858590.00       74.34923  (12111218)               369105.00
 3858615.00       75.82331  (12111218)
       369105.00   3858640.00       77.23834  (12111218)               369105.00
 3858665.00       77.86458  (12111218)
       369105.00   3858690.00       79.27636  (12111218)               369105.00
 3858715.00       82.03089  (12111218)
       369105.00   3858740.00       86.25638  (12111218)               369105.00
 3858765.00       93.51090  (12111218)
       369105.00   3858790.00      102.61513  (12111218)               369105.00
 3858815.00      113.71388  (12111218)
 *** AERMOD - VERSION 24142  ***   ***
C:\Users\DWaymire\Documents\AERMOD\Euismod2\Euismod2.isc             ***
06/08/26
 *** AERMET - VERSION  19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
HRA                         ***        18:18:49

                                    PAGE 163
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL
ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                    INCLUDING SOURCE(S):     PAREA3      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF DPM      IN MICROGRAMS/M**3
                    **
```

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
369105.00	3858840.00	127.56611	(12111218)	369105.00	3858865.00	143.85334	(12111218)
369105.00	3858890.00	162.00698	(12111218)	369105.00	3858915.00	185.77766	(12111218)
369105.00	3858940.00	204.71000	(12111218)	369105.00	3858965.00	208.21656	(12111218)
369105.00	3858990.00	202.72931	(12111218)	369105.00	3859015.00	191.93971	(12111218)
369105.00	3859040.00	178.58062	(12022418)	369105.00	3859065.00	180.57327	(12022418)
369105.00	3859090.00	174.10521	(12110617)	369105.00	3859115.00	158.16123	(12121117)
369105.00	3859140.00	172.13950	(12121117)	369105.00	3859165.00	160.22435	(12121117)
369105.00	3859190.00	140.09625	(12121117)	369105.00	3859215.00	125.17767	(12121117)
369105.00	3859240.00	149.09600	(12022418)	369105.00	3859265.00	166.32594	(12022418)
369105.00	3859290.00	156.22925	(12110617)	369105.00	3859315.00	174.76666	(12121117)
369105.00	3859340.00	187.85520	(12121117)	369105.00	3859365.00	177.23297	(12121117)
369105.00	3859390.00	159.47897	(12121117)	369105.00	3859415.00	144.40220	(12121117)
369105.00	3859440.00	129.17618	(12121117)	369105.00	3859465.00	117.77239	(12121117)
369105.00	3859490.00	111.26206	(12112418)	369105.00	3859515.00	104.91870	(12112418)
369105.00	3859540.00	97.54704	(12112418)	369105.00	3859565.00	93.14376	(12121117)
369105.00	3859590.00	89.06164	(12121117)	369105.00	3859615.00	83.94534	(12121117)
369105.00	3859640.00	77.79862	(12121117)	369105.00	3859665.00	69.03934	(12121117)
369105.00	3859690.00	59.75655	(12121117)	369105.00	3859715.00	54.31454	(16021218)
369105.00	3859740.00	53.43419	(12010318)	369105.00	3859765.00	55.16710	(12010318)
369105.00	3859790.00	57.41607	(12010318)	369105.00	3859815.00	57.93134	(12010318)
369105.00	3859840.00	59.70374	(12010318)	369105.00	3859865.00	58.92043	(12010318)
369130.00	3858265.00	36.58044	(16020918)	369130.00	3858290.00	37.62607	(16020918)
369130.00	3858315.00	38.78337	(16020918)	369130.00			

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 3858340.00       39.37590  (16020918)
       369130.00   3858365.00       39.85520  (16020918)                369130.00
 3858390.00       40.59571  (16020918)
       369130.00   3858415.00       41.69410  (16020918)                369130.00
 3858440.00       46.11588  (12111218)
       369130.00   3858465.00       51.50953  (12111218)                369130.00
 3858490.00       57.34666  (12111218)
       369130.00   3858515.00       62.44343  (12111218)                369130.00
 3858540.00       66.98325  (12111218)
       369130.00   3858565.00       70.81417  (12111218)                369130.00
 3858590.00       73.44673  (12111218)
       369130.00   3858615.00       74.56675  (12111218)                369130.00
 3858640.00       75.92527  (12111218)
       369130.00   3858665.00       76.86445  (12111218)                369130.00
 3858690.00       78.89042  (12111218)
       369130.00   3858715.00       82.47885  (12111218)                369130.00
 3858740.00       87.48200  (12111218)
       369130.00   3858765.00       94.62677  (12111218)                369130.00
 3858790.00      105.06283  (12111218)
       369130.00   3858815.00      116.63697  (12111218)                369130.00
 3858840.00      130.63160  (12111218)
       369130.00   3858865.00      147.01727  (12111218)                369130.00
 3858890.00      164.71859  (12111218)
       369130.00   3858915.00      185.05952  (12111218)                369130.00
 3858940.00      195.35478  (12111218)
       369130.00   3858965.00      192.95002  (12111218)                369130.00
 3858990.00      184.80770  (12111218)
       369130.00   3859015.00      171.13120  (12111218)                369130.00
 3859040.00      171.16171  (12022418)
       369130.00   3859065.00      172.43922  (12022418)                369130.00
 3859090.00      165.26936  (12110617)
       369130.00   3859115.00      148.48463  (12110617)                369130.00
 3859140.00      157.33972  (12121117)
       369130.00   3859165.00      156.34540  (12121117)                369130.00
 3859190.00      140.72811  (12121117)
 *** AERMOD - VERSION 24142  ***   ***
C:\Users\DWaymire\Documents\AERMOD\Euismod2\Euismod2.isc             ***
06/08/26
 *** AERMET - VERSION  19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
HRA                         ***        18:18:49

                                    PAGE 164
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL
ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     PAREA3      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
```

***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
369130.00	3859215.00	125.70454	(12121117)	369130.00	3859240.00	142.71933	(12022418)
369130.00	3859265.00	154.31138	(12110617)	369130.00	3859290.00	144.19715	(12110617)
369130.00	3859315.00	154.65832	(12121117)	369130.00	3859340.00	173.68067	(12121117)
369130.00	3859365.00	172.57743	(12121117)	369130.00	3859390.00	158.93828	(12121117)
369130.00	3859415.00	145.11358	(12121117)	369130.00	3859440.00	130.33392	(12121117)
369130.00	3859465.00	118.87731	(12121117)	369130.00	3859490.00	110.12097	(12121117)
369130.00	3859515.00	104.17758	(12112418)	369130.00	3859540.00	100.84800	(12112418)
369130.00	3859565.00	94.32511	(12112418)	369130.00	3859590.00	88.78276	(12121117)
369130.00	3859615.00	84.30156	(12121117)	369130.00	3859640.00	78.96005	(12121117)
369130.00	3859665.00	71.14885	(12121117)	369130.00	3859690.00	62.77482	(12121117)
369130.00	3859715.00	53.65704	(12112418)	369130.00	3859740.00	52.07438	(16021218)
369130.00	3859765.00	53.37945	(12010318)	369130.00	3859790.00	54.34950	(12010318)
369130.00	3859815.00	55.17893	(12010318)	369130.00	3859840.00	57.47685	(12010318)
369130.00	3859865.00	57.56376	(12010318)	369155.00	3858265.00	36.79657	(16020918)
369155.00	3858290.00	37.60525	(16020918)	369155.00	3858315.00	38.59405	(16020918)
369155.00	3858340.00	39.11889	(16020918)	369155.00	3858365.00	39.64721	(16020918)
369155.00	3858390.00	40.54720	(16020918)	369155.00	3858415.00	42.53589	(12111218)
369155.00	3858440.00	47.68596	(12111218)	369155.00	3858465.00	53.20923	(12111218)
369155.00	3858490.00	58.66800	(12111218)	369155.00	3858515.00	63.20542	(12111218)
369155.00	3858540.00	67.10115	(12111218)	369155.00	3858565.00	70.30897	(12111218)
369155.00	3858590.00	72.47926	(12111218)	369155.00			

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 3858615.00       73.41748  (12111218)
       369155.00   3858640.00       74.88725  (12111218)               369155.00
 3858665.00       76.26564  (12111218)
       369155.00   3858690.00       78.96940  (12111218)               369155.00
 3858715.00       83.36853  (12111218)
       369155.00   3858740.00       89.17031  (12111218)               369155.00
 3858765.00       96.93820  (12111218)
       369155.00   3858790.00      107.77649  (12111218)               369155.00
 3858815.00      119.55110  (12111218)
       369155.00   3858840.00      133.62431  (12111218)               369155.00
 3858865.00      149.75296  (12111218)
       369155.00   3858890.00      165.68713  (12111218)               369155.00
 3858915.00      180.79902  (12111218)
       369155.00   3858940.00      184.31135  (12111218)               369155.00
 3858965.00      180.20778  (12111218)
       369155.00   3858990.00      169.15621  (12111218)               369155.00
 3859015.00      164.23013  (12022418)
       369155.00   3859040.00      164.45220  (12022418)               369155.00
 3859065.00      164.91677  (12022418)
       369155.00   3859090.00      157.16126  (12110617)               369155.00
 3859115.00      140.78894  (12110617)
       369155.00   3859140.00      142.48810  (12121117)               369155.00
 3859165.00      148.53722  (12121117)
       369155.00   3859190.00      139.73433  (12121117)               369155.00
 3859215.00      126.26870  (12121117)
       369155.00   3859240.00      136.83047  (12022418)               369155.00
 3859265.00      144.54819  (12110617)
       369155.00   3859290.00      133.64309  (12110617)               369155.00
 3859315.00      137.28385  (12121117)
       369155.00   3859340.00      157.21826  (12121117)               369155.00
 3859365.00      164.22606  (12121117)
       369155.00   3859390.00      156.93866  (12121117)               369155.00
 3859415.00      145.28689  (12121117)
       369155.00   3859440.00      131.32303  (12121117)               369155.00
 3859465.00      119.97763  (12121117)
       369155.00   3859490.00      111.01878  (12121117)               369155.00
 3859515.00      102.68009  (12121117)
       369155.00   3859540.00      100.08142  (12112418)               369155.00
 3859565.00       95.50349  (12112418)
 *** AERMOD - VERSION 24142  ***   ***
C:\Users\DWaymire\Documents\AERMOD\Euismod2\Euismod2.isc             ***
06/08/26
 *** AERMET - VERSION  19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
HRA                         ***        18:18:49

                                  PAGE 165
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL
ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
```

VALUES FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   PAREA3   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF DPM   IN MICROGRAMS/M**3
                    **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

3858890.00   164.03827 (12111218)
       369180.00   3858915.00   171.78850 (12111218)   369180.00
3858940.00   172.18806 (12111218)
       369180.00   3858965.00   164.38071 (12111218)   369180.00
3858990.00   151.79426 (12022418)
       369180.00   3859015.00   158.14919 (12022418)   369180.00
3859040.00   158.31791 (12022418)
       369180.00   3859065.00   157.94655 (12022418)   369180.00
3859090.00   149.81591 (12110617)
       369180.00   3859115.00   134.28177 (12110617)   369180.00
3859140.00   128.21220 (12121117)
       369180.00   3859165.00   138.51612 (12121117)   369180.00
3859190.00   136.31848 (12121117)
       369180.00   3859215.00   126.20553 (12121117)   369180.00
3859240.00   130.86226 (12022418)
       369180.00   3859265.00   135.80598 (12110617)   369180.00
3859290.00   124.43855 (12110617)
       369180.00   3859315.00   123.70720 (12121117)   369180.00
3859340.00   142.01702 (12121117)
       369180.00   3859365.00   153.57324 (12121117)   369180.00
3859390.00   153.66676 (12121117)
       369180.00   3859415.00   144.92637 (12121117)   369180.00
3859440.00   133.87372 (12121117)
       369180.00   3859465.00   121.92093 (12121117)   369180.00
3859490.00   111.99140 (12121117)
       369180.00   3859515.00   103.34324 (12121117)   369180.00
3859540.00   97.66141 (12121117)
       369180.00   3859565.00   94.80620 (12112418)   369180.00
3859590.00   91.38728 (12112418)
       369180.00   3859615.00   86.79192 (12112418)   369180.00
3859640.00   80.40168 (12121117)
       369180.00   3859665.00   74.95649 (12121117)   369180.00
3859690.00   67.97206 (12112418)
       369180.00   3859715.00   61.13330 (12112418)   369180.00
3859740.00   55.59496 (12112418)
       369180.00   3859765.00   50.54353 (12112418)   369180.00
3859790.00   49.04060 (12010318)
       369180.00   3859815.00   50.94811 (12010318)   369180.00
3859840.00   52.40388 (12010318)
       369180.00   3859865.00   54.17255 (12010318)   369205.00
3858265.00   36.75566 (16020918)
       369205.00   3858290.00   37.34100 (16020918)   369205.00
3858315.00   38.10282 (16020918)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PAREA3   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF DPM   IN MICROGRAMS/M**3
                    **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        369205.00   3858340.00   39.00394 (16020918)   369205.00
 3858365.00   39.93433 (16020918)
        369205.00   3858390.00   41.31422 (16020918)   369205.00
 3858415.00   46.14136 (12111218)
        369205.00   3858440.00   50.91613 (12111218)   369205.00
 3858465.00   55.87025 (12111218)
        369205.00   3858490.00   60.16330 (12111218)   369205.00
 3858515.00   63.73453 (12111218)
        369205.00   3858540.00   66.65870 (12111218)   369205.00
 3858565.00   68.74192 (12111218)
        369205.00   3858590.00   69.99816 (12111218)   369205.00
 3858615.00   71.68037 (12111218)
        369205.00   3858640.00   73.10164 (12111218)   369205.00
 3858665.00   75.94299 (12111218)
        369205.00   3858690.00   79.90700 (12111218)   369205.00
 3858715.00   85.46504 (12111218)
        369205.00   3858740.00   93.22316 (12111218)   369205.00
 3858765.00   101.86617 (12111218)
        369205.00   3858790.00   113.21513 (12111218)   369205.00
 3858815.00   125.05574 (12111218)
        369205.00   3858840.00   138.38197 (12111218)   369205.00
 3858865.00   151.59814 (12111218)
        369205.00   3858890.00   160.37312 (12111218)   369205.00
 3858915.00   162.72847 (12111218)
        369205.00   3858940.00   160.13183 (12111218)   369205.00
 3858965.00   149.69917 (12111218)
        369205.00   3858990.00   145.87877 (12022418)   369205.00
 3859015.00   152.57768 (12022418)
        369205.00   3859040.00   152.65930 (12022418)   369205.00
 3859065.00   151.47542 (12022418)
        369205.00   3859090.00   143.20579 (12110617)   369205.00
 3859115.00   128.66939 (12110617)
        369205.00   3859140.00   114.60526 (12121117)   369205.00

```
 3859165.00      127.55199  (12121117)
       369205.00   3859190.00      130.63459  (12121117)                369205.00
 3859215.00      124.84404  (12121117)
       369205.00   3859240.00      125.19368  (12022418)                369205.00
 3859265.00      128.06597  (12110617)
       369205.00   3859290.00      116.40539  (12110617)                369205.00
 3859315.00      113.77032  (12121117)
       369205.00   3859340.00      128.86487  (12121117)                369205.00
 3859365.00      142.13571  (12121117)
       369205.00   3859390.00      147.61137  (12121117)                369205.00
 3859415.00      143.01550  (12121117)
       369205.00   3859440.00      134.05863  (12121117)                369205.00
 3859465.00      124.14404  (12121117)
       369205.00   3859490.00      113.08594  (12121117)                369205.00
 3859515.00      104.94514  (12121117)
       369205.00   3859540.00       98.22605  (12121117)                369205.00
 3859565.00       92.54609  (12121117)
       369205.00   3859590.00       90.70962  (12112418)                369205.00
 3859615.00       87.75090  (12112418)
       369205.00   3859640.00       82.58998  (12112418)                369205.00
 3859665.00       78.30373  (12112418)
       369205.00   3859690.00       71.58879  (12112418)                369205.00
 3859715.00       65.55079  (12112418)
       369205.00   3859740.00       59.85179  (12112418)                369205.00
 3859765.00       54.02898  (12112418)
       369205.00   3859790.00       48.39303  (12112418)                369205.00
 3859815.00       48.98892  (12010318)
       369205.00   3859840.00       49.79320  (12010318)                369205.00
 3859865.00       51.96450  (12010318)
       367605.00   3859915.00       12.62329  (16021309)                367605.00
 3859965.00       12.48109  (16021309)
       367605.00   3860015.00       12.16886  (16021309)                367605.00
 3860065.00       11.67340  (16021309)
       367655.00   3859915.00       12.66187  (16021309)                367655.00
 3859965.00       12.39273  (16021309)
       367655.00   3860015.00       11.93162  (16021309)                367655.00
 3860065.00       11.28864  (16021309)
       367705.00   3859915.00       13.94727  (19102517)                367705.00
 3859965.00       12.19098  (16021309)
       367705.00   3860015.00       11.57503  (16021309)                367705.00
 3860065.00       10.77295  (16021309)
       367755.00   3859915.00       13.88358  (19102517)                367755.00
 3859965.00       11.86420  (16021309)
       367755.00   3860015.00       11.08470  (16021309)                367755.00
 3860065.00       10.13529  (16021309)
       367805.00   3859915.00       13.56716  (19102517)                367805.00
 3859965.00       12.20342  (12111318)
 *** AERMOD - VERSION 24142  ***   ***
C:\Users\DWaymire\Documents\AERMOD\Euismod2\Euismod2.isc                ***
06/08/26
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   PAREA3   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367805.00	3860015.00	11.48796	(17121117)	367805.00	3860065.00	11.24653	(16102717)
367855.00	3859915.00	15.75184	(12111318)	367855.00	3859965.00	13.66177	(12111318)
367855.00	3860015.00	12.85055	(17121117)	367855.00	3860065.00	12.71764	(16102717)
367905.00	3859915.00	18.38966	(12111318)	367905.00	3859965.00	16.43627	(16011717)
367905.00	3860015.00	15.65161	(16011717)	367905.00	3860065.00	14.35443	(16011717)
367955.00	3859915.00	23.42169	(16011717)	367955.00	3859965.00	20.35837	(16011717)
367955.00	3860015.00	21.08719	(16011717)	367955.00	3860065.00	18.06771	(16011717)
368005.00	3859915.00	33.14404	(16011717)	368005.00	3859965.00	27.66083	(16011717)
368005.00	3860015.00	26.34728	(16011717)	368005.00	3860065.00	19.49858	(16011717)
368055.00	3859915.00	41.53328	(16011717)	368055.00	3859965.00	35.40110	(16011717)
368055.00	3860015.00	27.83987	(16011717)	368055.00	3860065.00	22.39793	(12111217)
368105.00	3859915.00	47.77730	(16011717)	368105.00	3859965.00	39.77991	(16011717)
368105.00	3860015.00	30.23277	(12111217)	368105.00	3860065.00	26.48458	(12111217)
368155.00	3859915.00	52.39150	(16011717)	368155.00	3859965.00	39.89769	(12111217)
368155.00	3860015.00	35.43480	(12111217)	368155.00			

3860065.00 32.62011 (12111217)
368205.00 3859915.00 54.33383 (12111217) 368205.00
3859965.00 46.96860 (12111217)
368205.00 3860015.00 42.29752 (12111217) 368205.00
3860065.00 39.40892 (12111217)
368255.00 3859915.00 62.44983 (12111217) 368255.00
3859965.00 58.21796 (12111217)
368255.00 3860015.00 51.13046 (12111217) 368255.00
3860065.00 47.37368 (12111217)
368305.00 3859915.00 69.55088 (12111217) 368305.00
3859965.00 64.56747 (12111217)
368305.00 3860015.00 57.11692 (12111217) 368305.00
3860065.00 48.88857 (12111217)
368355.00 3859915.00 72.48813 (12111217) 368355.00
3859965.00 64.06629 (12111217)
368355.00 3860015.00 54.42426 (12111217) 368355.00
3860065.00 43.70782 (12111217)
368405.00 3859915.00 66.75897 (12111217) 368405.00
3859965.00 54.63577 (12111217)
368405.00 3860015.00 43.80730 (12111217) 368405.00
3860065.00 38.84332 (12122517)
368455.00 3859915.00 51.35287 (12111217) 368455.00
3859965.00 40.93255 (12111217)
368455.00 3860015.00 36.69705 (12122517) 368455.00
3860065.00 36.35537 (12122517)
368505.00 3859915.00 45.48966 (16012217) 368505.00
3859965.00 42.33544 (16012217)
368505.00 3860015.00 39.73711 (16012217) 368505.00
3860065.00 37.16555 (16012217)
368555.00 3859915.00 55.48910 (16012217) 368555.00
3859965.00 52.79773 (16012217)
368555.00 3860015.00 48.44851 (16012217) 368555.00
3860065.00 46.26633 (16012217)
368605.00 3859915.00 63.96701 (16012217) 368605.00
3859965.00 60.04791 (16012217)
368605.00 3860015.00 54.25918 (16012217) 368605.00
3860065.00 51.65064 (16012217)
368655.00 3859915.00 65.32074 (16022018) 368655.00
3859965.00 59.09241 (16022018)
368655.00 3860015.00 50.65786 (16022018) 368655.00
3860065.00 45.36438 (16022018)
368705.00 3859915.00 70.98166 (16022018) 368705.00
3859965.00 64.14260 (16022018)
368705.00 3860015.00 60.03816 (16022018) 368705.00
3860065.00 53.15043 (16022018)
368755.00 3859915.00 54.62429 (16022018) 368755.00
3859965.00 52.55368 (16022018)
368755.00 3860015.00 51.46413 (16022018) 368755.00
3860065.00 49.28446 (16022018)
368805.00 3859915.00 58.56612 (12122517) 368805.00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PAREA3   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF DPM   IN MICROGRAMS/M**3
                   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        368805.00   3860015.00   44.43676 (12122517)   368805.00
 3860065.00   40.47900 (16022018)
        368855.00   3859915.00   58.17704 (12122517)   368855.00
 3859965.00   55.45913 (12122517)
        368855.00   3860015.00   50.03471 (12122517)   368855.00
 3860065.00   46.30456 (12122517)
        368905.00   3859915.00   57.05883 (12122517)   368905.00
 3859965.00   54.51865 (12122517)
        368905.00   3860015.00   50.53943 (12122517)   368905.00
 3860065.00   47.40395 (12122517)
        368955.00   3859915.00   54.18280 (12122517)   368955.00
 3859965.00   52.03089 (12122517)
        368955.00   3860015.00   48.23292 (12122517)   368955.00
 3860065.00   46.41614 (12122517)
        369005.00   3859915.00   50.40878 (12111418)   369005.00
 3859965.00   45.48757 (12122517)
        369005.00   3860015.00   44.80538 (12122517)   369005.00
 3860065.00   43.90606 (12122517)
        369055.00   3859915.00   52.51362 (12111418)   369055.00
 3859965.00   47.31950 (12111418)
        369055.00   3860015.00   41.14341 (12112418)   369055.00
 3860065.00   40.78484 (12112418)
        369105.00   3859915.00   55.21146 (12010318)   369105.00
 3859965.00   49.45917 (12111418)
        369105.00   3860015.00   42.84481 (12111418)   369105.00

3860065.00 39.13657 (12112418)
369155.00 3859915.00 55.71652 (12010318) 369155.00
3859965.00 51.57929 (12010318)
369155.00 3860015.00 44.95135 (12111418) 369155.00
3860065.00 40.29941 (12111418)
369205.00 3859915.00 53.63949 (12010318) 369205.00
3859965.00 52.65499 (12010318)
369205.00 3860015.00 46.99737 (12010318) 369205.00
3860065.00 42.50161 (12111418)
369255.00 3859915.00 49.64474 (12010318) 369255.00
3859965.00 51.05794 (12010318)
369255.00 3860015.00 49.07286 (12010318) 369255.00
3860065.00 43.47710 (12010318)
369305.00 3859915.00 46.00105 (12010318) 369305.00
3859965.00 47.46837 (12010318)
369305.00 3860015.00 48.76193 (12010318) 369305.00
3860065.00 46.83894 (12010318)
369355.00 3859915.00 46.08616 (12112418) 369355.00
3859965.00 44.09417 (12010318)
369355.00 3860015.00 45.92690 (12010318) 369355.00
3860065.00 46.68959 (12010318)
369405.00 3859915.00 52.49936 (12112418) 369405.00
3859965.00 43.94748 (12112418)
369405.00 3860015.00 43.26817 (12010318) 369405.00
3860065.00 44.48598 (12010318)
369255.00 3859865.00 46.85932 (12010318) 369255.00
3859815.00 51.02231 (12112418)
369255.00 3859765.00 61.04067 (12112418) 369255.00
3859715.00 72.33383 (12112418)
369255.00 3859665.00 81.16194 (12112418) 369255.00
3859615.00 84.82922 (12112418)
369255.00 3859565.00 93.99374 (12121117) 369255.00
3859515.00 107.31779 (12121117)
369255.00 3859465.00 124.42925 (12121117) 369255.00
3859415.00 134.36856 (12121117)
369255.00 3859365.00 121.01531 (12121117) 369255.00
3859315.00 103.94825 (17113017)
369255.00 3859265.00 115.00621 (12110617) 369255.00
3859215.00 117.36232 (12121117)
369255.00 3859165.00 104.40236 (12121117) 369255.00
3859115.00 119.47588 (12110617)
369255.00 3859065.00 139.89818 (12022418) 369255.00
3859015.00 142.84526 (12022418)
369255.00 3858965.00 128.74175 (20101418) 369255.00
3858915.00 144.56528 (12111218)
369255.00 3858865.00 146.82247 (12111218) 369255.00
3858815.00 128.75345 (12111218)
369255.00 3858765.00 106.80127 (12111218) 369255.00
3858715.00 89.31740 (12111218)
369255.00 3858665.00 77.35364 (12111218) 369255.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF DPM IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
369255.00	3858365.00	41.20522	(16020918)	369255.00	3858315.00	38.32910	(16020918)
369255.00	3858265.00	36.75437	(16020918)	369255.00	3858215.00	35.12547	(16020918)
369255.00	3858165.00	33.76835	(16020918)	369255.00	3858115.00	31.60938	(16020918)
369255.00	3858065.00	29.23976	(16020918)	369305.00	3859865.00	48.35095	(12112418)
369305.00	3859815.00	57.47927	(12112418)	369305.00	3859765.00	67.12147	(12112418)
369305.00	3859715.00	74.84308	(12112418)	369305.00	3859665.00	78.47421	(12112418)
369305.00	3859615.00	85.22116	(12121117)	369305.00	3859565.00	95.13263	(12121117)
369305.00	3859515.00	108.76008	(12121117)	369305.00	3859465.00	121.82344	(12121117)
369305.00	3859415.00	121.67867	(12121117)	369305.00	3859365.00	106.18881	(12122917)
369305.00	3859315.00	97.14672	(12121117)	369305.00	3859265.00	104.36203	(12110617)
369305.00	3859215.00	104.88912	(12121117)	369305.00			

3859165.00 93.39952 (12022418)
369305.00 3859115.00 112.28914 (12110617) 369305.00
3859065.00 129.94385 (12022418)
369305.00 3859015.00 134.78431 (12022418) 369305.00
3858965.00 123.03028 (20101418)
369305.00 3858915.00 126.09880 (12111218) 369305.00
3858865.00 136.55435 (12111218)
369305.00 3858815.00 128.77720 (12111218) 369305.00
3858765.00 110.91677 (12111218)
369305.00 3858715.00 93.41068 (12111218) 369305.00
3858665.00 79.83775 (12111218)
369305.00 3858615.00 71.43815 (12111218) 369305.00
3858565.00 66.67834 (12111218)
369305.00 3858515.00 62.92818 (12111218) 369305.00
3858465.00 58.32996 (12111218)
369305.00 3858415.00 51.43665 (12111218) 369305.00
3858365.00 43.13399 (12111218)
369305.00 3858315.00 39.56150 (16020918) 369305.00
3858265.00 37.31243 (16020918)
369305.00 3858215.00 35.30684 (16020918) 369305.00
3858165.00 33.72717 (16020918)
369305.00 3858115.00 32.34103 (16020918) 369305.00
3858065.00 30.34366 (16020918)
369355.00 3859865.00 54.44051 (12112418) 369355.00
3859815.00 62.52691 (12112418)
369355.00 3859765.00 70.69923 (12112418) 369355.00
3859715.00 72.98878 (12112418)
369355.00 3859665.00 78.11112 (12121117) 369355.00
3859615.00 85.85144 (12121117)
369355.00 3859565.00 96.48699 (12121117) 369355.00
3859515.00 109.13561 (12121117)
369355.00 3859465.00 116.05565 (12121117) 369355.00
3859415.00 109.00300 (12121117)
369355.00 3859365.00 95.93554 (12121117) 369355.00
3859315.00 94.19325 (12121117)
369355.00 3859265.00 98.36254 (12121117) 369355.00
3859215.00 96.22049 (12022418)
369355.00 3859165.00 90.54655 (12022418) 369355.00
3859115.00 106.00316 (12110617)
369355.00 3859065.00 121.63058 (12110617) 369355.00
3859015.00 126.20489 (12022418)
369355.00 3858965.00 115.68220 (20101418) 369355.00
3858915.00 106.23981 (12111218)
369355.00 3858865.00 121.68988 (12111218) 369355.00
3858815.00 123.94004 (12111218)
369355.00 3858765.00 113.01047 (12111218) 369355.00
3858715.00 97.20209 (12111218)
369355.00 3858665.00 82.99261 (12111218) 369355.00
3858615.00 72.88972 (12111218)
369355.00 3858565.00 66.15266 (12111218) 369355.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF DPM IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
369355.00	3858065.00	31.05713	(16020918)	369405.00	3859865.00	60.43382	(12112418)
369405.00	3859815.00	66.38174	(12112418)	369405.00	3859765.00	68.69811	(12112418)
369405.00	3859715.00	72.63720	(12111418)	369405.00	3859665.00	78.68082	(12121117)
369405.00	3859615.00	87.54516	(12121117)	369405.00	3859565.00	97.97455	(12121117)
369405.00	3859515.00	107.38827	(12121117)	369405.00	3859465.00	107.73850	(12121117)
369405.00	3859415.00	98.01668	(12121117)	369405.00	3859365.00	89.93885	(12121117)
369405.00	3859315.00	90.83657	(12121117)	369405.00	3859265.00	89.61444	(12121117)
369405.00	3859215.00	90.97416	(12022418)	369405.00	3859165.00	87.79200	(12022418)
369405.00	3859115.00	100.54430	(12110617)	369405.00

3859065.00 114.56893 (12110617)
369405.00 3859015.00 119.87146 (12022418) 369405.00
3858965.00 110.94202 (20101418)
369405.00 3858915.00 99.91452 (20101418) 369405.00
3858865.00 107.34648 (12111218)
369405.00 3858815.00 115.12072 (12111218) 369405.00
3858765.00 111.94290 (12111218)
369405.00 3858715.00 99.70507 (12111218) 369405.00
3858665.00 85.74945 (12111218)
369405.00 3858615.00 74.36329 (12111218) 369405.00
3858565.00 66.89459 (12111218)
369405.00 3858515.00 62.25386 (12111218) 369405.00
3858465.00 58.45361 (12111218)
369405.00 3858415.00 53.89783 (12111218) 369405.00
3858365.00 47.73773 (12111218)
369405.00 3858315.00 43.00178 (16020918) 369405.00
3858265.00 40.10744 (16020918)
369405.00 3858215.00 37.12079 (16020918) 369405.00
3858165.00 34.71169 (16020918)
369405.00 3858115.00 33.16989 (16020918) 369405.00
3858065.00 31.53015 (16020918)
369205.00 3858215.00 34.98740 (16020918) 369205.00
3858165.00 32.85272 (16020918)
369205.00 3858115.00 30.21485 (16020918) 369205.00
3858065.00 29.87042 (12123117)
369155.00 3858215.00 34.28445 (16020918) 369155.00
3858165.00 33.66280 (12123117)
369155.00 3858115.00 33.55696 (12123117) 369155.00
3858065.00 33.56168 (12123117)
369105.00 3858215.00 37.57945 (12123117) 369105.00
3858165.00 37.22612 (12123117)
369105.00 3858115.00 36.57860 (12123117) 369105.00
3858065.00 36.10134 (12123117)
369055.00 3858215.00 40.47376 (12123117) 369055.00
3858165.00 39.48557 (12123117)
369055.00 3858115.00 38.36402 (12123117) 369055.00
3858065.00 37.54475 (12123117)
369005.00 3858215.00 41.81871 (12123117) 369005.00
3858165.00 40.53885 (12123117)
369005.00 3858115.00 39.27490 (12123117) 369005.00
3858065.00 38.41818 (12123117)
368955.00 3858215.00 42.47925 (12123117) 368955.00
3858165.00 41.35175 (12123117)
368955.00 3858115.00 40.22327 (12123117) 368955.00
3858065.00 39.40822 (12123117)
368905.00 3858215.00 45.33199 (12112718) 368905.00
3858165.00 44.14620 (12112718)
368905.00 3858115.00 42.78140 (12112718) 368905.00
3858065.00 41.89111 (12112718)
368855.00 3858215.00 50.15968 (12112718) 368855.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF DPM IN MICROGRAMS/M**3
**

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M)
Y-COORD (M) CONC (YYMMDDHH)
- - - -

3858065.00 42.87066 (12112718)
368505.00 3858215.00 54.95542 (16092418) 368505.00
3858165.00 50.17007 (16092418)
368505.00 3858115.00 45.85581 (16092418) 368505.00
3858065.00 42.15300 (16092418)
368455.00 3858215.00 65.09848 (16092418) 368455.00
3858165.00 59.59392 (16092418)
368455.00 3858115.00 54.41312 (16092418) 368455.00
3858065.00 50.04132 (16092418)
368405.00 3858215.00 73.29618 (16092418) 368405.00
3858165.00 68.08012 (16092418)
368405.00 3858115.00 62.78186 (16092418) 368405.00
3858065.00 57.91050 (16092418)
368355.00 3858215.00 76.67732 (16092418) 368355.00
3858165.00 72.45834 (16092418)
368355.00 3858115.00 68.10737 (16092418) 368355.00
3858065.00 63.98578 (16092418)
368305.00 3858215.00 72.16161 (16092418) 368305.00
3858165.00 70.43982 (16092418)
368305.00 3858115.00 68.57964 (16092418) 368305.00
3858065.00 65.61260 (16092418)
368255.00 3858215.00 61.57955 (16092418) 368255.00
3858165.00 62.18457 (16092418)
368255.00 3858115.00 62.64799 (16092418) 368255.00
3858065.00 61.86846 (16092418)
368205.00 3858215.00 50.24465 (12112318) 368205.00
3858165.00 50.74288 (16092418)
368205.00 3858115.00 52.52410 (16092418) 368205.00
3858065.00 53.90423 (16092418)
368155.00 3858215.00 46.24633 (12112318) 368155.00
3858165.00 46.66285 (12112318)
368155.00 3858115.00 45.93683 (12112318) 368155.00
3858065.00 44.10175 (12112318)
368105.00 3858215.00 41.56600 (12112718) 368105.00
3858165.00 41.36771 (12112318)
368105.00 3858115.00 42.68582 (12112318) 368105.00
3858065.00 42.97970 (12112318)
368055.00 3858215.00 41.03933 (12112718) 368055.00
3858165.00 38.31687 (12112718)
368055.00 3858115.00 36.98784 (12112318) 368055.00
3858065.00 38.58189 (12112318)
368005.00 3858215.00 37.99441 (12112718) 368005.00
3858165.00 35.30431 (12112718)
368005.00 3858115.00 32.92814 (12112718) 368005.00
3858065.00 32.68398 (12112318)
367955.00 3858215.00 35.97598 (16092418) 367955.00
3858165.00 32.77929 (16092418)
367955.00 3858115.00 30.24999 (16092418) 367955.00
3858065.00 28.40296 (16092418)
367905.00 3858215.00 45.62629 (16092418) 367905.00

 3858165.00   41.07309 (16092418)
       367905.00   3858115.00   37.14887 (16092418)   367905.00
 3858065.00   33.83779 (16092418)
       367855.00   3858215.00   54.98733 (16092418)   367855.00
 3858165.00   50.00631 (16092418)
       367855.00   3858115.00   45.20121 (16092418)   367855.00
 3858065.00   41.06893 (16092418)
       367805.00   3858215.00   60.65733 (16092418)   367805.00
 3858165.00   56.15189 (16092418)
       367805.00   3858115.00   51.87299 (16092418)   367805.00
 3858065.00   47.82191 (16092418)
       367755.00   3858215.00   60.27729 (16092418)   367755.00
 3858165.00   57.74413 (16092418)
       367755.00   3858115.00   54.75626 (16092418)   367755.00
 3858065.00   51.47147 (16092418)
       367705.00   3858215.00   53.97948 (16092418)   367705.00
 3858165.00   53.51259 (16092418)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   PAREA3   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF DPM   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       367705.00   3858115.00   52.49217 (16092418)   367705.00
 3858065.00   50.82995 (16092418)
       367655.00   3858215.00   44.66925 (12112318)   367655.00
 3858165.00   45.44405 (16092418)
       367655.00   3858115.00   46.09755 (16092418)   367655.00
 3858065.00   46.09591 (16092418)
       367605.00   3858215.00   43.39445 (12112318)   367605.00
 3858165.00   42.17171 (12112318)
       367605.00   3858115.00   39.98555 (12112318)   367605.00

3858065.00 38.66501 (16092418)
367555.00 3858215.00 37.95604 (12112318) 367555.00
3858165.00 39.00704 (12112318)
367555.00 3858115.00 38.98194 (12112318) 367555.00
3858065.00 37.96610 (12112318)
367505.00 3858215.00 30.73058 (12112318) 367505.00
3858165.00 33.03983 (12112318)
367505.00 3858115.00 34.68721 (12112318) 367505.00
3858065.00 35.46715 (12112318)
367455.00 3858215.00 26.11929 (19012318) 367455.00
3858165.00 26.05017 (12112318)
367455.00 3858115.00 28.51778 (12112318) 367455.00
3858065.00 30.45380 (12112318)
367405.00 3858215.00 23.72467 (19012318) 367405.00
3858165.00 24.26834 (19012318)
367405.00 3858115.00 23.95514 (19012318) 367405.00
3858065.00 24.40081 (12112318)
367555.00 3858265.00 35.96241 (12112318) 367555.00
3858315.00 33.22325 (12112318)
367555.00 3858365.00 30.86374 (19012318) 367555.00
3858415.00 30.40180 (19012318)
367555.00 3858465.00 34.04219 (20122418) 367555.00
3858515.00 37.20867 (20122418)
367555.00 3858565.00 39.13586 (20122418) 367555.00
3858615.00 39.31051 (12101518)
367555.00 3858665.00 46.27793 (16091618) 367555.00
3858715.00 57.25923 (16091618)
367555.00 3858765.00 66.29608 (16091618) 367555.00
3858815.00 78.44478 (16091618)
367555.00 3858865.00 90.67231 (16091618) 367555.00
3858915.00 94.96123 (16091618)
367555.00 3858965.00 92.68292 (16091618) 367555.00
3859015.00 84.59113 (16091618)
367555.00 3859065.00 67.42744 (12093018) 367555.00
3859115.00 74.83097 (12093018)
367555.00 3859165.00 67.59027 (12093018) 367555.00
3859215.00 47.91722 (16011017)
367555.00 3859265.00 35.88326 (16011017) 367555.00
3859315.00 33.61551 (12093018)
367555.00 3859365.00 34.43308 (12093018) 367555.00
3859415.00 29.92252 (16011017)
367555.00 3859465.00 28.94946 (16011017) 367555.00
3859515.00 28.82931 (12101418)
367555.00 3859565.00 24.95397 (12101418) 367555.00
3859615.00 21.59991 (16091718)
367555.00 3859665.00 20.09385 (16091718) 367555.00
3859715.00 16.28644 (16091718)
367555.00 3859765.00 13.95092 (17121517) 367555.00
3859815.00 12.42169 (17121517)
367555.00 3859865.00 12.37752 (16021309) 367555.00

 3859915.00   12.50145 (16021309)
       367555.00   3859965.00   12.47989 (16021309)   367555.00
 3860015.00   12.29849 (16021309)
       367555.00   3860065.00   11.94331 (16021309)   367505.00
 3858265.00   28.05854 (19012318)
       367505.00   3858315.00   28.27560 (19012318)   367505.00
 3858365.00   28.18573 (20122418)
       367505.00   3858415.00   31.78399 (20122418)   367505.00
 3858465.00   34.52107 (20122418)
       367505.00   3858515.00   36.36488 (20122418)   367505.00
 3858565.00   35.64037 (20122418)
       367505.00   3858615.00   39.90085 (12101518)   367505.00
 3858665.00   47.25320 (16091618)
       367505.00   3858715.00   56.37361 (16091618)   367505.00
 3858765.00   64.82417 (16091618)
       367505.00   3858815.00   76.18813 (16091618)   367505.00
 3858865.00   85.79306 (16091618)
       367505.00   3858915.00   87.35478 (16091618)   367505.00
 3858965.00   83.07986 (16091618)
       367505.00   3859015.00   72.19791 (16091618)   367505.00
 3859065.00   60.16135 (12093018)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   PAREA3   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF DPM   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       367505.00   3859115.00   68.15605 (12093018)   367505.00
 3859165.00   63.64636 (12093018)
       367505.00   3859215.00   43.16736 (12093018)   367505.00
 3859265.00   35.24824 (16011017)
       367505.00   3859315.00   31.48393 (12093018)   367505.00

3859365.00 31.23051 (12093018)
367505.00 3859415.00 26.22138 (16102318) 367505.00
3859465.00 26.08702 (17102117)
367505.00 3859515.00 25.32951 (12101418) 367505.00
3859565.00 22.76684 (12101418)
367505.00 3859615.00 19.46641 (16091718) 367505.00
3859665.00 19.07447 (16091718)
367505.00 3859715.00 16.36956 (16091718) 367505.00
3859765.00 12.87122 (16011018)
367505.00 3859815.00 11.98128 (17121517) 367505.00
3859865.00 12.09331 (16021309)
367505.00 3859915.00 12.30902 (16021309) 367505.00
3859965.00 12.39406 (16021309)
367505.00 3860015.00 12.33071 (16021309) 367505.00
3860065.00 12.10396 (16021309)
367455.00 3858265.00 25.91824 (19012318) 367455.00
3858315.00 26.72775 (20122418)
367455.00 3858365.00 29.90189 (20122418) 367455.00
3858415.00 32.30664 (20122418)
367455.00 3858465.00 33.99841 (20122418) 367455.00
3858515.00 33.26665 (20122418)
367455.00 3858565.00 36.20014 (12101518) 367455.00
3858615.00 40.60922 (12101518)
367455.00 3858665.00 47.81240 (16091618) 367455.00
3858715.00 55.16940 (16091618)
367455.00 3858765.00 63.31851 (16091618) 367455.00
3858815.00 73.45867 (16091618)
367455.00 3858865.00 79.70289 (16091618) 367455.00
3858915.00 79.89858 (16091618)
367455.00 3858965.00 74.15733 (16091618) 367455.00
3859015.00 61.80145 (16091618)
367455.00 3859065.00 50.55647 (12093018) 367455.00
3859115.00 65.11064 (12093018)
367455.00 3859165.00 58.47366 (12093018) 367455.00
3859215.00 42.19108 (12093018)
367455.00 3859265.00 32.38850 (16011017) 367455.00
3859315.00 27.35706 (12093018)
367455.00 3859365.00 26.86981 (12093018) 367455.00
3859415.00 23.38273 (16102318)
367455.00 3859465.00 23.64676 (17102117) 367455.00
3859515.00 23.13305 (17102117)
367455.00 3859565.00 20.43065 (12101418) 367455.00
3859615.00 16.64903 (16091718)
367455.00 3859665.00 18.19026 (16091718) 367455.00
3859715.00 15.59243 (16091718)
367455.00 3859765.00 12.20966 (16011018) 367455.00
3859815.00 11.37074 (16021309)
367455.00 3859865.00 11.75890 (16021309) 367455.00
3859915.00 12.05188 (16021309)
367455.00 3859965.00 12.23615 (16021309) 367455.00

3860015.00 12.27784 (16021309)
367455.00 3860065.00 12.17222 (16021309) 367405.00
3858265.00 25.45450 (20122418)
367405.00 3858315.00 28.22484 (20122418) 367405.00
3858365.00 30.26533 (20122418)
367405.00 3858415.00 31.89631 (20122418) 367405.00
3858465.00 31.22011 (20122418)
367405.00 3858515.00 33.16849 (12101518) 367405.00
3858565.00 37.15184 (12101518)
367405.00 3858615.00 41.11156 (12101518) 367405.00
3858665.00 48.17322 (16091618)
367405.00 3858715.00 54.64052 (16091618) 367405.00
3858765.00 62.54854 (16091618)
367405.00 3858815.00 70.20539 (16091618) 367405.00
3858865.00 74.12657 (16091618)
367405.00 3858915.00 72.82207 (16091618) 367405.00
3858965.00 65.26935 (16091618)
367405.00 3859015.00 52.19649 (16091618) 367405.00
3859065.00 44.49102 (12093018)
367405.00 3859115.00 53.80259 (12093018) 367405.00
3859165.00 54.35861 (12093018)
367405.00 3859215.00 40.90154 (12093018) 367405.00
3859265.00 29.65554 (16122917)
367405.00 3859315.00 25.92211 (12093018) 367405.00
3859365.00 24.85129 (12093018)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF DPM IN MICROGRAMS/M**3
**

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M)
Y-COORD (M) CONC (YYMMDDHH)
- - - -

```
3859465.00       21.57261  (17102117)
       367405.00   3859515.00       21.49791  (17102117)                367405.00
3859565.00       18.86318  (17102117)
       367405.00   3859615.00       14.65765  (12101418)                367405.00
3859665.00       14.32846  (16091718)
       367405.00   3859715.00       14.95510  (16091718)                367405.00
3859765.00       12.28838  (16091718)
       367405.00   3859815.00       10.99083  (16021309)                367405.00
3859865.00       11.39693  (16021309)
       367405.00   3859915.00       11.74678  (16021309)                367405.00
3859965.00       12.00226  (16021309)
       367405.00   3860015.00       12.14278  (16021309)                367405.00
3860065.00       12.15974  (16021309)
       367405.00   3860165.00       11.71239  (16021309)                367405.00
3860265.00       10.66069  (16021309)
       367505.00   3860165.00       11.16305  (16021309)                367505.00
3860265.00        9.62954  (16021309)
       367605.00   3860165.00       10.18547  (16021309)                367605.00
3860265.00        8.21132  (16021309)
       367705.00   3860165.00        8.76336  (16021309)                367705.00
3860265.00        7.98615  (16102717)
       367805.00   3860165.00       10.72219  (16102717)                367805.00
3860265.00        9.67248  (16102717)
       367905.00   3860165.00       12.59537  (16102717)                367905.00
3860265.00       10.95888  (16102717)
       368005.00   3860165.00       13.92398  (17102617)                368005.00
3860265.00       10.92628  (17012417)
       368105.00   3860165.00       22.65944  (12111217)                368105.00
3860265.00       17.81622  (12111217)
       368205.00   3860165.00       30.10060  (12111217)                368205.00
3860265.00       23.75778  (12111217)
       368305.00   3860165.00       29.90373  (12111217)                368305.00
3860265.00       20.25518  (16010418)
       368405.00   3860165.00       27.04153  (12122517)                368405.00
3860265.00       24.35742  (12122517)
       368505.00   3860165.00       29.20848  (16012217)                368505.00
3860265.00       27.63276  (16012217)
       368605.00   3860165.00       37.06332  (16012217)                368605.00
3860265.00       34.28404  (16012217)
       368705.00   3860165.00       37.36223  (16022018)                368705.00
3860265.00       33.02772  (16022018)
       368805.00   3860165.00       32.33372  (16022018)                368805.00
3860265.00       29.14467  (16022018)
       368905.00   3860165.00       37.72569  (12122517)                368905.00
3860265.00       29.24833  (12122517)
       369005.00   3860165.00       36.41346  (12122517)                369005.00
3860265.00       34.54161  (12122517)
       369105.00   3860165.00       33.30919  (12112418)                369105.00
3860265.00       31.89978  (12122517)
       369205.00   3860165.00       34.24809  (12112418)                369205.00
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 3860265.00   33.13861 (12112418)
       369305.00   3860165.00   39.07161 (12111418)   369305.00
 3860265.00   33.61047 (12112418)
       369405.00   3860165.00   41.92546 (12010318)   369405.00
 3860265.00   35.53701 (12111418)
       369505.00   3860165.00   42.63299 (12010318)   369505.00
 3860265.00   38.67361 (12010318)
       369605.00   3860165.00   39.34940 (12010318)   369605.00
 3860265.00   41.07590 (12010318)
       369505.00   3860065.00   41.79716 (12112418)   369505.00
 3859965.00   54.76816 (12112418)
       369505.00   3859865.00   61.07703 (12112418)   369505.00
 3859765.00   69.71236 (12010318)
       369505.00   3859665.00   81.35637 (12121117)   369505.00
 3859565.00   97.11739 (12121117)
       369505.00   3859465.00   91.01815 (12121117)   369505.00
 3859365.00   81.77518 (12121117)
       369505.00   3859265.00   76.30923 (12110617)   369505.00
 3859165.00   82.51638 (12110617)
       369505.00   3859065.00   103.63075 (12110617)   369505.00
 3858965.00   100.26630 (20101418)
       369505.00   3858865.00   80.15288 (12111218)   369505.00
 3858765.00   100.92174 (12111218)
       369505.00   3858665.00   90.22536 (12111218)   369505.00
 3858565.00   70.22409 (12111218)
       369505.00   3858465.00   58.33772 (12111218)   369505.00
 3858365.00   50.13841 (12111218)
       369505.00   3858265.00   42.46152 (16020918)   369505.00
 3858165.00   37.18201 (16020918)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   PAREA3   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF DPM   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)

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Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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 3857865.00       42.15845  (16092418)
       368305.00   3857965.00       59.63321  (16092418)              368305.00
 3857865.00       52.90186  (16092418)
       368205.00   3857965.00       54.56054  (16092418)              368205.00
 3857865.00       53.29497  (16092418)
       368105.00   3857965.00       40.60671  (12112318)              368105.00
 3857865.00       41.23631  (16092418)
       368005.00   3857965.00       36.17436  (12112318)              368005.00
 3857865.00       36.85714  (12112318)
       367905.00   3857965.00       29.34431  (16092418)              367905.00
 3857865.00       29.46797  (12112318)
       367805.00   3857965.00       40.38504  (16092418)              367805.00
 3857865.00       34.47614  (16092418)
       367705.00   3857965.00       46.70670  (16092418)              367705.00
 3857865.00       41.96640  (16092418)
       367605.00   3857965.00       39.82406  (16092418)              367605.00
 3857865.00       39.51644  (16092418)
       367505.00   3857965.00       34.43722  (12112318)              367505.00
 3857865.00       30.57345  (12112318)
       367405.00   3857965.00       28.22705  (12112318)              367405.00
 3857865.00       29.75661  (12112318)
       367305.00   3857965.00       20.86348  (19012318)              367305.00
 3857865.00       21.64179  (12112318)
       367205.00   3857965.00       18.32605  (20122418)              367205.00
 3857865.00       18.75182  (19012318)
       367305.00   3858065.00       20.84430  (19012318)              367305.00
 3858165.00       23.28805  (20122418)
       367305.00   3858265.00       26.97339  (20122418)              367305.00
 3858365.00       27.79447  (20122418)
       367305.00   3858465.00       31.27111  (12101518)              367305.00
 3858565.00       38.49365  (12101518)
       367305.00   3858665.00       48.69996  (16091618)              367305.00
 3858765.00       59.65147  (16091618)
 *** AERMOD - VERSION 24142  ***   ***
C:\Users\DWaymire\Documents\AERMOD\Euismod2\Euismod2.isc             ***
06/08/26
 *** AERMET - VERSION  19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
HRA                         ***        18:18:49

                                    PAGE 176
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL
ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     PAREA3      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***
```

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367305.00	3858865.00	62.97348	(16091618)	367305.00	3858965.00	48.81424	(16091618)
367305.00	3859065.00	34.35704	(12093018)	367305.00	3859165.00	44.79136	(12093018)
367305.00	3859265.00	29.00184	(20111617)	367305.00	3859365.00	23.10350	(12093018)
367305.00	3859465.00	17.86153	(17102117)	367305.00	3859565.00	17.61540	(17102117)
367305.00	3859665.00	11.52918	(17101518)	367305.00	3859765.00	11.87757	(16091718)
367305.00	3859865.00	10.69645	(16021309)	367305.00	3859965.00	11.42427	(16021309)
367305.00	3860065.00	11.87529	(16021309)	367305.00	3860165.00	11.87552	(16021309)
367305.00	3860265.00	11.30769	(16021309)	367205.00	3858065.00	21.52376	(20122418)
367205.00	3858165.00	24.33803	(20122418)	367205.00	3858265.00	25.05554	(20122418)
367205.00	3858365.00	26.91916	(12101518)	367205.00	3858465.00	32.53972	(12101518)
367205.00	3858565.00	37.57307	(12101518)	367205.00	3858665.00	48.50536	(16091618)
367205.00	3858765.00	58.79228	(16091618)	367205.00	3858865.00	52.22178	(16091618)
367205.00	3858965.00	36.12584	(12120918)	367205.00	3859065.00	32.78452	(12111409)
367205.00	3859165.00	34.12829	(12093018)	367205.00	3859265.00	26.28183	(20111617)
367205.00	3859365.00	18.98635	(12093018)	367205.00	3859465.00	17.06536	(16110718)
367205.00	3859565.00	16.13159	(17102117)	367205.00	3859665.00	11.60091	(17101518)
367205.00	3859765.00	9.32249	(16021309)	367205.00	3859865.00	10.08069	(16021309)
367205.00	3859965.00	10.79245	(16021309)	367205.00	3860065.00	11.41109	(16021309)
367205.00	3860165.00	11.72862	(16021309)	367205.00	3860265.00	11.57825	(16021309)
367205.00	3860515.00	8.97756	(16021309)	367205.00	3860765.00	4.86800	(16021309)
367446.66	3860515.00	5.70360	(16021309)	367446.66	3860765.00	4.76420	(16011209)
367688.34	3860515.00	6.23528	(16102717)	367688.34			

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 3860765.00         6.48591  (16011209)
       367930.00   3860515.00         7.49538  (16011209)                367930.00
 3860765.00         7.22000  (16011209)
       368171.66   3860515.00        10.66316  (12013017)                368171.66
 3860765.00         8.46153  (12013017)
       368413.34   3860515.00        18.45963  (19022418)                368413.34
 3860765.00        13.27318  (19022418)
       368655.00   3860515.00        22.35593  (16012217)                368655.00
 3860765.00        16.11670  (19102817)
       368896.66   3860515.00        20.94428  (16011417)                368896.66
 3860765.00        15.20123  (16011417)
       369138.34   3860515.00        25.26160  (12122517)                369138.34
 3860765.00        20.96976  (12122517)
       369380.00   3860515.00        25.40467  (12112418)                369380.00
 3860765.00        17.83332  (16010417)
       369621.66   3860515.00        27.28346  (12111418)                369621.66
 3860765.00        21.86128  (12112418)
       369863.34   3860515.00        36.42314  (12010318)                369863.34
 3860765.00        24.89504  (12112418)
       370105.00   3860515.00        38.95240  (12112418)                370105.00
 3860765.00        29.98503  (12111418)
       369855.00   3860265.00        45.16069  (12112418)                369855.00
 3860023.25        54.23472  (12010318)
       369855.00   3859781.75        71.44761  (12121117)                369855.00
 3859540.00        65.46447  (12122917)
       369855.00   3859298.25        57.73115  (17113017)                369855.00
 3859056.75        76.81614  (12110617)
       369855.00   3858815.00        62.96114  (20101418)                369855.00
 3858573.25        71.17959  (12111218)
       369855.00   3858331.75        52.69274  (12111218)                369855.00
 3858090.00        33.03212  (16011118)
       369855.00   3857848.25        30.91224  (16020918)                369855.00
 3857606.75        24.53711  (16020918)
       369855.00   3857365.00        18.76332  (16020918)                370105.00
 3860265.00        46.12525  (12010318)
       370105.00   3860023.25        50.67290  (12121117)                370105.00
 3859781.75        64.13931  (12121117)
 *** AERMOD - VERSION 24142  ***   ***
C:\Users\DWaymire\Documents\AERMOD\Euismod2\Euismod2.isc             ***
06/08/26
 *** AERMET - VERSION  19191 ***   *** Euismod2: Phase1, Phase2, Combined Phases
HRA                         ***        18:18:49

                                  PAGE 177
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL
ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     PAREA3      ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370105.00	3859540.00	51.55854	(12122917)	370105.00	3859298.25	51.35175	(17113017)
370105.00	3859056.75	65.43640	(12110617)	370105.00	3858815.00	59.50120	(20101418)
370105.00	3858573.25	47.96671	(12111218)	370105.00	3858331.75	55.89127	(12111218)
370105.00	3858090.00	38.48799	(12111218)	370105.00	3857848.25	26.40849	(16011118)
370105.00	3857606.75	26.70159	(16020918)	370105.00	3857365.00	22.26649	(16020918)
369605.00	3857615.00	20.54197	(16020918)	369605.00	3857365.00	15.79211	(19013118)
369363.34	3857615.00	22.25949	(12123117)	369363.34	3857365.00	23.55179	(12123117)
369121.66	3857615.00	30.15421	(12123117)	369121.66	3857365.00	25.81626	(12123117)
368880.00	3857615.00	34.38509	(12112718)	368880.00	3857365.00	30.30313	(12112718)
368638.34	3857615.00	34.56659	(12112718)	368638.34	3857365.00	29.69112	(12112718)
368396.66	3857615.00	29.34416	(16092418)	368396.66	3857365.00	23.14532	(12112718)
368155.00	3857615.00	45.22641	(16092418)	368155.00	3857365.00	37.48602	(16092418)
367913.34	3857615.00	31.25383	(12112318)	367913.34	3857365.00	30.09435	(16092418)
367671.66	3857615.00	32.69740	(16092418)	367671.66	3857365.00	26.03108	(16092418)
367430.00	3857615.00	24.83236	(16092418)	367430.00	3857365.00	26.55058	(16092418)
367188.34	3857615.00	19.37351	(12112318)	367188.34	3857365.00	21.58341	(12112318)
366946.66	3857615.00	15.39134	(20122418)	366946.66	3857365.00	14.44090	(20122418)
366705.00	3857615.00	16.27425	(20122418)	366705.00	3857365.00	14.07190	(20122418)
366955.00	3857865.00	19.04781	(20122418)	366955.00	3858106.75	21.62271	(16010109)
366955.00	3858348.25	28.03257	(12101518)	366955.00			

3858590.00   36.60867 (16091618)
       366955.00   3858831.75   43.01066 (16091618)   366955.00
3859073.25   29.92257 (12111409)
       366955.00   3859315.00   14.70495 (20111617)   366955.00
3859556.75   10.22476 (17102117)
       366955.00   3859798.25   7.00484 (16021309)   366955.00
3860040.00   9.66094 (16021309)
       366955.00   3860281.75   11.13864 (16021309)   366955.00
3860523.25   5.37311 (16021309)
       366955.00   3860765.00   3.99393 (16021309)   366705.00
3857865.00   20.27187 (16010109)
       366705.00   3858106.75   22.40371 (16010109)   366705.00
3858348.25   27.26025 (19110718)
       366705.00   3858590.00   32.72850 (16091618)   366705.00
3858831.75   22.69553 (12111409)
       366705.00   3859073.25   27.54380 (12111409)   366705.00
3859315.00   12.68684 (16040118)
       366705.00   3859556.75   6.18093 (12102617)   366705.00
3859798.25   5.66830 (20112717)
       366705.00   3860040.00   3.64291 (16021309)   366705.00
3860281.75   4.89484 (16021309)
       366705.00   3860523.25   5.45357 (16021309)   366705.00
3860765.00   5.01556 (16021309)
       366705.00   3861165.00   3.32570 (17010310)   366705.00
3861565.00   3.74429 (17010310)
       367171.66   3861165.00   4.02338 (17010310)   367171.66
3861565.00   3.16573 (19121109)
       367638.34   3861165.00   7.07706 (16011209)   367638.34
3861565.00   5.35976 (16011209)
       368105.00   3861165.00   7.07791 (12122909)   368105.00
3861565.00   8.21944 (12122909)
       368571.66   3861165.00   8.61668 (19102817)   368571.66
3861565.00   7.08924 (19102817)
       369038.34   3861165.00   12.11550 (16102117)   369038.34
3861565.00   7.29068 (16102117)
       369505.00   3861165.00   14.31248 (16010417)   369505.00
3861565.00   10.52769 (12122517)
       369971.66   3861165.00   18.18439 (16021218)   369971.66
3861565.00   10.43836 (20012218)
       370438.34   3861165.00   23.28608 (12111418)   370438.34
3861565.00   15.20041 (12112418)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370905.00	3861165.00	25.75386	(12010318)	370905.00	3861565.00	18.19885	(12111418)
370505.00	3860765.00	31.96246	(12111418)	370505.00	3860298.25	31.71882	(12121117)
370505.00	3859831.75	48.00939	(12122917)	370505.00	3859365.00	42.00542	(17113017)
370505.00	3858898.25	50.46399	(12022418)	370505.00	3858431.75	31.58029	(12111218)
370505.00	3857965.00	37.61223	(12111218)	370505.00	3857498.25	18.65791	(16011118)
370505.00	3857031.75	20.25051	(16020918)	370505.00	3856565.00	16.21043	(12122009)
370905.00	3860765.00	29.66330	(12010318)	370905.00	3860298.25	41.35804	(12121117)
370905.00	3859831.75	37.38097	(12122917)	370905.00	3859365.00	35.62111	(17113017)
370905.00	3858898.25	43.23831	(12022418)	370905.00	3858431.75	24.26147	(16021118)
370905.00	3857965.00	38.05312	(12111218)	370905.00	3857498.25	18.83148	(12111218)
370905.00	3857031.75	16.68471	(16011118)	370905.00	3856565.00	17.23842	(12122009)
370105.00	3856965.00	15.71034	(12122009)	370105.00	3856565.00	11.87274	(19013118)
369638.34	3856965.00	13.68121	(12123117)	369638.34	3856565.00	16.81400	(12123117)
369171.66	3856965.00	19.18705	(12123117)	369171.66	3856565.00	14.87892	(12112718)
368705.00	3856965.00	25.36661	(12112718)	368705.00	3856565.00	21.59918	(12112718)
368238.34	3856965.00	19.01471	(16092418)	368238.34	3856565.00	14.50387	(12112718)
367771.66	3856965.00	25.90893	(16092418)	367771.66	3856565.00	25.58618	(16092418)
367305.00	3856965.00	21.49771	(16092418)	367305.00			

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
369068.00	3859237.00	149.45904	(12022418)	368880.00	3859242.00	199.94996	(12121117)
368875.00	3859143.00	206.39793	(12111218)	369080.00	3859137.00	185.38686	(12121117)
369070.00	3858940.00	209.59695	(12111218)	368862.00	3858948.00	199.40783	(12111218)
368655.00	3858749.00	154.14477	(12112718)	368452.00	3858752.00	165.71062	(16092418)
368460.19	3859253.33	193.17730	(16011717)	368450.38	3859253.67	180.67410	(16011717)
368440.57	3859254.00	169.42350	(16011717)	368430.76	3859254.33	159.45424	(16011717)
368420.95	3859254.67	150.46691	(16011717)	368411.14	3859255.00	144.15942	(16011017)
368401.33	3859255.33	140.88517	(16011017)	368391.52	3859255.67	137.70104	(16011017)
368381.71	3859256.00	134.69064	(16011017)	368371.90	3859256.33	132.00832	(16011017)
368362.10	3859256.67	130.58082	(12121117)	368352.29	3859257.00	133.66742	(12121117)
368342.48	3859257.33	136.77703	(12121117)	368332.67	3859257.67	139.95625	(12121117)
368322.86	3859258.00	143.24755	(12121117)	368313.05	3859258.33	146.66902	(12121117)
368303.24	3859258.67	150.22820	(12121117)	368293.43	3859259.00	153.93837	(12121117)
368283.62	3859259.33	157.65116	(12121117)	368273.81	3859259.67	161.27673	(12121117)
368263.71	3859250.26	169.89604	(12121117)	368263.42	3859240.52	173.85666	(12121117)
368263.13	3859230.77	176.77616	(12121117)	368262.84			

3859221.03 178.82222 (12121117)
368262.55 3859211.29 180.22489 (12121117) 368262.26
3859201.55 181.08858 (12121117)
368261.97 3859191.81 181.19259 (12121117) 368261.68
3859182.06 180.72285 (12121117)
368261.39 3859172.32 179.82580 (12121117) 368261.10
3859162.58 177.09498 (12121117)
368260.81 3859152.84 173.90745 (12121117) 368260.52
3859143.10 172.42604 (12121117)
368260.23 3859133.35 170.92315 (12121117) 368259.94
3859123.61 168.71603 (12121117)
368259.65 3859113.87 164.32545 (12121117) 368259.35
3859104.13 159.55028 (12121117)
368259.06 3859094.39 154.33885 (12121117) 368258.77
3859084.65 148.77362 (12121117)
368258.48 3859074.90 142.58100 (12121117) 368258.19
3859065.16 135.90195 (12121117)
368257.90 3859055.42 134.22070 (12022418) 368257.61
3859045.68 134.87905 (12111218)
368257.32 3859035.94 140.57571 (12111218) 368257.03
3859026.19 144.61751 (12111218)
368256.74 3859016.45 148.80608 (12111218) 368256.45
3859006.71 152.95370 (12111218)
368256.16 3858996.97 158.20161 (12111218) 368255.87
3858987.23 163.27632 (12111218)
368255.58 3858977.48 167.91444 (12111218) 368255.29
3858967.74 169.45498 (12111218)
368245.43 3858958.14 163.95459 (12111218) 368235.86
3858958.29 164.01278 (12111218)
368226.29 3858958.43 163.86674 (12111218) 368216.71
3858958.57 162.96987 (12111218)
368207.14 3858958.71 161.98752 (12111218) 368197.57
3858958.86 161.04987 (12111218)
368188.00 3858959.00 160.70775 (12111218) 368178.43
3858959.14 160.17213 (12111218)
368168.86 3858959.29 159.62259 (12111218) 368159.29
3858959.43 158.22680 (12111218)
368149.71 3858959.57 156.66700 (12111218) 368140.14
3858959.71 160.99952 (16092418)
368130.57 3858959.86 165.51182 (16092418) 368121.00
3858960.00 169.34996 (16092418)
368111.43 3858960.14 172.56351 (16092418) 368101.86
3858960.29 175.17175 (16092418)
368092.29 3858960.43 177.27438 (16092418) 368082.71
3858960.57 178.88180 (16092418)
368073.14 3858960.71 179.96631 (16092418) 368063.57
3858960.86 180.48049 (16092418)
368053.71 3858951.43 173.66693 (16092418) 368053.43
3858941.86 167.37888 (16092418)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368053.14	3858932.29	161.61375	(16092418)	368052.86	3858922.71	156.22288	(16092418)
368052.57	3858913.14	150.89110	(16092418)	368052.29	3858903.57	145.21181	(16092418)
368052.00	3858894.00	140.01940	(16092418)	368051.71	3858884.43	135.32638	(16092418)
368051.43	3858874.86	131.71994	(16092418)	368051.14	3858865.29	128.29363	(16092418)
368050.86	3858855.71	125.01988	(16092418)	368050.57	3858846.14	121.89748	(16092418)
368050.29	3858836.57	118.88856	(16092418)	368050.00	3858827.00	116.00316	(16092418)
368049.71	3858817.43	113.20961	(16092418)	368049.43	3858807.86	113.32101	(12112718)
368049.14	3858798.29	114.08055	(12112718)	368048.86	3858788.71	114.12843	(12112718)
368048.57	3858779.14	113.98468	(12112718)	368048.29	3858769.57	113.81430	(12112718)
368038.57	3858760.00	128.10298	(12112718)	368029.14	3858760.00	142.36563	(12112718)
368019.71	3858760.00	152.42055	(12112718)	368010.29	3858760.00	157.34448	(12112718)
368000.86	3858760.00	166.80672	(16092418)	367991.43	3858760.00	176.97969	(16092418)
367982.00	3858760.00	185.29500	(16092418)	367972.57	3858760.00	189.90681	(16092418)
367963.14	3858760.00	188.71524	(16092418)	367953.71			

3858760.00 182.93295 (16092418)
367944.29 3858760.00 175.21239 (16092418) 367934.86
3858760.00 167.00152 (16092418)
367925.43 3858760.00 158.68977 (16092418) 367910.92
3858768.00 147.73770 (16092418)
367905.85 3858776.00 144.98114 (16092418) 367900.77
3858784.00 142.01490 (16092418)
367895.69 3858792.00 139.13766 (16092418) 367890.62
3858800.00 136.12249 (16092418)
367885.54 3858808.00 132.42775 (16092418) 367880.46
3858816.00 128.66013 (16092418)
367875.38 3858824.00 124.94402 (16092418) 367870.31
3858832.00 121.25940 (16092418)
367865.23 3858840.00 117.49301 (16092418) 367860.15
3858848.00 113.69627 (16092418)
367855.08 3858856.00 109.88567 (16092418) 367850.18
3858873.18 118.29380 (16091618)
367850.36 3858882.36 124.65392 (16091618) 367850.55
3858891.55 131.23034 (16091618)
367850.73 3858900.73 137.84594 (16091618) 367850.91
3858909.91 144.38477 (16091618)
367851.09 3858919.09 150.84105 (16091618) 367851.27
3858928.27 157.32016 (16091618)
367851.45 3858937.45 163.13170 (16091618) 367851.64
3858946.64 168.15299 (16091618)
367851.82 3858955.82 172.04729 (16091618) 367842.91
3858965.27 171.34673 (16091618)
367833.82 3858965.55 167.43737 (16091618) 367824.73
3858965.82 163.61392 (16091618)
367815.64 3858966.09 159.99829 (16091618) 367806.55
3858966.36 156.47082 (16091618)
367797.45 3858966.64 152.95576 (16091618) 367788.36
3858966.91 149.65049 (16091618)
367779.27 3858967.18 141.89958 (16091618) 367770.18
3858967.45 138.60072 (16091618)
367761.09 3858967.73 135.50935 (16091618) 367752.24
3858977.67 132.50083 (16091618)
367752.48 3858987.33 133.59368 (16091618) 367752.71
3858997.00 134.57556 (16091618)
367752.95 3859006.67 135.21996 (16091618) 367753.19
3859016.33 134.01869 (16091618)
367753.43 3859026.00 132.43746 (16091618) 367753.67
3859035.67 130.56170 (16091618)
367753.90 3859045.33 128.29212 (16091618) 367754.14
3859055.00 125.48682 (16091618)
367754.38 3859064.67 122.16743 (16091618) 367754.62
3859074.33 119.77011 (16091618)
367754.86 3859084.00 116.72154 (16091618) 367755.10
3859093.67 118.39920 (12093018)
367755.33 3859103.33 119.51539 (12093018) 367755.57

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF DPM IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
367756.29	3859142.00	115.46532	(12093018)	367756.52	3859151.67	112.15640	(12093018)
367756.76	3859161.33	103.56216	(12093018)	367766.77	3859170.81	94.82059	(16011017)
367776.55	3859170.61	95.16626	(16011017)	367786.32	3859170.42	96.30792	(16011017)
367796.10	3859170.23	97.71765	(16011017)	367805.87	3859170.03	102.06076	(12111217)
367815.65	3859169.84	105.52653	(12111217)	367825.42	3859169.65	108.24936	(12111217)
367835.19	3859169.45	110.23068	(12111217)	367844.97	3859169.26	112.82259	(12111217)
367854.74	3859169.06	115.70446	(12111217)	367864.52	3859168.87	118.31438	(12111217)
367874.29	3859168.68	119.71794	(12111217)	367884.06	3859168.48	119.72521	(12111217)
367893.84	3859168.29	119.66626	(12111217)	367903.61	3859168.10	118.83471	(12111217)
367913.39	3859167.90	118.59206	(16011717)	367923.16	3859167.71	120.75283	(16011717)
367932.94	3859167.52	123.82516	(16011717)	367942.71	3859167.32	128.09533	(16011717)
367952.48	3859167.13	132.39945	(16011717)	367962.26			

3859166.94 147.61151 (16011717)
367972.03 3859166.74 150.26503 (16011717) 367981.81
3859166.55 152.78662 (16011717)
367991.58 3859166.35 154.59080 (16011717) 368001.35
3859166.16 154.29943 (16011717)
368011.13 3859165.97 153.90415 (16011717) 368020.90
3859165.77 153.84459 (16011717)
368030.68 3859165.58 155.49078 (16011717) 368040.45
3859165.39 156.77693 (16011717)
368050.23 3859165.19 157.40409 (16011717) 368060.24
3859174.62 149.31692 (16011717)
368060.48 3859184.24 147.23372 (16011717) 368060.71
3859193.86 147.68761 (16011717)
368060.95 3859203.48 148.89511 (16011717) 368061.19
3859213.10 150.16893 (16011717)
368061.43 3859222.71 151.69364 (16011717) 368061.67
3859232.33 153.24028 (16011717)
368061.90 3859241.95 154.53742 (16011717) 368062.14
3859251.57 155.02075 (16011717)
368062.38 3859261.19 143.85113 (16011717) 368062.62
3859270.81 142.10150 (16011717)
368062.86 3859280.43 141.01504 (16011717) 368063.10
3859290.05 140.87365 (16011717)
368063.33 3859299.67 140.80910 (16011717) 368063.57
3859309.29 141.48330 (16011717)
368063.81 3859318.90 143.54781 (16011717) 368064.05
3859328.52 145.44575 (16011717)
368064.29 3859338.14 147.68491 (16011017) 368064.52
3859347.76 149.15647 (16011017)
368064.76 3859357.38 144.69196 (16011017) 368074.88
3859366.68 140.11032 (16011717)
368084.76 3859366.37 141.36877 (16011717) 368094.63
3859366.05 143.34084 (16011017)
368104.51 3859365.73 145.60816 (16011017) 368114.39
3859365.41 146.66209 (16011017)
368124.27 3859365.10 146.72456 (16011017) 368134.15
3859364.78 146.81713 (16011017)
368144.02 3859364.46 147.81645 (16011017) 368153.90
3859364.15 149.77331 (16011017)
368163.78 3859363.83 154.50411 (16011017) 368173.66
3859363.51 155.62849 (16011017)
368183.54 3859363.20 156.54401 (16011017) 368193.41
3859362.88 157.31416 (16011017)
368203.29 3859362.56 157.54875 (16011017) 368213.17
3859362.24 157.08720 (16011017)
368223.05 3859361.93 156.51847 (16011017) 368232.93
3859361.61 155.94594 (16011017)
368242.80 3859361.29 155.51180 (16011717) 368252.68
3859360.98 158.68746 (16011717)
368262.56 3859360.66 162.02191 (16011717) 368272.44

 3859360.34   165.33511 (16011717)
       368282.32   3859360.02   168.84408 (16011717)   368292.20
 3859359.71   172.95227 (16011717)
       368302.07   3859359.39   178.12155 (16011717)   368311.95
 3859359.07   183.43694 (16011717)
       368321.83   3859358.76   188.65911 (16011717)   368331.71
 3859358.44   193.38065 (16011717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   PAREA3   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF DPM   IN MICROGRAMS/M**3
                    **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       368341.59   3859358.12   198.33418 (16011717)   368351.46
 3859357.80   203.27410 (16011717)
       368361.34   3859357.49   207.45958 (16011717)   368371.22
 3859357.17   211.58886 (16011717)
       368381.10   3859356.85   215.63516 (16011717)   368390.98
 3859356.54   219.92459 (16011717)
       368400.85   3859356.22   223.60670 (16011717)   368410.73
 3859355.90   226.60397 (16011717)
       368420.61   3859355.59   229.29220 (16011717)   368430.49
 3859355.27   231.05471 (16011717)
       368440.37   3859354.95   231.84440 (16011717)   368450.24
 3859354.63   230.67744 (16011717)
       368460.12   3859354.32   229.13281 (16011717)   368479.64
 3859353.73   228.89419 (16011717)
       368489.27   3859353.45   229.96653 (16011717)   368498.91
 3859353.18   230.94555 (16011717)
       368508.55   3859352.91   230.63984 (16011717)   368518.18
 3859352.64   230.23736 (16011717)
       368527.82   3859352.36   229.81385 (16011717)   368537.45

3859352.09 229.36878 (16011717)
368547.09 3859351.82 228.97588 (16011717) 368556.73
3859351.55 228.85369 (16011717)
368566.36 3859351.27 228.89821 (16011717) 368576.29
3859360.52 230.60143 (16011717)
368576.57 3859370.05 230.72099 (16011717) 368576.86
3859379.57 231.06641 (16011717)
368577.14 3859389.10 231.01638 (16011717) 368577.43
3859398.62 230.06253 (16011717)
368577.71 3859408.14 227.81690 (16011717) 368578.00
3859417.67 215.01822 (16011717)
368578.29 3859427.19 210.37490 (16011717) 368578.57
3859436.71 205.69818 (16011717)
368578.86 3859446.24 200.21138 (16011717) 368579.14
3859455.76 194.20283 (16011717)
368579.43 3859465.29 188.25149 (12111217) 368579.71
3859474.81 184.46557 (12111217)
368580.00 3859484.33 180.41423 (12111217) 368580.29
3859493.86 179.14371 (12111217)
368580.57 3859503.38 178.14075 (12111217) 368580.86
3859512.90 176.84772 (12111217)
368581.14 3859522.43 175.29125 (12111217) 368581.43
3859531.95 173.53257 (12111217)
368581.71 3859541.48 171.58709 (12111217) 368591.45
3859550.64 163.46351 (12111217)
368600.91 3859550.27 152.56049 (12111217) 368610.36
3859549.91 140.75877 (12111217)
368619.82 3859549.55 138.46912 (16022018) 368629.27
3859549.18 143.66214 (16022018)
368638.73 3859548.82 146.23900 (16022018) 368648.18
3859548.45 147.03353 (16022018)
368657.64 3859548.09 145.89456 (16022018) 368667.09
3859547.73 139.85952 (16022018)
368676.55 3859547.36 123.83309 (12122517) 368685.60
3859537.05 121.36237 (12122517)
368685.20 3859527.10 123.92933 (12122517) 368684.80
3859517.15 126.43158 (12122517)
368684.40 3859507.20 126.67870 (12122517) 368684.00
3859497.25 126.48605 (12122517)
368683.60 3859487.30 126.25971 (12122517) 368683.20
3859477.35 128.23654 (12122517)
368682.80 3859467.40 130.58871 (12122517) 368682.40
3859457.45 136.70284 (12121117)
368682.00 3859447.50 142.39149 (12121117) 368681.60
3859437.55 147.28295 (12121117)
368681.20 3859427.60 151.81936 (12121117) 368680.80
3859417.65 158.25461 (12121117)
368680.40 3859407.70 171.06785 (12121117) 368680.00
3859397.75 177.15170 (12121117)
368679.60 3859387.80 181.02774 (12121117) 368679.20

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF DPM IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
368766.65	3859345.08	185.29031	(12121117)	368776.50	3859344.75	187.44326	(12121117)
368786.35	3859344.42	189.73281	(12121117)	368796.20	3859344.10	191.93199	(12121117)
368806.05	3859343.77	193.53757	(12121117)	368815.90	3859343.45	194.77991	(12121117)
368825.75	3859343.13	195.99875	(12121117)	368835.60	3859342.80	197.23785	(12121117)
368845.45	3859342.48	198.39633	(12121117)	368855.30	3859342.15	199.54432	(12121117)
368865.15	3859341.83	200.02606	(12121117)	368875.00	3859341.50	200.00243	(12121117)
368884.85	3859341.17	199.87423	(12121117)	368894.70	3859340.85	200.29642	(12121117)
368904.55	3859340.52	201.28619	(12121117)	368914.40			

3859340.20 202.23396 (12121117)
368924.25 3859339.88 203.18423 (12121117) 368934.10
3859339.55 204.11544 (12121117)
368943.95 3859339.23 205.02627 (12121117) 368953.80
3859338.90 205.91677 (12121117)
368963.65 3859338.58 206.83254 (12121117) 368973.50
3859338.25 207.61428 (12121117)
368983.35 3859337.92 208.27999 (12121117) 368993.20
3859337.60 208.77983 (12121117)
369003.05 3859337.27 209.10636 (12121117) 369012.90
3859336.95 209.20372 (12121117)
369022.75 3859336.63 209.07529 (12121117) 369032.60
3859336.30 208.72301 (12121117)
369042.45 3859335.98 208.13752 (12121117) 369052.30
3859335.65 207.35180 (12121117)
369062.15 3859335.33 206.40360 (12121117) 369071.60
3859325.20 211.05327 (12121117)
369071.20 3859315.40 207.24770 (12121117) 369070.80
3859305.60 199.26052 (12121117)
369070.40 3859295.80 189.55455 (12121117) 369070.00
3859286.00 179.03759 (12110617)
369069.60 3859276.20 184.79349 (12110617) 369069.20
3859266.40 186.24969 (12022418)
369068.80 3859256.60 185.60110 (12022418) 369068.40
3859246.80 174.13140 (12022418)
369058.11 3859237.26 149.99119 (12022418) 369048.21
3859237.53 150.40360 (12022418)
369038.32 3859237.79 150.86794 (12022418) 369028.42
3859238.05 151.38161 (12022418)
369018.53 3859238.32 151.98795 (12022418) 369008.63
3859238.58 152.64327 (12022418)
368998.74 3859238.84 153.39203 (12022418) 368988.84
3859239.11 154.24786 (12022418)
368978.95 3859239.37 155.20696 (12022418) 368969.05
3859239.63 156.29448 (12022418)
368959.16 3859239.89 157.53919 (12022418) 368949.26
3859240.16 158.96531 (12022418)
368939.37 3859240.42 161.11973 (12121117) 368929.47
3859240.68 166.47349 (12121117)
368919.58 3859240.95 172.22973 (12121117) 368909.68
3859241.21 178.43519 (12121117)
368899.79 3859241.47 185.10619 (12121117) 368889.89
3859241.74 192.28015 (12121117)
368879.50 3859232.10 198.54446 (12121117) 368879.00
3859222.20 197.06184 (12121117)
368878.50 3859212.30 195.43609 (12121117) 368878.00
3859202.40 193.68645 (12121117)
368877.50 3859192.50 192.06846 (12121117) 368877.00
3859182.60 190.78531 (12111218)
368876.50 3859172.70 195.84698 (12111218) 368876.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF DPM IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
369011.67	3859139.00	185.75982	(12121117)	369021.43	3859138.71	186.58246	(12121117)
369031.19	3859138.43	187.28236	(12121117)	369040.95	3859138.14	187.87821	(12121117)
369050.71	3859137.86	188.35580	(12121117)	369060.48	3859137.57	188.73671	(12121117)
369070.24	3859137.29	188.32778	(12121117)	369079.50	3859127.15	185.19989	(12121117)
369079.00	3859117.30	179.00727	(12121117)	369078.50	3859107.45	177.50541	(12110617)
369078.00	3859097.60	182.12422	(12110617)	369077.50			

3859087.75 185.83528 (12022418)
369077.00 3859077.90 188.62384 (12022418) 369076.50
3859068.05 190.43488 (12022418)
369076.00 3859058.20 190.25366 (12022418) 369075.50
3859048.35 196.17042 (12111218)
369075.00 3859038.50 203.61005 (12111218) 369074.50
3859028.65 211.00129 (12111218)
369074.00 3859018.80 217.65256 (12111218) 369073.50
3859008.95 223.18226 (12111218)
369073.00 3858999.10 227.54353 (12111218) 369072.50
3858989.25 231.10900 (12111218)
369072.00 3858979.40 233.97259 (12111218) 369071.50
3858969.55 234.88878 (12111218)
369071.00 3858959.70 231.81534 (12111218) 369070.50
3858949.85 222.00336 (12111218)
369060.10 3858940.38 208.92829 (12111218) 369050.19
3858940.76 207.89233 (12111218)
369040.29 3858941.14 206.78169 (12111218) 369030.38
3858941.52 205.61759 (12111218)
369020.48 3858941.90 204.40766 (12111218) 369010.57
3858942.29 203.16858 (12111218)
369000.67 3858942.67 201.89438 (12111218) 368990.76
3858943.05 200.60248 (12111218)
368980.86 3858943.43 199.31186 (12111218) 368970.95
3858943.81 198.03607 (12111218)
368961.05 3858944.19 196.80222 (12111218) 368951.14
3858944.57 195.65468 (12111218)
368941.24 3858944.95 194.64376 (12111218) 368931.33
3858945.33 193.83525 (12111218)
368921.43 3858945.71 193.35398 (12111218) 368911.52
3858946.10 193.39841 (12111218)
368901.62 3858946.48 194.06849 (12111218) 368891.71
3858946.86 195.53680 (12111218)
368881.81 3858947.24 197.46807 (12111218) 368871.90
3858947.62 199.13082 (12111218)
368854.86 3858941.14 184.66553 (12111218) 368847.72
3858934.28 171.59344 (12111218)
368840.59 3858927.41 159.95356 (12111218) 368833.45
3858920.55 149.54670 (12111218)
368826.31 3858913.69 140.18150 (12112718) 368819.17
3858906.83 137.65412 (12112718)
368812.03 3858899.97 135.22270 (12112718) 368804.90
3858893.10 132.88282 (12112718)
368797.76 3858886.24 130.67454 (12112718) 368790.62
3858879.38 129.19101 (12112718)
368783.48 3858872.52 127.80657 (12112718) 368776.34
3858865.66 126.44927 (12112718)
368769.21 3858858.79 125.10805 (12112718) 368762.07
3858851.93 123.41178 (12112718)
368754.93 3858845.07 122.11759 (12111218) 368747.79

3858838.21   124.45096 (12111218)
       368740.66   3858831.34   126.97693 (12111218)   368733.52
3858824.48   129.74236 (12111218)
       368726.38   3858817.62   133.15119 (12111218)   368719.24
3858810.76   136.68676 (12111218)
       368712.10   3858803.90   140.33108 (12111218)   368704.97
3858797.03   144.06628 (12111218)
       368697.83   3858790.17   147.40051 (12111218)   368690.69
3858783.31   150.73150 (12111218)
       368683.55   3858776.45   154.11256 (12111218)   368676.41
3858769.59   157.09877 (12111218)
       368669.28   3858762.72   157.30563 (12111218)   368662.14
3858755.86   148.41254 (12111218)
       368645.33   3858749.14   167.53277 (12112718)   368635.67
3858749.29   175.81699 (12112718)
       368626.00   3858749.43   179.72809 (12112718)   368616.33
3858749.57   181.10691 (12112718)
       368606.67   3858749.71   180.95371 (12112718)   368597.00
3858749.86   179.77773 (12112718)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   PAREA3   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF DPM   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       368587.33   3858750.00   182.63067 (16092418)   368577.67
3858750.14   187.19565 (16092418)
       368568.00   3858750.29   190.71476 (16092418)   368558.33
3858750.43   193.39348 (16092418)
       368548.67   3858750.57   195.43057 (16092418)   368539.00
3858750.71   197.06718 (16092418)
       368529.33   3858750.86   198.37577 (16092418)   368519.67

3858751.00 199.48584 (16092418)
368510.00 3858751.14 200.37039 (16092418) 368500.33
3858751.29 201.06120 (16092418)
368490.67 3858751.43 201.28968 (16092418) 368481.00
3858751.57 200.45153 (16092418)
368471.33 3858751.71 196.00134 (16092418) 368461.67
3858751.86 183.09475 (16092418)
368452.35 3858761.82 165.34515 (16092418) 368452.71
3858771.65 164.74852 (16092418)
368453.06 3858781.47 164.14757 (16092418) 368453.41
3858791.29 163.59123 (16092418)
368453.76 3858801.12 162.47316 (16092418) 368454.12
3858810.94 160.89231 (16092418)
368454.47 3858820.76 158.73317 (16092418) 368454.82
3858830.59 157.61702 (16092418)
368455.18 3858840.41 157.06411 (16092418) 368455.53
3858850.24 156.48678 (16092418)
368455.88 3858860.06 155.39833 (16092418) 368456.24
3858869.88 153.69786 (16092418)
368456.59 3858879.71 151.94764 (16092418) 368456.94
3858889.53 150.61026 (16092418)
368457.29 3858899.35 149.90304 (16092418) 368457.65
3858909.18 149.22832 (16092418)
368458.00 3858919.00 148.53199 (16092418) 368458.35
3858928.82 147.82887 (16092418)
368458.71 3858938.65 147.08830 (16092418) 368459.06
3858948.47 145.97969 (16092418)
368459.41 3858958.29 143.85653 (16092418) 368459.76
3858968.12 141.67928 (16092418)
368460.12 3858977.94 139.74468 (16092418) 368460.47
3858987.76 138.75996 (16092418)
368460.82 3858997.59 137.71901 (16092418) 368461.18
3859007.41 139.33498 (16011717)
368461.53 3859017.24 140.88074 (16011717) 368461.88
3859027.06 142.17497 (16011717)
368462.24 3859036.88 143.54516 (16011717) 368462.59
3859046.71 146.81103 (16011717)
368462.94 3859056.53 150.22194 (16011717) 368463.29
3859066.35 153.54819 (16011717)
368463.65 3859076.18 154.22023 (16011717) 368464.00
3859086.00 154.89494 (16011717)
368464.35 3859095.82 155.63393 (16011717) 368464.71
3859105.65 159.44817 (16011717)
368465.06 3859115.47 163.49157 (16011717) 368465.41
3859125.29 167.62657 (16011717)
368465.76 3859135.12 171.94102 (16011717) 368466.12
3859144.94 174.75327 (16011717)
368466.47 3859154.76 176.64799 (16011717) 368466.82
3859164.59 179.02561 (16011717)
368467.18 3859174.41 181.72019 (16011717) 368467.53

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL
ADJ_U*

                                       *** THE SUMMARY OF MAXIMUM PERIOD (43872
HRS) RESULTS ***

                                    ** CONC OF DPM   IN MICROGRAMS/M**3
              **

                         NETWORK
GROUP ID   AVERAGE CONC   RECEPTOR (XR, YR,
ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
- -
- - - - - - - - - - - - - - - - - - -

ALL   1ST HIGHEST VALUE IS   4.06712 AT (368880.00, 3859242.00,
850.87,   850.87,   1.80) DC
          2ND HIGHEST VALUE IS   4.01501 AT (368880.00, 3859240.00,
850.81,   850.81,   1.80) DC
          3RD HIGHEST VALUE IS   3.87794 AT (368879.50, 3859232.10,
850.54,   850.54,   1.80) DC
          4TH HIGHEST VALUE IS   3.77661 AT (368889.89, 3859241.74,
850.87,   850.87,   1.80) DC
          5TH HIGHEST VALUE IS   3.77029 AT (368879.00, 3859222.20,
850.21,   850.21,   1.80) DC
          6TH HIGHEST VALUE IS   3.73530 AT (368875.00, 3859143.00,
849.00,   849.00,   1.80) DC
          7TH HIGHEST VALUE IS   3.70140 AT (368878.50, 3859212.30,
850.00,   850.00,   1.80) DC
          8TH HIGHEST VALUE IS   3.66692 AT (368880.00, 3859215.00,
850.00,   850.00,   1.80) DC
          9TH HIGHEST VALUE IS   3.65019 AT (368878.00, 3859202.40,
850.00,   850.00,   1.80) DC
         10TH HIGHEST VALUE IS   3.64218 AT (368875.50, 3859152.90,

849.00,   849.00,   1.80) DC

 *** RECEPTOR TYPES: GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR

                                                *** THE SUMMARY OF HIGHEST 1-HR
RESULTS ***

                                   ** CONC OF DPM   IN MICROGRAMS/M**3
               **

                                                        DATE
                                             NETWORK
GROUP ID   AVERAGE CONC   (YYMMDDHH)   RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)   OF TYPE GRID-ID
- -
- -

ALL   HIGH   1ST HIGH VALUE IS   234.88878 ON 12111218: AT (369071.50,
3858969.55,   845.73,   845.73,   1.80) DC

 *** RECEPTOR TYPES: GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR

 *** Message Summary : AERMOD Model Execution ***

```
 --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            5 Warning Message(s)
 A Total of         7825 Informational Message(s)

 A Total of        43872 Hours Were Processed

 A Total of         6344 Calm Hours Identified

 A Total of         1481 Missing Hours Identified (  3.38 Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W187     229       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 MX W450    8785       CHKDAT: Record Out of Sequence in Meteorological File at:
  16010101
 MX W450    8785       CHKDAT: Record Out of Sequence in Meteorological File at:
3 year gap
 MX W450   26329       CHKDAT: Record Out of Sequence in Meteorological File at:
  19010101
 MX W450   26329       CHKDAT: Record Out of Sequence in Meteorological File at:
1 year gap

    ************************************
    *** AERMOD Finishes Successfully ***
    ************************************
```

Attachment 2: 30-year Cancer Risk Output File Adjusted

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
1	ALL		367605	3858265	5.35E-07	30YrCancerDerived_InhSoilDermMMilk	5.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.535	0.035667333
2	ALL		367605	3858290	5.57E-07	30YrCancerDerived_InhSoilDermMMilk	5.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5566	0.037106
3	ALL		367605	3858315	5.79E-07	30YrCancerDerived_InhSoilDermMMilk	5.79E-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	0.5795	0.038631333
4	ALL		367605	3858340	6.04E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6037	0.040248
5	ALL		367605	3858365	6.28E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6284	0.041891333
6	ALL		367605	3858390	6.55E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6548	0.043656
7	ALL		367605	3858415	6.83E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6831	0.045538667
8	ALL		367605	3858440	7.12E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.712	0.047469333
9	ALL		367605	3858465	7.45E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7446	0.04964
10	ALL		367605	3858490	7.79E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7788	0.051919333
11	ALL		367605	3858515	8.14E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.814	0.054268
12	ALL		367605	3858540	8.53E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8525	0.056835333
13	ALL		367605	3858565	8.93E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8935	0.059563333
14	ALL		367605	3858590	9.35E-07	30YrCancerDerived_InhSoilDermMMilk	9.35E-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	0.9354	0.062357333
15	ALL		367605	3858615	9.83E-07	30YrCancerDerived_InhSoilDermMMilk	9.83E-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	0.9833	0.065552
16	ALL		367605	3858640	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0291	0.068606667
17	ALL		367605	3858665	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0812	0.07208
18	ALL		367605	3858690	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1363	0.075753333
19	ALL		367605	3858715	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1904	0.07936
20	ALL		367605	3858740	1.24E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2411	0.08274
21	ALL		367605	3858765	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2967	0.086446667
22	ALL		367605	3858790	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3511	0.090073333
23	ALL		367605	3858815	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.3966	0.093106667
24	ALL		367605	3858840	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.4415	0.0961
25	ALL		367605	3858865	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.4817	0.09878
26	ALL		367605	3858890	1.51E-06	30YrCancerDerived_InhSoilDermMMilk	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5082	0.100546667
27	ALL		367605	3858915	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.534	0.102266667
28	ALL		367605	3858940	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.5382	0.102546667
29	ALL		367605	3858965	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.5236	0.101573333
30	ALL		367605	3858990	1.50E-06	30YrCancerDerived_InhSoilDermMMilk	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5021	0.10014
31	ALL		367605	3859015	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.4723	0.098153333
32	ALL		367605	3859040	1.42E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.42	0.094666667
33	ALL		367605	3859065	1.33E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3303	0.088686667
34	ALL		367605	3859090	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2051	0.08034
35	ALL		367605	3859115	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0906	0.072706667
36	ALL		367605	3859140	9.83E-07	30YrCancerDerived_InhSoilDermMMilk	9.83E-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	0.9826	0.065508
37	ALL		367605	3859165	8.77E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8774	0.058491333
38	ALL		367605	3859190	7.78E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7782	0.05188
39	ALL		367605	3859215	7.01E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7011	0.046737333
40	ALL		367605	3859240	6.39E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6388	0.042584
41	ALL		367605	3859265	5.87E-07	30YrCancerDerived_InhSoilDermMMilk	5.87E-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	0.5865	0.039102
42	ALL		367605	3859290	5.43E-07	30YrCancerDerived_InhSoilDermMMilk	5.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5433	0.036216667
43	ALL		367605	3859315	5.10E-07	30YrCancerDerived_InhSoilDermMMilk	5.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5097	0.033976667
44	ALL		367605	3859340	4.83E-07	30YrCancerDerived_InhSoilDermMMilk	4.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4832	0.032211333
45	ALL		367605	3859365	4.52E-07	30YrCancerDerived_InhSoilDermMMilk	4.52E-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	0.4518	0.030119333
46	ALL		367605	3859390	4.29E-07	30YrCancerDerived_InhSoilDermMMilk	4.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4286	0.028572667
47	ALL		367605	3859415	3.99E-07	30YrCancerDerived_InhSoilDermMMilk	3.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3993	0.02662
48	ALL		367605	3859440	3.70E-07	30YrCancerDerived_InhSoilDermMMilk	3.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3698	0.024654667
49	ALL		367605	3859465	3.43E-07	30YrCancerDerived_InhSoilDermMMilk	3.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3426	0.022841333
50	ALL		367605	3859490	3.18E-07	30YrCancerDerived_InhSoilDermMMilk	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3178	0.021189333
51	ALL		367605	3859515	2.91E-07	30YrCancerDerived_InhSoilDermMMilk	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2908	0.019385333
52	ALL		367605	3859540	2.69E-07	30YrCancerDerived_InhSoilDermMMilk	2.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2689	0.017929333
53	ALL		367605	3859565	2.50E-07	30YrCancerDerived_InhSoilDermMMilk	2.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2499	0.016657333
54	ALL		367605	3859590	2.31E-07	30YrCancerDerived_InhSoilDermMMilk	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2309	0.015393333
55	ALL		367605	3859615	2.14E-07	30YrCancerDerived_InhSoilDermMMilk	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.214	0.014264667
56	ALL		367605	3859640	2.01E-07	30YrCancerDerived_InhSoilDermMMilk	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2009	0.013392667
57	ALL		367605	3859665	1.89E-07	30YrCancerDerived_InhSoilDermMMilk	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1893	0.012621333
58	ALL		367605	3859690	1.79E-07	30YrCancerDerived_InhSoilDermMMilk	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1791	0.011937333
59	ALL		367605	3859715	1.68E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1679	0.011196
60	ALL		367605	3859740	1.59E-07	30YrCancerDerived_InhSoilDermMMilk	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1587	0.010582
61	ALL		367605	3859765	1.51E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1513	0.010089333
62	ALL		367605	3859790	1.44E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1443	0.009618667
63	ALL		367605	3859815	1.37E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1365	0.0091
64	ALL		367605	3859840	1.31E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1309	0.008725333
65	ALL		367605	3859865	1.26E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1257	0.008380667
66	ALL		367630	3858265	5.48E-07	30YrCancerDerived_InhSoilDermMMilk	5.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5482	0.036548
67	ALL		367630	3858290	5.71E-07	30YrCancerDerived_InhSoilDermMMilk	5.71E-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	0.5709	0.03806
68	ALL		367630	3858315	5.95E-07	30YrCancerDerived_InhSoilDermMMilk	5.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5952	0.039681333
69	ALL		367630	3858340	6.21E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.621	0.041398667
70	ALL		367630	3858365	6.48E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6484	0.043224667
71	ALL		367630	3858390	6.77E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6774	0.04516
72	ALL		367630	3858415	7.08E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7076	0.047173333
73	ALL		367630	3858440	7.39E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7387	0.049247333
74	ALL		367630	3858465	7.74E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7738	0.051588
75	ALL		367630	3858490	8.09E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8088	0.053919333
76	ALL		367630	3858515	8.48E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8482	0.056543333
77	ALL		367630	3858540	8.91E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8911	0.059406667
78	ALL		367630	3858565	9.35E-07	30YrCancerDerived_InhSoilDermMMilk	9.35E-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	0.935	0.062335333
79	ALL		367630	3858590	9.79E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9789	0.06526
80	ALL		367630	3858615	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.032	0.0688
81	ALL		367630	3858640	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0889	0.072593333
82	ALL		367630	3858665	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1491	0.076606667
83	ALL		367630	3858690	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2125	0.080833333
84	ALL		367630	3858715	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2761	0.085073333
85	ALL		367630	3858740	1.33E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3348	0.088986667
86	ALL		367630	3858765	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.4015	0.093433333
87	ALL		367630	3858790	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.4678	0.097853333
88	ALL		367630	3858815	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5257	0.101713333
89	ALL		367630	3858840	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5833	0.105553333
90	ALL		367630

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
123	ALL		367630	3859690	1.87E-07	30YrCancerDerived_InhSoilDermMMilk	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1871	0.012473333
124	ALL		367630	3859715	1.75E-07	30YrCancerDerived_InhSoilDermMMilk	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1753	0.011688667
125	ALL		367630	3859740	1.66E-07	30YrCancerDerived_InhSoilDermMMilk	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1656	0.011039333
126	ALL		367630	3859765	1.58E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1577	0.010512
127	ALL		367630	3859790	1.50E-07	30YrCancerDerived_InhSoilDermMMilk	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1502	0.010010667
128	ALL		367630	3859815	1.42E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1419	0.009457333
129	ALL		367630	3859840	1.36E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1359	0.009056667
130	ALL		367630	3859865	1.30E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1302	0.008681333
131	ALL		367655	3858265	5.61E-07	30YrCancerDerived_InhSoilDermMMilk	5.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5609	0.037393333
132	ALL		367655	3858290	5.85E-07	30YrCancerDerived_InhSoilDermMMilk	5.85E-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	0.5851	0.039006
133	ALL		367655	3858315	6.11E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6107	0.040714
134	ALL		367655	3858340	6.38E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6382	0.042544667
135	ALL		367655	3858365	6.67E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6673	0.044488667
136	ALL		367655	3858390	6.98E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6985	0.046563333
137	ALL		367655	3858415	7.31E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7313	0.048755333
138	ALL		367655	3858440	7.66E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7661	0.051074
139	ALL		367655	3858465	8.02E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8017	0.053444667
140	ALL		367655	3858490	8.42E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8417	0.056112
141	ALL		367655	3858515	8.83E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8831	0.058870667
142	ALL		367655	3858540	9.29E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9286	0.061908
143	ALL		367655	3858565	9.78E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9777	0.065181333
144	ALL		367655	3858590	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0288	0.068586667
145	ALL		367655	3858615	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.088	0.072533333
146	ALL		367655	3858640	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1519	0.076793333
147	ALL		367655	3858665	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2206	0.081373333
148	ALL		367655	3858690	1.29E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2935	0.086233333
149	ALL		367655	3858715	1.37E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3677	0.09118
150	ALL		367655	3858740	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.4411	0.096073333
151	ALL		367655	3858765	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.5217	0.101446667
152	ALL		367655	3858790	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.5918	0.10612
153	ALL		367655	3858815	1.67E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.6689	0.11126
154	ALL		367655	3858840	1.75E-06	30YrCancerDerived_InhSoilDermMMilk	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7474	0.116493333
155	ALL		367655	3858865	1.82E-06	30YrCancerDerived_InhSoilDermMMilk	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8182	0.121213333
156	ALL		367655	3858890	1.87E-06	30YrCancerDerived_InhSoilDermMMilk	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8714	0.12476
157	ALL		367655	3858915	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.9112	0.127413333
158	ALL		367655	3858940	1.96E-06	30YrCancerDerived_InhSoilDermMMilk	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.9564	0.130426667
159	ALL		367655	3858965	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.9689	0.13126
160	ALL		367655	3858990	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.9697	0.131313333
161	ALL		367655	3859015	1.95E-06	30YrCancerDerived_InhSoilDermMMilk	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.9494	0.12996
162	ALL		367655	3859040	1.89E-06	30YrCancerDerived_InhSoilDermMMilk	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8856	0.125706667
163	ALL		367655	3859065	1.80E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.8019	0.120126667
164	ALL		367655	3859090	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.6482	0.10988
165	ALL		367655	3859115	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.4513	0.096753333
166	ALL		367655	3859140	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2637	0.084246667
167	ALL		367655	3859165	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0985	0.073233333
168	ALL		367655	3859190	9.54E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9541	0.063608
169	ALL		367655	3859215	8.50E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8502	0.056678667
170	ALL		367655	3859240	7.83E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7833	0.05222
171	ALL		367655	3859265	7.20E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7196	0.047975333
172	ALL		367655	3859290	6.63E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6631	0.044209333
173	ALL		367655	3859315	6.14E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6139	0.040928
174	ALL		367655	3859340	5.70E-07	30YrCancerDerived_InhSoilDermMMilk	5.70E-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	0.5704	0.038029333
175	ALL		367655	3859365	5.37E-07	30YrCancerDerived_InhSoilDermMMilk	5.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5366	0.035772
176	ALL		367655	3859390	4.96E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.4959	0.033061333
177	ALL		367655	3859415	4.56E-07	30YrCancerDerived_InhSoilDermMMilk	4.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4562	0.030411333
178	ALL		367655	3859440	4.24E-07	30YrCancerDerived_InhSoilDermMMilk	4.24E-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	0.4238	0.02825
179	ALL		367655	3859465	3.95E-07	30YrCancerDerived_InhSoilDermMMilk	3.95E-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	0.3947	0.026314667
180	ALL		367655	3859490	3.63E-07	30YrCancerDerived_InhSoilDermMMilk	3.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3626	0.024170667
181	ALL		367655	3859515	3.29E-07	30YrCancerDerived_InhSoilDermMMilk	3.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3285	0.0219
182	ALL		367655	3859540	2.98E-07	30YrCancerDerived_InhSoilDermMMilk	2.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2977	0.019847333
183	ALL		367655	3859565	2.75E-07	30YrCancerDerived_InhSoilDermMMilk	2.75E-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	0.2748	0.018322
184	ALL		367655	3859590	2.55E-07	30YrCancerDerived_InhSoilDermMMilk	2.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2555	0.017032
185	ALL		367655	3859615	2.38E-07	30YrCancerDerived_InhSoilDermMMilk	2.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2384	0.015894667
186	ALL		367655	3859640	2.23E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.2234	0.014896
187	ALL		367655	3859665	2.07E-07	30YrCancerDerived_InhSoilDermMMilk	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2072	0.013815333
188	ALL		367655	3859690	1.96E-07	30YrCancerDerived_InhSoilDermMMilk	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1956	0.01304
189	ALL		367655	3859715	1.85E-07	30YrCancerDerived_InhSoilDermMMilk	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1848	0.012320667
190	ALL		367655	3859740	1.74E-07	30YrCancerDerived_InhSoilDermMMilk	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.174	0.011597333
191	ALL		367655	3859765	1.64E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1643	0.010952
192	ALL		367655	3859790	1.57E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1566	0.010438
193	ALL		367655	3859815	1.49E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1492	0.009945333
194	ALL		367655	3859840	1.43E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1426	0.009505333
195	ALL		367655	3859865	1.35E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1355	0.00903
196	ALL		367680	3858265	5.73E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.5727	0.038178
197	ALL		367680	3858290	5.98E-07	30YrCancerDerived_InhSoilDermMMilk	5.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5984	0.039894667
198	ALL		367680	3858315	6.26E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6256	0.041703333
199	ALL		367680	3858340	6.55E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6549	0.043660667
200	ALL		367680	3858365	6.86E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.686	0.045734667
201	ALL		367680	3858390	7.19E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7193	0.047953333
202	ALL		367680	3858415	7.55E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7549	0.050324
203	ALL		367680	3858440	7.93E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7929	0.052860667
204	ALL		367680	3858465	8.33E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8325	0.055502
205	ALL		367680	3858490	8.76E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8763	0.058422
206	ALL		367680	3858515	9.21E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9211	0.061407333
207	ALL		367680	3858540	9.71E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9707	0.064714667
208	ALL		367680	3858565	1.02E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0248	0.06832
209	ALL		367680	3858590	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0818	0.07212
210	ALL		367680	3858615	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1477	0.076513333
211	ALL		367680	3858640	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2163	0.081086667
212	ALL		367

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
245	ALL		367680	3859490	3.79E-07	30YrCancerDerived_InhSoilDermMMilk	3.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3789	0.02526
246	ALL		367680	3859515	3.46E-07	30YrCancerDerived_InhSoilDermMMilk	3.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3461	0.023072
247	ALL		367680	3859540	3.17E-07	30YrCancerDerived_InhSoilDermMMilk	3.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3171	0.021137333
248	ALL		367680	3859565	2.90E-07	30YrCancerDerived_InhSoilDermMMilk	2.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.29	0.019332667
249	ALL		367680	3859590	2.68E-07	30YrCancerDerived_InhSoilDermMMilk	2.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2678	0.017855333
250	ALL		367680	3859615	2.50E-07	30YrCancerDerived_InhSoilDermMMilk	2.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2497	0.016644
251	ALL		367680	3859640	2.34E-07	30YrCancerDerived_InhSoilDermMMilk	2.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2344	0.015624
252	ALL		367680	3859665	2.23E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.2229	0.014857333
253	ALL		367680	3859690	2.08E-07	30YrCancerDerived_InhSoilDermMMilk	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2081	0.013872
254	ALL		367680	3859715	1.96E-07	30YrCancerDerived_InhSoilDermMMilk	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1964	0.013092
255	ALL		367680	3859740	1.85E-07	30YrCancerDerived_InhSoilDermMMilk	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1846	0.012307333
256	ALL		367680	3859765	1.74E-07	30YrCancerDerived_InhSoilDermMMilk	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1739	0.011592667
257	ALL		367680	3859790	1.66E-07	30YrCancerDerived_InhSoilDermMMilk	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1655	0.011034667
258	ALL		367680	3859815	1.58E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1578	0.010520667
259	ALL		367680	3859840	1.51E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1506	0.010041333
260	ALL		367680	3859865	1.43E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1435	0.009566
261	ALL		367705	3858265	5.84E-07	30YrCancerDerived_InhSoilDermMMilk	5.84E-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	0.5837	0.03891
262	ALL		367705	3858290	6.11E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6107	0.04071
263	ALL		367705	3858315	6.40E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6397	0.042649333
264	ALL		367705	3858340	6.71E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6708	0.044719333
265	ALL		367705	3858365	7.04E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7041	0.046938
266	ALL		367705	3858390	7.40E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7397	0.049313333
267	ALL		367705	3858415	7.78E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7778	0.051854
268	ALL		367705	3858440	8.19E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8187	0.054582
269	ALL		367705	3858465	8.63E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8627	0.057515333
270	ALL		367705	3858490	9.10E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9102	0.060679333
271	ALL		367705	3858515	9.60E-07	30YrCancerDerived_InhSoilDermMMilk	9.60E-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	0.9601	0.064008667
272	ALL		367705	3858540	1.01E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0141	0.067606667
273	ALL		367705	3858565	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0728	0.07152
274	ALL		367705	3858590	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1378	0.075853333
275	ALL		367705	3858615	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2113	0.080753333
276	ALL		367705	3858640	1.29E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2871	0.085806667
277	ALL		367705	3858665	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3765	0.091766667
278	ALL		367705	3858690	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.4726	0.098173333
279	ALL		367705	3858715	1.57E-06	30YrCancerDerived_InhSoilDermMMilk	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5742	0.104946667
280	ALL		367705	3858740	1.68E-06	30YrCancerDerived_InhSoilDermMMilk	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.6838	0.112253333
281	ALL		367705	3858765	1.79E-06	30YrCancerDerived_InhSoilDermMMilk	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7949	0.11966
282	ALL		367705	3858790	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.9111	0.127406667
283	ALL		367705	3858815	2.04E-06	30YrCancerDerived_InhSoilDermMMilk	2.04E-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	2.0355	0.1357
284	ALL		367705	3858840	2.16E-06	30YrCancerDerived_InhSoilDermMMilk	2.16E-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	2.1612	0.14408
285	ALL		367705	3858865	2.28E-06	30YrCancerDerived_InhSoilDermMMilk	2.28E-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	2.2807	0.152046667
286	ALL		367705	3858890	2.38E-06	30YrCancerDerived_InhSoilDermMMilk	2.38E-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	2.3751	0.15834
287	ALL		367705	3858915	2.47E-06	30YrCancerDerived_InhSoilDermMMilk	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.466	0.1644
288	ALL		367705	3858940	2.56E-06	30YrCancerDerived_InhSoilDermMMilk	2.56E-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	2.5573	0.170486667
289	ALL		367705	3858965	2.65E-06	30YrCancerDerived_InhSoilDermMMilk	2.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.6476	0.176506667
290	ALL		367705	3858990	2.70E-06	30YrCancerDerived_InhSoilDermMMilk	2.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.7036	0.18024
291	ALL		367705	3859015	2.73E-06	30YrCancerDerived_InhSoilDermMMilk	2.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.7278	0.181853333
292	ALL		367705	3859040	2.73E-06	30YrCancerDerived_InhSoilDermMMilk	2.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.7349	0.182326667
293	ALL		367705	3859065	2.64E-06	30YrCancerDerived_InhSoilDermMMilk	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.6354	0.175693333
294	ALL		367705	3859090	2.47E-06	30YrCancerDerived_InhSoilDermMMilk	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.467	0.164466667
295	ALL		367705	3859115	2.15E-06	30YrCancerDerived_InhSoilDermMMilk	2.15E-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	2.1502	0.143346667
296	ALL		367705	3859140	1.79E-06	30YrCancerDerived_InhSoilDermMMilk	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7893	0.119286667
297	ALL		367705	3859165	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.4859	0.09906
298	ALL		367705	3859190	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2644	0.084293333
299	ALL		367705	3859215	1.11E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1083	0.073886667
300	ALL		367705	3859240	9.88E-07	30YrCancerDerived_InhSoilDermMMilk	9.88E-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	0.9883	0.065887333
301	ALL		367705	3859265	8.89E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.889	0.059267333
302	ALL		367705	3859290	8.06E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8056	0.053706
303	ALL		367705	3859315	7.34E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7338	0.048920667
304	ALL		367705	3859340	6.72E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6723	0.04482
305	ALL		367705	3859365	6.27E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6267	0.041782
306	ALL		367705	3859390	5.72E-07	30YrCancerDerived_InhSoilDermMMilk	5.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5716	0.038104
307	ALL		367705	3859415	5.21E-07	30YrCancerDerived_InhSoilDermMMilk	5.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5206	0.034704667
308	ALL		367705	3859440	4.75E-07	30YrCancerDerived_InhSoilDermMMilk	4.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.475	0.031666667
309	ALL		367705	3859465	4.34E-07	30YrCancerDerived_InhSoilDermMMilk	4.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4343	0.028956
310	ALL		367705	3859490	3.98E-07	30YrCancerDerived_InhSoilDermMMilk	3.98E-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	0.3977	0.026515333
311	ALL		367705	3859515	3.65E-07	30YrCancerDerived_InhSoilDermMMilk	3.65E-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	0.365	0.024332
312	ALL		367705	3859540	3.36E-07	30YrCancerDerived_InhSoilDermMMilk	3.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3358	0.022388
313	ALL		367705	3859565	3.08E-07	30YrCancerDerived_InhSoilDermMMilk	3.08E-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	0.3078	0.020522667
314	ALL		367705	3859590	2.84E-07	30YrCancerDerived_InhSoilDermMMilk	2.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2844	0.018962667
315	ALL		367705	3859615	2.65E-07	30YrCancerDerived_InhSoilDermMMilk	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.265	0.017668
316	ALL		367705	3859640	2.48E-07	30YrCancerDerived_InhSoilDermMMilk	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2484	0.016561333
317	ALL		367705	3859665	2.35E-07	30YrCancerDerived_InhSoilDermMMilk	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2353	0.015685333
318	ALL		367705	3859690	2.18E-07	30YrCancerDerived_InhSoilDermMMilk	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2183	0.014552
319	ALL		367705	3859715	2.06E-07	30YrCancerDerived_InhSoilDermMMilk	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2056	0.013706667
320	ALL		367705	3859740	1.93E-07	30YrCancerDerived_InhSoilDermMMilk	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1932	0.012878667
321	ALL		367705	3859765	1.82E-07	30YrCancerDerived_InhSoilDermMMilk	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1817	0.012111333
322	ALL		367705	3859790	1.73E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1727	0.01151
323	ALL		367705	3859815	1.64E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1644	0.010956667
324	ALL		367705	3859840	1.57E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1566	0.010442
325	ALL		367705	3859865	1.50E-07	30YrCancerDerived_InhSoilDermMMilk	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1495	0.009967333
326	ALL		367730	3858265	5.94E-07	30YrCancerDerived_InhSoilDermMMilk	5.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5935	0.039568
327	ALL		367730	3858290	6.22E-07	30YrCancerDerived_InhSoilDermMMilk	6.22E-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	0.6218	0.041450667
328	ALL		367730	3858315	6.53E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6527	0.043512
329	ALL		367730	3858340	6.86E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6856	0.045704667
330	ALL		367730	3858365	7.21E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7211	0.048070667
331	ALL		367730	3858390	7.59E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7591	0.050607333
332	ALL		367730	3858415	8.00E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8	0.053333333
333	ALL		367730	3858440	8.44E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.844	0.056268667
334	ALL		367730	3858465

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
367	ALL		367730	3859290	8.89E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8888	0.05925
368	ALL		367730	3859315	8.02E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8024	0.053492667
369	ALL		367730	3859340	7.30E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.73	0.048668
370	ALL		367730	3859365	6.77E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6766	0.045103333
371	ALL		367730	3859390	6.14E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6137	0.040914667
372	ALL		367730	3859415	5.57E-07	30YrCancerDerived_InhSoilDermMMilk	5.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5568	0.037118667
373	ALL		367730	3859440	5.06E-07	30YrCancerDerived_InhSoilDermMMilk	5.06E-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	0.5062	0.033745333
374	ALL		367730	3859465	4.61E-07	30YrCancerDerived_InhSoilDermMMilk	4.61E-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	0.4613	0.030756
375	ALL		367730	3859490	4.21E-07	30YrCancerDerived_InhSoilDermMMilk	4.21E-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	0.4214	0.028092667
376	ALL		367730	3859515	3.86E-07	30YrCancerDerived_InhSoilDermMMilk	3.86E-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	0.3858	0.025722
377	ALL		367730	3859540	3.55E-07	30YrCancerDerived_InhSoilDermMMilk	3.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3546	0.023638667
378	ALL		367730	3859565	3.27E-07	30YrCancerDerived_InhSoilDermMMilk	3.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3271	0.021804
379	ALL		367730	3859590	3.03E-07	30YrCancerDerived_InhSoilDermMMilk	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3031	0.020204667
380	ALL		367730	3859615	2.82E-07	30YrCancerDerived_InhSoilDermMMilk	2.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2822	0.018814667
381	ALL		367730	3859640	2.64E-07	30YrCancerDerived_InhSoilDermMMilk	2.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.264	0.017602667
382	ALL		367730	3859665	2.48E-07	30YrCancerDerived_InhSoilDermMMilk	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2478	0.016522
383	ALL		367730	3859690	2.30E-07	30YrCancerDerived_InhSoilDermMMilk	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2296	0.015306
384	ALL		367730	3859715	2.16E-07	30YrCancerDerived_InhSoilDermMMilk	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.216	0.014399333
385	ALL		367730	3859740	2.03E-07	30YrCancerDerived_InhSoilDermMMilk	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2032	0.013549333
386	ALL		367730	3859765	1.91E-07	30YrCancerDerived_InhSoilDermMMilk	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1911	0.012739333
387	ALL		367730	3859790	1.81E-07	30YrCancerDerived_InhSoilDermMMilk	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1807	0.012046
388	ALL		367730	3859815	1.73E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1725	0.011501333
389	ALL		367730	3859840	1.64E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1635	0.0109
390	ALL		367730	3859865	1.56E-07	30YrCancerDerived_InhSoilDermMMilk	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1557	0.010381333
391	ALL		367755	3858265	6.02E-07	30YrCancerDerived_InhSoilDermMMilk	6.02E-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	0.6022	0.040143333
392	ALL		367755	3858290	6.32E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6316	0.042108667
393	ALL		367755	3858315	6.64E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6639	0.044262
394	ALL		367755	3858340	6.99E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.699	0.046602
395	ALL		367755	3858365	7.36E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7364	0.049095333
396	ALL		367755	3858390	7.77E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.777	0.051801333
397	ALL		367755	3858415	8.21E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8209	0.054726
398	ALL		367755	3858440	8.68E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.868	0.057868
399	ALL		367755	3858465	9.19E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9193	0.061285333
400	ALL		367755	3858490	9.75E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9747	0.064980667
401	ALL		367755	3858515	1.04E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0352	0.069013333
402	ALL		367755	3858540	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1018	0.073453333
403	ALL		367755	3858565	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1753	0.078353333
404	ALL		367755	3858590	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.257	0.0838
405	ALL		367755	3858615	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.348	0.089866667
406	ALL		367755	3858640	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.4456	0.096373333
407	ALL		367755	3858665	1.56E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.5597	0.10398
408	ALL		367755	3858690	1.69E-06	30YrCancerDerived_InhSoilDermMMilk	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.6883	0.112553333
409	ALL		367755	3858715	1.83E-06	30YrCancerDerived_InhSoilDermMMilk	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.828	0.121866667
410	ALL		367755	3858740	1.98E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.9769	0.131793333
411	ALL		367755	3858765	2.14E-06	30YrCancerDerived_InhSoilDermMMilk	2.14E-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	2.1433	0.142886667
412	ALL		367755	3858790	2.33E-06	30YrCancerDerived_InhSoilDermMMilk	2.33E-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	2.3253	0.15502
413	ALL		367755	3858815	2.51E-06	30YrCancerDerived_InhSoilDermMMilk	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.5119	0.16746
414	ALL		367755	3858840	2.71E-06	30YrCancerDerived_InhSoilDermMMilk	2.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.7128	0.180853333
415	ALL		367755	3858865	2.92E-06	30YrCancerDerived_InhSoilDermMMilk	2.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.9224	0.194826667
416	ALL		367755	3858890	3.13E-06	30YrCancerDerived_InhSoilDermMMilk	3.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.126	0.2084
417	ALL		367755	3858915	3.31E-06	30YrCancerDerived_InhSoilDermMMilk	3.31E-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	3.3114	0.22076
418	ALL		367755	3858940	3.55E-06	30YrCancerDerived_InhSoilDermMMilk	3.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.549	0.2366
419	ALL		367755	3858965	3.75E-06	30YrCancerDerived_InhSoilDermMMilk	3.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.7549	0.250326667
420	ALL		367755	3859090	4.65E-06	30YrCancerDerived_InhSoilDermMMilk	4.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.6537	0.310246667
421	ALL		367755	3859115	4.32E-06	30YrCancerDerived_InhSoilDermMMilk	4.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.3227	0.28818
422	ALL		367755	3859140	3.41E-06	30YrCancerDerived_InhSoilDermMMilk	3.41E-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	3.411	0.2274
423	ALL		367755	3859165	2.29E-06	30YrCancerDerived_InhSoilDermMMilk	2.29E-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	2.2888	0.152586667
424	ALL		367755	3859190	1.74E-06	30YrCancerDerived_InhSoilDermMMilk	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7419	0.116126667
425	ALL		367755	3859215	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.4816	0.098773333
426	ALL		367755	3859240	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.271	0.084733333
427	ALL		367755	3859265	1.11E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1115	0.0741
428	ALL		367755	3859290	9.85E-07	30YrCancerDerived_InhSoilDermMMilk	9.85E-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	0.9853	0.065686667
429	ALL		367755	3859315	8.81E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8815	0.058766
430	ALL		367755	3859340	7.96E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7962	0.053082667
431	ALL		367755	3859365	7.34E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7336	0.048908
432	ALL		367755	3859390	6.62E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6622	0.044144
433	ALL		367755	3859415	5.98E-07	30YrCancerDerived_InhSoilDermMMilk	5.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5982	0.039877333
434	ALL		367755	3859440	5.42E-07	30YrCancerDerived_InhSoilDermMMilk	5.42E-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	0.5419	0.036129333
435	ALL		367755	3859465	4.92E-07	30YrCancerDerived_InhSoilDermMMilk	4.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4922	0.032812667
436	ALL		367755	3859490	4.48E-07	30YrCancerDerived_InhSoilDermMMilk	4.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4483	0.029888667
437	ALL		367755	3859515	4.10E-07	30YrCancerDerived_InhSoilDermMMilk	4.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4099	0.027326
438	ALL		367755	3859540	3.76E-07	30YrCancerDerived_InhSoilDermMMilk	3.76E-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	0.3761	0.025072667
439	ALL		367755	3859565	3.47E-07	30YrCancerDerived_InhSoilDermMMilk	3.47E-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	0.3467	0.023116
440	ALL		367755	3859590	3.22E-07	30YrCancerDerived_InhSoilDermMMilk	3.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3219	0.02146
441	ALL		367755	3859615	3.00E-07	30YrCancerDerived_InhSoilDermMMilk	3.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2999	0.019995333
442	ALL		367755	3859640	2.80E-07	30YrCancerDerived_InhSoilDermMMilk	2.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2795	0.018635333
443	ALL		367755	3859665	2.62E-07	30YrCancerDerived_InhSoilDermMMilk	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2622	0.017480667
444	ALL		367755	3859690	2.43E-07	30YrCancerDerived_InhSoilDermMMilk	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2425	0.016168667
445	ALL		367755	3859715	2.28E-07	30YrCancerDerived_InhSoilDermMMilk	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2278	0.015184
446	ALL		367755	3859740	2.15E-07	30YrCancerDerived_InhSoilDermMMilk	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2151	0.014338667
447	ALL		367755	3859765	2.02E-07	30YrCancerDerived_InhSoilDermMMilk	2.02E-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	0.2025	0.013497333
448	ALL		367755	3859790	1.90E-07	30YrCancerDerived_InhSoilDermMMilk	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1904	0.012691333
449	ALL		367755	3859815	1.83E-07	30YrCancerDerived_InhSoilDermMMilk	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1827	0.012176667
450	ALL		367755	3859840	1.72E-07	30YrCancerDerived_InhSoilDermMMilk	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1717	0.011448667
451	ALL		367755	3859865	1.63E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1628	0.010856
452	ALL		367780	3858265	6.10E-07	30YrCancerDerived_InhSoilDermMMilk	6.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.61	0.040666667
453	ALL		367780	3858290	6.41E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6409	0.042728
454	ALL		367780	3858315	6.74E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6739	0.044924
455	ALL		367780	3858340	7.11E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7105	0.047369333
456	ALL		367780	3858365	7.

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
489	ALL		367780	3859390	7.19E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7189	0.047927333
490	ALL		367780	3859415	6.46E-07	30YrCancerDerived_InhSoilDermMMilk	6.46E-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	0.6462	0.043080667
491	ALL		367780	3859440	5.83E-07	30YrCancerDerived_InhSoilDermMMilk	5.83E-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	0.5831	0.038870667
492	ALL		367780	3859465	5.28E-07	30YrCancerDerived_InhSoilDermMMilk	5.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5278	0.035184
493	ALL		367780	3859490	4.79E-07	30YrCancerDerived_InhSoilDermMMilk	4.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4795	0.031963333
494	ALL		367780	3859515	4.37E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.4375	0.029165333
495	ALL		367780	3859540	4.01E-07	30YrCancerDerived_InhSoilDermMMilk	4.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4011	0.026737333
496	ALL		367780	3859565	3.70E-07	30YrCancerDerived_InhSoilDermMMilk	3.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3696	0.024641333
497	ALL		367780	3859590	3.46E-07	30YrCancerDerived_InhSoilDermMMilk	3.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3462	0.023081333
498	ALL		367780	3859615	3.24E-07	30YrCancerDerived_InhSoilDermMMilk	3.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3236	0.021573333
499	ALL		367780	3859640	2.97E-07	30YrCancerDerived_InhSoilDermMMilk	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2973	0.019821333
500	ALL		367780	3859665	2.78E-07	30YrCancerDerived_InhSoilDermMMilk	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2785	0.018566
501	ALL		367780	3859690	2.57E-07	30YrCancerDerived_InhSoilDermMMilk	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2572	0.017145333
502	ALL		367780	3859715	2.41E-07	30YrCancerDerived_InhSoilDermMMilk	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.241	0.016064
503	ALL		367780	3859740	2.27E-07	30YrCancerDerived_InhSoilDermMMilk	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.227	0.015136
504	ALL		367780	3859765	2.14E-07	30YrCancerDerived_InhSoilDermMMilk	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2143	0.014286
505	ALL		367780	3859790	2.03E-07	30YrCancerDerived_InhSoilDermMMilk	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2027	0.013510667
506	ALL		367780	3859815	1.92E-07	30YrCancerDerived_InhSoilDermMMilk	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.192	0.0128
507	ALL		367780	3859840	1.82E-07	30YrCancerDerived_InhSoilDermMMilk	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1822	0.012146
508	ALL		367780	3859865	1.72E-07	30YrCancerDerived_InhSoilDermMMilk	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1715	0.011436
509	ALL		367805	3858265	6.17E-07	30YrCancerDerived_InhSoilDermMMilk	6.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.6175	0.041163333
510	ALL		367805	3858290	6.49E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6487	0.043246667
511	ALL		367805	3858315	6.83E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6833	0.045556
512	ALL		367805	3858340	7.21E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7206	0.048040667
513	ALL		367805	3858365	7.61E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7613	0.050755333
514	ALL		367805	3858390	8.06E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8064	0.053762667
515	ALL		367805	3858415	8.56E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8561	0.057070667
516	ALL		367805	3858440	9.10E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9101	0.060670667
517	ALL		367805	3858465	9.69E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9686	0.064575333
518	ALL		367805	3858490	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0328	0.068853333
519	ALL		367805	3858515	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1041	0.073606667
520	ALL		367805	3858540	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1828	0.078853333
521	ALL		367805	3858565	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2707	0.084713333
522	ALL		367805	3858590	1.37E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3698	0.09132
523	ALL		367805	3858615	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.4823	0.09882
524	ALL		367805	3858640	1.61E-06	30YrCancerDerived_InhSoilDermMMilk	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.6116	0.10744
525	ALL		367805	3858665	1.76E-06	30YrCancerDerived_InhSoilDermMMilk	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7613	0.11742
526	ALL		367805	3858690	1.93E-06	30YrCancerDerived_InhSoilDermMMilk	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.9341	0.12894
527	ALL		367805	3858715	2.13E-06	30YrCancerDerived_InhSoilDermMMilk	2.13E-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	2.1345	0.1423
528	ALL		367805	3858740	2.36E-06	30YrCancerDerived_InhSoilDermMMilk	2.36E-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	2.3608	0.157386667
529	ALL		367805	3858765	2.60E-06	30YrCancerDerived_InhSoilDermMMilk	2.60E-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	2.599	0.173266667
530	ALL		367805	3858790	2.88E-06	30YrCancerDerived_InhSoilDermMMilk	2.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.8804	0.192026667
531	ALL		367805	3858815	3.18E-06	30YrCancerDerived_InhSoilDermMMilk	3.18E-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	3.1809	0.21206
532	ALL		367805	3858840	3.50E-06	30YrCancerDerived_InhSoilDermMMilk	3.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.5045	0.233633333
533	ALL		367805	3858865	3.87E-06	30YrCancerDerived_InhSoilDermMMilk	3.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.8656	0.257706667
534	ALL		367805	3858890	4.29E-06	30YrCancerDerived_InhSoilDermMMilk	4.29E-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	4.2887	0.285913333
535	ALL		367805	3858915	4.78E-06	30YrCancerDerived_InhSoilDermMMilk	4.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.7775	0.3185
536	ALL		367805	3858940	5.35E-06	30YrCancerDerived_InhSoilDermMMilk	5.35E-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	5.3518	0.356786667
537	ALL		367805	3858965	5.97E-06	30YrCancerDerived_InhSoilDermMMilk	5.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.9735	0.398233333
538	ALL		367805	3859190	2.98E-06	30YrCancerDerived_InhSoilDermMMilk	2.98E-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	2.9847	0.19898
539	ALL		367805	3859215	2.17E-06	30YrCancerDerived_InhSoilDermMMilk	2.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.1671	0.144473333
540	ALL		367805	3859240	1.73E-06	30YrCancerDerived_InhSoilDermMMilk	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.727	0.115133333
541	ALL		367805	3859265	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.4468	0.096453333
542	ALL		367805	3859290	1.24E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2446	0.082973333
543	ALL		367805	3859315	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0891	0.072606667
544	ALL		367805	3859340	9.67E-07	30YrCancerDerived_InhSoilDermMMilk	9.67E-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	0.9669	0.064458
545	ALL		367805	3859365	8.79E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8786	0.05857
546	ALL		367805	3859390	7.84E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7836	0.052237333
547	ALL		367805	3859415	7.01E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7011	0.046737333
548	ALL		367805	3859440	6.30E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6297	0.041978
549	ALL		367805	3859465	5.68E-07	30YrCancerDerived_InhSoilDermMMilk	5.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.568	0.037868667
550	ALL		367805	3859490	5.15E-07	30YrCancerDerived_InhSoilDermMMilk	5.15E-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	0.5149	0.034325333
551	ALL		367805	3859515	4.69E-07	30YrCancerDerived_InhSoilDermMMilk	4.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.469	0.031266
552	ALL		367805	3859540	4.30E-07	30YrCancerDerived_InhSoilDermMMilk	4.30E-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	0.4295	0.028633333
553	ALL		367805	3859565	4.01E-07	30YrCancerDerived_InhSoilDermMMilk	4.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4009	0.026728667
554	ALL		367805	3859590	3.74E-07	30YrCancerDerived_InhSoilDermMMilk	3.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3745	0.024964
555	ALL		367805	3859615	3.46E-07	30YrCancerDerived_InhSoilDermMMilk	3.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3461	0.023072
556	ALL		367805	3859640	3.18E-07	30YrCancerDerived_InhSoilDermMMilk	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3175	0.021168
557	ALL		367805	3859665	2.97E-07	30YrCancerDerived_InhSoilDermMMilk	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2968	0.019786
558	ALL		367805	3859690	2.77E-07	30YrCancerDerived_InhSoilDermMMilk	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2773	0.018487333
559	ALL		367805	3859715	2.57E-07	30YrCancerDerived_InhSoilDermMMilk	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2571	0.017136667
560	ALL		367805	3859740	2.40E-07	30YrCancerDerived_InhSoilDermMMilk	2.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2402	0.016012
561	ALL		367805	3859765	2.26E-07	30YrCancerDerived_InhSoilDermMMilk	2.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2263	0.015088
562	ALL		367805	3859790	2.14E-07	30YrCancerDerived_InhSoilDermMMilk	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2137	0.014246667
563	ALL		367805	3859815	2.02E-07	30YrCancerDerived_InhSoilDermMMilk	2.02E-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	0.2022	0.01348
564	ALL		367805	3859840	1.90E-07	30YrCancerDerived_InhSoilDermMMilk	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1896	0.012638667
565	ALL		367805	3859865	1.80E-07	30YrCancerDerived_InhSoilDermMMilk	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1796	0.011972
566	ALL		367830	3858265	6.24E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6239	0.04159
567	ALL		367830	3858290	6.56E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6556	0.043708667
568	ALL		367830	3858315	6.91E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6913	0.046083333
569	ALL		367830	3858340	7.29E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7294	0.048624667
570	ALL		367830	3858365	7.72E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7718	0.051452667
571	ALL		367830	3858390	8.18E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8185	0.054564667
572	ALL		367830	3858415	8.70E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.87	0.057998667
573	ALL		367830	3858440	9.27E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9269	0.061794667
574	ALL		367830	3858465	9.89E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9888	0.065922
575	ALL		367830	3858490	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0579	0.070526667
576	ALL		367830	3858515	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1342	0.075613333
577	ALL		367830	3858540	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2194	0.081293333
578	ALL		367830	3

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
611	ALL		367830	3859590	4.00E-07	30YrCancerDerived_InhSoilDermMMilk	4.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3997	0.026646
612	ALL		367830	3859615	3.67E-07	30YrCancerDerived_InhSoilDermMMilk	3.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3669	0.024462667
613	ALL		367830	3859640	3.40E-07	30YrCancerDerived_InhSoilDermMMilk	3.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3398	0.022654
614	ALL		367830	3859665	3.17E-07	30YrCancerDerived_InhSoilDermMMilk	3.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3169	0.021128667
615	ALL		367830	3859690	2.96E-07	30YrCancerDerived_InhSoilDermMMilk	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.296	0.019734
616	ALL		367830	3859715	2.73E-07	30YrCancerDerived_InhSoilDermMMilk	2.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2732	0.018212667
617	ALL		367830	3859740	2.55E-07	30YrCancerDerived_InhSoilDermMMilk	2.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2545	0.016966667
618	ALL		367830	3859765	2.39E-07	30YrCancerDerived_InhSoilDermMMilk	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2393	0.015955333
619	ALL		367830	3859790	2.26E-07	30YrCancerDerived_InhSoilDermMMilk	2.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2257	0.015044667
620	ALL		367830	3859815	2.13E-07	30YrCancerDerived_InhSoilDermMMilk	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2134	0.014225333
621	ALL		367830	3859840	2.01E-07	30YrCancerDerived_InhSoilDermMMilk	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2015	0.013432
622	ALL		367830	3859865	1.91E-07	30YrCancerDerived_InhSoilDermMMilk	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1914	0.012760667
623	ALL		367855	3858265	6.30E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6298	0.041986667
624	ALL		367855	3858290	6.62E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6625	0.044166
625	ALL		367855	3858315	6.98E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6982	0.046545333
626	ALL		367855	3858340	7.37E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.737	0.049134667
627	ALL		367855	3858365	7.81E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7808	0.05205
628	ALL		367855	3858390	8.29E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8287	0.055244667
629	ALL		367855	3858415	8.82E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8816	0.058774667
630	ALL		367855	3858440	9.41E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.941	0.062732
631	ALL		367855	3858465	1.01E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0057	0.067046667
632	ALL		367855	3858490	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0791	0.07194
633	ALL		367855	3858515	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.16	0.077333333
634	ALL		367855	3858540	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2516	0.08344
635	ALL		367855	3858565	1.36E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3554	0.09036
636	ALL		367855	3858590	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.4734	0.098226667
637	ALL		367855	3858615	1.61E-06	30YrCancerDerived_InhSoilDermMMilk	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.6104	0.10736
638	ALL		367855	3858640	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.773	0.1182
639	ALL		367855	3858665	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.9662	0.13108
640	ALL		367855	3858690	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.2003	0.146686667
641	ALL		367855	3858715	2.49E-06	30YrCancerDerived_InhSoilDermMMilk	2.49E-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	2.4868	0.165786667
642	ALL		367855	3858740	2.83E-06	30YrCancerDerived_InhSoilDermMMilk	2.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.833	0.188866667
643	ALL		367855	3858765	3.24E-06	30YrCancerDerived_InhSoilDermMMilk	3.24E-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	3.239	0.215933333
644	ALL		367855	3858790	3.70E-06	30YrCancerDerived_InhSoilDermMMilk	3.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.697	0.246466667
645	ALL		367855	3858815	4.24E-06	30YrCancerDerived_InhSoilDermMMilk	4.24E-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	4.2369	0.28246
646	ALL		367855	3858840	4.86E-06	30YrCancerDerived_InhSoilDermMMilk	4.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.8563	0.323753333
647	ALL		367855	3859190	5.16E-06	30YrCancerDerived_InhSoilDermMMilk	5.16E-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	5.1575	0.343833333
648	ALL		367855	3859215	3.48E-06	30YrCancerDerived_InhSoilDermMMilk	3.48E-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	3.4752	0.23168
649	ALL		367855	3859240	2.52E-06	30YrCancerDerived_InhSoilDermMMilk	2.52E-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	2.5233	0.16822
650	ALL		367855	3859265	1.98E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.9777	0.131846667
651	ALL		367855	3859290	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.6503	0.11002
652	ALL		367855	3859315	1.42E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.4154	0.09436
653	ALL		367855	3859340	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2159	0.08106
654	ALL		367855	3859365	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0734	0.07156
655	ALL		367855	3859390	9.44E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9438	0.062919333
656	ALL		367855	3859415	8.35E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8347	0.055645333
657	ALL		367855	3859440	7.43E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7432	0.049548667
658	ALL		367855	3859465	6.66E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6662	0.044414667
659	ALL		367855	3859490	6.02E-07	30YrCancerDerived_InhSoilDermMMilk	6.02E-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	0.6023	0.040152
660	ALL		367855	3859515	5.53E-07	30YrCancerDerived_InhSoilDermMMilk	5.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5531	0.036870667
661	ALL		367855	3859540	5.11E-07	30YrCancerDerived_InhSoilDermMMilk	5.11E-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	0.5106	0.034037333
662	ALL		367855	3859565	4.70E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.4702	0.031348667
663	ALL		367855	3859590	4.29E-07	30YrCancerDerived_InhSoilDermMMilk	4.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.429	0.028598667
664	ALL		367855	3859615	3.92E-07	30YrCancerDerived_InhSoilDermMMilk	3.92E-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	0.3922	0.026144667
665	ALL		367855	3859640	3.64E-07	30YrCancerDerived_InhSoilDermMMilk	3.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3641	0.024270667
666	ALL		367855	3859665	3.39E-07	30YrCancerDerived_InhSoilDermMMilk	3.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3386	0.022571333
667	ALL		367855	3859690	3.15E-07	30YrCancerDerived_InhSoilDermMMilk	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3154	0.021024
668	ALL		367855	3859715	2.92E-07	30YrCancerDerived_InhSoilDermMMilk	2.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2924	0.019494
669	ALL		367855	3859740	2.71E-07	30YrCancerDerived_InhSoilDermMMilk	2.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2714	0.018090667
670	ALL		367855	3859765	2.53E-07	30YrCancerDerived_InhSoilDermMMilk	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2534	0.016892667
671	ALL		367855	3859790	2.39E-07	30YrCancerDerived_InhSoilDermMMilk	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2387	0.015912
672	ALL		367855	3859815	2.26E-07	30YrCancerDerived_InhSoilDermMMilk	2.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2255	0.015036
673	ALL		367855	3859840	2.14E-07	30YrCancerDerived_InhSoilDermMMilk	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2138	0.014251333
674	ALL		367855	3859865	2.03E-07	30YrCancerDerived_InhSoilDermMMilk	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2032	0.013545333
675	ALL		367880	3858265	6.35E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6353	0.042352667
676	ALL		367880	3858290	6.69E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6688	0.044588667
677	ALL		367880	3858315	7.05E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7045	0.046968
678	ALL		367880	3858340	7.44E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7443	0.049618
679	ALL		367880	3858365	7.89E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7885	0.052568667
680	ALL		367880	3858390	8.37E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8372	0.055815333
681	ALL		367880	3858415	8.91E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8914	0.059428667
682	ALL		367880	3858440	9.53E-07	30YrCancerDerived_InhSoilDermMMilk	9.53E-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	0.9526	0.063508
683	ALL		367880	3858465	1.02E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0195	0.067966667
684	ALL		367880	3858490	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0962	0.07308
685	ALL		367880	3858515	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1811	0.07874
686	ALL		367880	3858540	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2781	0.085206667
687	ALL		367880	3858565	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3894	0.092626667
688	ALL		367880	3858590	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.5172	0.101146667
689	ALL		367880	3858615	1.67E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.6667	0.111113333
690	ALL		367880	3858640	1.85E-06	30YrCancerDerived_InhSoilDermMMilk	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8475	0.123166667
691	ALL		367880	3858665	2.07E-06	30YrCancerDerived_InhSoilDermMMilk	2.07E-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	2.0658	0.13772
692	ALL		367880	3858690	2.34E-06	30YrCancerDerived_InhSoilDermMMilk	2.34E-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	2.3368	0.155786667
693	ALL		367880	3858715	2.68E-06	30YrCancerDerived_InhSoilDermMMilk	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.6804	0.178693333
694	ALL		367880	3858740	3.12E-06	30YrCancerDerived_InhSoilDermMMilk	3.12E-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	3.116	0.207733333
695	ALL		367880	3858765	3.65E-06	30YrCancerDerived_InhSoilDermMMilk	3.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.6471	0.24314
696	ALL		367880	3858790	4.28E-06	30YrCancerDerived_InhSoilDermMMilk	4.28E-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	4.2836	0.285573333
697	ALL		367880	3858815	5.05E-06	30YrCancerDerived_InhSoilDermMMilk	5.05E-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	5.0474	0.336493333
698	ALL		367880	3859190	6.29E-06	30YrCancerDerived_InhSoilDermMMilk	6.29E-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	6.2941	0.419606667
699	ALL		367880	3859215	4.25E-06	30YrCancerDerived_InhSoilDermMMilk	4.25E-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	4.2492	0.28328
700	ALL		367880	3859240

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
733	ALL		367905	3858440	9.62E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9619	0.064126667
734	ALL		367905	3858465	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0311	0.06874
735	ALL		367905	3858490	1.11E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1099	0.073993333
736	ALL		367905	3858515	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1977	0.079846667
737	ALL		367905	3858540	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2988	0.086586667
738	ALL		367905	3858565	1.42E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.4167	0.094446667
739	ALL		367905	3858590	1.55E-06	30YrCancerDerived_InhSoilDermMMilk	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5539	0.103593333
740	ALL		367905	3858615	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7149	0.114326667
741	ALL		367905	3858640	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.9131	0.12754
742	ALL		367905	3858665	2.16E-06	30YrCancerDerived_InhSoilDermMMilk	2.16E-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	2.1574	0.143826667
743	ALL		367905	3858690	2.47E-06	30YrCancerDerived_InhSoilDermMMilk	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.4696	0.16464
744	ALL		367905	3858715	2.88E-06	30YrCancerDerived_InhSoilDermMMilk	2.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.8813	0.192086667
745	ALL		367905	3858740	3.43E-06	30YrCancerDerived_InhSoilDermMMilk	3.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.4338	0.22892
746	ALL		367905	3858765	4.16E-06	30YrCancerDerived_InhSoilDermMMilk	4.16E-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	4.1569	0.277126667
747	ALL		367905	3859190	7.24E-06	30YrCancerDerived_InhSoilDermMMilk	7.24E-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	7.237	0.482466667
748	ALL		367905	3859215	5.03E-06	30YrCancerDerived_InhSoilDermMMilk	5.03E-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	5.0301	0.33534
749	ALL		367905	3859240	3.67E-06	30YrCancerDerived_InhSoilDermMMilk	3.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.6706	0.244706667
750	ALL		367905	3859265	2.80E-06	30YrCancerDerived_InhSoilDermMMilk	2.80E-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	2.801	0.186733333
751	ALL		367905	3859290	2.25E-06	30YrCancerDerived_InhSoilDermMMilk	2.25E-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	2.2458	0.14972
752	ALL		367905	3859315	1.86E-06	30YrCancerDerived_InhSoilDermMMilk	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8613	0.124086667
753	ALL		367905	3859340	1.57E-06	30YrCancerDerived_InhSoilDermMMilk	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.565	0.104333333
754	ALL		367905	3859365	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.342	0.089466667
755	ALL		367905	3859390	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1595	0.0773
756	ALL		367905	3859415	1.01E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0126	0.067506667
757	ALL		367905	3859440	8.95E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8955	0.059698667
758	ALL		367905	3859465	8.05E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8047	0.053649333
759	ALL		367905	3859490	7.33E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7333	0.048886
760	ALL		367905	3859515	6.63E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6631	0.044205333
761	ALL		367905	3859540	6.14E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6139	0.040928
762	ALL		367905	3859565	5.56E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.5559	0.037058
763	ALL		367905	3859590	5.06E-07	30YrCancerDerived_InhSoilDermMMilk	5.06E-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	0.506	0.033732667
764	ALL		367905	3859615	4.62E-07	30YrCancerDerived_InhSoilDermMMilk	4.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4622	0.030812667
765	ALL		367905	3859640	4.20E-07	30YrCancerDerived_InhSoilDermMMilk	4.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4197	0.027979333
766	ALL		367905	3859665	3.86E-07	30YrCancerDerived_InhSoilDermMMilk	3.86E-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	0.3864	0.025756667
767	ALL		367905	3859690	3.58E-07	30YrCancerDerived_InhSoilDermMMilk	3.58E-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	0.3581	0.023874
768	ALL		367905	3859715	3.33E-07	30YrCancerDerived_InhSoilDermMMilk	3.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3331	0.022205333
769	ALL		367905	3859740	3.11E-07	30YrCancerDerived_InhSoilDermMMilk	3.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3108	0.020718667
770	ALL		367905	3859765	2.89E-07	30YrCancerDerived_InhSoilDermMMilk	2.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2892	0.019280667
771	ALL		367905	3859790	2.68E-07	30YrCancerDerived_InhSoilDermMMilk	2.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2685	0.017899333
772	ALL		367905	3859815	2.53E-07	30YrCancerDerived_InhSoilDermMMilk	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2533	0.016884
773	ALL		367905	3859840	2.39E-07	30YrCancerDerived_InhSoilDermMMilk	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2395	0.015964
774	ALL		367905	3859865	2.27E-07	30YrCancerDerived_InhSoilDermMMilk	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.227	0.015132
775	ALL		367930	3858265	6.45E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6448	0.042989333
776	ALL		367930	3858290	6.79E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6791	0.045272667
777	ALL		367930	3858315	7.15E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7154	0.047696
778	ALL		367930	3858340	7.57E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.757	0.050463333
779	ALL		367930	3858365	8.02E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8016	0.05344
780	ALL		367930	3858390	8.51E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8509	0.056726667
781	ALL		367930	3858415	9.06E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9058	0.060387333
782	ALL		367930	3858440	9.68E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9682	0.064544667
783	ALL		367930	3858465	1.04E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0421	0.069473333
784	ALL		367930	3858490	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.121	0.074733333
785	ALL		367930	3858515	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2103	0.080686667
786	ALL		367930	3858540	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3142	0.087613333
787	ALL		367930	3858565	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.4362	0.095746667
788	ALL		367930	3858590	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5795	0.1053
789	ALL		367930	3858615	1.75E-06	30YrCancerDerived_InhSoilDermMMilk	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7485	0.116566667
790	ALL		367930	3858640	1.96E-06	30YrCancerDerived_InhSoilDermMMilk	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.9613	0.130753333
791	ALL		367930	3858665	2.23E-06	30YrCancerDerived_InhSoilDermMMilk	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.2286	0.148573333
792	ALL		367930	3858690	2.58E-06	30YrCancerDerived_InhSoilDermMMilk	2.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.5809	0.17206
793	ALL		367930	3858715	3.07E-06	30YrCancerDerived_InhSoilDermMMilk	3.07E-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	3.0684	0.20456
794	ALL		367930	3858740	3.78E-06	30YrCancerDerived_InhSoilDermMMilk	3.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.7774	0.251826667
795	ALL		367930	3859190	7.98E-06	30YrCancerDerived_InhSoilDermMMilk	7.98E-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	7.9761	0.53174
796	ALL		367930	3859215	5.81E-06	30YrCancerDerived_InhSoilDermMMilk	5.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.8115	0.387433333
797	ALL		367930	3859240	4.31E-06	30YrCancerDerived_InhSoilDermMMilk	4.31E-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	4.3146	0.28764
798	ALL		367930	3859265	3.31E-06	30YrCancerDerived_InhSoilDermMMilk	3.31E-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	3.3096	0.22064
799	ALL		367930	3859290	2.61E-06	30YrCancerDerived_InhSoilDermMMilk	2.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.6113	0.174086667
800	ALL		367930	3859315	2.11E-06	30YrCancerDerived_InhSoilDermMMilk	2.11E-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	2.1139	0.140926667
801	ALL		367930	3859340	1.76E-06	30YrCancerDerived_InhSoilDermMMilk	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7574	0.11716
802	ALL		367930	3859365	1.51E-06	30YrCancerDerived_InhSoilDermMMilk	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5144	0.10096
803	ALL		367930	3859390	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2962	0.086413333
804	ALL		367930	3859415	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.123	0.074866667
805	ALL		367930	3859440	9.98E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9977	0.066510667
806	ALL		367930	3859465	8.97E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8971	0.059807333
807	ALL		367930	3859490	8.03E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8027	0.053514667
808	ALL		367930	3859515	7.23E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7232	0.048214667
809	ALL		367930	3859540	6.56E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6558	0.043717333
810	ALL		367930	3859565	5.97E-07	30YrCancerDerived_InhSoilDermMMilk	5.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5971	0.039803333
811	ALL		367930	3859590	5.46E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.5455	0.036369333
812	ALL		367930	3859615	5.00E-07	30YrCancerDerived_InhSoilDermMMilk	5.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4997	0.033314
813	ALL		367930	3859640	4.57E-07	30YrCancerDerived_InhSoilDermMMilk	4.57E-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	0.4574	0.03049
814	ALL		367930	3859665	4.13E-07	30YrCancerDerived_InhSoilDermMMilk	4.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4128	0.027522
815	ALL		367930	3859690	3.82E-07	30YrCancerDerived_InhSoilDermMMilk	3.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3817	0.025443333
816	ALL		367930	3859715	3.54E-07	30YrCancerDerived_InhSoilDermMMilk	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3542	0.023612667
817	ALL		367930	3859740	3.30E-07	30YrCancerDerived_InhSoilDermMMilk	3.30E-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	0.3299	0.021991333
818	ALL		367930	3859765	3.08E-07	30YrCancerDerived_InhSoilDermMMilk	3.08E-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	0.3084	0.020557333
819	ALL		367930	3859790	2.89E-07	30YrCancerDerived_InhSoilDermMMilk	2.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2892	0.019280667
820	ALL		367930	3859815	2.72E-07	30YrCancerDerived_InhSoilDermMMilk	2.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2723	0.018152
821	ALL		367930	3859840	2.57E-07	30YrCancerDerived_InhSoilDermMMilk	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2571	0.017136667
822	ALL		367930

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
855	ALL		367955	3859490	8.96E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8957	0.059712
856	ALL		367955	3859515	7.89E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7887	0.052582
857	ALL		367955	3859540	7.11E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7112	0.047412667
858	ALL		367955	3859565	6.45E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6448	0.042984667
859	ALL		367955	3859590	5.86E-07	30YrCancerDerived_InhSoilDermMMilk	5.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5865	0.039097333
860	ALL		367955	3859615	5.35E-07	30YrCancerDerived_InhSoilDermMMilk	5.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5353	0.035689333
861	ALL		367955	3859640	4.90E-07	30YrCancerDerived_InhSoilDermMMilk	4.90E-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	0.49	0.032664667
862	ALL		367955	3859665	4.49E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.4491	0.029936667
863	ALL		367955	3859690	4.14E-07	30YrCancerDerived_InhSoilDermMMilk	4.14E-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	0.4143	0.027622
864	ALL		367955	3859715	3.79E-07	30YrCancerDerived_InhSoilDermMMilk	3.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3787	0.025247333
865	ALL		367955	3859740	3.50E-07	30YrCancerDerived_InhSoilDermMMilk	3.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3497	0.023312
866	ALL		367955	3859765	3.26E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.3265	0.021764667
867	ALL		367955	3859790	3.06E-07	30YrCancerDerived_InhSoilDermMMilk	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.306	0.020396667
868	ALL		367955	3859815	2.88E-07	30YrCancerDerived_InhSoilDermMMilk	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2876	0.019172
869	ALL		367955	3859840	2.71E-07	30YrCancerDerived_InhSoilDermMMilk	2.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2712	0.018078
870	ALL		367955	3859865	2.56E-07	30YrCancerDerived_InhSoilDermMMilk	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2563	0.017084
871	ALL		367980	3858265	6.55E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6554	0.043690667
872	ALL		367980	3858290	6.89E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6892	0.045944
873	ALL		367980	3858315	7.28E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7276	0.048506667
874	ALL		367980	3858340	7.68E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7681	0.051204667
875	ALL		367980	3858365	8.14E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8138	0.054250667
876	ALL		367980	3858390	8.64E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.864	0.057598
877	ALL		367980	3858415	9.20E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9202	0.061346
878	ALL		367980	3858440	9.85E-07	30YrCancerDerived_InhSoilDermMMilk	9.85E-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	0.9846	0.065638667
879	ALL		367980	3858465	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0556	0.070373333
880	ALL		367980	3858490	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1372	0.075813333
881	ALL		367980	3858515	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2292	0.081946667
882	ALL		367980	3858540	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3352	0.089013333
883	ALL		367980	3858565	1.46E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.4583	0.09722
884	ALL		367980	3858590	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.6021	0.106806667
885	ALL		367980	3858615	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7738	0.118253333
886	ALL		367980	3858640	1.99E-06	30YrCancerDerived_InhSoilDermMMilk	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.9945	0.132966667
887	ALL		367980	3858665	2.28E-06	30YrCancerDerived_InhSoilDermMMilk	2.28E-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	2.2755	0.1517
888	ALL		367980	3858690	2.67E-06	30YrCancerDerived_InhSoilDermMMilk	2.67E-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	2.6658	0.17772
889	ALL		367980	3858715	3.26E-06	30YrCancerDerived_InhSoilDermMMilk	3.26E-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	3.2636	0.217573333
890	ALL		367980	3858740	4.30E-06	30YrCancerDerived_InhSoilDermMMilk	4.30E-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	4.3039	0.286926667
891	ALL		367980	3859190	9.94E-06	30YrCancerDerived_InhSoilDermMMilk	9.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.942	0.6628
892	ALL		367980	3859215	7.33E-06	30YrCancerDerived_InhSoilDermMMilk	7.33E-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	7.3261	0.488406667
893	ALL		367980	3859240	5.76E-06	30YrCancerDerived_InhSoilDermMMilk	5.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.762	0.384133333
894	ALL		367980	3859265	4.55E-06	30YrCancerDerived_InhSoilDermMMilk	4.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.5514	0.303426667
895	ALL		367980	3859290	3.61E-06	30YrCancerDerived_InhSoilDermMMilk	3.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.6138	0.24092
896	ALL		367980	3859315	2.89E-06	30YrCancerDerived_InhSoilDermMMilk	2.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.888	0.192533333
897	ALL		367980	3859340	2.34E-06	30YrCancerDerived_InhSoilDermMMilk	2.34E-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	2.3353	0.155686667
898	ALL		367980	3859365	1.92E-06	30YrCancerDerived_InhSoilDermMMilk	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.9177	0.127846667
899	ALL		367980	3859390	1.64E-06	30YrCancerDerived_InhSoilDermMMilk	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.636	0.109066667
900	ALL		367980	3859415	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.3995	0.0933
901	ALL		367980	3859440	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2253	0.081686667
902	ALL		367980	3859465	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.096	0.073066667
903	ALL		367980	3859490	9.85E-07	30YrCancerDerived_InhSoilDermMMilk	9.85E-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	0.9852	0.065678
904	ALL		367980	3859515	8.73E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8725	0.058168667
905	ALL		367980	3859540	7.72E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7716	0.05144
906	ALL		367980	3859565	6.94E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6937	0.046244667
907	ALL		367980	3859590	6.29E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6286	0.041904
908	ALL		367980	3859615	5.72E-07	30YrCancerDerived_InhSoilDermMMilk	5.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5717	0.038112667
909	ALL		367980	3859640	5.22E-07	30YrCancerDerived_InhSoilDermMMilk	5.22E-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	0.5223	0.034817333
910	ALL		367980	3859665	4.79E-07	30YrCancerDerived_InhSoilDermMMilk	4.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4791	0.031941333
911	ALL		367980	3859690	4.41E-07	30YrCancerDerived_InhSoilDermMMilk	4.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4414	0.029426667
912	ALL		367980	3859715	4.06E-07	30YrCancerDerived_InhSoilDermMMilk	4.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4064	0.027094667
913	ALL		367980	3859740	3.74E-07	30YrCancerDerived_InhSoilDermMMilk	3.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3736	0.024907333
914	ALL		367980	3859765	3.46E-07	30YrCancerDerived_InhSoilDermMMilk	3.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3455	0.023033333
915	ALL		367980	3859790	3.24E-07	30YrCancerDerived_InhSoilDermMMilk	3.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3235	0.021568667
916	ALL		367980	3859815	3.04E-07	30YrCancerDerived_InhSoilDermMMilk	3.04E-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	0.3039	0.020261333
917	ALL		367980	3859840	2.90E-07	30YrCancerDerived_InhSoilDermMMilk	2.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2899	0.019328667
918	ALL		367980	3859865	2.74E-07	30YrCancerDerived_InhSoilDermMMilk	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2744	0.018291333
919	ALL		368005	3858265	6.60E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6605	0.044030667
920	ALL		368005	3858290	6.95E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6945	0.046301333
921	ALL		368005	3858315	7.33E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7334	0.04889
922	ALL		368005	3858340	7.74E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.774	0.051596667
923	ALL		368005	3858365	8.20E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8204	0.054691333
924	ALL		368005	3858390	8.72E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8717	0.058112
925	ALL		368005	3858415	9.28E-07	30YrCancerDerived_InhSoilDermMMilk	9.28E-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	0.9284	0.061895333
926	ALL		368005	3858440	9.92E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9916	0.066105333
927	ALL		368005	3858465	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0615	0.070766667
928	ALL		368005	3858490	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1438	0.076253333
929	ALL		368005	3858515	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2348	0.08232
930	ALL		368005	3858540	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3403	0.089353333
931	ALL		368005	3858565	1.46E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.4625	0.0975
932	ALL		368005	3858590	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.6028	0.106853333
933	ALL		368005	3858615	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7734	0.118226667
934	ALL		368005	3858640	1.98E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.9833	0.13222
935	ALL		368005	3858665	2.25E-06	30YrCancerDerived_InhSoilDermMMilk	2.25E-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	2.2533	0.15022
936	ALL		368005	3858690	2.63E-06	30YrCancerDerived_InhSoilDermMMilk	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.6262	0.17508
937	ALL		368005	3858715	3.19E-06	30YrCancerDerived_InhSoilDermMMilk	3.19E-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	3.186	0.2124
938	ALL		368005	3858740	4.14E-06	30YrCancerDerived_InhSoilDermMMilk	4.14E-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	4.1391	0.27594
939	ALL		368005	3859190	1.11E-05	30YrCancerDerived_InhSoilDermMMilk	1.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.092	0.739466667
940	ALL		368005	3859215	8.36E-06	30YrCancerDerived_InhSoilDermMMilk	8.36E-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	8.3643	0.55762
941	ALL		368005	3859240	6.64E-06	30YrCancerDerived_InhSoilDermMMilk	6.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.6358	0.442386667
942	ALL		368005	3859265	5.31E-06	30YrCancerDerived_InhSoilDermMMilk	5.31E-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	5.313	0.3542
943	ALL		368005	3859290	4.28E-06	30YrCancerDerived_InhSoilDermMMilk	4.28E-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	4.2783	0.28522
944	ALL		368005	3859315

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
977	ALL		368030	3858515	1.24E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2395	0.082633333
978	ALL		368030	3858540	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3435	0.089566667
979	ALL		368030	3858565	1.46E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.4633	0.097553333
980	ALL		368030	3858590	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.5996	0.10664
981	ALL		368030	3858615	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7667	0.11778
982	ALL		368030	3858640	1.96E-06	30YrCancerDerived_InhSoilDermMMilk	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.9603	0.130686667
983	ALL		368030	3858665	2.21E-06	30YrCancerDerived_InhSoilDermMMilk	2.21E-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	2.2099	0.147326667
984	ALL		368030	3858690	2.54E-06	30YrCancerDerived_InhSoilDermMMilk	2.54E-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	2.5414	0.169426667
985	ALL		368030	3858715	3.00E-06	30YrCancerDerived_InhSoilDermMMilk	3.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.9999	0.199993333
986	ALL		368030	3858740	3.69E-06	30YrCancerDerived_InhSoilDermMMilk	3.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.6936	0.24624
987	ALL		368030	3859190	1.24E-05	30YrCancerDerived_InhSoilDermMMilk	1.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.409	0.827266667
988	ALL		368030	3859215	9.75E-06	30YrCancerDerived_InhSoilDermMMilk	9.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.7488	0.64992
989	ALL		368030	3859240	7.83E-06	30YrCancerDerived_InhSoilDermMMilk	7.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.8323	0.522153333
990	ALL		368030	3859265	6.39E-06	30YrCancerDerived_InhSoilDermMMilk	6.39E-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	6.3868	0.425786667
991	ALL		368030	3859290	5.21E-06	30YrCancerDerived_InhSoilDermMMilk	5.21E-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	5.2058	0.347053333
992	ALL		368030	3859315	4.17E-06	30YrCancerDerived_InhSoilDermMMilk	4.17E-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	4.168	0.277866667
993	ALL		368030	3859340	3.25E-06	30YrCancerDerived_InhSoilDermMMilk	3.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.2508	0.21672
994	ALL		368030	3859365	2.55E-06	30YrCancerDerived_InhSoilDermMMilk	2.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.5514	0.170093333
995	ALL		368030	3859390	2.11E-06	30YrCancerDerived_InhSoilDermMMilk	2.11E-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	2.1148	0.140986667
996	ALL		368030	3859415	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7685	0.1179
997	ALL		368030	3859440	1.51E-06	30YrCancerDerived_InhSoilDermMMilk	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5144	0.10096
998	ALL		368030	3859465	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3228	0.088186667
999	ALL		368030	3859490	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1632	0.077546667
1000	ALL		368030	3859515	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0296	0.06864
1001	ALL		368030	3859540	9.14E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9142	0.060945333
1002	ALL		368030	3859565	8.18E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8178	0.054521333
1003	ALL		368030	3859590	7.36E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7361	0.049073333
1004	ALL		368030	3859615	6.63E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6633	0.044222667
1005	ALL		368030	3859640	5.99E-07	30YrCancerDerived_InhSoilDermMMilk	5.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.599	0.03993
1006	ALL		368030	3859665	5.55E-07	30YrCancerDerived_InhSoilDermMMilk	5.55E-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	0.5554	0.037027333
1007	ALL		368030	3859690	5.11E-07	30YrCancerDerived_InhSoilDermMMilk	5.11E-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	0.5112	0.034076667
1008	ALL		368030	3859715	4.68E-07	30YrCancerDerived_InhSoilDermMMilk	4.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4676	0.031174
1009	ALL		368030	3859740	4.32E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.4316	0.028772667
1010	ALL		368030	3859765	4.02E-07	30YrCancerDerived_InhSoilDermMMilk	4.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4022	0.026811333
1011	ALL		368030	3859790	3.76E-07	30YrCancerDerived_InhSoilDermMMilk	3.76E-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	0.3761	0.025072667
1012	ALL		368030	3859815	3.53E-07	30YrCancerDerived_InhSoilDermMMilk	3.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3528	0.023516667
1013	ALL		368030	3859840	3.36E-07	30YrCancerDerived_InhSoilDermMMilk	3.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3358	0.022384
1014	ALL		368030	3859865	3.17E-07	30YrCancerDerived_InhSoilDermMMilk	3.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3171	0.021137333
1015	ALL		368055	3858265	6.72E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6722	0.044815333
1016	ALL		368055	3858290	7.07E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7068	0.047120667
1017	ALL		368055	3858315	7.46E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7465	0.049766
1018	ALL		368055	3858340	7.90E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.79	0.052664667
1019	ALL		368055	3858365	8.36E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8361	0.055741333
1020	ALL		368055	3858390	8.88E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8875	0.059166667
1021	ALL		368055	3858415	9.45E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9446	0.062971333
1022	ALL		368055	3858440	1.01E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0071	0.06714
1023	ALL		368055	3858465	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.079	0.071933333
1024	ALL		368055	3858490	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1575	0.077166667
1025	ALL		368055	3858515	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2454	0.083026667
1026	ALL		368055	3858540	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3468	0.089786667
1027	ALL		368055	3858565	1.46E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.4633	0.097553333
1028	ALL		368055	3858590	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.5951	0.10634
1029	ALL		368055	3858615	1.75E-06	30YrCancerDerived_InhSoilDermMMilk	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7525	0.116833333
1030	ALL		368055	3858640	1.93E-06	30YrCancerDerived_InhSoilDermMMilk	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.9325	0.128833333
1031	ALL		368055	3858665	2.15E-06	30YrCancerDerived_InhSoilDermMMilk	2.15E-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	2.1545	0.143633333
1032	ALL		368055	3858690	2.43E-06	30YrCancerDerived_InhSoilDermMMilk	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.4331	0.162206667
1033	ALL		368055	3858715	2.79E-06	30YrCancerDerived_InhSoilDermMMilk	2.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.7865	0.185766667
1034	ALL		368055	3858740	3.26E-06	30YrCancerDerived_InhSoilDermMMilk	3.26E-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	3.2628	0.21752
1035	ALL		368055	3858765	4.12E-06	30YrCancerDerived_InhSoilDermMMilk	4.12E-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	4.1207	0.274713333
1036	ALL		368055	3858790	6.13E-06	30YrCancerDerived_InhSoilDermMMilk	6.13E-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	6.125	0.408333333
1037	ALL		368055	3858815	9.04E-06	30YrCancerDerived_InhSoilDermMMilk	9.04E-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	9.0389	0.602593333
1038	ALL		368055	3858840	1.12E-05	30YrCancerDerived_InhSoilDermMMilk	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.21	0.747333333
1039	ALL		368055	3858865	1.29E-05	30YrCancerDerived_InhSoilDermMMilk	1.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.854	0.856933333
1040	ALL		368055	3858890	1.44E-05	30YrCancerDerived_InhSoilDermMMilk	1.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	14.423	0.961533333
1041	ALL		368055	3858915	1.65E-05	30YrCancerDerived_InhSoilDermMMilk	1.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	16.488	1.0992
1042	ALL		368055	3858940	1.87E-05	30YrCancerDerived_InhSoilDermMMilk	1.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	18.74	1.249333333
1043	ALL		368055	3859190	1.46E-05	30YrCancerDerived_InhSoilDermMMilk	1.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	14.607	0.9738
1044	ALL		368055	3859215	1.18E-05	30YrCancerDerived_InhSoilDermMMilk	1.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.784	0.7856
1045	ALL		368055	3859240	9.98E-06	30YrCancerDerived_InhSoilDermMMilk	9.98E-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	9.9763	0.665086667
1046	ALL		368055	3859265	8.25E-06	30YrCancerDerived_InhSoilDermMMilk	8.25E-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	8.2537	0.550246667
1047	ALL		368055	3859290	6.78E-06	30YrCancerDerived_InhSoilDermMMilk	6.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.7838	0.452253333
1048	ALL		368055	3859315	5.41E-06	30YrCancerDerived_InhSoilDermMMilk	5.41E-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	5.4076	0.360506667
1049	ALL		368055	3859340	4.06E-06	30YrCancerDerived_InhSoilDermMMilk	4.06E-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	4.0645	0.270966667
1050	ALL		368055	3859365	3.01E-06	30YrCancerDerived_InhSoilDermMMilk	3.01E-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	3.0108	0.20072
1051	ALL		368055	3859390	2.43E-06	30YrCancerDerived_InhSoilDermMMilk	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.4264	0.16176
1052	ALL		368055	3859415	1.99E-06	30YrCancerDerived_InhSoilDermMMilk	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.9949	0.132993333
1053	ALL		368055	3859440	1.68E-06	30YrCancerDerived_InhSoilDermMMilk	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.6833	0.11222
1054	ALL		368055	3859465	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.4466	0.09644
1055	ALL		368055	3859490	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2552	0.08368
1056	ALL		368055	3859515	1.11E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1141	0.074273333
1057	ALL		368055	3859540	9.89E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9886	0.065904667
1058	ALL		368055	3859565	8.82E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.882	0.058796667
1059	ALL		368055	3859590	7.92E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7919	0.052795333
1060	ALL		368055	3859615	7.16E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7155	0.047700667
1061	ALL		368055	3859640	6.51E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6507	0.043377333
1062	ALL		368055	3859665	5.95E-07	30YrCancerDerived_InhSoilDermMMilk	5.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.595	0.039668667
1063	ALL		368055	3859690	5.47E-07	30YrCancerDerived_InhSoilDermMMilk	5.47E-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	0.5469	0.036456667
1064	ALL		368055	3859715	5.05E-07	30YrCancerDerived_InhSoilDermMMilk	5.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.505	0.033667333
1065	ALL		368055	3859740	4.68E-07	30YrCancerDerived_InhSoilDermMMilk	4.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
1099	ALL		368080	3859390	2.80E-06	30YrCancerDerived_InhSoilDermMMilk	2.80E-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	2.8006	0.186706667
1100	ALL		368080	3859415	2.27E-06	30YrCancerDerived_InhSoilDermMMilk	2.27E-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	2.2671	0.15114
1101	ALL		368080	3859440	1.88E-06	30YrCancerDerived_InhSoilDermMMilk	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8792	0.12528
1102	ALL		368080	3859465	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.5914	0.106093333
1103	ALL		368080	3859490	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3832	0.092213333
1104	ALL		368080	3859515	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2025	0.080166667
1105	ALL		368080	3859540	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0754	0.071693333
1106	ALL		368080	3859565	9.59E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9589	0.063926
1107	ALL		368080	3859590	8.58E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8584	0.057227333
1108	ALL		368080	3859615	7.74E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7738	0.051588
1109	ALL		368080	3859640	7.02E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.702	0.046802667
1110	ALL		368080	3859665	6.41E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6409	0.042728
1111	ALL		368080	3859690	5.88E-07	30YrCancerDerived_InhSoilDermMMilk	5.88E-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	0.5882	0.039210667
1112	ALL		368080	3859715	5.42E-07	30YrCancerDerived_InhSoilDermMMilk	5.42E-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	0.5422	0.036146667
1113	ALL		368080	3859740	5.02E-07	30YrCancerDerived_InhSoilDermMMilk	5.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5022	0.03348
1114	ALL		368080	3859765	4.70E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.4704	0.031357333
1115	ALL		368080	3859790	4.45E-07	30YrCancerDerived_InhSoilDermMMilk	4.45E-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	0.4445	0.029636
1116	ALL		368080	3859815	4.08E-07	30YrCancerDerived_InhSoilDermMMilk	4.08E-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	0.4077	0.027182
1117	ALL		368080	3859840	3.82E-07	30YrCancerDerived_InhSoilDermMMilk	3.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.382	0.025464667
1118	ALL		368080	3859865	3.59E-07	30YrCancerDerived_InhSoilDermMMilk	3.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3586	0.023904667
1119	ALL		368105	3858265	6.86E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6857	0.045713333
1120	ALL		368105	3858290	7.22E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7222	0.048145333
1121	ALL		368105	3858315	7.60E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7605	0.050698667
1122	ALL		368105	3858340	8.05E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8046	0.053636667
1123	ALL		368105	3858365	8.53E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8529	0.056861333
1124	ALL		368105	3858390	9.06E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9059	0.060391333
1125	ALL		368105	3858415	9.63E-07	30YrCancerDerived_InhSoilDermMMilk	9.63E-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	0.9631	0.064209333
1126	ALL		368105	3858440	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0252	0.068346667
1127	ALL		368105	3858465	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0966	0.073106667
1128	ALL		368105	3858490	1.17E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.173	0.0782
1129	ALL		368105	3858515	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2612	0.08408
1130	ALL		368105	3858540	1.36E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3584	0.09056
1131	ALL		368105	3858565	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.4653	0.097686667
1132	ALL		368105	3858590	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.5867	0.10578
1133	ALL		368105	3858615	1.73E-06	30YrCancerDerived_InhSoilDermMMilk	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7278	0.115186667
1134	ALL		368105	3858640	1.88E-06	30YrCancerDerived_InhSoilDermMMilk	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8794	0.125293333
1135	ALL		368105	3858665	2.06E-06	30YrCancerDerived_InhSoilDermMMilk	2.06E-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	2.0553	0.13702
1136	ALL		368105	3858690	2.25E-06	30YrCancerDerived_InhSoilDermMMilk	2.25E-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	2.2524	0.15016
1137	ALL		368105	3858715	2.49E-06	30YrCancerDerived_InhSoilDermMMilk	2.49E-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	2.4923	0.166153333
1138	ALL		368105	3858740	2.84E-06	30YrCancerDerived_InhSoilDermMMilk	2.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.8448	0.189653333
1139	ALL		368105	3858765	3.40E-06	30YrCancerDerived_InhSoilDermMMilk	3.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.3973	0.226486667
1140	ALL		368105	3858790	4.17E-06	30YrCancerDerived_InhSoilDermMMilk	4.17E-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	4.168	0.277866667
1141	ALL		368105	3858815	5.13E-06	30YrCancerDerived_InhSoilDermMMilk	5.13E-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	5.133	0.3422
1142	ALL		368105	3858840	6.31E-06	30YrCancerDerived_InhSoilDermMMilk	6.31E-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	6.3093	0.42062
1143	ALL		368105	3858865	7.57E-06	30YrCancerDerived_InhSoilDermMMilk	7.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.5742	0.504946667
1144	ALL		368105	3858890	8.91E-06	30YrCancerDerived_InhSoilDermMMilk	8.91E-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	8.9092	0.593946667
1145	ALL		368105	3858915	1.05E-05	30YrCancerDerived_InhSoilDermMMilk	1.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.487	0.699133333
1146	ALL		368105	3858940	1.29E-05	30YrCancerDerived_InhSoilDermMMilk	1.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.923	0.861533333
1147	ALL		368105	3859390	3.40E-06	30YrCancerDerived_InhSoilDermMMilk	3.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.3978	0.22652
1148	ALL		368105	3859415	2.60E-06	30YrCancerDerived_InhSoilDermMMilk	2.60E-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	2.5982	0.173213333
1149	ALL		368105	3859440	2.11E-06	30YrCancerDerived_InhSoilDermMMilk	2.11E-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	2.1145	0.140966667
1150	ALL		368105	3859465	1.78E-06	30YrCancerDerived_InhSoilDermMMilk	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7751	0.11834
1151	ALL		368105	3859490	1.51E-06	30YrCancerDerived_InhSoilDermMMilk	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5138	0.10092
1152	ALL		368105	3859515	1.33E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3267	0.088446667
1153	ALL		368105	3859540	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1635	0.077566667
1154	ALL		368105	3859565	1.04E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0409	0.069393333
1155	ALL		368105	3859590	9.34E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9341	0.06227
1156	ALL		368105	3859615	8.40E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8396	0.055972667
1157	ALL		368105	3859640	7.60E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.76	0.050668667
1158	ALL		368105	3859665	6.92E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6922	0.046144667
1159	ALL		368105	3859690	6.34E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6339	0.042257333
1160	ALL		368105	3859715	5.83E-07	30YrCancerDerived_InhSoilDermMMilk	5.83E-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	0.5834	0.038892667
1161	ALL		368105	3859740	5.39E-07	30YrCancerDerived_InhSoilDermMMilk	5.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5393	0.035950667
1162	ALL		368105	3859765	5.01E-07	30YrCancerDerived_InhSoilDermMMilk	5.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5012	0.03341
1163	ALL		368105	3859790	4.68E-07	30YrCancerDerived_InhSoilDermMMilk	4.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4677	0.031182667
1164	ALL		368105	3859815	4.35E-07	30YrCancerDerived_InhSoilDermMMilk	4.35E-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	0.4355	0.02903
1165	ALL		368105	3859840	4.07E-07	30YrCancerDerived_InhSoilDermMMilk	4.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4073	0.027156
1166	ALL		368105	3859865	3.82E-07	30YrCancerDerived_InhSoilDermMMilk	3.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3818	0.025456
1167	ALL		368130	3858265	6.93E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6934	0.046223333
1168	ALL		368130	3858290	7.29E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7293	0.04862
1169	ALL		368130	3858315	7.69E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7692	0.051278667
1170	ALL		368130	3858340	8.12E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8117	0.054111333
1171	ALL		368130	3858365	8.60E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8597	0.057314667
1172	ALL		368130	3858390	9.13E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9129	0.060862
1173	ALL		368130	3858415	9.71E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9711	0.064741333
1174	ALL		368130	3858440	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0343	0.068953333
1175	ALL		368130	3858465	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.103	0.073533333
1176	ALL		368130	3858490	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1809	0.078726667
1177	ALL		368130	3858515	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2663	0.08442
1178	ALL		368130	3858540	1.36E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3599	0.09066
1179	ALL		368130	3858565	1.46E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.4648	0.097653333
1180	ALL		368130	3858590	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.584	0.1056
1181	ALL		368130	3858615	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7132	0.114213333
1182	ALL		368130	3858640	1.85E-06	30YrCancerDerived_InhSoilDermMMilk	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8518	0.123453333
1183	ALL		368130	3858665	2.01E-06	30YrCancerDerived_InhSoilDermMMilk	2.01E-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	2.0125	0.134166667
1184	ALL		368130	3858690	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.1974	0.146493333
1185	ALL		368130	3858715	2.43E-06	30YrCancerDerived_InhSoilDermMMilk	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.4256	0.161706667
1186	ALL		368130	3858740	2.74E-06	30YrCancerDerived_InhSoilDermMMilk	2.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.7419	0.182793333
1187	ALL		368130	3858765	3.20E-06	30YrCancerDerived_InhSoilDermMMilk	3.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
1221	ALL		368155	3858390	9.19E-07	30YrCancerDerived_InhSoilDermMMilk	9.19E-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	0.9191	0.061276
1222	ALL		368155	3858415	9.78E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9777	0.065176667
1223	ALL		368155	3858440	1.04E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0419	0.06946
1224	ALL		368155	3858465	1.11E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1111	0.074073333
1225	ALL		368155	3858490	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1875	0.079166667
1226	ALL		368155	3858515	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2724	0.084826667
1227	ALL		368155	3858540	1.36E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3648	0.090986667
1228	ALL		368155	3858565	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.4665	0.097766667
1229	ALL		368155	3858590	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5806	0.105373333
1230	ALL		368155	3858615	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7057	0.113713333
1231	ALL		368155	3858640	1.84E-06	30YrCancerDerived_InhSoilDermMMilk	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8369	0.12246
1232	ALL		368155	3858665	1.99E-06	30YrCancerDerived_InhSoilDermMMilk	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.9851	0.13234
1233	ALL		368155	3858690	2.16E-06	30YrCancerDerived_InhSoilDermMMilk	2.16E-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	2.1632	0.144213333
1234	ALL		368155	3858715	2.39E-06	30YrCancerDerived_InhSoilDermMMilk	2.39E-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	2.3897	0.159313333
1235	ALL		368155	3858740	2.68E-06	30YrCancerDerived_InhSoilDermMMilk	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.684	0.178933333
1236	ALL		368155	3858765	3.06E-06	30YrCancerDerived_InhSoilDermMMilk	3.06E-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	3.0624	0.20416
1237	ALL		368155	3858790	3.54E-06	30YrCancerDerived_InhSoilDermMMilk	3.54E-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	3.5408	0.236053333
1238	ALL		368155	3858815	4.11E-06	30YrCancerDerived_InhSoilDermMMilk	4.11E-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	4.1069	0.273793333
1239	ALL		368155	3858840	4.80E-06	30YrCancerDerived_InhSoilDermMMilk	4.80E-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	4.803	0.3202
1240	ALL		368155	3858865	5.67E-06	30YrCancerDerived_InhSoilDermMMilk	5.67E-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	5.6727	0.37818
1241	ALL		368155	3858890	6.76E-06	30YrCancerDerived_InhSoilDermMMilk	6.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.7558	0.450386667
1242	ALL		368155	3858915	8.16E-06	30YrCancerDerived_InhSoilDermMMilk	8.16E-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	8.1594	0.54396
1243	ALL		368155	3858940	1.03E-05	30YrCancerDerived_InhSoilDermMMilk	1.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.349	0.689933333
1244	ALL		368155	3859365	8.43E-06	30YrCancerDerived_InhSoilDermMMilk	8.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.4289	0.561926667
1245	ALL		368155	3859390	5.23E-06	30YrCancerDerived_InhSoilDermMMilk	5.23E-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	5.2322	0.348813333
1246	ALL		368155	3859415	3.64E-06	30YrCancerDerived_InhSoilDermMMilk	3.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.6362	0.242413333
1247	ALL		368155	3859440	2.77E-06	30YrCancerDerived_InhSoilDermMMilk	2.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.7695	0.184633333
1248	ALL		368155	3859465	2.24E-06	30YrCancerDerived_InhSoilDermMMilk	2.24E-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	2.2369	0.149126667
1249	ALL		368155	3859490	1.87E-06	30YrCancerDerived_InhSoilDermMMilk	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.871	0.124733333
1250	ALL		368155	3859515	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.5905	0.106033333
1251	ALL		368155	3859540	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3852	0.092346667
1252	ALL		368155	3859565	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2229	0.081526667
1253	ALL		368155	3859590	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0905	0.0727
1254	ALL		368155	3859615	9.81E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9811	0.065408
1255	ALL		368155	3859640	8.89E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8891	0.059271333
1256	ALL		368155	3859665	8.05E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8053	0.053684
1257	ALL		368155	3859690	7.34E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7336	0.048908
1258	ALL		368155	3859715	6.72E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6719	0.044793333
1259	ALL		368155	3859740	6.15E-07	30YrCancerDerived_InhSoilDermMMilk	6.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.6152	0.041010667
1260	ALL		368155	3859765	5.65E-07	30YrCancerDerived_InhSoilDermMMilk	5.65E-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	0.565	0.037668
1261	ALL		368155	3859790	5.25E-07	30YrCancerDerived_InhSoilDermMMilk	5.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5248	0.034983333
1262	ALL		368155	3859815	4.93E-07	30YrCancerDerived_InhSoilDermMMilk	4.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4929	0.032856667
1263	ALL		368155	3859840	4.60E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.4595	0.030634
1264	ALL		368155	3859865	4.29E-07	30YrCancerDerived_InhSoilDermMMilk	4.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4292	0.028611333
1265	ALL		368180	3858265	7.08E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7083	0.047221333
1266	ALL		368180	3858290	7.45E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7447	0.049648667
1267	ALL		368180	3858315	7.83E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7832	0.052215333
1268	ALL		368180	3858340	8.27E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.827	0.055135333
1269	ALL		368180	3858365	8.74E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8742	0.058278
1270	ALL		368180	3858390	9.27E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9267	0.061782
1271	ALL		368180	3858415	9.86E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9855	0.0657
1272	ALL		368180	3858440	1.05E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.05	0.07
1273	ALL		368180	3858465	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1196	0.07464
1274	ALL		368180	3858490	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1951	0.079673333
1275	ALL		368180	3858515	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2795	0.0853
1276	ALL		368180	3858540	1.37E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3722	0.09148
1277	ALL		368180	3858565	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.4723	0.098153333
1278	ALL		368180	3858590	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5807	0.10538
1279	ALL		368180	3858615	1.70E-06	30YrCancerDerived_InhSoilDermMMilk	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7031	0.11354
1280	ALL		368180	3858640	1.83E-06	30YrCancerDerived_InhSoilDermMMilk	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8344	0.122293333
1281	ALL		368180	3858665	1.98E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.9784	0.131893333
1282	ALL		368180	3858690	2.15E-06	30YrCancerDerived_InhSoilDermMMilk	2.15E-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	2.1544	0.143626667
1283	ALL		368180	3858715	2.38E-06	30YrCancerDerived_InhSoilDermMMilk	2.38E-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	2.3773	0.158486667
1284	ALL		368180	3858740	2.65E-06	30YrCancerDerived_InhSoilDermMMilk	2.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.6514	0.17676
1285	ALL		368180	3858765	2.98E-06	30YrCancerDerived_InhSoilDermMMilk	2.98E-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	2.9815	0.198766667
1286	ALL		368180	3858790	3.39E-06	30YrCancerDerived_InhSoilDermMMilk	3.39E-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	3.3889	0.225926667
1287	ALL		368180	3858815	3.86E-06	30YrCancerDerived_InhSoilDermMMilk	3.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.8636	0.257573333
1288	ALL		368180	3858840	4.43E-06	30YrCancerDerived_InhSoilDermMMilk	4.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.4321	0.295473333
1289	ALL		368180	3858865	5.14E-06	30YrCancerDerived_InhSoilDermMMilk	5.14E-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	5.1443	0.342953333
1290	ALL		368180	3858890	6.07E-06	30YrCancerDerived_InhSoilDermMMilk	6.07E-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	6.073	0.404866667
1291	ALL		368180	3858915	7.36E-06	30YrCancerDerived_InhSoilDermMMilk	7.36E-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	7.3584	0.49056
1292	ALL		368180	3858940	9.43E-06	30YrCancerDerived_InhSoilDermMMilk	9.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.4321	0.628806667
1293	ALL		368180	3859365	9.96E-06	30YrCancerDerived_InhSoilDermMMilk	9.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.9553	0.663686667
1294	ALL		368180	3859390	6.16E-06	30YrCancerDerived_InhSoilDermMMilk	6.16E-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	6.1623	0.41082
1295	ALL		368180	3859415	4.27E-06	30YrCancerDerived_InhSoilDermMMilk	4.27E-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	4.2726	0.28484
1296	ALL		368180	3859440	3.19E-06	30YrCancerDerived_InhSoilDermMMilk	3.19E-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	3.1855	0.212366667
1297	ALL		368180	3859465	2.52E-06	30YrCancerDerived_InhSoilDermMMilk	2.52E-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	2.5194	0.16796
1298	ALL		368180	3859490	2.08E-06	30YrCancerDerived_InhSoilDermMMilk	2.08E-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	2.0797	0.138646667
1299	ALL		368180	3859515	1.75E-06	30YrCancerDerived_InhSoilDermMMilk	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7505	0.1167
1300	ALL		368180	3859540	1.51E-06	30YrCancerDerived_InhSoilDermMMilk	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5104	0.100693333
1301	ALL		368180	3859565	1.33E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3269	0.08846
1302	ALL		368180	3859590	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1772	0.07848
1303	ALL		368180	3859615	1.05E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0541	0.070273333
1304	ALL		368180	3859640	9.53E-07	30YrCancerDerived_InhSoilDermMMilk	9.53E-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	0.9526	0.063503333
1305	ALL		368180	3859665	8.60E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8596	0.057306
1306	ALL		368180	3859690	7.80E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7804	0.052024
1307	ALL		368180	3859715	7.13E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7127	0.047513333
1308	ALL		368180	3859740	6.50E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.65	0.043333333
1309	ALL		368180	3859765	5.95E-07	30YrCancerDerived_InhSoilDermMMilk	5.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
1343	ALL		368205	3859390	7.08E-06	30YrCancerDerived_InhSoilDermMMilk	7.08E-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	7.0783	0.471886667
1344	ALL		368205	3859415	4.89E-06	30YrCancerDerived_InhSoilDermMMilk	4.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.8935	0.326233333
1345	ALL		368205	3859440	3.64E-06	30YrCancerDerived_InhSoilDermMMilk	3.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.6396	0.24264
1346	ALL		368205	3859465	2.84E-06	30YrCancerDerived_InhSoilDermMMilk	2.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.8427	0.189513333
1347	ALL		368205	3859490	2.30E-06	30YrCancerDerived_InhSoilDermMMilk	2.30E-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	2.2958	0.153053333
1348	ALL		368205	3859515	1.92E-06	30YrCancerDerived_InhSoilDermMMilk	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.9163	0.127753333
1349	ALL		368205	3859540	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.6506	0.11004
1350	ALL		368205	3859565	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.4315	0.095433333
1351	ALL		368205	3859590	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2645	0.0843
1352	ALL		368205	3859615	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1296	0.075306667
1353	ALL		368205	3859640	1.01E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0088	0.067253333
1354	ALL		368205	3859665	9.09E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9094	0.060626667
1355	ALL		368205	3859690	8.23E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.823	0.054865333
1356	ALL		368205	3859715	7.49E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7494	0.049958
1357	ALL		368205	3859740	6.86E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.686	0.045730667
1358	ALL		368205	3859765	6.30E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6304	0.042026
1359	ALL		368205	3859790	5.81E-07	30YrCancerDerived_InhSoilDermMMilk	5.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5815	0.038766
1360	ALL		368205	3859815	5.38E-07	30YrCancerDerived_InhSoilDermMMilk	5.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5381	0.035872667
1361	ALL		368205	3859840	5.07E-07	30YrCancerDerived_InhSoilDermMMilk	5.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5067	0.033780667
1362	ALL		368205	3859865	4.75E-07	30YrCancerDerived_InhSoilDermMMilk	4.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4745	0.031636
1363	ALL		368230	3858265	7.21E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7208	0.048053333
1364	ALL		368230	3858290	7.60E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.76	0.050664
1365	ALL		368230	3858315	8.00E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7999	0.053326667
1366	ALL		368230	3858340	8.43E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8431	0.056208
1367	ALL		368230	3858365	8.93E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8927	0.059515333
1368	ALL		368230	3858390	9.48E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9477	0.063180667
1369	ALL		368230	3858415	1.01E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0064	0.067093333
1370	ALL		368230	3858440	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0687	0.071246667
1371	ALL		368230	3858465	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1408	0.076053333
1372	ALL		368230	3858490	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.22	0.081333333
1373	ALL		368230	3858515	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3026	0.08684
1374	ALL		368230	3858540	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3917	0.09278
1375	ALL		368230	3858565	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.4914	0.099426667
1376	ALL		368230	3858590	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.6044	0.10696
1377	ALL		368230	3858615	1.72E-06	30YrCancerDerived_InhSoilDermMMilk	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7229	0.11486
1378	ALL		368230	3858640	1.87E-06	30YrCancerDerived_InhSoilDermMMilk	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8653	0.124353333
1379	ALL		368230	3858665	2.02E-06	30YrCancerDerived_InhSoilDermMMilk	2.02E-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	2.0219	0.134793333
1380	ALL		368230	3858690	2.21E-06	30YrCancerDerived_InhSoilDermMMilk	2.21E-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	2.2076	0.147173333
1381	ALL		368230	3858715	2.42E-06	30YrCancerDerived_InhSoilDermMMilk	2.42E-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	2.4237	0.16158
1382	ALL		368230	3858740	2.66E-06	30YrCancerDerived_InhSoilDermMMilk	2.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.6634	0.17756
1383	ALL		368230	3858765	2.95E-06	30YrCancerDerived_InhSoilDermMMilk	2.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.9492	0.196613333
1384	ALL		368230	3858790	3.25E-06	30YrCancerDerived_InhSoilDermMMilk	3.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.2496	0.21664
1385	ALL		368230	3858815	3.61E-06	30YrCancerDerived_InhSoilDermMMilk	3.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.6051	0.24034
1386	ALL		368230	3858840	4.02E-06	30YrCancerDerived_InhSoilDermMMilk	4.02E-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	4.0225	0.268166667
1387	ALL		368230	3858865	4.51E-06	30YrCancerDerived_InhSoilDermMMilk	4.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.513	0.300866667
1388	ALL		368230	3858890	5.11E-06	30YrCancerDerived_InhSoilDermMMilk	5.11E-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	5.1123	0.34082
1389	ALL		368230	3858915	5.95E-06	30YrCancerDerived_InhSoilDermMMilk	5.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.9453	0.396353333
1390	ALL		368230	3858940	7.39E-06	30YrCancerDerived_InhSoilDermMMilk	7.39E-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	7.3877	0.492513333
1391	ALL		368230	3859365	1.15E-05	30YrCancerDerived_InhSoilDermMMilk	1.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.549	0.769933333
1392	ALL		368230	3859390	7.67E-06	30YrCancerDerived_InhSoilDermMMilk	7.67E-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	7.6688	0.511253333
1393	ALL		368230	3859415	5.52E-06	30YrCancerDerived_InhSoilDermMMilk	5.52E-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	5.5242	0.36828
1394	ALL		368230	3859440	4.09E-06	30YrCancerDerived_InhSoilDermMMilk	4.09E-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	4.0939	0.272926667
1395	ALL		368230	3859465	3.16E-06	30YrCancerDerived_InhSoilDermMMilk	3.16E-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	3.1593	0.21062
1396	ALL		368230	3859490	2.53E-06	30YrCancerDerived_InhSoilDermMMilk	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.5342	0.168946667
1397	ALL		368230	3859515	2.12E-06	30YrCancerDerived_InhSoilDermMMilk	2.12E-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	2.1191	0.141273333
1398	ALL		368230	3859540	1.79E-06	30YrCancerDerived_InhSoilDermMMilk	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7877	0.11918
1399	ALL		368230	3859565	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5344	0.102293333
1400	ALL		368230	3859590	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3469	0.089793333
1401	ALL		368230	3859615	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1968	0.079786667
1402	ALL		368230	3859640	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0661	0.071073333
1403	ALL		368230	3859665	9.69E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9694	0.064628
1404	ALL		368230	3859690	8.75E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.875	0.05833
1405	ALL		368230	3859715	7.95E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7947	0.052978
1406	ALL		368230	3859740	7.26E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7258	0.048389333
1407	ALL		368230	3859765	6.66E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6658	0.044388
1408	ALL		368230	3859790	6.13E-07	30YrCancerDerived_InhSoilDermMMilk	6.13E-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	0.6128	0.040854
1409	ALL		368230	3859815	5.66E-07	30YrCancerDerived_InhSoilDermMMilk	5.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5659	0.037728667
1410	ALL		368230	3859840	5.24E-07	30YrCancerDerived_InhSoilDermMMilk	5.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5244	0.034957333
1411	ALL		368230	3859865	4.94E-07	30YrCancerDerived_InhSoilDermMMilk	4.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4939	0.032926
1412	ALL		368255	3858265	7.26E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7261	0.048406667
1413	ALL		368255	3858290	7.64E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7645	0.050964667
1414	ALL		368255	3858315	8.08E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8079	0.053858667
1415	ALL		368255	3858340	8.52E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8521	0.056809333
1416	ALL		368255	3858365	9.03E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9029	0.060191333
1417	ALL		368255	3858390	9.57E-07	30YrCancerDerived_InhSoilDermMMilk	9.57E-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	0.9571	0.063808667
1418	ALL		368255	3858415	1.02E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0159	0.067726667
1419	ALL		368255	3858440	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0821	0.07214
1420	ALL		368255	3858465	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1553	0.07702
1421	ALL		368255	3858490	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.231	0.082066667
1422	ALL		368255	3858515	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3169	0.087793333
1423	ALL		368255	3858540	1.41E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.4092	0.093946667
1424	ALL		368255	3858565	1.51E-06	30YrCancerDerived_InhSoilDermMMilk	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5106	0.100706667
1425	ALL		368255	3858590	1.63E-06	30YrCancerDerived_InhSoilDermMMilk	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.6267	0.108446667
1426	ALL		368255	3858615	1.75E-06	30YrCancerDerived_InhSoilDermMMilk	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7505	0.1167
1427	ALL		368255	3858640	1.89E-06	30YrCancerDerived_InhSoilDermMMilk	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.893	0.1262
1428	ALL		368255	3858665	2.06E-06	30YrCancerDerived_InhSoilDermMMilk	2.06E-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	2.0632	0.137546667
1429	ALL		368255	3858690	2.26E-06	30YrCancerDerived_InhSoilDermMMilk	2.26E-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	2.2551	0.15034
1430	ALL		368255	3858715	2.47E-06	30YrCancerDerived_InhSoilDermMMilk	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.4699	0.16466
1431	ALL		368255	3858740	2.71E-06	30YrCancerDerived_InhSoilDermMMilk	2.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
1465	ALL		368280	3858365	9.13E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9127	0.060849333
1466	ALL		368280	3858390	9.68E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9679	0.064527333
1467	ALL		368280	3858415	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0277	0.068513333
1468	ALL		368280	3858440	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0959	0.07306
1469	ALL		368280	3858465	1.17E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1705	0.078033333
1470	ALL		368280	3858490	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.247	0.083133333
1471	ALL		368280	3858515	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.335	0.089
1472	ALL		368280	3858540	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.4299	0.095326667
1473	ALL		368280	3858565	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5347	0.102313333
1474	ALL		368280	3858590	1.66E-06	30YrCancerDerived_InhSoilDermMMilk	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.6562	0.110413333
1475	ALL		368280	3858615	1.79E-06	30YrCancerDerived_InhSoilDermMMilk	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.788	0.1192
1476	ALL		368280	3858640	1.95E-06	30YrCancerDerived_InhSoilDermMMilk	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.9464	0.12976
1477	ALL		368280	3858665	2.13E-06	30YrCancerDerived_InhSoilDermMMilk	2.13E-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	2.1259	0.141726667
1478	ALL		368280	3858690	2.33E-06	30YrCancerDerived_InhSoilDermMMilk	2.33E-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	2.3305	0.155366667
1479	ALL		368280	3858715	2.56E-06	30YrCancerDerived_InhSoilDermMMilk	2.56E-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	2.556	0.1704
1480	ALL		368280	3858740	2.80E-06	30YrCancerDerived_InhSoilDermMMilk	2.80E-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	2.7954	0.18636
1481	ALL		368280	3858765	3.06E-06	30YrCancerDerived_InhSoilDermMMilk	3.06E-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	3.0595	0.203966667
1482	ALL		368280	3858790	3.32E-06	30YrCancerDerived_InhSoilDermMMilk	3.32E-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	3.3189	0.22126
1483	ALL		368280	3858815	3.61E-06	30YrCancerDerived_InhSoilDermMMilk	3.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.6109	0.240726667
1484	ALL		368280	3858840	3.92E-06	30YrCancerDerived_InhSoilDermMMilk	3.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.922	0.261466667
1485	ALL		368280	3858865	4.26E-06	30YrCancerDerived_InhSoilDermMMilk	4.26E-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	4.2646	0.284306667
1486	ALL		368280	3858890	4.68E-06	30YrCancerDerived_InhSoilDermMMilk	4.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.675	0.311666667
1487	ALL		368280	3858915	5.17E-06	30YrCancerDerived_InhSoilDermMMilk	5.17E-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	5.173	0.344866667
1488	ALL		368280	3858940	5.88E-06	30YrCancerDerived_InhSoilDermMMilk	5.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.8758	0.39172
1489	ALL		368280	3858965	7.04E-06	30YrCancerDerived_InhSoilDermMMilk	7.04E-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	7.0377	0.46918
1490	ALL		368280	3858990	8.60E-06	30YrCancerDerived_InhSoilDermMMilk	8.60E-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	8.5978	0.573186667
1491	ALL		368280	3859015	1.04E-05	30YrCancerDerived_InhSoilDermMMilk	1.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.444	0.696266667
1492	ALL		368280	3859040	1.22E-05	30YrCancerDerived_InhSoilDermMMilk	1.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.167	0.811133333
1493	ALL		368280	3859065	1.33E-05	30YrCancerDerived_InhSoilDermMMilk	1.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.338	0.8892
1494	ALL		368280	3859090	1.45E-05	30YrCancerDerived_InhSoilDermMMilk	1.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	14.461	0.964066667
1495	ALL		368280	3859115	1.52E-05	30YrCancerDerived_InhSoilDermMMilk	1.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	15.23	1.015333333
1496	ALL		368280	3859140	1.59E-05	30YrCancerDerived_InhSoilDermMMilk	1.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	15.857	1.057133333
1497	ALL		368280	3859165	1.64E-05	30YrCancerDerived_InhSoilDermMMilk	1.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	16.439	1.095933333
1498	ALL		368280	3859190	1.69E-05	30YrCancerDerived_InhSoilDermMMilk	1.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	16.89	1.126
1499	ALL		368280	3859215	1.75E-05	30YrCancerDerived_InhSoilDermMMilk	1.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	17.47	1.164666667
1500	ALL		368280	3859240	1.85E-05	30YrCancerDerived_InhSoilDermMMilk	1.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	18.471	1.2314
1501	ALL		368280	3859365	1.22E-05	30YrCancerDerived_InhSoilDermMMilk	1.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.224	0.814933333
1502	ALL		368280	3859390	8.62E-06	30YrCancerDerived_InhSoilDermMMilk	8.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.6177	0.574513333
1503	ALL		368280	3859415	6.38E-06	30YrCancerDerived_InhSoilDermMMilk	6.38E-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	6.3754	0.425026667
1504	ALL		368280	3859440	4.89E-06	30YrCancerDerived_InhSoilDermMMilk	4.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.8943	0.326286667
1505	ALL		368280	3859465	3.83E-06	30YrCancerDerived_InhSoilDermMMilk	3.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.8265	0.2551
1506	ALL		368280	3859490	3.07E-06	30YrCancerDerived_InhSoilDermMMilk	3.07E-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	3.0682	0.204546667
1507	ALL		368280	3859515	2.50E-06	30YrCancerDerived_InhSoilDermMMilk	2.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.504	0.166933333
1508	ALL		368280	3859540	2.08E-06	30YrCancerDerived_InhSoilDermMMilk	2.08E-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	2.0836	0.138906667
1509	ALL		368280	3859565	1.78E-06	30YrCancerDerived_InhSoilDermMMilk	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7774	0.118493333
1510	ALL		368280	3859590	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.5373	0.102486667
1511	ALL		368280	3859615	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3461	0.08974
1512	ALL		368280	3859640	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.193	0.079533333
1513	ALL		368280	3859665	1.05E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0537	0.070246667
1514	ALL		368280	3859690	9.40E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9398	0.062653333
1515	ALL		368280	3859715	8.47E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8473	0.056486667
1516	ALL		368280	3859740	7.76E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7763	0.051753333
1517	ALL		368280	3859765	7.18E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7184	0.047892
1518	ALL		368280	3859790	6.63E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6632	0.044214
1519	ALL		368280	3859815	6.03E-07	30YrCancerDerived_InhSoilDermMMilk	6.03E-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	0.6028	0.040186667
1520	ALL		368280	3859840	5.71E-07	30YrCancerDerived_InhSoilDermMMilk	5.71E-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	0.5715	0.038099333
1521	ALL		368280	3859865	5.34E-07	30YrCancerDerived_InhSoilDermMMilk	5.34E-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	0.5342	0.035610667
1522	ALL		368305	3858265	7.36E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7361	0.049073333
1523	ALL		368305	3858290	7.76E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.776	0.051736
1524	ALL		368305	3858315	8.22E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.822	0.0548
1525	ALL		368305	3858340	8.68E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8685	0.057898667
1526	ALL		368305	3858365	9.22E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9216	0.061442
1527	ALL		368305	3858390	9.78E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9781	0.065207333
1528	ALL		368305	3858415	1.04E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0394	0.069293333
1529	ALL		368305	3858440	1.11E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1088	0.07392
1530	ALL		368305	3858465	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1825	0.078833333
1531	ALL		368305	3858490	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2636	0.08424
1532	ALL		368305	3858515	1.36E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.355	0.090333333
1533	ALL		368305	3858540	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.4534	0.096893333
1534	ALL		368305	3858565	1.56E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.5635	0.104233333
1535	ALL		368305	3858590	1.69E-06	30YrCancerDerived_InhSoilDermMMilk	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.6926	0.11284
1536	ALL		368305	3858615	1.83E-06	30YrCancerDerived_InhSoilDermMMilk	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8346	0.122306667
1537	ALL		368305	3858640	2.00E-06	30YrCancerDerived_InhSoilDermMMilk	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	2.0037	0.13358
1538	ALL		368305	3858665	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.1991	0.146606667
1539	ALL		368305	3858690	2.42E-06	30YrCancerDerived_InhSoilDermMMilk	2.42E-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	2.4228	0.16152
1540	ALL		368305	3858715	2.66E-06	30YrCancerDerived_InhSoilDermMMilk	2.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.6645	0.177633333
1541	ALL		368305	3858740	2.91E-06	30YrCancerDerived_InhSoilDermMMilk	2.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.9097	0.19398
1542	ALL		368305	3858765	3.18E-06	30YrCancerDerived_InhSoilDermMMilk	3.18E-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	3.1763	0.211753333
1543	ALL		368305	3858790	3.43E-06	30YrCancerDerived_InhSoilDermMMilk	3.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.4293	0.22862
1544	ALL		368305	3858815	3.71E-06	30YrCancerDerived_InhSoilDermMMilk	3.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.7064	0.247093333
1545	ALL		368305	3858840	3.99E-06	30YrCancerDerived_InhSoilDermMMilk	3.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.9862	0.265746667
1546	ALL		368305	3858865	4.29E-06	30YrCancerDerived_InhSoilDermMMilk	4.29E-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	4.286	0.285733333
1547	ALL		368305	3858890	4.65E-06	30YrCancerDerived_InhSoilDermMMilk	4.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.6467	0.30978
1548	ALL		368305	3858915	5.07E-06	30YrCancerDerived_InhSoilDermMMilk	5.07E-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	5.0673	0.33782
1549	ALL		368305	3858940	5.64E-06	30YrCancerDerived_InhSoilDermMMilk	5.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.6442	0.37628
1550	ALL		368305	3858965	6.47E-06	30YrCancerDerived_InhSoilDermMMilk	6.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.466	0.431066667
1551	ALL		368305	3858990	7.42E-06	30YrCancerDerived_InhSoilDermMMilk	7.42E-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	7.4209	0.494726667
1552	ALL		368305	3859015	8.54E-06	30YrCancerDerived_InhSoilDermMMilk	8.54E-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	8.5414	0.569426667
1553	ALL		368305	3859040	9.77E-06	30YrCancerDerived_InhSoilDermMMilk	9.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
1587	ALL		368330	3858365	9.29E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.929	0.061934667
1588	ALL		368330	3858390	9.87E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9868	0.065787333
1589	ALL		368330	3858415	1.05E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0496	0.069973333
1590	ALL		368330	3858440	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1204	0.074693333
1591	ALL		368330	3858465	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1938	0.079586667
1592	ALL		368330	3858490	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2799	0.085326667
1593	ALL		368330	3858515	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3756	0.091706667
1594	ALL		368330	3858540	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.4791	0.098606667
1595	ALL		368330	3858565	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.5963	0.10642
1596	ALL		368330	3858590	1.74E-06	30YrCancerDerived_InhSoilDermMMilk	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7351	0.115673333
1597	ALL		368330	3858615	1.89E-06	30YrCancerDerived_InhSoilDermMMilk	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8894	0.12596
1598	ALL		368330	3858640	2.07E-06	30YrCancerDerived_InhSoilDermMMilk	2.07E-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	2.069	0.137933333
1599	ALL		368330	3858665	2.29E-06	30YrCancerDerived_InhSoilDermMMilk	2.29E-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	2.2852	0.152346667
1600	ALL		368330	3858690	2.53E-06	30YrCancerDerived_InhSoilDermMMilk	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.5305	0.1687
1601	ALL		368330	3858715	2.79E-06	30YrCancerDerived_InhSoilDermMMilk	2.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.7939	0.18626
1602	ALL		368330	3858740	3.07E-06	30YrCancerDerived_InhSoilDermMMilk	3.07E-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	3.0652	0.204346667
1603	ALL		368330	3858765	3.35E-06	30YrCancerDerived_InhSoilDermMMilk	3.35E-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	3.3467	0.223113333
1604	ALL		368330	3858790	3.60E-06	30YrCancerDerived_InhSoilDermMMilk	3.60E-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	3.6047	0.240313333
1605	ALL		368330	3858815	3.88E-06	30YrCancerDerived_InhSoilDermMMilk	3.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.8789	0.258593333
1606	ALL		368330	3858840	4.15E-06	30YrCancerDerived_InhSoilDermMMilk	4.15E-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	4.1451	0.27634
1607	ALL		368330	3858865	4.42E-06	30YrCancerDerived_InhSoilDermMMilk	4.42E-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	4.4213	0.294753333
1608	ALL		368330	3858890	4.75E-06	30YrCancerDerived_InhSoilDermMMilk	4.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.7489	0.316593333
1609	ALL		368330	3858915	5.12E-06	30YrCancerDerived_InhSoilDermMMilk	5.12E-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	5.1204	0.34136
1610	ALL		368330	3858940	5.61E-06	30YrCancerDerived_InhSoilDermMMilk	5.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.6119	0.374126667
1611	ALL		368330	3858965	6.22E-06	30YrCancerDerived_InhSoilDermMMilk	6.22E-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	6.2164	0.414426667
1612	ALL		368330	3858990	6.88E-06	30YrCancerDerived_InhSoilDermMMilk	6.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.8804	0.458693333
1613	ALL		368330	3859015	7.62E-06	30YrCancerDerived_InhSoilDermMMilk	7.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.6218	0.50812
1614	ALL		368330	3859040	8.45E-06	30YrCancerDerived_InhSoilDermMMilk	8.45E-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	8.4514	0.563426667
1615	ALL		368330	3859065	9.25E-06	30YrCancerDerived_InhSoilDermMMilk	9.25E-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	9.2537	0.616913333
1616	ALL		368330	3859090	9.99E-06	30YrCancerDerived_InhSoilDermMMilk	9.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.9864	0.66576
1617	ALL		368330	3859115	1.06E-05	30YrCancerDerived_InhSoilDermMMilk	1.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.622	0.708133333
1618	ALL		368330	3859140	1.11E-05	30YrCancerDerived_InhSoilDermMMilk	1.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.14	0.742666667
1619	ALL		368330	3859165	1.16E-05	30YrCancerDerived_InhSoilDermMMilk	1.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.623	0.774866667
1620	ALL		368330	3859190	1.22E-05	30YrCancerDerived_InhSoilDermMMilk	1.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.15	0.81
1621	ALL		368330	3859215	1.29E-05	30YrCancerDerived_InhSoilDermMMilk	1.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.923	0.861533333
1622	ALL		368330	3859240	1.42E-05	30YrCancerDerived_InhSoilDermMMilk	1.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	14.241	0.9494
1623	ALL		368330	3859365	1.27E-05	30YrCancerDerived_InhSoilDermMMilk	1.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.679	0.845266667
1624	ALL		368330	3859390	9.09E-06	30YrCancerDerived_InhSoilDermMMilk	9.09E-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	9.0885	0.6059
1625	ALL		368330	3859415	6.97E-06	30YrCancerDerived_InhSoilDermMMilk	6.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.9719	0.464793333
1626	ALL		368330	3859440	5.51E-06	30YrCancerDerived_InhSoilDermMMilk	5.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.5082	0.367213333
1627	ALL		368330	3859465	4.42E-06	30YrCancerDerived_InhSoilDermMMilk	4.42E-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	4.4192	0.294613333
1628	ALL		368330	3859490	3.55E-06	30YrCancerDerived_InhSoilDermMMilk	3.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.5519	0.236793333
1629	ALL		368330	3859515	2.91E-06	30YrCancerDerived_InhSoilDermMMilk	2.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.9116	0.194106667
1630	ALL		368330	3859540	2.43E-06	30YrCancerDerived_InhSoilDermMMilk	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.4285	0.1619
1631	ALL		368330	3859565	2.06E-06	30YrCancerDerived_InhSoilDermMMilk	2.06E-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	2.0583	0.13722
1632	ALL		368330	3859590	1.76E-06	30YrCancerDerived_InhSoilDermMMilk	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7593	0.117286667
1633	ALL		368330	3859615	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.5157	0.101046667
1634	ALL		368330	3859640	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3221	0.08814
1635	ALL		368330	3859665	1.17E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1707	0.078046667
1636	ALL		368330	3859690	1.05E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0509	0.07006
1637	ALL		368330	3859715	9.48E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9478	0.063185333
1638	ALL		368330	3859740	8.57E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8568	0.057122667
1639	ALL		368330	3859765	7.86E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7862	0.052412
1640	ALL		368330	3859790	7.36E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7357	0.049047333
1641	ALL		368330	3859815	6.80E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.68	0.045334
1642	ALL		368330	3859840	6.28E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6282	0.041878
1643	ALL		368330	3859865	5.77E-07	30YrCancerDerived_InhSoilDermMMilk	5.77E-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	0.577	0.038465333
1644	ALL		368355	3858265	7.42E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7422	0.049478667
1645	ALL		368355	3858290	7.83E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7834	0.052224
1646	ALL		368355	3858315	8.31E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8309	0.055392667
1647	ALL		368355	3858340	8.79E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8791	0.058604667
1648	ALL		368355	3858365	9.34E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9339	0.062256667
1649	ALL		368355	3858390	9.93E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.993	0.066196667
1650	ALL		368355	3858415	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0574	0.070493333
1651	ALL		368355	3858440	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1294	0.075293333
1652	ALL		368355	3858465	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2061	0.080406667
1653	ALL		368355	3858490	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2954	0.08636
1654	ALL		368355	3858515	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3949	0.092993333
1655	ALL		368355	3858540	1.50E-06	30YrCancerDerived_InhSoilDermMMilk	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5049	0.100326667
1656	ALL		368355	3858565	1.63E-06	30YrCancerDerived_InhSoilDermMMilk	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.6311	0.10874
1657	ALL		368355	3858590	1.78E-06	30YrCancerDerived_InhSoilDermMMilk	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7806	0.118706667
1658	ALL		368355	3858615	1.95E-06	30YrCancerDerived_InhSoilDermMMilk	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.9512	0.13008
1659	ALL		368355	3858640	2.15E-06	30YrCancerDerived_InhSoilDermMMilk	2.15E-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	2.1491	0.143273333
1660	ALL		368355	3858665	2.39E-06	30YrCancerDerived_InhSoilDermMMilk	2.39E-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	2.3891	0.159273333
1661	ALL		368355	3858690	2.66E-06	30YrCancerDerived_InhSoilDermMMilk	2.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.6589	0.17726
1662	ALL		368355	3858715	2.96E-06	30YrCancerDerived_InhSoilDermMMilk	2.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.955	0.197
1663	ALL		368355	3858740	3.28E-06	30YrCancerDerived_InhSoilDermMMilk	3.28E-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	3.2753	0.218353333
1664	ALL		368355	3858765	3.59E-06	30YrCancerDerived_InhSoilDermMMilk	3.59E-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	3.5903	0.239353333
1665	ALL		368355	3858790	3.87E-06	30YrCancerDerived_InhSoilDermMMilk	3.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.8681	0.257873333
1666	ALL		368355	3858815	4.15E-06	30YrCancerDerived_InhSoilDermMMilk	4.15E-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	4.1484	0.27656
1667	ALL		368355	3858840	4.41E-06	30YrCancerDerived_InhSoilDermMMilk	4.41E-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	4.4131	0.294206667
1668	ALL		368355	3858865	4.68E-06	30YrCancerDerived_InhSoilDermMMilk	4.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.6834	0.312226667
1669	ALL		368355	3858890	4.99E-06	30YrCancerDerived_InhSoilDermMMilk	4.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.9942	0.332946667
1670	ALL		368355	3858915	5.33E-06	30YrCancerDerived_InhSoilDermMMilk	5.33E-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	5.3275	0.355166667
1671	ALL		368355	3858940	5.76E-06	30YrCancerDerived_InhSoilDermMMilk	5.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.7647	0.384313333
1672	ALL		368355	3858965	6.22E-06	30YrCancerDerived_InhSoilDermMMilk	6.22E-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	6.2211	0.41474
1673	ALL		368355	3858990	6.72E-06	30YrCancerDerived_InhSoilDermMMilk	6.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.719	0.447933333
1674	ALL		368355	3859015	7.25E-06	30YrCancerDerived_InhSoilDermMMilk	7.25E-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	7.2535	0.483566667
1675	ALL		368355	3859040	7.82E-06	30YrCancerDerived_InhSoilDermMMilk	7.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
1709	ALL		368380	3858365	9.34E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9343	0.062287333
1710	ALL		368380	3858390	9.95E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9947	0.066314667
1711	ALL		368380	3858415	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0614	0.07076
1712	ALL		368380	3858440	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1325	0.0755
1713	ALL		368380	3858465	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2154	0.081026667
1714	ALL		368380	3858490	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3086	0.08724
1715	ALL		368380	3858515	1.41E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.4092	0.093946667
1716	ALL		368380	3858540	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5269	0.101793333
1717	ALL		368380	3858565	1.66E-06	30YrCancerDerived_InhSoilDermMMilk	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.6646	0.110973333
1718	ALL		368380	3858590	1.82E-06	30YrCancerDerived_InhSoilDermMMilk	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8224	0.121493333
1719	ALL		368380	3858615	2.02E-06	30YrCancerDerived_InhSoilDermMMilk	2.02E-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	2.0175	0.1345
1720	ALL		368380	3858640	2.24E-06	30YrCancerDerived_InhSoilDermMMilk	2.24E-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	2.2382	0.149213333
1721	ALL		368380	3858665	2.51E-06	30YrCancerDerived_InhSoilDermMMilk	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.5085	0.167233333
1722	ALL		368380	3858690	2.82E-06	30YrCancerDerived_InhSoilDermMMilk	2.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.8195	0.187966667
1723	ALL		368380	3858715	3.17E-06	30YrCancerDerived_InhSoilDermMMilk	3.17E-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	3.1709	0.211393333
1724	ALL		368380	3858740	3.56E-06	30YrCancerDerived_InhSoilDermMMilk	3.56E-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	3.5601	0.23734
1725	ALL		368380	3858765	3.94E-06	30YrCancerDerived_InhSoilDermMMilk	3.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.9394	0.262626667
1726	ALL		368380	3858790	4.26E-06	30YrCancerDerived_InhSoilDermMMilk	4.26E-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	4.26	0.284
1727	ALL		368380	3858815	4.54E-06	30YrCancerDerived_InhSoilDermMMilk	4.54E-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	4.5428	0.302853333
1728	ALL		368380	3858840	4.82E-06	30YrCancerDerived_InhSoilDermMMilk	4.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.8201	0.32134
1729	ALL		368380	3858865	5.11E-06	30YrCancerDerived_InhSoilDermMMilk	5.11E-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	5.1129	0.34086
1730	ALL		368380	3858890	5.42E-06	30YrCancerDerived_InhSoilDermMMilk	5.42E-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	5.4182	0.361213333
1731	ALL		368380	3858915	5.72E-06	30YrCancerDerived_InhSoilDermMMilk	5.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.7214	0.381426667
1732	ALL		368380	3858940	6.10E-06	30YrCancerDerived_InhSoilDermMMilk	6.10E-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	6.1009	0.406726667
1733	ALL		368380	3858965	6.47E-06	30YrCancerDerived_InhSoilDermMMilk	6.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.467	0.431133333
1734	ALL		368380	3858990	6.86E-06	30YrCancerDerived_InhSoilDermMMilk	6.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.8565	0.4571
1735	ALL		368380	3859015	7.26E-06	30YrCancerDerived_InhSoilDermMMilk	7.26E-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	7.2594	0.48396
1736	ALL		368380	3859040	7.67E-06	30YrCancerDerived_InhSoilDermMMilk	7.67E-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	7.6674	0.51116
1737	ALL		368380	3859065	8.14E-06	30YrCancerDerived_InhSoilDermMMilk	8.14E-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	8.1431	0.542873333
1738	ALL		368380	3859090	8.59E-06	30YrCancerDerived_InhSoilDermMMilk	8.59E-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	8.5869	0.57246
1739	ALL		368380	3859115	9.04E-06	30YrCancerDerived_InhSoilDermMMilk	9.04E-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	9.0432	0.60288
1740	ALL		368380	3859140	9.47E-06	30YrCancerDerived_InhSoilDermMMilk	9.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.4664	0.631093333
1741	ALL		368380	3859165	9.89E-06	30YrCancerDerived_InhSoilDermMMilk	9.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.8946	0.65964
1742	ALL		368380	3859190	1.04E-05	30YrCancerDerived_InhSoilDermMMilk	1.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.395	0.693
1743	ALL		368380	3859215	1.12E-05	30YrCancerDerived_InhSoilDermMMilk	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.183	0.745533333
1744	ALL		368380	3859240	1.27E-05	30YrCancerDerived_InhSoilDermMMilk	1.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.664	0.844266667
1745	ALL		368380	3859365	1.21E-05	30YrCancerDerived_InhSoilDermMMilk	1.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.138	0.8092
1746	ALL		368380	3859390	9.18E-06	30YrCancerDerived_InhSoilDermMMilk	9.18E-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	9.1816	0.612106667
1747	ALL		368380	3859415	7.25E-06	30YrCancerDerived_InhSoilDermMMilk	7.25E-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	7.2503	0.483353333
1748	ALL		368380	3859440	5.89E-06	30YrCancerDerived_InhSoilDermMMilk	5.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.8942	0.392946667
1749	ALL		368380	3859465	4.85E-06	30YrCancerDerived_InhSoilDermMMilk	4.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.8549	0.32366
1750	ALL		368380	3859490	3.98E-06	30YrCancerDerived_InhSoilDermMMilk	3.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.9798	0.26532
1751	ALL		368380	3859515	3.34E-06	30YrCancerDerived_InhSoilDermMMilk	3.34E-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	3.3411	0.22274
1752	ALL		368380	3859540	2.79E-06	30YrCancerDerived_InhSoilDermMMilk	2.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.7937	0.186246667
1753	ALL		368380	3859565	2.35E-06	30YrCancerDerived_InhSoilDermMMilk	2.35E-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	2.3538	0.15692
1754	ALL		368380	3859590	2.00E-06	30YrCancerDerived_InhSoilDermMMilk	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	2.0012	0.133413333
1755	ALL		368380	3859615	1.73E-06	30YrCancerDerived_InhSoilDermMMilk	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7266	0.115106667
1756	ALL		368380	3859640	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.5174	0.10116
1757	ALL		368380	3859665	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3473	0.08982
1758	ALL		368380	3859690	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2066	0.08044
1759	ALL		368380	3859715	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0784	0.071893333
1760	ALL		368380	3859740	9.74E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9744	0.064958667
1761	ALL		368380	3859765	8.90E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8905	0.059363333
1762	ALL		368380	3859790	8.16E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.816	0.054399333
1763	ALL		368380	3859815	7.43E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.743	0.049530667
1764	ALL		368380	3859840	6.79E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6786	0.045242667
1765	ALL		368380	3859865	6.22E-07	30YrCancerDerived_InhSoilDermMMilk	6.22E-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	0.6219	0.041459333
1766	ALL		368405	3858265	7.42E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7423	0.049483333
1767	ALL		368405	3858290	7.84E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7837	0.052246
1768	ALL		368405	3858315	8.32E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8318	0.055454
1769	ALL		368405	3858340	8.81E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8809	0.058726667
1770	ALL		368405	3858365	9.34E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9344	0.062296
1771	ALL		368405	3858390	9.96E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9955	0.066366667
1772	ALL		368405	3858415	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0647	0.07098
1773	ALL		368405	3858440	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1404	0.076026667
1774	ALL		368405	3858465	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2217	0.081446667
1775	ALL		368405	3858490	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3184	0.087893333
1776	ALL		368405	3858515	1.42E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.4245	0.094966667
1777	ALL		368405	3858540	1.55E-06	30YrCancerDerived_InhSoilDermMMilk	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55	0.103333333
1778	ALL		368405	3858565	1.70E-06	30YrCancerDerived_InhSoilDermMMilk	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.6984	0.113226667
1779	ALL		368405	3858590	1.87E-06	30YrCancerDerived_InhSoilDermMMilk	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8705	0.1247
1780	ALL		368405	3858615	2.09E-06	30YrCancerDerived_InhSoilDermMMilk	2.09E-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	2.0852	0.139013333
1781	ALL		368405	3858640	2.33E-06	30YrCancerDerived_InhSoilDermMMilk	2.33E-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	2.3324	0.155493333
1782	ALL		368405	3858665	2.64E-06	30YrCancerDerived_InhSoilDermMMilk	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.6413	0.176086667
1783	ALL		368405	3858690	3.01E-06	30YrCancerDerived_InhSoilDermMMilk	3.01E-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	3.0084	0.20056
1784	ALL		368405	3858715	3.44E-06	30YrCancerDerived_InhSoilDermMMilk	3.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.4424	0.229493333
1785	ALL		368405	3858740	3.95E-06	30YrCancerDerived_InhSoilDermMMilk	3.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.9458	0.263053333
1786	ALL		368405	3858765	4.42E-06	30YrCancerDerived_InhSoilDermMMilk	4.42E-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	4.4188	0.294586667
1787	ALL		368405	3858790	4.85E-06	30YrCancerDerived_InhSoilDermMMilk	4.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.8509	0.323393333
1788	ALL		368405	3858815	5.18E-06	30YrCancerDerived_InhSoilDermMMilk	5.18E-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	5.1809	0.345393333
1789	ALL		368405	3858840	5.48E-06	30YrCancerDerived_InhSoilDermMMilk	5.48E-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	5.483	0.365533333
1790	ALL		368405	3858865	5.78E-06	30YrCancerDerived_InhSoilDermMMilk	5.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.7799	0.385326667
1791	ALL		368405	3858890	6.06E-06	30YrCancerDerived_InhSoilDermMMilk	6.06E-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	6.0592	0.403946667
1792	ALL		368405	3858915	6.39E-06	30YrCancerDerived_InhSoilDermMMilk	6.39E-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	6.3856	0.425706667
1793	ALL		368405	3858940	6.73E-06	30YrCancerDerived_InhSoilDermMMilk	6.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.7312	0.448746667
1794	ALL		368405	3858965	7.03E-06	30YrCancerDerived_InhSoilDermMMilk	7.03E-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	7.0339	0.468926667
1795	ALL		368405	3858990	7.35E-06	30YrCancerDerived_InhSoilDermMMilk	7.35E-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	7.3524	0.49016
1796	ALL		368405	3859015	7.67E-06	30YrCancerDerived_InhSoilDermMMilk	7.67E-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	7.6718	0.511453333
1797	ALL		368405	3859040	7.97E-06	30YrCancerDerived_InhSoilDermMMilk	7.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
1831	ALL		368430	3858365	9.31E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9312	0.062082667
1832	ALL		368430	3858390	9.93E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9926	0.066174667
1833	ALL		368430	3858415	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0616	0.070773333
1834	ALL		368430	3858440	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1368	0.075786667
1835	ALL		368430	3858465	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2231	0.08154
1836	ALL		368430	3858490	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3237	0.088246667
1837	ALL		368430	3858515	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.4351	0.095673333
1838	ALL		368430	3858540	1.57E-06	30YrCancerDerived_InhSoilDermMMilk	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5683	0.104553333
1839	ALL		368430	3858565	1.73E-06	30YrCancerDerived_InhSoilDermMMilk	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7272	0.115146667
1840	ALL		368430	3858590	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.9135	0.127566667
1841	ALL		368430	3858615	2.15E-06	30YrCancerDerived_InhSoilDermMMilk	2.15E-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	2.1485	0.143233333
1842	ALL		368430	3858640	2.42E-06	30YrCancerDerived_InhSoilDermMMilk	2.42E-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	2.4247	0.161646667
1843	ALL		368430	3858665	2.78E-06	30YrCancerDerived_InhSoilDermMMilk	2.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.7789	0.18526
1844	ALL		368430	3858690	3.22E-06	30YrCancerDerived_InhSoilDermMMilk	3.22E-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	3.2186	0.214573333
1845	ALL		368430	3858715	3.77E-06	30YrCancerDerived_InhSoilDermMMilk	3.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.7731	0.25154
1846	ALL		368430	3858740	4.48E-06	30YrCancerDerived_InhSoilDermMMilk	4.48E-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	4.4809	0.298726667
1847	ALL		368430	3858765	5.22E-06	30YrCancerDerived_InhSoilDermMMilk	5.22E-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	5.2157	0.347713333
1848	ALL		368430	3858790	5.84E-06	30YrCancerDerived_InhSoilDermMMilk	5.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.836	0.389066667
1849	ALL		368430	3858815	6.24E-06	30YrCancerDerived_InhSoilDermMMilk	6.24E-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	6.2361	0.41574
1850	ALL		368430	3858840	6.58E-06	30YrCancerDerived_InhSoilDermMMilk	6.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.582	0.4388
1851	ALL		368430	3858865	6.90E-06	30YrCancerDerived_InhSoilDermMMilk	6.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.9047	0.460313333
1852	ALL		368430	3858890	7.18E-06	30YrCancerDerived_InhSoilDermMMilk	7.18E-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	7.1772	0.47848
1853	ALL		368430	3858915	7.51E-06	30YrCancerDerived_InhSoilDermMMilk	7.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.5147	0.50098
1854	ALL		368430	3858940	7.85E-06	30YrCancerDerived_InhSoilDermMMilk	7.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.8497	0.523313333
1855	ALL		368430	3858965	8.10E-06	30YrCancerDerived_InhSoilDermMMilk	8.10E-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	8.1042	0.54028
1856	ALL		368430	3858990	8.38E-06	30YrCancerDerived_InhSoilDermMMilk	8.38E-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	8.3772	0.55848
1857	ALL		368430	3859015	8.64E-06	30YrCancerDerived_InhSoilDermMMilk	8.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.6443	0.576286667
1858	ALL		368430	3859040	8.87E-06	30YrCancerDerived_InhSoilDermMMilk	8.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.8681	0.591206667
1859	ALL		368430	3859065	9.16E-06	30YrCancerDerived_InhSoilDermMMilk	9.16E-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	9.1605	0.6107
1860	ALL		368430	3859090	9.39E-06	30YrCancerDerived_InhSoilDermMMilk	9.39E-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	9.3913	0.626086667
1861	ALL		368430	3859115	9.67E-06	30YrCancerDerived_InhSoilDermMMilk	9.67E-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	9.6716	0.644773333
1862	ALL		368430	3859140	9.94E-06	30YrCancerDerived_InhSoilDermMMilk	9.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.9449	0.662993333
1863	ALL		368430	3859165	1.02E-05	30YrCancerDerived_InhSoilDermMMilk	1.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.213	0.680866667
1864	ALL		368430	3859190	1.05E-05	30YrCancerDerived_InhSoilDermMMilk	1.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.545	0.703
1865	ALL		368430	3859215	1.11E-05	30YrCancerDerived_InhSoilDermMMilk	1.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.089	0.739266667
1866	ALL		368430	3859240	1.25E-05	30YrCancerDerived_InhSoilDermMMilk	1.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.495	0.833
1867	ALL		368430	3859365	1.18E-05	30YrCancerDerived_InhSoilDermMMilk	1.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.846	0.789733333
1868	ALL		368430	3859390	9.04E-06	30YrCancerDerived_InhSoilDermMMilk	9.04E-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	9.0434	0.602893333
1869	ALL		368430	3859415	7.38E-06	30YrCancerDerived_InhSoilDermMMilk	7.38E-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	7.382	0.492133333
1870	ALL		368430	3859440	6.15E-06	30YrCancerDerived_InhSoilDermMMilk	6.15E-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	6.1491	0.40994
1871	ALL		368430	3859465	5.12E-06	30YrCancerDerived_InhSoilDermMMilk	5.12E-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	5.1235	0.341566667
1872	ALL		368430	3859490	4.33E-06	30YrCancerDerived_InhSoilDermMMilk	4.33E-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	4.3264	0.288426667
1873	ALL		368430	3859515	3.65E-06	30YrCancerDerived_InhSoilDermMMilk	3.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.6532	0.243546667
1874	ALL		368430	3859540	3.11E-06	30YrCancerDerived_InhSoilDermMMilk	3.11E-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	3.1118	0.207453333
1875	ALL		368430	3859565	2.65E-06	30YrCancerDerived_InhSoilDermMMilk	2.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.6463	0.17642
1876	ALL		368430	3859590	2.28E-06	30YrCancerDerived_InhSoilDermMMilk	2.28E-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	2.2757	0.151713333
1877	ALL		368430	3859615	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.9739	0.131593333
1878	ALL		368430	3859640	1.72E-06	30YrCancerDerived_InhSoilDermMMilk	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.717	0.114466667
1879	ALL		368430	3859665	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.5203	0.101353333
1880	ALL		368430	3859690	1.36E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3556	0.090373333
1881	ALL		368430	3859715	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2051	0.08034
1882	ALL		368430	3859740	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0817	0.072113333
1883	ALL		368430	3859765	9.81E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9811	0.065408
1884	ALL		368430	3859790	8.92E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8922	0.059476667
1885	ALL		368430	3859815	8.07E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8067	0.05378
1886	ALL		368430	3859840	7.32E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7323	0.048820667
1887	ALL		368430	3859865	6.68E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6675	0.044501333
1888	ALL		368455	3858265	7.35E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7345	0.048968667
1889	ALL		368455	3858290	7.75E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7751	0.051675333
1890	ALL		368455	3858315	8.21E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.821	0.05473
1891	ALL		368455	3858340	8.71E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8711	0.058073333
1892	ALL		368455	3858365	9.25E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9247	0.061646667
1893	ALL		368455	3858390	9.86E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.986	0.065730667
1894	ALL		368455	3858415	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0555	0.070366667
1895	ALL		368455	3858440	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1323	0.075486667
1896	ALL		368455	3858465	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2196	0.081306667
1897	ALL		368455	3858490	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3233	0.08822
1898	ALL		368455	3858515	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.4394	0.09596
1899	ALL		368455	3858540	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5793	0.105286667
1900	ALL		368455	3858565	1.75E-06	30YrCancerDerived_InhSoilDermMMilk	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7474	0.116493333
1901	ALL		368455	3858590	1.95E-06	30YrCancerDerived_InhSoilDermMMilk	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.9465	0.129766667
1902	ALL		368455	3858615	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.2003	0.146686667
1903	ALL		368455	3858640	2.50E-06	30YrCancerDerived_InhSoilDermMMilk	2.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.5046	0.166973333
1904	ALL		368455	3858665	2.91E-06	30YrCancerDerived_InhSoilDermMMilk	2.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.9055	0.1937
1905	ALL		368455	3858690	3.43E-06	30YrCancerDerived_InhSoilDermMMilk	3.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.4265	0.228433333
1906	ALL		368455	3858715	4.13E-06	30YrCancerDerived_InhSoilDermMMilk	4.13E-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	4.1294	0.275293333
1907	ALL		368455	3858740	5.15E-06	30YrCancerDerived_InhSoilDermMMilk	5.15E-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	5.1549	0.34366
1908	ALL		368455	3858840	8.71E-06	30YrCancerDerived_InhSoilDermMMilk	8.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.7136	0.580906667
1909	ALL		368455	3858865	9.06E-06	30YrCancerDerived_InhSoilDermMMilk	9.06E-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	9.057	0.6038
1910	ALL		368455	3858890	9.32E-06	30YrCancerDerived_InhSoilDermMMilk	9.32E-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	9.32	0.621333333
1911	ALL		368455	3858915	9.65E-06	30YrCancerDerived_InhSoilDermMMilk	9.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.6544	0.643626667
1912	ALL		368455	3858940	9.98E-06	30YrCancerDerived_InhSoilDermMMilk	9.98E-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	9.9844	0.665626667
1913	ALL		368455	3858965	1.02E-05	30YrCancerDerived_InhSoilDermMMilk	1.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.188	0.6792
1914	ALL		368455	3858990	1.04E-05	30YrCancerDerived_InhSoilDermMMilk	1.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.432	0.695466667
1915	ALL		368455	3859015	1.07E-05	30YrCancerDerived_InhSoilDermMMilk	1.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.675	0.711666667
1916	ALL		368455	3859040	1.08E-05	30YrCancerDerived_InhSoilDermMMilk	1.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.826	0.721733333
1917	ALL		368455	3859065	1.11E-05	30YrCancerDerived_InhSoilDermMMilk	1.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.108	0.740533333
1918	ALL		368455	3859090	1.12E-05	30YrCancerDerived_InhSoilDermMMilk	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.231	0.748733333
1919	ALL		368455	3859115	1.15E-05	30YrCancerDerived_InhSoilDermMMilk	1.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
1953	ALL		368480	3858440	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.123	0.074866667
1954	ALL		368480	3858465	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2109	0.080726667
1955	ALL		368480	3858490	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3167	0.08778
1956	ALL		368480	3858515	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.4364	0.09576
1957	ALL		368480	3858540	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5813	0.10542
1958	ALL		368480	3858565	1.76E-06	30YrCancerDerived_InhSoilDermMMilk	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7564	0.117093333
1959	ALL		368480	3858590	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.9654	0.131026667
1960	ALL		368480	3858615	2.23E-06	30YrCancerDerived_InhSoilDermMMilk	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.2343	0.148953333
1961	ALL		368480	3858640	2.56E-06	30YrCancerDerived_InhSoilDermMMilk	2.56E-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	2.5617	0.17078
1962	ALL		368480	3858665	3.00E-06	30YrCancerDerived_InhSoilDermMMilk	3.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.0026	0.200173333
1963	ALL		368480	3858690	3.60E-06	30YrCancerDerived_InhSoilDermMMilk	3.60E-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	3.5963	0.239753333
1964	ALL		368480	3858715	4.44E-06	30YrCancerDerived_InhSoilDermMMilk	4.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.4395	0.295966667
1965	ALL		368480	3858740	5.81E-06	30YrCancerDerived_InhSoilDermMMilk	5.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.814	0.3876
1966	ALL		368480	3859365	1.16E-05	30YrCancerDerived_InhSoilDermMMilk	1.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.632	0.775466667
1967	ALL		368480	3859390	9.15E-06	30YrCancerDerived_InhSoilDermMMilk	9.15E-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	9.1525	0.610166667
1968	ALL		368480	3859415	7.62E-06	30YrCancerDerived_InhSoilDermMMilk	7.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.6216	0.508106667
1969	ALL		368480	3859440	6.41E-06	30YrCancerDerived_InhSoilDermMMilk	6.41E-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	6.4101	0.42734
1970	ALL		368480	3859465	5.46E-06	30YrCancerDerived_InhSoilDermMMilk	5.46E-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	5.4637	0.364246667
1971	ALL		368480	3859490	4.69E-06	30YrCancerDerived_InhSoilDermMMilk	4.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.6903	0.312686667
1972	ALL		368480	3859515	3.99E-06	30YrCancerDerived_InhSoilDermMMilk	3.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.9859	0.265726667
1973	ALL		368480	3859540	3.44E-06	30YrCancerDerived_InhSoilDermMMilk	3.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.4376	0.229173333
1974	ALL		368480	3859565	2.95E-06	30YrCancerDerived_InhSoilDermMMilk	2.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.9473	0.196486667
1975	ALL		368480	3859590	2.55E-06	30YrCancerDerived_InhSoilDermMMilk	2.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.5515	0.1701
1976	ALL		368480	3859615	2.23E-06	30YrCancerDerived_InhSoilDermMMilk	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.2288	0.148586667
1977	ALL		368480	3859640	1.95E-06	30YrCancerDerived_InhSoilDermMMilk	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.9495	0.129966667
1978	ALL		368480	3859665	1.72E-06	30YrCancerDerived_InhSoilDermMMilk	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7179	0.114526667
1979	ALL		368480	3859690	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5267	0.10178
1980	ALL		368480	3859715	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3503	0.09002
1981	ALL		368480	3859740	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2045	0.0803
1982	ALL		368480	3859765	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0853	0.072353333
1983	ALL		368480	3859790	9.81E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9807	0.065382
1984	ALL		368480	3859815	8.82E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8821	0.058805333
1985	ALL		368480	3859840	7.97E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7969	0.053126667
1986	ALL		368480	3859865	7.23E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7232	0.048214667
1987	ALL		368505	3858265	7.19E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.719	0.047931333
1988	ALL		368505	3858290	7.58E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.758	0.050533333
1989	ALL		368505	3858315	8.01E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8012	0.053414
1990	ALL		368505	3858340	8.54E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8544	0.056957333
1991	ALL		368505	3858365	9.08E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.908	0.060531333
1992	ALL		368505	3858390	9.66E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.966	0.064396667
1993	ALL		368505	3858415	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0315	0.068766667
1994	ALL		368505	3858440	1.11E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1075	0.073833333
1995	ALL		368505	3858465	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.198	0.079866667
1996	ALL		368505	3858490	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3039	0.086926667
1997	ALL		368505	3858515	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.426	0.095066667
1998	ALL		368505	3858540	1.57E-06	30YrCancerDerived_InhSoilDermMMilk	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5743	0.104953333
1999	ALL		368505	3858565	1.75E-06	30YrCancerDerived_InhSoilDermMMilk	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7536	0.116906667
2000	ALL		368505	3858590	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.9688	0.131253333
2001	ALL		368505	3858615	2.25E-06	30YrCancerDerived_InhSoilDermMMilk	2.25E-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	2.2473	0.14982
2002	ALL		368505	3858640	2.59E-06	30YrCancerDerived_InhSoilDermMMilk	2.59E-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	2.5904	0.172693333
2003	ALL		368505	3858665	3.06E-06	30YrCancerDerived_InhSoilDermMMilk	3.06E-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	3.056	0.203733333
2004	ALL		368505	3858690	3.70E-06	30YrCancerDerived_InhSoilDermMMilk	3.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.6995	0.246633333
2005	ALL		368505	3858715	4.64E-06	30YrCancerDerived_InhSoilDermMMilk	4.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.6427	0.309513333
2006	ALL		368505	3858740	6.22E-06	30YrCancerDerived_InhSoilDermMMilk	6.22E-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	6.2241	0.41494
2007	ALL		368505	3859365	1.20E-05	30YrCancerDerived_InhSoilDermMMilk	1.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.022	0.801466667
2008	ALL		368505	3859390	9.44E-06	30YrCancerDerived_InhSoilDermMMilk	9.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.438	0.6292
2009	ALL		368505	3859415	7.89E-06	30YrCancerDerived_InhSoilDermMMilk	7.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.8901	0.526006667
2010	ALL		368505	3859440	6.68E-06	30YrCancerDerived_InhSoilDermMMilk	6.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.6785	0.445233333
2011	ALL		368505	3859465	5.73E-06	30YrCancerDerived_InhSoilDermMMilk	5.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.7297	0.38198
2012	ALL		368505	3859490	4.94E-06	30YrCancerDerived_InhSoilDermMMilk	4.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.937	0.329133333
2013	ALL		368505	3859515	4.19E-06	30YrCancerDerived_InhSoilDermMMilk	4.19E-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	4.192	0.279466667
2014	ALL		368505	3859540	3.61E-06	30YrCancerDerived_InhSoilDermMMilk	3.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.6132	0.24088
2015	ALL		368505	3859565	3.10E-06	30YrCancerDerived_InhSoilDermMMilk	3.10E-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	3.1048	0.206986667
2016	ALL		368505	3859590	2.69E-06	30YrCancerDerived_InhSoilDermMMilk	2.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.6939	0.179593333
2017	ALL		368505	3859615	2.36E-06	30YrCancerDerived_InhSoilDermMMilk	2.36E-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	2.362	0.157466667
2018	ALL		368505	3859640	2.08E-06	30YrCancerDerived_InhSoilDermMMilk	2.08E-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	2.0782	0.138546667
2019	ALL		368505	3859665	1.82E-06	30YrCancerDerived_InhSoilDermMMilk	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8168	0.12112
2020	ALL		368505	3859690	1.61E-06	30YrCancerDerived_InhSoilDermMMilk	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.6115	0.107433333
2021	ALL		368505	3859715	1.42E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.4228	0.094853333
2022	ALL		368505	3859740	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2669	0.08446
2023	ALL		368505	3859765	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1383	0.075886667
2024	ALL		368505	3859790	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0253	0.068353333
2025	ALL		368505	3859815	9.23E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9227	0.061516
2026	ALL		368505	3859840	8.32E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8325	0.055497333
2027	ALL		368505	3859865	7.54E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7543	0.050284667
2028	ALL		368530	3858265	7.09E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7088	0.047256
2029	ALL		368530	3858290	7.48E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7475	0.049836
2030	ALL		368530	3858315	7.93E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7926	0.052838667
2031	ALL		368530	3858340	8.42E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8422	0.056146667
2032	ALL		368530	3858365	8.94E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8943	0.05962
2033	ALL		368530	3858390	9.52E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9515	0.063433333
2034	ALL		368530	3858415	1.02E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0179	0.06786
2035	ALL		368530	3858440	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0961	0.073073333
2036	ALL		368530	3858465	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1826	0.07884
2037	ALL		368530	3858490	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2837	0.08558
2038	ALL		368530	3858515	1.41E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.4085	0.0939
2039	ALL		368530	3858540	1.56E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.5597	0.10398
2040	ALL		368530	3858565	1.74E-06	30YrCancerDerived_InhSoilDermMMilk	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7401	0.116006667
2041	ALL		368530	3858590	1.96E-06	30YrCancerDerived_InhSoilDermMMilk	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
2075	ALL		368555	3858415	1.00E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0004	0.066693333
2076	ALL		368555	3858440	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0752	0.07168
2077	ALL		368555	3858465	1.17E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1651	0.077673333
2078	ALL		368555	3858490	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2656	0.084373333
2079	ALL		368555	3858515	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3894	0.092626667
2080	ALL		368555	3858540	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.5391	0.102606667
2081	ALL		368555	3858565	1.72E-06	30YrCancerDerived_InhSoilDermMMilk	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7173	0.114486667
2082	ALL		368555	3858590	1.93E-06	30YrCancerDerived_InhSoilDermMMilk	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.9317	0.12878
2083	ALL		368555	3858615	2.21E-06	30YrCancerDerived_InhSoilDermMMilk	2.21E-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	2.2107	0.14738
2084	ALL		368555	3858640	2.56E-06	30YrCancerDerived_InhSoilDermMMilk	2.56E-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	2.5567	0.170446667
2085	ALL		368555	3858665	3.02E-06	30YrCancerDerived_InhSoilDermMMilk	3.02E-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	3.0168	0.20112
2086	ALL		368555	3858690	3.68E-06	30YrCancerDerived_InhSoilDermMMilk	3.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.6759	0.24506
2087	ALL		368555	3858715	4.68E-06	30YrCancerDerived_InhSoilDermMMilk	4.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.6788	0.31192
2088	ALL		368555	3858740	6.41E-06	30YrCancerDerived_InhSoilDermMMilk	6.41E-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	6.4134	0.42756
2089	ALL		368555	3859365	1.35E-05	30YrCancerDerived_InhSoilDermMMilk	1.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.47	0.898
2090	ALL		368555	3859390	1.09E-05	30YrCancerDerived_InhSoilDermMMilk	1.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.85	0.723333333
2091	ALL		368555	3859415	9.29E-06	30YrCancerDerived_InhSoilDermMMilk	9.29E-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	9.287	0.619133333
2092	ALL		368555	3859440	7.98E-06	30YrCancerDerived_InhSoilDermMMilk	7.98E-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	7.9815	0.5321
2093	ALL		368555	3859465	6.87E-06	30YrCancerDerived_InhSoilDermMMilk	6.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.8711	0.458073333
2094	ALL		368555	3859490	5.84E-06	30YrCancerDerived_InhSoilDermMMilk	5.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.8423	0.389486667
2095	ALL		368555	3859515	4.88E-06	30YrCancerDerived_InhSoilDermMMilk	4.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.8834	0.32556
2096	ALL		368555	3859540	4.06E-06	30YrCancerDerived_InhSoilDermMMilk	4.06E-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	4.0561	0.270406667
2097	ALL		368555	3859565	3.43E-06	30YrCancerDerived_InhSoilDermMMilk	3.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.4272	0.22848
2098	ALL		368555	3859590	2.97E-06	30YrCancerDerived_InhSoilDermMMilk	2.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.9657	0.197713333
2099	ALL		368555	3859615	2.60E-06	30YrCancerDerived_InhSoilDermMMilk	2.60E-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	2.5962	0.17308
2100	ALL		368555	3859640	2.28E-06	30YrCancerDerived_InhSoilDermMMilk	2.28E-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	2.2795	0.151966667
2101	ALL		368555	3859665	1.99E-06	30YrCancerDerived_InhSoilDermMMilk	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.9907	0.132713333
2102	ALL		368555	3859690	1.75E-06	30YrCancerDerived_InhSoilDermMMilk	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7491	0.116606667
2103	ALL		368555	3859715	1.55E-06	30YrCancerDerived_InhSoilDermMMilk	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5539	0.103593333
2104	ALL		368555	3859740	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3907	0.092713333
2105	ALL		368555	3859765	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2459	0.08306
2106	ALL		368555	3859790	1.11E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1136	0.07424
2107	ALL		368555	3859815	1.00E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0008	0.06672
2108	ALL		368555	3859840	9.11E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9108	0.060722667
2109	ALL		368555	3859865	8.26E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8262	0.055078667
2110	ALL		368580	3858265	6.86E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6863	0.045752667
2111	ALL		368580	3858290	7.23E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7227	0.04818
2112	ALL		368580	3858315	7.63E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7626	0.050838667
2113	ALL		368580	3858340	8.10E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.81	0.054002667
2114	ALL		368580	3858365	8.61E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.861	0.057402
2115	ALL		368580	3858390	9.19E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9186	0.061241333
2116	ALL		368580	3858415	9.84E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9837	0.065578
2117	ALL		368580	3858440	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0571	0.070473333
2118	ALL		368580	3858465	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1466	0.07644
2119	ALL		368580	3858490	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2496	0.083306667
2120	ALL		368580	3858515	1.37E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.369	0.091266667
2121	ALL		368580	3858540	1.51E-06	30YrCancerDerived_InhSoilDermMMilk	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5133	0.100886667
2122	ALL		368580	3858565	1.69E-06	30YrCancerDerived_InhSoilDermMMilk	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.6867	0.112446667
2123	ALL		368580	3858590	1.89E-06	30YrCancerDerived_InhSoilDermMMilk	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8939	0.12626
2124	ALL		368580	3858615	2.16E-06	30YrCancerDerived_InhSoilDermMMilk	2.16E-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	2.1628	0.144186667
2125	ALL		368580	3858640	2.49E-06	30YrCancerDerived_InhSoilDermMMilk	2.49E-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	2.4942	0.16628
2126	ALL		368580	3858665	2.93E-06	30YrCancerDerived_InhSoilDermMMilk	2.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.9331	0.19554
2127	ALL		368580	3858690	3.56E-06	30YrCancerDerived_InhSoilDermMMilk	3.56E-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	3.5622	0.23748
2128	ALL		368580	3858715	4.53E-06	30YrCancerDerived_InhSoilDermMMilk	4.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.533	0.3022
2129	ALL		368580	3858740	6.27E-06	30YrCancerDerived_InhSoilDermMMilk	6.27E-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	6.2691	0.41794
2130	ALL		368580	3859490	7.18E-06	30YrCancerDerived_InhSoilDermMMilk	7.18E-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	7.1783	0.478553333
2131	ALL		368580	3859515	5.84E-06	30YrCancerDerived_InhSoilDermMMilk	5.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.8401	0.38934
2132	ALL		368580	3859540	4.44E-06	30YrCancerDerived_InhSoilDermMMilk	4.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.4438	0.296253333
2133	ALL		368580	3859565	3.64E-06	30YrCancerDerived_InhSoilDermMMilk	3.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.637	0.242466667
2134	ALL		368580	3859590	3.11E-06	30YrCancerDerived_InhSoilDermMMilk	3.11E-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	3.1089	0.20726
2135	ALL		368580	3859615	2.70E-06	30YrCancerDerived_InhSoilDermMMilk	2.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.7011	0.180073333
2136	ALL		368580	3859640	2.36E-06	30YrCancerDerived_InhSoilDermMMilk	2.36E-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	2.356	0.157066667
2137	ALL		368580	3859665	2.08E-06	30YrCancerDerived_InhSoilDermMMilk	2.08E-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	2.0764	0.138426667
2138	ALL		368580	3859690	1.83E-06	30YrCancerDerived_InhSoilDermMMilk	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8255	0.1217
2139	ALL		368580	3859715	1.63E-06	30YrCancerDerived_InhSoilDermMMilk	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.6266	0.10844
2140	ALL		368580	3859740	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.4526	0.09684
2141	ALL		368580	3859765	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3002	0.08668
2142	ALL		368580	3859790	1.17E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1702	0.078013333
2143	ALL		368580	3859815	1.05E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0503	0.07002
2144	ALL		368580	3859840	9.49E-07	30YrCancerDerived_InhSoilDermMMilk	9.49E-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	0.9494	0.063294
2145	ALL		368580	3859865	8.65E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8648	0.05765
2146	ALL		368605	3858265	6.75E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6748	0.044985333
2147	ALL		368605	3858290	7.10E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7103	0.047356
2148	ALL		368605	3858315	7.49E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7494	0.049958
2149	ALL		368605	3858340	7.96E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7961	0.05307
2150	ALL		368605	3858365	8.45E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8453	0.056351333
2151	ALL		368605	3858390	9.01E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9009	0.060060667
2152	ALL		368605	3858415	9.65E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9652	0.064344667
2153	ALL		368605	3858440	1.04E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0393	0.069286667
2154	ALL		368605	3858465	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1272	0.075146667
2155	ALL		368605	3858490	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2266	0.081773333
2156	ALL		368605	3858515	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3432	0.089546667
2157	ALL		368605	3858540	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.481	0.098733333
2158	ALL		368605	3858565	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.6455	0.1097
2159	ALL		368605	3858590	1.85E-06	30YrCancerDerived_InhSoilDermMMilk	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8452	0.123013333
2160	ALL		368605	3858615	2.09E-06	30YrCancerDerived_InhSoilDermMMilk	2.09E-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	2.0915	0.139433333
2161	ALL		368605	3858640	2.40E-06	30YrCancerDerived_InhSoilDermMMilk	2.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.4049	0.160326667
2162	ALL		368605	3858665	2.81E-06	30YrCancerDerived_InhSoilDermMMilk	2.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.8093	0.187286667
2163	ALL		368605	3858690	3.38E-06	30YrCancerDerived_InhSoilDermMMilk	3.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
2197	ALL		368630	3858715	3.93E-06	30YrCancerDerived_InhSoilDermMMilk	3.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.9344	0.262293333
2198	ALL		368630	3858740	5.34E-06	30YrCancerDerived_InhSoilDermMMilk	5.34E-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	5.3408	0.356053333
2199	ALL		368630	3859565	4.51E-06	30YrCancerDerived_InhSoilDermMMilk	4.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.5117	0.30078
2200	ALL		368630	3859590	3.51E-06	30YrCancerDerived_InhSoilDermMMilk	3.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.5125	0.234166667
2201	ALL		368630	3859615	2.95E-06	30YrCancerDerived_InhSoilDermMMilk	2.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.9508	0.19672
2202	ALL		368630	3859640	2.57E-06	30YrCancerDerived_InhSoilDermMMilk	2.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.5702	0.171346667
2203	ALL		368630	3859665	2.26E-06	30YrCancerDerived_InhSoilDermMMilk	2.26E-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	2.2597	0.150646667
2204	ALL		368630	3859690	2.00E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.996	0.133066667
2205	ALL		368630	3859715	1.78E-06	30YrCancerDerived_InhSoilDermMMilk	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7771	0.118473333
2206	ALL		368630	3859740	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.5871	0.105806667
2207	ALL		368630	3859765	1.42E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.4221	0.094806667
2208	ALL		368630	3859790	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2796	0.085306667
2209	ALL		368630	3859815	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.148	0.076533333
2210	ALL		368630	3859840	1.04E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0375	0.069166667
2211	ALL		368630	3859865	9.47E-07	30YrCancerDerived_InhSoilDermMMilk	9.47E-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	0.9467	0.063111333
2212	ALL		368655	3858265	6.53E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6528	0.043520667
2213	ALL		368655	3858290	6.87E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6868	0.045787333
2214	ALL		368655	3858315	7.24E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7243	0.048288667
2215	ALL		368655	3858340	7.69E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7694	0.051291333
2216	ALL		368655	3858365	8.17E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.817	0.054464667
2217	ALL		368655	3858390	8.70E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8696	0.057972667
2218	ALL		368655	3858415	9.31E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9308	0.062052
2219	ALL		368655	3858440	1.00E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0037	0.066913333
2220	ALL		368655	3858465	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0873	0.072486667
2221	ALL		368655	3858490	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1777	0.078513333
2222	ALL		368655	3858515	1.29E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.287	0.0858
2223	ALL		368655	3858540	1.42E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.4159	0.094393333
2224	ALL		368655	3858565	1.56E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.564	0.104266667
2225	ALL		368655	3858590	1.73E-06	30YrCancerDerived_InhSoilDermMMilk	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.733	0.115533333
2226	ALL		368655	3858615	1.94E-06	30YrCancerDerived_InhSoilDermMMilk	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.9367	0.129113333
2227	ALL		368655	3858640	2.19E-06	30YrCancerDerived_InhSoilDermMMilk	2.19E-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	2.1933	0.14622
2228	ALL		368655	3858665	2.52E-06	30YrCancerDerived_InhSoilDermMMilk	2.52E-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	2.5212	0.16808
2229	ALL		368655	3858690	2.95E-06	30YrCancerDerived_InhSoilDermMMilk	2.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.9483	0.196553333
2230	ALL		368655	3858715	3.56E-06	30YrCancerDerived_InhSoilDermMMilk	3.56E-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	3.5555	0.237033333
2231	ALL		368655	3858740	4.57E-06	30YrCancerDerived_InhSoilDermMMilk	4.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.5671	0.304473333
2232	ALL		368655	3859565	5.24E-06	30YrCancerDerived_InhSoilDermMMilk	5.24E-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	5.2389	0.34926
2233	ALL		368655	3859590	3.85E-06	30YrCancerDerived_InhSoilDermMMilk	3.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.8484	0.25656
2234	ALL		368655	3859615	3.13E-06	30YrCancerDerived_InhSoilDermMMilk	3.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.1263	0.20842
2235	ALL		368655	3859640	2.68E-06	30YrCancerDerived_InhSoilDermMMilk	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.6836	0.178906667
2236	ALL		368655	3859665	2.33E-06	30YrCancerDerived_InhSoilDermMMilk	2.33E-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	2.3288	0.155253333
2237	ALL		368655	3859690	2.07E-06	30YrCancerDerived_InhSoilDermMMilk	2.07E-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	2.0685	0.1379
2238	ALL		368655	3859715	1.83E-06	30YrCancerDerived_InhSoilDermMMilk	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8333	0.12222
2239	ALL		368655	3859740	1.64E-06	30YrCancerDerived_InhSoilDermMMilk	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.6391	0.109273333
2240	ALL		368655	3859765	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.4721	0.09814
2241	ALL		368655	3859790	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.317	0.0878
2242	ALL		368655	3859815	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1817	0.07878
2243	ALL		368655	3859840	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0761	0.07174
2244	ALL		368655	3859865	9.82E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9817	0.065447333
2245	ALL		368680	3858265	6.42E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6424	0.042824
2246	ALL		368680	3858290	6.76E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6756	0.045037333
2247	ALL		368680	3858315	7.12E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7122	0.047482667
2248	ALL		368680	3858340	7.57E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7565	0.050433333
2249	ALL		368680	3858365	8.03E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8032	0.053544667
2250	ALL		368680	3858390	8.55E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8547	0.056979333
2251	ALL		368680	3858415	9.15E-07	30YrCancerDerived_InhSoilDermMMilk	9.15E-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	0.9146	0.060971333
2252	ALL		368680	3858440	9.86E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9856	0.065708667
2253	ALL		368680	3858465	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0668	0.07112
2254	ALL		368680	3858490	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1538	0.07692
2255	ALL		368680	3858515	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2583	0.083886667
2256	ALL		368680	3858540	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3805	0.092033333
2257	ALL		368680	3858565	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.5193	0.101286667
2258	ALL		368680	3858590	1.68E-06	30YrCancerDerived_InhSoilDermMMilk	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.6763	0.111753333
2259	ALL		368680	3858615	1.87E-06	30YrCancerDerived_InhSoilDermMMilk	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8708	0.12472
2260	ALL		368680	3858640	2.09E-06	30YrCancerDerived_InhSoilDermMMilk	2.09E-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	2.0921	0.139473333
2261	ALL		368680	3858665	2.38E-06	30YrCancerDerived_InhSoilDermMMilk	2.38E-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	2.3776	0.158506667
2262	ALL		368680	3858690	2.74E-06	30YrCancerDerived_InhSoilDermMMilk	2.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.7417	0.18278
2263	ALL		368680	3858715	3.24E-06	30YrCancerDerived_InhSoilDermMMilk	3.24E-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	3.241	0.216066667
2264	ALL		368680	3858740	4.01E-06	30YrCancerDerived_InhSoilDermMMilk	4.01E-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	4.0109	0.267393333
2265	ALL		368680	3858765	5.33E-06	30YrCancerDerived_InhSoilDermMMilk	5.33E-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	5.332	0.355466667
2266	ALL		368680	3859365	1.69E-05	30YrCancerDerived_InhSoilDermMMilk	1.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	16.888	1.125866667
2267	ALL		368680	3859390	1.58E-05	30YrCancerDerived_InhSoilDermMMilk	1.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	15.792	1.0528
2268	ALL		368680	3859565	5.74E-06	30YrCancerDerived_InhSoilDermMMilk	5.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.7428	0.382853333
2269	ALL		368680	3859590	4.21E-06	30YrCancerDerived_InhSoilDermMMilk	4.21E-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	4.2085	0.280566667
2270	ALL		368680	3859615	3.33E-06	30YrCancerDerived_InhSoilDermMMilk	3.33E-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	3.3279	0.22186
2271	ALL		368680	3859640	2.80E-06	30YrCancerDerived_InhSoilDermMMilk	2.80E-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	2.8045	0.186966667
2272	ALL		368680	3859665	2.41E-06	30YrCancerDerived_InhSoilDermMMilk	2.41E-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	2.4133	0.160886667
2273	ALL		368680	3859690	2.14E-06	30YrCancerDerived_InhSoilDermMMilk	2.14E-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	2.1363	0.14242
2274	ALL		368680	3859715	1.89E-06	30YrCancerDerived_InhSoilDermMMilk	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8923	0.126153333
2275	ALL		368680	3859740	1.69E-06	30YrCancerDerived_InhSoilDermMMilk	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.6926	0.11284
2276	ALL		368680	3859765	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.5212	0.101413333
2277	ALL		368680	3859790	1.36E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.362	0.0908
2278	ALL		368680	3859815	1.22E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2231	0.08154
2279	ALL		368680	3859840	1.11E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1143	0.074286667
2280	ALL		368680	3859865	1.01E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0093	0.067286667
2281	ALL		368705	3858265	6.32E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.632	0.042135333
2282	ALL		368705	3858290	6.64E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6644	0.044292667
2283	ALL		368705	3858315	7.00E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7002	0.046680667
2284	ALL		368705	3858340	7.43E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7435	0.049566
2285	ALL		368705	3858365	7.89E-07	30YrCancerDerived_InhSoilDermMMilk	7.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
2319	ALL		368705	3859765	1.57E-06	30YrCancerDerived_InhSoilDermMMilk	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5697	0.104646667
2320	ALL		368705	3859790	1.41E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.4071	0.093806667
2321	ALL		368705	3859815	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2648	0.08432
2322	ALL		368705	3859840	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1531	0.076873333
2323	ALL		368705	3859865	1.05E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0451	0.069673333
2324	ALL		368730	3858265	6.22E-07	30YrCancerDerived_InhSoilDermMMilk	6.22E-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	0.6215	0.041433333
2325	ALL		368730	3858290	6.53E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.653	0.043534
2326	ALL		368730	3858315	6.88E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6879	0.045856667
2327	ALL		368730	3858340	7.30E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7302	0.048676667
2328	ALL		368730	3858365	7.75E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7746	0.05164
2329	ALL		368730	3858390	8.26E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8259	0.055057333
2330	ALL		368730	3858415	8.84E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8838	0.058922667
2331	ALL		368730	3858440	9.47E-07	30YrCancerDerived_InhSoilDermMMilk	9.47E-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	0.9468	0.06312
2332	ALL		368730	3858465	1.02E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0222	0.068146667
2333	ALL		368730	3858490	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1016	0.07344
2334	ALL		368730	3858515	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1959	0.079726667
2335	ALL		368730	3858540	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3045	0.086966667
2336	ALL		368730	3858565	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.425	0.095
2337	ALL		368730	3858590	1.56E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.5583	0.103886667
2338	ALL		368730	3858615	1.72E-06	30YrCancerDerived_InhSoilDermMMilk	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7219	0.114793333
2339	ALL		368730	3858640	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.9133	0.127553333
2340	ALL		368730	3858665	2.14E-06	30YrCancerDerived_InhSoilDermMMilk	2.14E-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	2.144	0.142933333
2341	ALL		368730	3858690	2.44E-06	30YrCancerDerived_InhSoilDermMMilk	2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.4427	0.162846667
2342	ALL		368730	3858715	2.85E-06	30YrCancerDerived_InhSoilDermMMilk	2.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.848	0.189866667
2343	ALL		368730	3858740	3.41E-06	30YrCancerDerived_InhSoilDermMMilk	3.41E-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	3.4052	0.227013333
2344	ALL		368730	3858765	4.12E-06	30YrCancerDerived_InhSoilDermMMilk	4.12E-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	4.1224	0.274826667
2345	ALL		368730	3858790	5.03E-06	30YrCancerDerived_InhSoilDermMMilk	5.03E-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	5.0315	0.335433333
2346	ALL		368730	3858815	6.10E-06	30YrCancerDerived_InhSoilDermMMilk	6.10E-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	6.1005	0.4067
2347	ALL		368730	3859365	1.34E-05	30YrCancerDerived_InhSoilDermMMilk	1.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.428	0.8952
2348	ALL		368730	3859390	1.14E-05	30YrCancerDerived_InhSoilDermMMilk	1.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.388	0.7592
2349	ALL		368730	3859415	1.01E-05	30YrCancerDerived_InhSoilDermMMilk	1.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.065	0.671
2350	ALL		368730	3859440	9.28E-06	30YrCancerDerived_InhSoilDermMMilk	9.28E-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	9.276	0.6184
2351	ALL		368730	3859465	8.63E-06	30YrCancerDerived_InhSoilDermMMilk	8.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.6277	0.57518
2352	ALL		368730	3859490	7.92E-06	30YrCancerDerived_InhSoilDermMMilk	7.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.9209	0.52806
2353	ALL		368730	3859515	7.27E-06	30YrCancerDerived_InhSoilDermMMilk	7.27E-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	7.2705	0.4847
2354	ALL		368730	3859540	6.38E-06	30YrCancerDerived_InhSoilDermMMilk	6.38E-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	6.382	0.425466667
2355	ALL		368730	3859565	5.54E-06	30YrCancerDerived_InhSoilDermMMilk	5.54E-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	5.5435	0.369566667
2356	ALL		368730	3859590	4.57E-06	30YrCancerDerived_InhSoilDermMMilk	4.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.5734	0.304893333
2357	ALL		368730	3859615	3.69E-06	30YrCancerDerived_InhSoilDermMMilk	3.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.6944	0.246293333
2358	ALL		368730	3859640	3.05E-06	30YrCancerDerived_InhSoilDermMMilk	3.05E-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	3.0512	0.203413333
2359	ALL		368730	3859665	2.62E-06	30YrCancerDerived_InhSoilDermMMilk	2.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.6158	0.174386667
2360	ALL		368730	3859690	2.26E-06	30YrCancerDerived_InhSoilDermMMilk	2.26E-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	2.264	0.150933333
2361	ALL		368730	3859715	2.01E-06	30YrCancerDerived_InhSoilDermMMilk	2.01E-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	2.0069	0.133793333
2362	ALL		368730	3859740	1.79E-06	30YrCancerDerived_InhSoilDermMMilk	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7927	0.119513333
2363	ALL		368730	3859765	1.61E-06	30YrCancerDerived_InhSoilDermMMilk	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.6088	0.107253333
2364	ALL		368730	3859790	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.4525	0.096833333
2365	ALL		368730	3859815	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3073	0.087153333
2366	ALL		368730	3859840	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1839	0.078926667
2367	ALL		368730	3859865	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0785	0.0719
2368	ALL		368755	3858265	6.11E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6108	0.040718667
2369	ALL		368755	3858290	6.41E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6414	0.042758
2370	ALL		368755	3858315	6.75E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6752	0.045016
2371	ALL		368755	3858340	7.16E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7164	0.047757333
2372	ALL		368755	3858365	7.59E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7594	0.050629333
2373	ALL		368755	3858390	8.09E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8091	0.053937333
2374	ALL		368755	3858415	8.65E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.865	0.057663333
2375	ALL		368755	3858440	9.25E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9253	0.061686
2376	ALL		368755	3858465	9.98E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9975	0.066502
2377	ALL		368755	3858490	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0726	0.071506667
2378	ALL		368755	3858515	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1617	0.077446667
2379	ALL		368755	3858540	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2637	0.084246667
2380	ALL		368755	3858565	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3762	0.091746667
2381	ALL		368755	3858590	1.50E-06	30YrCancerDerived_InhSoilDermMMilk	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5002	0.100013333
2382	ALL		368755	3858615	1.65E-06	30YrCancerDerived_InhSoilDermMMilk	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.6531	0.110206667
2383	ALL		368755	3858640	1.84E-06	30YrCancerDerived_InhSoilDermMMilk	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8364	0.122426667
2384	ALL		368755	3858665	2.05E-06	30YrCancerDerived_InhSoilDermMMilk	2.05E-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	2.0526	0.13684
2385	ALL		368755	3858690	2.34E-06	30YrCancerDerived_InhSoilDermMMilk	2.34E-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	2.3373	0.15582
2386	ALL		368755	3858715	2.72E-06	30YrCancerDerived_InhSoilDermMMilk	2.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.7181	0.181206667
2387	ALL		368755	3858740	3.20E-06	30YrCancerDerived_InhSoilDermMMilk	3.20E-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	3.2005	0.213366667
2388	ALL		368755	3858765	3.79E-06	30YrCancerDerived_InhSoilDermMMilk	3.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79	0.252666667
2389	ALL		368755	3858790	4.52E-06	30YrCancerDerived_InhSoilDermMMilk	4.52E-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	4.5207	0.30138
2390	ALL		368755	3858815	5.36E-06	30YrCancerDerived_InhSoilDermMMilk	5.36E-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	5.3607	0.35738
2391	ALL		368755	3858840	6.41E-06	30YrCancerDerived_InhSoilDermMMilk	6.41E-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	6.4135	0.427566667
2392	ALL		368755	3859365	1.31E-05	30YrCancerDerived_InhSoilDermMMilk	1.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.091	0.872733333
2393	ALL		368755	3859390	1.07E-05	30YrCancerDerived_InhSoilDermMMilk	1.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.661	0.710733333
2394	ALL		368755	3859415	9.18E-06	30YrCancerDerived_InhSoilDermMMilk	9.18E-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	9.1816	0.612106667
2395	ALL		368755	3859440	8.35E-06	30YrCancerDerived_InhSoilDermMMilk	8.35E-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	8.3461	0.556406667
2396	ALL		368755	3859465	7.71E-06	30YrCancerDerived_InhSoilDermMMilk	7.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.7097	0.51398
2397	ALL		368755	3859490	7.06E-06	30YrCancerDerived_InhSoilDermMMilk	7.06E-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	7.0615	0.470766667
2398	ALL		368755	3859515	6.49E-06	30YrCancerDerived_InhSoilDermMMilk	6.49E-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	6.4882	0.432546667
2399	ALL		368755	3859540	5.80E-06	30YrCancerDerived_InhSoilDermMMilk	5.80E-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	5.7984	0.38656
2400	ALL		368755	3859565	5.19E-06	30YrCancerDerived_InhSoilDermMMilk	5.19E-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	5.1861	0.34574
2401	ALL		368755	3859590	4.49E-06	30YrCancerDerived_InhSoilDermMMilk	4.49E-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	4.4941	0.299606667
2402	ALL		368755	3859615	3.78E-06	30YrCancerDerived_InhSoilDermMMilk	3.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.7752	0.25168
2403	ALL		368755	3859640	3.17E-06	30YrCancerDerived_InhSoilDermMMilk	3.17E-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	3.1693	0.211286667
2404	ALL		368755	3859665	2.72E-06	30YrCancerDerived_InhSoilDermMMilk	2.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.7221	0.181473333
2405	ALL		368755	3859690	2.35E-06	30YrCancerDerived_InhSoilDermMMilk	2.35E-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	2.349	0.1566
2406	ALL		368755	3859715	2.08E-06	30YrCancerDerived_InhSoilDermMMilk	2.08E-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	2.0751	0.13834
2407	ALL		368755	3859740	1.85E-06	30YrCancerDerived_InhSoilDermMMilk	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
2441	ALL		368780	3859440	7.74E-06	30YrCancerDerived_InhSoilDermMMilk	7.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.7449	0.516326667
2442	ALL		368780	3859465	7.08E-06	30YrCancerDerived_InhSoilDermMMilk	7.08E-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	7.0765	0.471766667
2443	ALL		368780	3859490	6.45E-06	30YrCancerDerived_InhSoilDermMMilk	6.45E-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	6.4546	0.430306667
2444	ALL		368780	3859515	5.94E-06	30YrCancerDerived_InhSoilDermMMilk	5.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.9378	0.395853333
2445	ALL		368780	3859540	5.36E-06	30YrCancerDerived_InhSoilDermMMilk	5.36E-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	5.3625	0.3575
2446	ALL		368780	3859565	4.87E-06	30YrCancerDerived_InhSoilDermMMilk	4.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.8691	0.324606667
2447	ALL		368780	3859590	4.34E-06	30YrCancerDerived_InhSoilDermMMilk	4.34E-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	4.3391	0.289273333
2448	ALL		368780	3859615	3.77E-06	30YrCancerDerived_InhSoilDermMMilk	3.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.7676	0.251173333
2449	ALL		368780	3859640	3.24E-06	30YrCancerDerived_InhSoilDermMMilk	3.24E-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	3.2375	0.215833333
2450	ALL		368780	3859665	2.81E-06	30YrCancerDerived_InhSoilDermMMilk	2.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.8097	0.187313333
2451	ALL		368780	3859690	2.43E-06	30YrCancerDerived_InhSoilDermMMilk	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.431	0.162066667
2452	ALL		368780	3859715	2.15E-06	30YrCancerDerived_InhSoilDermMMilk	2.15E-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	2.145	0.143
2453	ALL		368780	3859740	1.90E-06	30YrCancerDerived_InhSoilDermMMilk	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.9048	0.126986667
2454	ALL		368780	3859765	1.70E-06	30YrCancerDerived_InhSoilDermMMilk	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.704	0.1136
2455	ALL		368780	3859790	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.5416	0.102773333
2456	ALL		368780	3859815	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3888	0.092586667
2457	ALL		368780	3859840	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2605	0.084033333
2458	ALL		368780	3859865	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1503	0.076686667
2459	ALL		368805	3858265	5.88E-07	30YrCancerDerived_InhSoilDermMMilk	5.88E-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	0.5884	0.039228
2460	ALL		368805	3858290	6.18E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6176	0.041176
2461	ALL		368805	3858315	6.53E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6528	0.043520667
2462	ALL		368805	3858340	6.88E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6883	0.045883333
2463	ALL		368805	3858365	7.27E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7274	0.048494
2464	ALL		368805	3858390	7.73E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7734	0.051557333
2465	ALL		368805	3858415	8.25E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8248	0.054983333
2466	ALL		368805	3858440	8.80E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8795	0.058635333
2467	ALL		368805	3858465	9.45E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9448	0.062984667
2468	ALL		368805	3858490	1.02E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0176	0.06784
2469	ALL		368805	3858515	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0937	0.072913333
2470	ALL		368805	3858540	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1812	0.078746667
2471	ALL		368805	3858565	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2809	0.085393333
2472	ALL		368805	3858590	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3917	0.09278
2473	ALL		368805	3858615	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5311	0.102073333
2474	ALL		368805	3858640	1.70E-06	30YrCancerDerived_InhSoilDermMMilk	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7011	0.113406667
2475	ALL		368805	3858665	1.90E-06	30YrCancerDerived_InhSoilDermMMilk	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.9035	0.1269
2476	ALL		368805	3858690	2.16E-06	30YrCancerDerived_InhSoilDermMMilk	2.16E-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	2.1637	0.144246667
2477	ALL		368805	3858715	2.49E-06	30YrCancerDerived_InhSoilDermMMilk	2.49E-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	2.4895	0.165966667
2478	ALL		368805	3858740	2.87E-06	30YrCancerDerived_InhSoilDermMMilk	2.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.8735	0.191566667
2479	ALL		368805	3858765	3.35E-06	30YrCancerDerived_InhSoilDermMMilk	3.35E-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	3.3453	0.22302
2480	ALL		368805	3858790	3.86E-06	30YrCancerDerived_InhSoilDermMMilk	3.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.862	0.257466667
2481	ALL		368805	3858815	4.47E-06	30YrCancerDerived_InhSoilDermMMilk	4.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.4674	0.297826667
2482	ALL		368805	3858840	5.24E-06	30YrCancerDerived_InhSoilDermMMilk	5.24E-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	5.2379	0.349193333
2483	ALL		368805	3858865	6.23E-06	30YrCancerDerived_InhSoilDermMMilk	6.23E-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	6.2262	0.41508
2484	ALL		368805	3858890	7.50E-06	30YrCancerDerived_InhSoilDermMMilk	7.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.5023	0.500153333
2485	ALL		368805	3859365	1.27E-05	30YrCancerDerived_InhSoilDermMMilk	1.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.679	0.845266667
2486	ALL		368805	3859390	1.00E-05	30YrCancerDerived_InhSoilDermMMilk	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.014	0.6676
2487	ALL		368805	3859415	8.37E-06	30YrCancerDerived_InhSoilDermMMilk	8.37E-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	8.3662	0.557746667
2488	ALL		368805	3859440	7.37E-06	30YrCancerDerived_InhSoilDermMMilk	7.37E-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	7.3665	0.4911
2489	ALL		368805	3859465	6.64E-06	30YrCancerDerived_InhSoilDermMMilk	6.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.6392	0.442613333
2490	ALL		368805	3859490	6.02E-06	30YrCancerDerived_InhSoilDermMMilk	6.02E-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	6.0221	0.401473333
2491	ALL		368805	3859515	5.54E-06	30YrCancerDerived_InhSoilDermMMilk	5.54E-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	5.5372	0.369146667
2492	ALL		368805	3859540	5.03E-06	30YrCancerDerived_InhSoilDermMMilk	5.03E-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	5.0292	0.33528
2493	ALL		368805	3859565	4.60E-06	30YrCancerDerived_InhSoilDermMMilk	4.60E-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	4.6047	0.30698
2494	ALL		368805	3859590	4.17E-06	30YrCancerDerived_InhSoilDermMMilk	4.17E-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	4.169	0.277933333
2495	ALL		368805	3859615	3.70E-06	30YrCancerDerived_InhSoilDermMMilk	3.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.704	0.246933333
2496	ALL		368805	3859640	3.25E-06	30YrCancerDerived_InhSoilDermMMilk	3.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.2537	0.216913333
2497	ALL		368805	3859665	2.87E-06	30YrCancerDerived_InhSoilDermMMilk	2.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.8659	0.19106
2498	ALL		368805	3859690	2.50E-06	30YrCancerDerived_InhSoilDermMMilk	2.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.4991	0.166606667
2499	ALL		368805	3859715	2.21E-06	30YrCancerDerived_InhSoilDermMMilk	2.21E-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	2.2106	0.147373333
2500	ALL		368805	3859740	1.96E-06	30YrCancerDerived_InhSoilDermMMilk	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.9633	0.130886667
2501	ALL		368805	3859765	1.76E-06	30YrCancerDerived_InhSoilDermMMilk	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7551	0.117006667
2502	ALL		368805	3859790	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.5865	0.105766667
2503	ALL		368805	3859815	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.4289	0.09526
2504	ALL		368805	3859840	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3054	0.087026667
2505	ALL		368805	3859865	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1874	0.07916
2506	ALL		368830	3858265	5.77E-07	30YrCancerDerived_InhSoilDermMMilk	5.77E-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	0.5769	0.038456667
2507	ALL		368830	3858290	6.05E-07	30YrCancerDerived_InhSoilDermMMilk	6.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.6052	0.040344
2508	ALL		368830	3858315	6.39E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6392	0.042614667
2509	ALL		368830	3858340	6.73E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6734	0.044894
2510	ALL		368830	3858365	7.11E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7111	0.047404
2511	ALL		368830	3858390	7.55E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7551	0.050337333
2512	ALL		368830	3858415	8.04E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8042	0.053614667
2513	ALL		368830	3858440	8.56E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8563	0.057088
2514	ALL		368830	3858465	9.18E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9181	0.061206667
2515	ALL		368830	3858490	9.87E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9869	0.065791333
2516	ALL		368830	3858515	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0585	0.070566667
2517	ALL		368830	3858540	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1412	0.07608
2518	ALL		368830	3858565	1.24E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2359	0.082393333
2519	ALL		368830	3858590	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3424	0.089493333
2520	ALL		368830	3858615	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.4776	0.098506667
2521	ALL		368830	3858640	1.64E-06	30YrCancerDerived_InhSoilDermMMilk	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.643	0.109533333
2522	ALL		368830	3858665	1.84E-06	30YrCancerDerived_InhSoilDermMMilk	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8387	0.12258
2523	ALL		368830	3858690	2.08E-06	30YrCancerDerived_InhSoilDermMMilk	2.08E-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	2.0849	0.138993333
2524	ALL		368830	3858715	2.38E-06	30YrCancerDerived_InhSoilDermMMilk	2.38E-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	2.3847	0.15898
2525	ALL		368830	3858740	2.73E-06	30YrCancerDerived_InhSoilDermMMilk	2.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.7304	0.182026667
2526	ALL		368830	3858765	3.15E-06	30YrCancerDerived_InhSoilDermMMilk	3.15E-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	3.1508	0.210053333
2527	ALL		368830	3858790	3.61E-06	30YrCancerDerived_InhSoilDermMMilk	3.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.6113	0.240753333
2528	ALL		368830	3858815	4.15E-06	30YrCancerDerived_InhSoilDermMMilk	4.15E-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	4.15	0.276666667
2529	ALL		368830	3858840	4.83E-06	30YrCancerDerived_InhSoilDermMMilk	4.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
2563	ALL		368855	3858490	9.57E-07	30YrCancerDerived_InhSoilDermMMilk	9.57E-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	0.9566	0.063773333
2564	ALL		368855	3858515	1.02E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0242	0.06828
2565	ALL		368855	3858540	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1028	0.07352
2566	ALL		368855	3858565	1.19E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1936	0.079573333
2567	ALL		368855	3858590	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2967	0.086446667
2568	ALL		368855	3858615	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.4283	0.09522
2569	ALL		368855	3858640	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5801	0.10534
2570	ALL		368855	3858665	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7719	0.118126667
2571	ALL		368855	3858690	2.01E-06	30YrCancerDerived_InhSoilDermMMilk	2.01E-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	2.0072	0.133813333
2572	ALL		368855	3858715	2.28E-06	30YrCancerDerived_InhSoilDermMMilk	2.28E-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	2.2828	0.152186667
2573	ALL		368855	3858740	2.59E-06	30YrCancerDerived_InhSoilDermMMilk	2.59E-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	2.5932	0.17288
2574	ALL		368855	3858765	2.95E-06	30YrCancerDerived_InhSoilDermMMilk	2.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.9522	0.196813333
2575	ALL		368855	3858790	3.38E-06	30YrCancerDerived_InhSoilDermMMilk	3.38E-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	3.3842	0.225613333
2576	ALL		368855	3858815	3.87E-06	30YrCancerDerived_InhSoilDermMMilk	3.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.8748	0.25832
2577	ALL		368855	3858840	4.49E-06	30YrCancerDerived_InhSoilDermMMilk	4.49E-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	4.4924	0.299493333
2578	ALL		368855	3858865	5.30E-06	30YrCancerDerived_InhSoilDermMMilk	5.30E-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	5.2992	0.35328
2579	ALL		368855	3858890	6.39E-06	30YrCancerDerived_InhSoilDermMMilk	6.39E-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	6.3856	0.425706667
2580	ALL		368855	3858915	8.09E-06	30YrCancerDerived_InhSoilDermMMilk	8.09E-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	8.0923	0.539486667
2581	ALL		368855	3858940	1.09E-05	30YrCancerDerived_InhSoilDermMMilk	1.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.948	0.729866667
2582	ALL		368855	3859365	1.23E-05	30YrCancerDerived_InhSoilDermMMilk	1.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.3	0.82
2583	ALL		368855	3859390	9.69E-06	30YrCancerDerived_InhSoilDermMMilk	9.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.687	0.6458
2584	ALL		368855	3859415	8.12E-06	30YrCancerDerived_InhSoilDermMMilk	8.12E-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	8.1165	0.5411
2585	ALL		368855	3859440	6.96E-06	30YrCancerDerived_InhSoilDermMMilk	6.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.9633	0.46422
2586	ALL		368855	3859465	6.12E-06	30YrCancerDerived_InhSoilDermMMilk	6.12E-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	6.1207	0.408046667
2587	ALL		368855	3859490	5.48E-06	30YrCancerDerived_InhSoilDermMMilk	5.48E-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	5.4827	0.365513333
2588	ALL		368855	3859515	5.01E-06	30YrCancerDerived_InhSoilDermMMilk	5.01E-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	5.011	0.334066667
2589	ALL		368855	3859540	4.56E-06	30YrCancerDerived_InhSoilDermMMilk	4.56E-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	4.5615	0.3041
2590	ALL		368855	3859565	4.20E-06	30YrCancerDerived_InhSoilDermMMilk	4.20E-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	4.2034	0.280226667
2591	ALL		368855	3859590	3.86E-06	30YrCancerDerived_InhSoilDermMMilk	3.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.8611	0.257406667
2592	ALL		368855	3859615	3.52E-06	30YrCancerDerived_InhSoilDermMMilk	3.52E-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	3.5152	0.234346667
2593	ALL		368855	3859640	3.18E-06	30YrCancerDerived_InhSoilDermMMilk	3.18E-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	3.1823	0.212153333
2594	ALL		368855	3859665	2.88E-06	30YrCancerDerived_InhSoilDermMMilk	2.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.8829	0.192193333
2595	ALL		368855	3859690	2.57E-06	30YrCancerDerived_InhSoilDermMMilk	2.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.5707	0.17138
2596	ALL		368855	3859715	2.31E-06	30YrCancerDerived_InhSoilDermMMilk	2.31E-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	2.3053	0.153686667
2597	ALL		368855	3859740	2.06E-06	30YrCancerDerived_InhSoilDermMMilk	2.06E-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	2.0628	0.13752
2598	ALL		368855	3859765	1.85E-06	30YrCancerDerived_InhSoilDermMMilk	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8506	0.123373333
2599	ALL		368855	3859790	1.67E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.6749	0.11166
2600	ALL		368855	3859815	1.51E-06	30YrCancerDerived_InhSoilDermMMilk	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5094	0.100626667
2601	ALL		368855	3859840	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3789	0.091926667
2602	ALL		368855	3859865	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2545	0.083633333
2603	ALL		368880	3858265	5.54E-07	30YrCancerDerived_InhSoilDermMMilk	5.54E-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	0.5535	0.036900667
2604	ALL		368880	3858290	5.80E-07	30YrCancerDerived_InhSoilDermMMilk	5.80E-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	0.58	0.038666
2605	ALL		368880	3858315	6.12E-07	30YrCancerDerived_InhSoilDermMMilk	6.12E-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	0.612	0.040797333
2606	ALL		368880	3858340	6.44E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6437	0.042915333
2607	ALL		368880	3858365	6.78E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6784	0.045225333
2608	ALL		368880	3858390	7.19E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7187	0.047914
2609	ALL		368880	3858415	7.64E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7638	0.050921333
2610	ALL		368880	3858440	8.12E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8115	0.054102667
2611	ALL		368880	3858465	8.66E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8655	0.057702667
2612	ALL		368880	3858490	9.27E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9271	0.061803333
2613	ALL		368880	3858515	9.91E-07	30YrCancerDerived_InhSoilDermMMilk	9.91E-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	0.9912	0.066079333
2614	ALL		368880	3858540	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0663	0.071086667
2615	ALL		368880	3858565	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.154	0.076933333
2616	ALL		368880	3858590	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2541	0.083606667
2617	ALL		368880	3858615	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3821	0.09214
2618	ALL		368880	3858640	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.527	0.1018
2619	ALL		368880	3858665	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7094	0.11396
2620	ALL		368880	3858690	1.93E-06	30YrCancerDerived_InhSoilDermMMilk	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.9295	0.128633333
2621	ALL		368880	3858715	2.18E-06	30YrCancerDerived_InhSoilDermMMilk	2.18E-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	2.1826	0.145506667
2622	ALL		368880	3858740	2.46E-06	30YrCancerDerived_InhSoilDermMMilk	2.46E-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	2.4641	0.164273333
2623	ALL		368880	3858765	2.79E-06	30YrCancerDerived_InhSoilDermMMilk	2.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.7859	0.185726667
2624	ALL		368880	3858790	3.18E-06	30YrCancerDerived_InhSoilDermMMilk	3.18E-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	3.1803	0.21202
2625	ALL		368880	3858815	3.63E-06	30YrCancerDerived_InhSoilDermMMilk	3.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.6269	0.241793333
2626	ALL		368880	3858840	4.19E-06	30YrCancerDerived_InhSoilDermMMilk	4.19E-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	4.1903	0.279353333
2627	ALL		368880	3858865	4.93E-06	30YrCancerDerived_InhSoilDermMMilk	4.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.9313	0.328753333
2628	ALL		368880	3858890	5.94E-06	30YrCancerDerived_InhSoilDermMMilk	5.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.9376	0.39584
2629	ALL		368880	3858915	7.52E-06	30YrCancerDerived_InhSoilDermMMilk	7.52E-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	7.5187	0.501246667
2630	ALL		368880	3858940	1.01E-05	30YrCancerDerived_InhSoilDermMMilk	1.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.076	0.671733333
2631	ALL		368880	3859165	2.27E-05	30YrCancerDerived_InhSoilDermMMilk	2.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	22.699	1.513266667
2632	ALL		368880	3859190	2.29E-05	30YrCancerDerived_InhSoilDermMMilk	2.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	22.944	1.5296
2633	ALL		368880	3859215	2.40E-05	30YrCancerDerived_InhSoilDermMMilk	2.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	23.972	1.598133333
2634	ALL		368880	3859240	2.62E-05	30YrCancerDerived_InhSoilDermMMilk	2.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	26.247	1.7498
2635	ALL		368880	3859365	1.21E-05	30YrCancerDerived_InhSoilDermMMilk	1.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.094	0.806266667
2636	ALL		368880	3859390	9.54E-06	30YrCancerDerived_InhSoilDermMMilk	9.54E-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	9.5403	0.63602
2637	ALL		368880	3859415	7.93E-06	30YrCancerDerived_InhSoilDermMMilk	7.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.9343	0.528953333
2638	ALL		368880	3859440	6.78E-06	30YrCancerDerived_InhSoilDermMMilk	6.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.7819	0.452126667
2639	ALL		368880	3859465	5.96E-06	30YrCancerDerived_InhSoilDermMMilk	5.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.961	0.3974
2640	ALL		368880	3859490	5.31E-06	30YrCancerDerived_InhSoilDermMMilk	5.31E-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	5.3125	0.354166667
2641	ALL		368880	3859515	4.84E-06	30YrCancerDerived_InhSoilDermMMilk	4.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.8367	0.322446667
2642	ALL		368880	3859540	4.40E-06	30YrCancerDerived_InhSoilDermMMilk	4.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.397	0.293133333
2643	ALL		368880	3859565	4.03E-06	30YrCancerDerived_InhSoilDermMMilk	4.03E-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	4.0311	0.26874
2644	ALL		368880	3859590	3.72E-06	30YrCancerDerived_InhSoilDermMMilk	3.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.7169	0.247793333
2645	ALL		368880	3859615	3.42E-06	30YrCancerDerived_InhSoilDermMMilk	3.42E-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	3.4199	0.227993333
2646	ALL		368880	3859640	3.12E-06	30YrCancerDerived_InhSoilDermMMilk	3.12E-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	3.1235	0.208233333
2647	ALL		368880	3859665	2.86E-06	30YrCancerDerived_InhSoilDermMMilk	2.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.8589	0.190593333
2648	ALL		368880	3859690	2.58E-06	30YrCancerDerived_InhSoilDermMMilk	2.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.5762	0.171746667
2649	ALL		368880	3859715	2.33E-06	30YrCancerDerived_InhSoilDermMMilk	2.33E-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	2.33	0.155333333
2650	ALL		368880	3859740	2.10E-06	30YrCancerDerived_InhSoilDermMMilk	2.10E-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	2.0981	0.139873333
2651	ALL		368880	3859765	1.89E-06	30YrCancerDerived_InhSoilDermMMilk	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
2685	ALL		368905	3859190	1.84E-05	30YrCancerDerived_InhSoilDermMMilk	1.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	18.354	1.2236
2686	ALL		368905	3859215	1.94E-05	30YrCancerDerived_InhSoilDermMMilk	1.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	19.366	1.291066667
2687	ALL		368905	3859240	2.22E-05	30YrCancerDerived_InhSoilDermMMilk	2.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	22.238	1.482533333
2688	ALL		368905	3859365	1.19E-05	30YrCancerDerived_InhSoilDermMMilk	1.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.873	0.791533333
2689	ALL		368905	3859390	9.39E-06	30YrCancerDerived_InhSoilDermMMilk	9.39E-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	9.3904	0.626026667
2690	ALL		368905	3859415	7.74E-06	30YrCancerDerived_InhSoilDermMMilk	7.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.7368	0.515786667
2691	ALL		368905	3859440	6.65E-06	30YrCancerDerived_InhSoilDermMMilk	6.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.6495	0.4433
2692	ALL		368905	3859465	5.84E-06	30YrCancerDerived_InhSoilDermMMilk	5.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.8383	0.38922
2693	ALL		368905	3859490	5.18E-06	30YrCancerDerived_InhSoilDermMMilk	5.18E-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	5.1841	0.345606667
2694	ALL		368905	3859515	4.70E-06	30YrCancerDerived_InhSoilDermMMilk	4.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.7037	0.31358
2695	ALL		368905	3859540	4.27E-06	30YrCancerDerived_InhSoilDermMMilk	4.27E-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	4.2682	0.284546667
2696	ALL		368905	3859565	3.92E-06	30YrCancerDerived_InhSoilDermMMilk	3.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.9172	0.261146667
2697	ALL		368905	3859590	3.62E-06	30YrCancerDerived_InhSoilDermMMilk	3.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.6155	0.241033333
2698	ALL		368905	3859615	3.33E-06	30YrCancerDerived_InhSoilDermMMilk	3.33E-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	3.3335	0.222233333
2699	ALL		368905	3859640	3.06E-06	30YrCancerDerived_InhSoilDermMMilk	3.06E-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	3.0629	0.204193333
2700	ALL		368905	3859665	2.82E-06	30YrCancerDerived_InhSoilDermMMilk	2.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.8249	0.188326667
2701	ALL		368905	3859690	2.57E-06	30YrCancerDerived_InhSoilDermMMilk	2.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.568	0.1712
2702	ALL		368905	3859715	2.34E-06	30YrCancerDerived_InhSoilDermMMilk	2.34E-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	2.3415	0.1561
2703	ALL		368905	3859740	2.12E-06	30YrCancerDerived_InhSoilDermMMilk	2.12E-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	2.1227	0.141513333
2704	ALL		368905	3859765	1.92E-06	30YrCancerDerived_InhSoilDermMMilk	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.9218	0.12812
2705	ALL		368905	3859790	1.75E-06	30YrCancerDerived_InhSoilDermMMilk	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7494	0.116626667
2706	ALL		368905	3859815	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5829	0.105526667
2707	ALL		368905	3859840	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.4493	0.09662
2708	ALL		368905	3859865	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3209	0.08806
2709	ALL		368930	3858265	5.31E-07	30YrCancerDerived_InhSoilDermMMilk	5.31E-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	0.5305	0.035366667
2710	ALL		368930	3858290	5.55E-07	30YrCancerDerived_InhSoilDermMMilk	5.55E-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	0.5553	0.037018667
2711	ALL		368930	3858315	5.85E-07	30YrCancerDerived_InhSoilDermMMilk	5.85E-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	0.5851	0.039006
2712	ALL		368930	3858340	6.14E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6142	0.040949333
2713	ALL		368930	3858365	6.49E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6488	0.043250667
2714	ALL		368930	3858390	6.85E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.685	0.045665333
2715	ALL		368930	3858415	7.24E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7241	0.048276
2716	ALL		368930	3858440	7.69E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7691	0.05127
2717	ALL		368930	3858465	8.14E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8144	0.05429
2718	ALL		368930	3858490	8.70E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8701	0.058003333
2719	ALL		368930	3858515	9.29E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9289	0.061926
2720	ALL		368930	3858540	9.99E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9989	0.066593333
2721	ALL		368930	3858565	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0816	0.072106667
2722	ALL		368930	3858590	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1759	0.078393333
2723	ALL		368930	3858615	1.29E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2946	0.086306667
2724	ALL		368930	3858640	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.4252	0.095013333
2725	ALL		368930	3858665	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.5851	0.105673333
2726	ALL		368930	3858690	1.77E-06	30YrCancerDerived_InhSoilDermMMilk	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7684	0.117893333
2727	ALL		368930	3858715	1.98E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.9766	0.131773333
2728	ALL		368930	3858740	2.22E-06	30YrCancerDerived_InhSoilDermMMilk	2.22E-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	2.2153	0.147686667
2729	ALL		368930	3858765	2.48E-06	30YrCancerDerived_InhSoilDermMMilk	2.48E-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	2.4788	0.165253333
2730	ALL		368930	3858790	2.80E-06	30YrCancerDerived_InhSoilDermMMilk	2.80E-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	2.8044	0.18696
2731	ALL		368930	3858815	3.18E-06	30YrCancerDerived_InhSoilDermMMilk	3.18E-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	3.1769	0.211793333
2732	ALL		368930	3858840	3.65E-06	30YrCancerDerived_InhSoilDermMMilk	3.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.6542	0.243613333
2733	ALL		368930	3858865	4.29E-06	30YrCancerDerived_InhSoilDermMMilk	4.29E-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	4.2942	0.28628
2734	ALL		368930	3858890	5.19E-06	30YrCancerDerived_InhSoilDermMMilk	5.19E-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	5.1856	0.345706667
2735	ALL		368930	3858915	6.63E-06	30YrCancerDerived_InhSoilDermMMilk	6.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.6263	0.441753333
2736	ALL		368930	3858940	8.97E-06	30YrCancerDerived_InhSoilDermMMilk	8.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.9662	0.597746667
2737	ALL		368930	3859165	1.67E-05	30YrCancerDerived_InhSoilDermMMilk	1.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	16.705	1.113666667
2738	ALL		368930	3859190	1.59E-05	30YrCancerDerived_InhSoilDermMMilk	1.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	15.883	1.058866667
2739	ALL		368930	3859215	1.67E-05	30YrCancerDerived_InhSoilDermMMilk	1.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	16.736	1.115733333
2740	ALL		368930	3859240	2.00E-05	30YrCancerDerived_InhSoilDermMMilk	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	19.951	1.330066667
2741	ALL		368930	3859340	1.57E-05	30YrCancerDerived_InhSoilDermMMilk	1.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	15.65	1.043333333
2742	ALL		368930	3859365	1.16E-05	30YrCancerDerived_InhSoilDermMMilk	1.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.625	0.775
2743	ALL		368930	3859390	9.23E-06	30YrCancerDerived_InhSoilDermMMilk	9.23E-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	9.2288	0.615253333
2744	ALL		368930	3859415	7.69E-06	30YrCancerDerived_InhSoilDermMMilk	7.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.6909	0.512726667
2745	ALL		368930	3859440	6.56E-06	30YrCancerDerived_InhSoilDermMMilk	6.56E-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	6.5621	0.437473333
2746	ALL		368930	3859465	5.74E-06	30YrCancerDerived_InhSoilDermMMilk	5.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.7378	0.38252
2747	ALL		368930	3859490	5.08E-06	30YrCancerDerived_InhSoilDermMMilk	5.08E-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	5.0842	0.338946667
2748	ALL		368930	3859515	4.60E-06	30YrCancerDerived_InhSoilDermMMilk	4.60E-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	4.6017	0.30678
2749	ALL		368930	3859540	4.17E-06	30YrCancerDerived_InhSoilDermMMilk	4.17E-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	4.1685	0.2779
2750	ALL		368930	3859565	3.84E-06	30YrCancerDerived_InhSoilDermMMilk	3.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.835	0.255666667
2751	ALL		368930	3859590	3.54E-06	30YrCancerDerived_InhSoilDermMMilk	3.54E-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	3.5373	0.23582
2752	ALL		368930	3859615	3.26E-06	30YrCancerDerived_InhSoilDermMMilk	3.26E-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	3.2625	0.2175
2753	ALL		368930	3859640	3.02E-06	30YrCancerDerived_InhSoilDermMMilk	3.02E-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	3.0162	0.20108
2754	ALL		368930	3859665	2.79E-06	30YrCancerDerived_InhSoilDermMMilk	2.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.7874	0.185826667
2755	ALL		368930	3859690	2.55E-06	30YrCancerDerived_InhSoilDermMMilk	2.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.5514	0.170093333
2756	ALL		368930	3859715	2.34E-06	30YrCancerDerived_InhSoilDermMMilk	2.34E-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	2.3426	0.156173333
2757	ALL		368930	3859740	2.14E-06	30YrCancerDerived_InhSoilDermMMilk	2.14E-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	2.1374	0.142493333
2758	ALL		368930	3859765	1.95E-06	30YrCancerDerived_InhSoilDermMMilk	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.946	0.129733333
2759	ALL		368930	3859790	1.78E-06	30YrCancerDerived_InhSoilDermMMilk	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7787	0.11858
2760	ALL		368930	3859815	1.61E-06	30YrCancerDerived_InhSoilDermMMilk	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.6143	0.10762
2761	ALL		368930	3859840	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.481	0.098733333
2762	ALL		368930	3859865	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3518	0.09012
2763	ALL		368955	3858265	5.19E-07	30YrCancerDerived_InhSoilDermMMilk	5.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5193	0.034617333
2764	ALL		368955	3858290	5.43E-07	30YrCancerDerived_InhSoilDermMMilk	5.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5431	0.036208
2765	ALL		368955	3858315	5.72E-07	30YrCancerDerived_InhSoilDermMMilk	5.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5718	0.038116667
2766	ALL		368955	3858340	6.00E-07	30YrCancerDerived_InhSoilDermMMilk	6.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5995	0.039969333
2767	ALL		368955	3858365	6.32E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6324	0.042156667
2768	ALL		368955	3858390	6.67E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6667	0.044444667
2769	ALL		368955	3858415	7.04E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7037	0.046911333
2770	ALL		368955	3858440	7.46E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7464	0.049757333
2771	ALL		368955	3858465	7.89E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7894	0.052629333
2772	ALL		368955	3858490	8.43E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8429	0.056194667
2773	ALL		368955	3858515	9.00E-07	30YrCancerDerived_InhSoilDermMMilk	9.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
2807	ALL		368955	3859640	2.98E-06	30YrCancerDerived_InhSoilDermMMilk	2.98E-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	2.9811	0.19874
2808	ALL		368955	3859665	2.75E-06	30YrCancerDerived_InhSoilDermMMilk	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.7498	0.18332
2809	ALL		368955	3859690	2.53E-06	30YrCancerDerived_InhSoilDermMMilk	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.5342	0.168946667
2810	ALL		368955	3859715	2.34E-06	30YrCancerDerived_InhSoilDermMMilk	2.34E-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	2.338	0.155866667
2811	ALL		368955	3859740	2.14E-06	30YrCancerDerived_InhSoilDermMMilk	2.14E-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	2.1441	0.14294
2812	ALL		368955	3859765	1.96E-06	30YrCancerDerived_InhSoilDermMMilk	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.9624	0.130826667
2813	ALL		368955	3859790	1.80E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.8015	0.1201
2814	ALL		368955	3859815	1.64E-06	30YrCancerDerived_InhSoilDermMMilk	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.6408	0.109386667
2815	ALL		368955	3859840	1.51E-06	30YrCancerDerived_InhSoilDermMMilk	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5089	0.100593333
2816	ALL		368955	3859865	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.38	0.092
2817	ALL		368980	3858265	5.08E-07	30YrCancerDerived_InhSoilDermMMilk	5.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5081	0.033876
2818	ALL		368980	3858290	5.31E-07	30YrCancerDerived_InhSoilDermMMilk	5.31E-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	0.531	0.035397333
2819	ALL		368980	3858315	5.58E-07	30YrCancerDerived_InhSoilDermMMilk	5.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5584	0.037223333
2820	ALL		368980	3858340	5.85E-07	30YrCancerDerived_InhSoilDermMMilk	5.85E-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	0.5848	0.038984
2821	ALL		368980	3858365	6.16E-07	30YrCancerDerived_InhSoilDermMMilk	6.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.6159	0.041062667
2822	ALL		368980	3858390	6.48E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6484	0.043228667
2823	ALL		368980	3858415	6.84E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6835	0.045569333
2824	ALL		368980	3858440	7.24E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7241	0.048276
2825	ALL		368980	3858465	7.65E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7653	0.051021333
2826	ALL		368980	3858490	8.17E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8169	0.05446
2827	ALL		368980	3858515	8.72E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.872	0.05813
2828	ALL		368980	3858540	9.38E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9379	0.062527333
2829	ALL		368980	3858565	1.02E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0178	0.067853333
2830	ALL		368980	3858590	1.11E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1095	0.073966667
2831	ALL		368980	3858615	1.21E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2093	0.08062
2832	ALL		368980	3858640	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3231	0.088206667
2833	ALL		368980	3858665	1.46E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.4594	0.097293333
2834	ALL		368980	3858690	1.62E-06	30YrCancerDerived_InhSoilDermMMilk	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.6162	0.107746667
2835	ALL		368980	3858715	1.79E-06	30YrCancerDerived_InhSoilDermMMilk	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7892	0.11928
2836	ALL		368980	3858740	1.98E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.9763	0.131753333
2837	ALL		368980	3858765	2.19E-06	30YrCancerDerived_InhSoilDermMMilk	2.19E-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	2.1884	0.145893333
2838	ALL		368980	3858790	2.45E-06	30YrCancerDerived_InhSoilDermMMilk	2.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.4531	0.16354
2839	ALL		368980	3858815	2.76E-06	30YrCancerDerived_InhSoilDermMMilk	2.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.7581	0.183873333
2840	ALL		368980	3858840	3.15E-06	30YrCancerDerived_InhSoilDermMMilk	3.15E-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	3.1543	0.210286667
2841	ALL		368980	3858865	3.69E-06	30YrCancerDerived_InhSoilDermMMilk	3.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.6931	0.246206667
2842	ALL		368980	3858890	4.45E-06	30YrCancerDerived_InhSoilDermMMilk	4.45E-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	4.4523	0.29682
2843	ALL		368980	3858915	5.70E-06	30YrCancerDerived_InhSoilDermMMilk	5.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.6958	0.37972
2844	ALL		368980	3858940	7.81E-06	30YrCancerDerived_InhSoilDermMMilk	7.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.8072	0.52048
2845	ALL		368980	3859140	1.80E-05	30YrCancerDerived_InhSoilDermMMilk	1.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	17.973	1.1982
2846	ALL		368980	3859165	1.45E-05	30YrCancerDerived_InhSoilDermMMilk	1.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	14.479	0.965266667
2847	ALL		368980	3859190	1.32E-05	30YrCancerDerived_InhSoilDermMMilk	1.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.246	0.883066667
2848	ALL		368980	3859215	1.38E-05	30YrCancerDerived_InhSoilDermMMilk	1.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.8	0.92
2849	ALL		368980	3859340	1.45E-05	30YrCancerDerived_InhSoilDermMMilk	1.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	14.505	0.967
2850	ALL		368980	3859365	1.10E-05	30YrCancerDerived_InhSoilDermMMilk	1.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.971	0.7314
2851	ALL		368980	3859390	8.82E-06	30YrCancerDerived_InhSoilDermMMilk	8.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.8162	0.587746667
2852	ALL		368980	3859415	7.44E-06	30YrCancerDerived_InhSoilDermMMilk	7.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.4368	0.495786667
2853	ALL		368980	3859440	6.37E-06	30YrCancerDerived_InhSoilDermMMilk	6.37E-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	6.3747	0.42498
2854	ALL		368980	3859465	5.56E-06	30YrCancerDerived_InhSoilDermMMilk	5.56E-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	5.5617	0.37078
2855	ALL		368980	3859490	4.93E-06	30YrCancerDerived_InhSoilDermMMilk	4.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.9293	0.32862
2856	ALL		368980	3859515	4.45E-06	30YrCancerDerived_InhSoilDermMMilk	4.45E-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	4.4533	0.296886667
2857	ALL		368980	3859540	4.03E-06	30YrCancerDerived_InhSoilDermMMilk	4.03E-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	4.0262	0.268413333
2858	ALL		368980	3859565	3.70E-06	30YrCancerDerived_InhSoilDermMMilk	3.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.6954	0.24636
2859	ALL		368980	3859590	3.40E-06	30YrCancerDerived_InhSoilDermMMilk	3.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.4046	0.226973333
2860	ALL		368980	3859615	3.15E-06	30YrCancerDerived_InhSoilDermMMilk	3.15E-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	3.1497	0.20998
2861	ALL		368980	3859640	2.93E-06	30YrCancerDerived_InhSoilDermMMilk	2.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.9328	0.19552
2862	ALL		368980	3859665	2.71E-06	30YrCancerDerived_InhSoilDermMMilk	2.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.7123	0.18082
2863	ALL		368980	3859690	2.53E-06	30YrCancerDerived_InhSoilDermMMilk	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.5256	0.168373333
2864	ALL		368980	3859715	2.33E-06	30YrCancerDerived_InhSoilDermMMilk	2.33E-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	2.3322	0.15548
2865	ALL		368980	3859740	2.14E-06	30YrCancerDerived_InhSoilDermMMilk	2.14E-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	2.1433	0.142886667
2866	ALL		368980	3859765	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.9713	0.13142
2867	ALL		368980	3859790	1.82E-06	30YrCancerDerived_InhSoilDermMMilk	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8174	0.12116
2868	ALL		368980	3859815	1.66E-06	30YrCancerDerived_InhSoilDermMMilk	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.6617	0.11078
2869	ALL		368980	3859840	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5324	0.10216
2870	ALL		368980	3859865	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.4046	0.09364
2871	ALL		369005	3858265	4.97E-07	30YrCancerDerived_InhSoilDermMMilk	4.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4972	0.033144
2872	ALL		369005	3858290	5.19E-07	30YrCancerDerived_InhSoilDermMMilk	5.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5189	0.034595333
2873	ALL		369005	3858315	5.45E-07	30YrCancerDerived_InhSoilDermMMilk	5.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5451	0.036338667
2874	ALL		369005	3858340	5.70E-07	30YrCancerDerived_InhSoilDermMMilk	5.70E-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	0.5701	0.038003333
2875	ALL		369005	3858365	6.00E-07	30YrCancerDerived_InhSoilDermMMilk	6.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5997	0.039978
2876	ALL		369005	3858390	6.30E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6305	0.042030667
2877	ALL		369005	3858415	6.64E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6638	0.044253333
2878	ALL		369005	3858440	7.03E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7027	0.046846
2879	ALL		369005	3858465	7.42E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7423	0.049487333
2880	ALL		369005	3858490	7.92E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7923	0.052817333
2881	ALL		369005	3858515	8.46E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8457	0.056382
2882	ALL		369005	3858540	9.10E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9096	0.06064
2883	ALL		369005	3858565	9.84E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9843	0.065621333
2884	ALL		369005	3858590	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0674	0.07116
2885	ALL		369005	3858615	1.17E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1667	0.07778
2886	ALL		369005	3858640	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2791	0.085273333
2887	ALL		369005	3858665	1.40E-06	30YrCancerDerived_InhSoilDermMMilk	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.4004	0.09336
2888	ALL		369005	3858690	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5344	0.102293333
2889	ALL		369005	3858715	1.69E-06	30YrCancerDerived_InhSoilDermMMilk	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.6869	0.11246
2890	ALL		369005	3858740	1.86E-06	30YrCancerDerived_InhSoilDermMMilk	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8623	0.124153333
2891	ALL		369005	3858765	2.05E-06	30YrCancerDerived_InhSoilDermMMilk	2.05E-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	2.0516	0.136773333
2892	ALL		369005	3858790	2.29E-06	30YrCancerDerived_InhSoilDermMMilk	2.29E-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	2.2881	0.15254
2893	ALL		369005	3858815	2.56E-06	30YrCancerDerived_InhSoilDermMMilk	2.56E-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	2.56	0.170666667
2894	ALL		369005	3858840	2.91E-06	30YrCancerDerived_InhSoilDermMMilk	2.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.9124	0.19416
2895	ALL		369005	3858865	3.39E-06	30YrCancerDerived_InhSoilDermMMilk	3.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
2929	ALL		369030	3858365	5.84E-07	30YrCancerDerived_InhSoilDermMMilk	5.84E-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	0.5837	0.038914667
2930	ALL		369030	3858390	6.13E-07	30YrCancerDerived_InhSoilDermMMilk	6.13E-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	0.613	0.040866667
2931	ALL		369030	3858415	6.45E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6449	0.042993333
2932	ALL		369030	3858440	6.82E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6823	0.045486667
2933	ALL		369030	3858465	7.21E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7207	0.048044667
2934	ALL		369030	3858490	7.69E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7692	0.051282667
2935	ALL		369030	3858515	8.21E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8212	0.054743333
2936	ALL		369030	3858540	8.83E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8828	0.058853333
2937	ALL		369030	3858565	9.55E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9555	0.063699333
2938	ALL		369030	3858590	1.04E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0364	0.069093333
2939	ALL		369030	3858615	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1252	0.075013333
2940	ALL		369030	3858640	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.23	0.082
2941	ALL		369030	3858665	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.34	0.089333333
2942	ALL		369030	3858690	1.46E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.4635	0.097566667
2943	ALL		369030	3858715	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.6024	0.106826667
2944	ALL		369030	3858740	1.76E-06	30YrCancerDerived_InhSoilDermMMilk	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7557	0.117046667
2945	ALL		369030	3858765	1.93E-06	30YrCancerDerived_InhSoilDermMMilk	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.934	0.128933333
2946	ALL		369030	3858790	2.14E-06	30YrCancerDerived_InhSoilDermMMilk	2.14E-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	2.1358	0.142386667
2947	ALL		369030	3858815	2.37E-06	30YrCancerDerived_InhSoilDermMMilk	2.37E-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	2.3736	0.15824
2948	ALL		369030	3858840	2.68E-06	30YrCancerDerived_InhSoilDermMMilk	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.6813	0.178753333
2949	ALL		369030	3858865	3.09E-06	30YrCancerDerived_InhSoilDermMMilk	3.09E-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	3.0878	0.205853333
2950	ALL		369030	3858890	3.64E-06	30YrCancerDerived_InhSoilDermMMilk	3.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.6392	0.242613333
2951	ALL		369030	3858915	4.52E-06	30YrCancerDerived_InhSoilDermMMilk	4.52E-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	4.5214	0.301426667
2952	ALL		369030	3858940	6.03E-06	30YrCancerDerived_InhSoilDermMMilk	6.03E-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	6.0323	0.402153333
2953	ALL		369030	3859140	1.60E-05	30YrCancerDerived_InhSoilDermMMilk	1.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	15.998	1.066533333
2954	ALL		369030	3859165	1.27E-05	30YrCancerDerived_InhSoilDermMMilk	1.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.687	0.8458
2955	ALL		369030	3859190	1.13E-05	30YrCancerDerived_InhSoilDermMMilk	1.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.307	0.7538
2956	ALL		369030	3859215	1.14E-05	30YrCancerDerived_InhSoilDermMMilk	1.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.432	0.762133333
2957	ALL		369030	3859340	1.30E-05	30YrCancerDerived_InhSoilDermMMilk	1.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.037	0.869133333
2958	ALL		369030	3859365	1.00E-05	30YrCancerDerived_InhSoilDermMMilk	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.049	0.669933333
2959	ALL		369030	3859390	8.22E-06	30YrCancerDerived_InhSoilDermMMilk	8.22E-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	8.2231	0.548206667
2960	ALL		369030	3859415	7.04E-06	30YrCancerDerived_InhSoilDermMMilk	7.04E-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	7.0383	0.46922
2961	ALL		369030	3859440	6.10E-06	30YrCancerDerived_InhSoilDermMMilk	6.10E-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	6.1045	0.406966667
2962	ALL		369030	3859465	5.37E-06	30YrCancerDerived_InhSoilDermMMilk	5.37E-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	5.3682	0.35788
2963	ALL		369030	3859490	4.78E-06	30YrCancerDerived_InhSoilDermMMilk	4.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.7807	0.318713333
2964	ALL		369030	3859515	4.33E-06	30YrCancerDerived_InhSoilDermMMilk	4.33E-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	4.3274	0.288493333
2965	ALL		369030	3859540	3.92E-06	30YrCancerDerived_InhSoilDermMMilk	3.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.915	0.261
2966	ALL		369030	3859565	3.59E-06	30YrCancerDerived_InhSoilDermMMilk	3.59E-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	3.5901	0.23934
2967	ALL		369030	3859590	3.30E-06	30YrCancerDerived_InhSoilDermMMilk	3.30E-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	3.304	0.220266667
2968	ALL		369030	3859615	3.05E-06	30YrCancerDerived_InhSoilDermMMilk	3.05E-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	3.0548	0.203653333
2969	ALL		369030	3859640	2.85E-06	30YrCancerDerived_InhSoilDermMMilk	2.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.8457	0.189713333
2970	ALL		369030	3859665	2.64E-06	30YrCancerDerived_InhSoilDermMMilk	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.6387	0.175913333
2971	ALL		369030	3859690	2.45E-06	30YrCancerDerived_InhSoilDermMMilk	2.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.448	0.1632
2972	ALL		369030	3859715	2.28E-06	30YrCancerDerived_InhSoilDermMMilk	2.28E-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	2.2849	0.152326667
2973	ALL		369030	3859740	2.12E-06	30YrCancerDerived_InhSoilDermMMilk	2.12E-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	2.1235	0.141566667
2974	ALL		369030	3859765	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.969	0.131266667
2975	ALL		369030	3859790	1.83E-06	30YrCancerDerived_InhSoilDermMMilk	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8295	0.121966667
2976	ALL		369030	3859815	1.69E-06	30YrCancerDerived_InhSoilDermMMilk	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.6853	0.112353333
2977	ALL		369030	3859840	1.56E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.564	0.104266667
2978	ALL		369030	3859865	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.4414	0.096093333
2979	ALL		369055	3858265	4.75E-07	30YrCancerDerived_InhSoilDermMMilk	4.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4754	0.031692667
2980	ALL		369055	3858290	4.95E-07	30YrCancerDerived_InhSoilDermMMilk	4.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4951	0.033009333
2981	ALL		369055	3858315	5.19E-07	30YrCancerDerived_InhSoilDermMMilk	5.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5189	0.034591333
2982	ALL		369055	3858340	5.41E-07	30YrCancerDerived_InhSoilDermMMilk	5.41E-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	0.5414	0.03609
2983	ALL		369055	3858365	5.68E-07	30YrCancerDerived_InhSoilDermMMilk	5.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5682	0.037877333
2984	ALL		369055	3858390	5.96E-07	30YrCancerDerived_InhSoilDermMMilk	5.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5962	0.039746667
2985	ALL		369055	3858415	6.27E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6269	0.041795333
2986	ALL		369055	3858440	6.63E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6631	0.044209333
2987	ALL		369055	3858465	7.00E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7005	0.046698
2988	ALL		369055	3858490	7.48E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7477	0.049849333
2989	ALL		369055	3858515	8.00E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8001	0.05334
2990	ALL		369055	3858540	8.59E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8591	0.057275333
2991	ALL		369055	3858565	9.27E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9271	0.061808
2992	ALL		369055	3858590	1.00E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0045	0.066966667
2993	ALL		369055	3858615	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0848	0.07232
2994	ALL		369055	3858640	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.181	0.078733333
2995	ALL		369055	3858665	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.281	0.0854
2996	ALL		369055	3858690	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3943	0.092953333
2997	ALL		369055	3858715	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.5202	0.101346667
2998	ALL		369055	3858740	1.66E-06	30YrCancerDerived_InhSoilDermMMilk	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.6553	0.110353333
2999	ALL		369055	3858765	1.82E-06	30YrCancerDerived_InhSoilDermMMilk	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8187	0.121246667
3000	ALL		369055	3858790	1.99E-06	30YrCancerDerived_InhSoilDermMMilk	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.9944	0.13296
3001	ALL		369055	3858815	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.2023	0.14682
3002	ALL		369055	3858840	2.47E-06	30YrCancerDerived_InhSoilDermMMilk	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.468	0.164533333
3003	ALL		369055	3858865	2.81E-06	30YrCancerDerived_InhSoilDermMMilk	2.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.8092	0.18728
3004	ALL		369055	3858890	3.25E-06	30YrCancerDerived_InhSoilDermMMilk	3.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.2526	0.21684
3005	ALL		369055	3858915	3.92E-06	30YrCancerDerived_InhSoilDermMMilk	3.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.9214	0.261426667
3006	ALL		369055	3858940	4.93E-06	30YrCancerDerived_InhSoilDermMMilk	4.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.932	0.3288
3007	ALL		369055	3859140	1.46E-05	30YrCancerDerived_InhSoilDermMMilk	1.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	14.646	0.9764
3008	ALL		369055	3859165	1.17E-05	30YrCancerDerived_InhSoilDermMMilk	1.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.715	0.781
3009	ALL		369055	3859190	1.03E-05	30YrCancerDerived_InhSoilDermMMilk	1.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.338	0.6892
3010	ALL		369055	3859215	1.01E-05	30YrCancerDerived_InhSoilDermMMilk	1.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.051	0.670066667
3011	ALL		369055	3859340	1.21E-05	30YrCancerDerived_InhSoilDermMMilk	1.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.05	0.803333333
3012	ALL		369055	3859365	9.47E-06	30YrCancerDerived_InhSoilDermMMilk	9.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.4703	0.631353333
3013	ALL		369055	3859390	7.85E-06	30YrCancerDerived_InhSoilDermMMilk	7.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.8501	0.52334
3014	ALL		369055	3859415	6.78E-06	30YrCancerDerived_InhSoilDermMMilk	6.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.7815	0.4521
3015	ALL		369055	3859440	5.93E-06	30YrCancerDerived_InhSoilDermMMilk	5.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.9265	0.3951
3016	ALL		369055	3859465	5.25E-06	30YrCancerDerived_InhSoilDermMMilk	5.25E-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	5.2502	0.350013333
3017	ALL		369055	3859490	4.71E-06	30YrCancerDerived_InhSoilDermMMilk	4.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
3051	ALL		369080	3858715	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.4404	0.096026667
3052	ALL		369080	3858740	1.56E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.5616	0.104106667
3053	ALL		369080	3858765	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7083	0.113886667
3054	ALL		369080	3858790	1.86E-06	30YrCancerDerived_InhSoilDermMMilk	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8645	0.1243
3055	ALL		369080	3858815	2.05E-06	30YrCancerDerived_InhSoilDermMMilk	2.05E-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	2.047	0.136466667
3056	ALL		369080	3858840	2.28E-06	30YrCancerDerived_InhSoilDermMMilk	2.28E-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	2.2762	0.151746667
3057	ALL		369080	3858865	2.56E-06	30YrCancerDerived_InhSoilDermMMilk	2.56E-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	2.5624	0.170826667
3058	ALL		369080	3858890	2.92E-06	30YrCancerDerived_InhSoilDermMMilk	2.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.9209	0.194726667
3059	ALL		369080	3858915	3.44E-06	30YrCancerDerived_InhSoilDermMMilk	3.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.4371	0.22914
3060	ALL		369080	3858940	4.17E-06	30YrCancerDerived_InhSoilDermMMilk	4.17E-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	4.1714	0.278093333
3061	ALL		369080	3858965	5.44E-06	30YrCancerDerived_InhSoilDermMMilk	5.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44	0.362666667
3062	ALL		369080	3858990	7.28E-06	30YrCancerDerived_InhSoilDermMMilk	7.28E-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	7.2824	0.485493333
3063	ALL		369080	3859015	9.30E-06	30YrCancerDerived_InhSoilDermMMilk	9.30E-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	9.3042	0.62028
3064	ALL		369080	3859040	1.09E-05	30YrCancerDerived_InhSoilDermMMilk	1.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.907	0.727133333
3065	ALL		369080	3859065	1.23E-05	30YrCancerDerived_InhSoilDermMMilk	1.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.298	0.819866667
3066	ALL		369080	3859090	1.30E-05	30YrCancerDerived_InhSoilDermMMilk	1.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.966	0.8644
3067	ALL		369080	3859115	1.32E-05	30YrCancerDerived_InhSoilDermMMilk	1.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.178	0.878533333
3068	ALL		369080	3859140	1.23E-05	30YrCancerDerived_InhSoilDermMMilk	1.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.308	0.820533333
3069	ALL		369080	3859165	1.06E-05	30YrCancerDerived_InhSoilDermMMilk	1.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.587	0.7058
3070	ALL		369080	3859190	9.41E-06	30YrCancerDerived_InhSoilDermMMilk	9.41E-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	9.4067	0.627113333
3071	ALL		369080	3859215	8.93E-06	30YrCancerDerived_InhSoilDermMMilk	8.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.932	0.595466667
3072	ALL		369080	3859240	9.25E-06	30YrCancerDerived_InhSoilDermMMilk	9.25E-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	9.2507	0.616713333
3073	ALL		369080	3859265	1.05E-05	30YrCancerDerived_InhSoilDermMMilk	1.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.51	0.700666667
3074	ALL		369080	3859290	1.18E-05	30YrCancerDerived_InhSoilDermMMilk	1.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.763	0.7842
3075	ALL		369080	3859315	1.17E-05	30YrCancerDerived_InhSoilDermMMilk	1.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.748	0.7832
3076	ALL		369080	3859340	1.04E-05	30YrCancerDerived_InhSoilDermMMilk	1.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.441	0.696066667
3077	ALL		369080	3859365	8.76E-06	30YrCancerDerived_InhSoilDermMMilk	8.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.7562	0.583746667
3078	ALL		369080	3859390	7.42E-06	30YrCancerDerived_InhSoilDermMMilk	7.42E-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	7.4164	0.494426667
3079	ALL		369080	3859415	6.49E-06	30YrCancerDerived_InhSoilDermMMilk	6.49E-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	6.4853	0.432353333
3080	ALL		369080	3859440	5.72E-06	30YrCancerDerived_InhSoilDermMMilk	5.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.7196	0.381306667
3081	ALL		369080	3859465	5.11E-06	30YrCancerDerived_InhSoilDermMMilk	5.11E-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	5.1096	0.34064
3082	ALL		369080	3859490	4.62E-06	30YrCancerDerived_InhSoilDermMMilk	4.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.6168	0.307786667
3083	ALL		369080	3859515	4.17E-06	30YrCancerDerived_InhSoilDermMMilk	4.17E-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	4.1709	0.27806
3084	ALL		369080	3859540	3.79E-06	30YrCancerDerived_InhSoilDermMMilk	3.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.7894	0.252626667
3085	ALL		369080	3859565	3.48E-06	30YrCancerDerived_InhSoilDermMMilk	3.48E-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	3.483	0.2322
3086	ALL		369080	3859590	3.21E-06	30YrCancerDerived_InhSoilDermMMilk	3.21E-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	3.2093	0.213953333
3087	ALL		369080	3859615	2.97E-06	30YrCancerDerived_InhSoilDermMMilk	2.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.9691	0.19794
3088	ALL		369080	3859640	2.77E-06	30YrCancerDerived_InhSoilDermMMilk	2.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.7671	0.184473333
3089	ALL		369080	3859665	2.57E-06	30YrCancerDerived_InhSoilDermMMilk	2.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.5697	0.171313333
3090	ALL		369080	3859690	2.41E-06	30YrCancerDerived_InhSoilDermMMilk	2.41E-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	2.4079	0.160526667
3091	ALL		369080	3859715	2.25E-06	30YrCancerDerived_InhSoilDermMMilk	2.25E-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	2.2455	0.1497
3092	ALL		369080	3859740	2.09E-06	30YrCancerDerived_InhSoilDermMMilk	2.09E-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	2.0898	0.13932
3093	ALL		369080	3859765	1.95E-06	30YrCancerDerived_InhSoilDermMMilk	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.9493	0.129953333
3094	ALL		369080	3859790	1.82E-06	30YrCancerDerived_InhSoilDermMMilk	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8225	0.1215
3095	ALL		369080	3859815	1.69E-06	30YrCancerDerived_InhSoilDermMMilk	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69	0.112666667
3096	ALL		369080	3859840	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5778	0.105186667
3097	ALL		369080	3859865	1.46E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.4627	0.097513333
3098	ALL		369105	3858265	4.54E-07	30YrCancerDerived_InhSoilDermMMilk	4.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4538	0.030254667
3099	ALL		369105	3858290	4.72E-07	30YrCancerDerived_InhSoilDermMMilk	4.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4717	0.031444667
3100	ALL		369105	3858315	4.93E-07	30YrCancerDerived_InhSoilDermMMilk	4.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4934	0.032891333
3101	ALL		369105	3858340	5.14E-07	30YrCancerDerived_InhSoilDermMMilk	5.14E-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	0.5138	0.034255333
3102	ALL		369105	3858365	5.38E-07	30YrCancerDerived_InhSoilDermMMilk	5.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5382	0.035876667
3103	ALL		369105	3858390	5.64E-07	30YrCancerDerived_InhSoilDermMMilk	5.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5644	0.037624667
3104	ALL		369105	3858415	5.94E-07	30YrCancerDerived_InhSoilDermMMilk	5.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5937	0.039581333
3105	ALL		369105	3858440	6.28E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6281	0.041873333
3106	ALL		369105	3858465	6.64E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6636	0.04424
3107	ALL		369105	3858490	7.08E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7081	0.047208
3108	ALL		369105	3858515	7.58E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7579	0.050524667
3109	ALL		369105	3858540	8.11E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8114	0.054094
3110	ALL		369105	3858565	8.71E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8709	0.05806
3111	ALL		369105	3858590	9.38E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9383	0.062553333
3112	ALL		369105	3858615	1.01E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0064	0.067093333
3113	ALL		369105	3858640	1.09E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0873	0.072486667
3114	ALL		369105	3858665	1.17E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1698	0.077986667
3115	ALL		369105	3858690	1.26E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2625	0.084166667
3116	ALL		369105	3858715	1.37E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3651	0.091006667
3117	ALL		369105	3858740	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.474	0.098266667
3118	ALL		369105	3858765	1.60E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.6038	0.10692
3119	ALL		369105	3858790	1.74E-06	30YrCancerDerived_InhSoilDermMMilk	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7448	0.11632
3120	ALL		369105	3858815	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.9061	0.127073333
3121	ALL		369105	3858840	2.11E-06	30YrCancerDerived_InhSoilDermMMilk	2.11E-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	2.1051	0.14034
3122	ALL		369105	3858865	2.35E-06	30YrCancerDerived_InhSoilDermMMilk	2.35E-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	2.3494	0.156626667
3123	ALL		369105	3858890	2.65E-06	30YrCancerDerived_InhSoilDermMMilk	2.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.6502	0.17668
3124	ALL		369105	3858915	3.08E-06	30YrCancerDerived_InhSoilDermMMilk	3.08E-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	3.0793	0.205286667
3125	ALL		369105	3858940	3.68E-06	30YrCancerDerived_InhSoilDermMMilk	3.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.6751	0.245006667
3126	ALL		369105	3858965	4.51E-06	30YrCancerDerived_InhSoilDermMMilk	4.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.5058	0.300386667
3127	ALL		369105	3858990	5.56E-06	30YrCancerDerived_InhSoilDermMMilk	5.56E-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	5.5553	0.370353333
3128	ALL		369105	3859015	6.83E-06	30YrCancerDerived_InhSoilDermMMilk	6.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.8281	0.455206667
3129	ALL		369105	3859040	8.04E-06	30YrCancerDerived_InhSoilDermMMilk	8.04E-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	8.0369	0.535793333
3130	ALL		369105	3859065	9.13E-06	30YrCancerDerived_InhSoilDermMMilk	9.13E-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	9.1327	0.608846667
3131	ALL		369105	3859090	9.75E-06	30YrCancerDerived_InhSoilDermMMilk	9.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.7525	0.650166667
3132	ALL		369105	3859115	1.00E-05	30YrCancerDerived_InhSoilDermMMilk	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.017	0.6678
3133	ALL		369105	3859140	9.84E-06	30YrCancerDerived_InhSoilDermMMilk	9.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.8429	0.656193333
3134	ALL		369105	3859165	9.23E-06	30YrCancerDerived_InhSoilDermMMilk	9.23E-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	9.2303	0.615353333
3135	ALL		369105	3859190	8.51E-06	30YrCancerDerived_InhSoilDermMMilk	8.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.507	0.567133333
3136	ALL		369105	3859215	8.10E-06	30YrCancerDerived_InhSoilDermMMilk	8.10E-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	8.1024	0.54016
3137	ALL		369105	3859240	8.09E-06	30YrCancerDerived_InhSoilDermMMilk	8.09E-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	8.0879	0.539193333
3138	ALL		369105	3859265	8.40E-06	30YrCancerDerived_InhSoilDermMMilk	8.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.3964	0.55976
3139	ALL		369105	3859290	8.82E-06	30YrCancerDerived_InhSoilDermMMilk	8.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
3173	ALL		369130	3858515	7.34E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7339	0.048929333
3174	ALL		369130	3858540	7.85E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7849	0.052324667
3175	ALL		369130	3858565	8.43E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8431	0.056208
3176	ALL		369130	3858590	9.05E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9055	0.060365333
3177	ALL		369130	3858615	9.68E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9679	0.064523333
3178	ALL		369130	3858640	1.04E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0418	0.069453333
3179	ALL		369130	3858665	1.12E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1168	0.074453333
3180	ALL		369130	3858690	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.201	0.080066667
3181	ALL		369130	3858715	1.29E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2939	0.08626
3182	ALL		369130	3858740	1.39E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3911	0.09274
3183	ALL		369130	3858765	1.50E-06	30YrCancerDerived_InhSoilDermMMilk	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.4997	0.09998
3184	ALL		369130	3858790	1.63E-06	30YrCancerDerived_InhSoilDermMMilk	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.6339	0.108926667
3185	ALL		369130	3858815	1.78E-06	30YrCancerDerived_InhSoilDermMMilk	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7794	0.118626667
3186	ALL		369130	3858840	1.96E-06	30YrCancerDerived_InhSoilDermMMilk	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.955	0.130333333
3187	ALL		369130	3858865	2.17E-06	30YrCancerDerived_InhSoilDermMMilk	2.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.1696	0.14464
3188	ALL		369130	3858890	2.43E-06	30YrCancerDerived_InhSoilDermMMilk	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.4344	0.162293333
3189	ALL		369130	3858915	2.81E-06	30YrCancerDerived_InhSoilDermMMilk	2.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.8097	0.187313333
3190	ALL		369130	3858940	3.30E-06	30YrCancerDerived_InhSoilDermMMilk	3.30E-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	3.2965	0.219766667
3191	ALL		369130	3858965	3.90E-06	30YrCancerDerived_InhSoilDermMMilk	3.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.899	0.259933333
3192	ALL		369130	3858990	4.60E-06	30YrCancerDerived_InhSoilDermMMilk	4.60E-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	4.6011	0.30674
3193	ALL		369130	3859015	5.41E-06	30YrCancerDerived_InhSoilDermMMilk	5.41E-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	5.4097	0.360646667
3194	ALL		369130	3859040	6.25E-06	30YrCancerDerived_InhSoilDermMMilk	6.25E-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	6.2529	0.41686
3195	ALL		369130	3859065	7.08E-06	30YrCancerDerived_InhSoilDermMMilk	7.08E-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	7.0771	0.471806667
3196	ALL		369130	3859090	7.61E-06	30YrCancerDerived_InhSoilDermMMilk	7.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.6115	0.507433333
3197	ALL		369130	3859115	7.93E-06	30YrCancerDerived_InhSoilDermMMilk	7.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.925	0.528333333
3198	ALL		369130	3859140	8.02E-06	30YrCancerDerived_InhSoilDermMMilk	8.02E-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	8.0153	0.534353333
3199	ALL		369130	3859165	7.89E-06	30YrCancerDerived_InhSoilDermMMilk	7.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.8865	0.525766667
3200	ALL		369130	3859190	7.60E-06	30YrCancerDerived_InhSoilDermMMilk	7.60E-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	7.5966	0.50644
3201	ALL		369130	3859215	7.36E-06	30YrCancerDerived_InhSoilDermMMilk	7.36E-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	7.3568	0.490453333
3202	ALL		369130	3859240	7.23E-06	30YrCancerDerived_InhSoilDermMMilk	7.23E-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	7.2337	0.482246667
3203	ALL		369130	3859265	7.23E-06	30YrCancerDerived_InhSoilDermMMilk	7.23E-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	7.2265	0.481766667
3204	ALL		369130	3859290	7.24E-06	30YrCancerDerived_InhSoilDermMMilk	7.24E-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	7.242	0.4828
3205	ALL		369130	3859315	7.24E-06	30YrCancerDerived_InhSoilDermMMilk	7.24E-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	7.2394	0.482626667
3206	ALL		369130	3859340	7.17E-06	30YrCancerDerived_InhSoilDermMMilk	7.17E-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	7.1704	0.478026667
3207	ALL		369130	3859365	6.86E-06	30YrCancerDerived_InhSoilDermMMilk	6.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.8564	0.457093333
3208	ALL		369130	3859390	6.33E-06	30YrCancerDerived_InhSoilDermMMilk	6.33E-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	6.3341	0.422273333
3209	ALL		369130	3859415	5.79E-06	30YrCancerDerived_InhSoilDermMMilk	5.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.7851	0.385673333
3210	ALL		369130	3859440	5.24E-06	30YrCancerDerived_InhSoilDermMMilk	5.24E-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	5.2391	0.349273333
3211	ALL		369130	3859465	4.76E-06	30YrCancerDerived_InhSoilDermMMilk	4.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.7641	0.317606667
3212	ALL		369130	3859490	4.36E-06	30YrCancerDerived_InhSoilDermMMilk	4.36E-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	4.3602	0.29068
3213	ALL		369130	3859515	3.98E-06	30YrCancerDerived_InhSoilDermMMilk	3.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.9796	0.265306667
3214	ALL		369130	3859540	3.67E-06	30YrCancerDerived_InhSoilDermMMilk	3.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.6694	0.244626667
3215	ALL		369130	3859565	3.38E-06	30YrCancerDerived_InhSoilDermMMilk	3.38E-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	3.3773	0.225153333
3216	ALL		369130	3859590	3.11E-06	30YrCancerDerived_InhSoilDermMMilk	3.11E-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	3.1144	0.207626667
3217	ALL		369130	3859615	2.89E-06	30YrCancerDerived_InhSoilDermMMilk	2.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.8892	0.192613333
3218	ALL		369130	3859640	2.70E-06	30YrCancerDerived_InhSoilDermMMilk	2.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.6969	0.179793333
3219	ALL		369130	3859665	2.51E-06	30YrCancerDerived_InhSoilDermMMilk	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.5093	0.167286667
3220	ALL		369130	3859690	2.36E-06	30YrCancerDerived_InhSoilDermMMilk	2.36E-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	2.3553	0.15702
3221	ALL		369130	3859715	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.2019	0.146793333
3222	ALL		369130	3859740	2.06E-06	30YrCancerDerived_InhSoilDermMMilk	2.06E-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	2.0646	0.13764
3223	ALL		369130	3859765	1.94E-06	30YrCancerDerived_InhSoilDermMMilk	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.937	0.129133333
3224	ALL		369130	3859790	1.81E-06	30YrCancerDerived_InhSoilDermMMilk	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8081	0.12054
3225	ALL		369130	3859815	1.69E-06	30YrCancerDerived_InhSoilDermMMilk	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.6858	0.112386667
3226	ALL		369130	3859840	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5819	0.10546
3227	ALL		369130	3859865	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.4743	0.098286667
3228	ALL		369155	3858265	4.32E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.4323	0.028820667
3229	ALL		369155	3858290	4.49E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.4487	0.02991
3230	ALL		369155	3858315	4.69E-07	30YrCancerDerived_InhSoilDermMMilk	4.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4687	0.031248
3231	ALL		369155	3858340	4.88E-07	30YrCancerDerived_InhSoilDermMMilk	4.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4878	0.032516667
3232	ALL		369155	3858365	5.09E-07	30YrCancerDerived_InhSoilDermMMilk	5.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5087	0.033911333
3233	ALL		369155	3858390	5.34E-07	30YrCancerDerived_InhSoilDermMMilk	5.34E-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	0.5338	0.035584667
3234	ALL		369155	3858415	5.62E-07	30YrCancerDerived_InhSoilDermMMilk	5.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5623	0.037489333
3235	ALL		369155	3858440	5.93E-07	30YrCancerDerived_InhSoilDermMMilk	5.93E-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	0.5929	0.039524667
3236	ALL		369155	3858465	6.29E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6295	0.041965333
3237	ALL		369155	3858490	6.71E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6709	0.044724
3238	ALL		369155	3858515	7.13E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7131	0.047539333
3239	ALL		369155	3858540	7.61E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7609	0.050729333
3240	ALL		369155	3858565	8.15E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8151	0.054342667
3241	ALL		369155	3858590	8.73E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8727	0.058177333
3242	ALL		369155	3858615	9.30E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9297	0.061982667
3243	ALL		369155	3858640	9.97E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9974	0.066493333
3244	ALL		369155	3858665	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0656	0.07104
3245	ALL		369155	3858690	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1421	0.07614
3246	ALL		369155	3858715	1.23E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2268	0.081786667
3247	ALL		369155	3858740	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3152	0.08768
3248	ALL		369155	3858765	1.41E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.4139	0.09426
3249	ALL		369155	3858790	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.5355	0.102366667
3250	ALL		369155	3858815	1.67E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.6669	0.111126667
3251	ALL		369155	3858840	1.83E-06	30YrCancerDerived_InhSoilDermMMilk	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8255	0.1217
3252	ALL		369155	3858865	2.02E-06	30YrCancerDerived_InhSoilDermMMilk	2.02E-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	2.0202	0.13468
3253	ALL		369155	3858890	2.26E-06	30YrCancerDerived_InhSoilDermMMilk	2.26E-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	2.2611	0.15074
3254	ALL		369155	3858915	2.59E-06	30YrCancerDerived_InhSoilDermMMilk	2.59E-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	2.5922	0.172813333
3255	ALL		369155	3858940	2.99E-06	30YrCancerDerived_InhSoilDermMMilk	2.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.9907	0.19938
3256	ALL		369155	3858965	3.47E-06	30YrCancerDerived_InhSoilDermMMilk	3.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.4684	0.231226667
3257	ALL		369155	3858990	3.98E-06	30YrCancerDerived_InhSoilDermMMilk	3.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.977	0.265133333
3258	ALL		369155	3859015	4.51E-06	30YrCancerDerived_InhSoilDermMMilk	4.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.5117	0.30078
3259	ALL		369155	3859040	5.09E-06	30YrCancerDerived_InhSoilDermMMilk	5.09E-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	5.0899	0.339326667
3260	ALL		369155	3859065	5.69E-06	30YrCancerDerived_InhSoilDermMMilk	5.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.685	0.379
3261	ALL		369155	3859090	6.13E-06	30YrCancerDerived_InhSoilDermMMilk	6.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
3295	ALL		369180	3858315	4.57E-07	30YrCancerDerived_InhSoilDermMMilk	4.57E-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	0.4568	0.030450667
3296	ALL		369180	3858340	4.75E-07	30YrCancerDerived_InhSoilDermMMilk	4.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4753	0.031684
3297	ALL		369180	3858365	4.96E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.4957	0.033044
3298	ALL		369180	3858390	5.20E-07	30YrCancerDerived_InhSoilDermMMilk	5.20E-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	0.5202	0.034678
3299	ALL		369180	3858415	5.48E-07	30YrCancerDerived_InhSoilDermMMilk	5.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5478	0.036522
3300	ALL		369180	3858440	5.77E-07	30YrCancerDerived_InhSoilDermMMilk	5.77E-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	0.5771	0.038474
3301	ALL		369180	3858465	6.13E-07	30YrCancerDerived_InhSoilDermMMilk	6.13E-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	0.6128	0.040854
3302	ALL		369180	3858490	6.50E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6496	0.043303333
3303	ALL		369180	3858515	6.91E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6908	0.046053333
3304	ALL		369180	3858540	7.37E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7368	0.049116667
3305	ALL		369180	3858565	7.86E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7857	0.052381333
3306	ALL		369180	3858590	8.36E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8361	0.055741333
3307	ALL		369180	3858615	8.92E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.892	0.059467333
3308	ALL		369180	3858640	9.50E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.95	0.063333333
3309	ALL		369180	3858665	1.01E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0145	0.067633333
3310	ALL		369180	3858690	1.08E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0839	0.07226
3311	ALL		369180	3858715	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.16	0.077333333
3312	ALL		369180	3858740	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2454	0.083026667
3313	ALL		369180	3858765	1.34E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.336	0.089066667
3314	ALL		369180	3858790	1.45E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.4474	0.096493333
3315	ALL		369180	3858815	1.57E-06	30YrCancerDerived_InhSoilDermMMilk	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5683	0.104553333
3316	ALL		369180	3858840	1.72E-06	30YrCancerDerived_InhSoilDermMMilk	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.715	0.114333333
3317	ALL		369180	3858865	1.90E-06	30YrCancerDerived_InhSoilDermMMilk	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8959	0.126393333
3318	ALL		369180	3858890	2.12E-06	30YrCancerDerived_InhSoilDermMMilk	2.12E-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	2.1158	0.141053333
3319	ALL		369180	3858915	2.39E-06	30YrCancerDerived_InhSoilDermMMilk	2.39E-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	2.3948	0.159653333
3320	ALL		369180	3858940	2.73E-06	30YrCancerDerived_InhSoilDermMMilk	2.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.734	0.182266667
3321	ALL		369180	3858965	3.10E-06	30YrCancerDerived_InhSoilDermMMilk	3.10E-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	3.1035	0.2069
3322	ALL		369180	3858990	3.49E-06	30YrCancerDerived_InhSoilDermMMilk	3.49E-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	3.4899	0.23266
3323	ALL		369180	3859015	3.89E-06	30YrCancerDerived_InhSoilDermMMilk	3.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.885	0.259
3324	ALL		369180	3859040	4.29E-06	30YrCancerDerived_InhSoilDermMMilk	4.29E-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	4.2883	0.285886667
3325	ALL		369180	3859065	4.71E-06	30YrCancerDerived_InhSoilDermMMilk	4.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.7126	0.314173333
3326	ALL		369180	3859090	5.07E-06	30YrCancerDerived_InhSoilDermMMilk	5.07E-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	5.0659	0.337726667
3327	ALL		369180	3859115	5.37E-06	30YrCancerDerived_InhSoilDermMMilk	5.37E-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	5.3727	0.35818
3328	ALL		369180	3859140	5.62E-06	30YrCancerDerived_InhSoilDermMMilk	5.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.6185	0.374566667
3329	ALL		369180	3859165	5.80E-06	30YrCancerDerived_InhSoilDermMMilk	5.80E-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	5.7992	0.386613333
3330	ALL		369180	3859190	5.91E-06	30YrCancerDerived_InhSoilDermMMilk	5.91E-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	5.9056	0.393706667
3331	ALL		369180	3859215	5.93E-06	30YrCancerDerived_InhSoilDermMMilk	5.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.9316	0.39544
3332	ALL		369180	3859240	5.88E-06	30YrCancerDerived_InhSoilDermMMilk	5.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.8836	0.39224
3333	ALL		369180	3859265	5.76E-06	30YrCancerDerived_InhSoilDermMMilk	5.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.7556	0.383706667
3334	ALL		369180	3859290	5.58E-06	30YrCancerDerived_InhSoilDermMMilk	5.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.5849	0.372326667
3335	ALL		369180	3859315	5.45E-06	30YrCancerDerived_InhSoilDermMMilk	5.45E-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	5.4454	0.363026667
3336	ALL		369180	3859340	5.37E-06	30YrCancerDerived_InhSoilDermMMilk	5.37E-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	5.3718	0.35812
3337	ALL		369180	3859365	5.29E-06	30YrCancerDerived_InhSoilDermMMilk	5.29E-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	5.2859	0.352393333
3338	ALL		369180	3859390	5.16E-06	30YrCancerDerived_InhSoilDermMMilk	5.16E-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	5.1636	0.34424
3339	ALL		369180	3859415	4.95E-06	30YrCancerDerived_InhSoilDermMMilk	4.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.9466	0.329773333
3340	ALL		369180	3859440	4.67E-06	30YrCancerDerived_InhSoilDermMMilk	4.67E-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	4.6693	0.311286667
3341	ALL		369180	3859465	4.36E-06	30YrCancerDerived_InhSoilDermMMilk	4.36E-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	4.3565	0.290433333
3342	ALL		369180	3859490	4.05E-06	30YrCancerDerived_InhSoilDermMMilk	4.05E-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	4.047	0.2698
3343	ALL		369180	3859515	3.75E-06	30YrCancerDerived_InhSoilDermMMilk	3.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.747	0.2498
3344	ALL		369180	3859540	3.49E-06	30YrCancerDerived_InhSoilDermMMilk	3.49E-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	3.4906	0.232706667
3345	ALL		369180	3859565	3.24E-06	30YrCancerDerived_InhSoilDermMMilk	3.24E-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	3.2392	0.215946667
3346	ALL		369180	3859590	3.02E-06	30YrCancerDerived_InhSoilDermMMilk	3.02E-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	3.017	0.201133333
3347	ALL		369180	3859615	2.82E-06	30YrCancerDerived_InhSoilDermMMilk	2.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.8165	0.187766667
3348	ALL		369180	3859640	2.63E-06	30YrCancerDerived_InhSoilDermMMilk	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.626	0.175066667
3349	ALL		369180	3859665	2.46E-06	30YrCancerDerived_InhSoilDermMMilk	2.46E-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	2.4621	0.16414
3350	ALL		369180	3859690	2.31E-06	30YrCancerDerived_InhSoilDermMMilk	2.31E-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	2.3065	0.153766667
3351	ALL		369180	3859715	2.16E-06	30YrCancerDerived_InhSoilDermMMilk	2.16E-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	2.1597	0.14398
3352	ALL		369180	3859740	2.03E-06	30YrCancerDerived_InhSoilDermMMilk	2.03E-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	2.0305	0.135366667
3353	ALL		369180	3859765	1.91E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.9106	0.127373333
3354	ALL		369180	3859790	1.79E-06	30YrCancerDerived_InhSoilDermMMilk	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7916	0.11944
3355	ALL		369180	3859815	1.69E-06	30YrCancerDerived_InhSoilDermMMilk	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.6862	0.112413333
3356	ALL		369180	3859840	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5816	0.10544
3357	ALL		369180	3859865	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.4852	0.099013333
3358	ALL		369205	3858265	4.11E-07	30YrCancerDerived_InhSoilDermMMilk	4.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4111	0.027408667
3359	ALL		369205	3858290	4.26E-07	30YrCancerDerived_InhSoilDermMMilk	4.26E-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	0.4261	0.028406667
3360	ALL		369205	3858315	4.43E-07	30YrCancerDerived_InhSoilDermMMilk	4.43E-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	0.4435	0.029566
3361	ALL		369205	3858340	4.63E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.4628	0.030856
3362	ALL		369205	3858365	4.83E-07	30YrCancerDerived_InhSoilDermMMilk	4.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.483	0.032202667
3363	ALL		369205	3858390	5.07E-07	30YrCancerDerived_InhSoilDermMMilk	5.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.507	0.033798
3364	ALL		369205	3858415	5.34E-07	30YrCancerDerived_InhSoilDermMMilk	5.34E-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	0.5338	0.035589333
3365	ALL		369205	3858440	5.62E-07	30YrCancerDerived_InhSoilDermMMilk	5.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5621	0.037472
3366	ALL		369205	3858465	5.96E-07	30YrCancerDerived_InhSoilDermMMilk	5.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5963	0.039751333
3367	ALL		369205	3858490	6.32E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6318	0.042122
3368	ALL		369205	3858515	6.70E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6701	0.044671333
3369	ALL		369205	3858540	7.12E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7124	0.047495333
3370	ALL		369205	3858565	7.57E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7571	0.050472
3371	ALL		369205	3858590	8.02E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8024	0.053492667
3372	ALL		369205	3858615	8.55E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8554	0.057027333
3373	ALL		369205	3858640	9.07E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9071	0.06047
3374	ALL		369205	3858665	9.67E-07	30YrCancerDerived_InhSoilDermMMilk	9.67E-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	0.9674	0.064492667
3375	ALL		369205	3858690	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0311	0.06874
3376	ALL		369205	3858715	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1009	0.073393333
3377	ALL		369205	3858740	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1817	0.07878
3378	ALL		369205	3858765	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2658	0.084386667
3379	ALL		369205	3858790	1.37E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3694	0.091293333
3380	ALL		369205	3858815	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.4827	0.098846667
3381	ALL		369205	3858840	1.62E-06	30YrCancerDerived_InhSoilDermMMilk	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.6211	0.108073333
3382	ALL		369205	3858865	1.79E-06	30YrCancerDerived_InhSoilDermMMilk	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7909	0.119393333
3383	ALL		369205	3858890	1.99E-06	30YrCancerDerived_InhSoilDermMMilk	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
3417	ALL		369205	3859740	2.02E-06	30YrCancerDerived_InhSoilDermMMilk	2.02E-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	2.0166	0.13444
3418	ALL		369205	3859765	1.90E-06	30YrCancerDerived_InhSoilDermMMilk	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.896	0.1264
3419	ALL		369205	3859790	1.78E-06	30YrCancerDerived_InhSoilDermMMilk	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7813	0.118753333
3420	ALL		369205	3859815	1.68E-06	30YrCancerDerived_InhSoilDermMMilk	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.683	0.1122
3421	ALL		369205	3859840	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5787	0.105246667
3422	ALL		369205	3859865	1.49E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.4874	0.09916
3423	ALL		367605	3859915	1.15E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1151	0.007674667
3424	ALL		367605	3859965	1.06E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1056	0.007038667
3425	ALL		367605	3860015	9.81E-08	30YrCancerDerived_InhSoilDermMMilk	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	0.0981	0.006541667
3426	ALL		367605	3860065	9.13E-08	30YrCancerDerived_InhSoilDermMMilk	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	0.0913	0.006084067
3427	ALL		367655	3859915	1.24E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.124	0.008267333
3428	ALL		367655	3859965	1.16E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.116	0.007736
3429	ALL		367655	3860015	1.05E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1052	0.007012667
3430	ALL		367655	3860065	9.83E-08	30YrCancerDerived_InhSoilDermMMilk	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	0.0983	0.0065504
3431	ALL		367705	3859915	1.37E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1368	0.009122
3432	ALL		367705	3859965	1.25E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1251	0.008341333
3433	ALL		367705	3860015	1.16E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1158	0.007718667
3434	ALL		367705	3860065	1.05E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1054	0.007025333
3435	ALL		367755	3859915	1.49E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1485	0.009902
3436	ALL		367755	3859965	1.37E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1366	0.009104
3437	ALL		367755	3860015	1.27E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1266	0.008442
3438	ALL		367755	3860065	1.18E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1177	0.007849333
3439	ALL		367805	3859915	1.64E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1642	0.010948
3440	ALL		367805	3859965	1.52E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1521	0.010141333
3441	ALL		367805	3860015	1.41E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1406	0.009374667
3442	ALL		367805	3860065	1.30E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1302	0.008677333
3443	ALL		367855	3859915	1.85E-07	30YrCancerDerived_InhSoilDermMMilk	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1846	0.012307333
3444	ALL		367855	3859965	1.69E-07	30YrCancerDerived_InhSoilDermMMilk	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1685	0.011235333
3445	ALL		367855	3860015	1.56E-07	30YrCancerDerived_InhSoilDermMMilk	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1559	0.010394
3446	ALL		367855	3860065	1.45E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1451	0.009670667
3447	ALL		367905	3859915	2.07E-07	30YrCancerDerived_InhSoilDermMMilk	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2072	0.013815333
3448	ALL		367905	3859965	1.89E-07	30YrCancerDerived_InhSoilDermMMilk	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1889	0.012595333
3449	ALL		367905	3860015	1.75E-07	30YrCancerDerived_InhSoilDermMMilk	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1746	0.011636667
3450	ALL		367905	3860065	1.61E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1613	0.010756
3451	ALL		367955	3859915	2.30E-07	30YrCancerDerived_InhSoilDermMMilk	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2299	0.015328
3452	ALL		367955	3859965	2.07E-07	30YrCancerDerived_InhSoilDermMMilk	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2074	0.013828667
3453	ALL		367955	3860015	1.94E-07	30YrCancerDerived_InhSoilDermMMilk	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1944	0.012956667
3454	ALL		367955	3860065	1.77E-07	30YrCancerDerived_InhSoilDermMMilk	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1775	0.011832667
3455	ALL		368005	3859915	2.63E-07	30YrCancerDerived_InhSoilDermMMilk	2.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2628	0.01752
3456	ALL		368005	3859965	2.34E-07	30YrCancerDerived_InhSoilDermMMilk	2.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.234	0.015602667
3457	ALL		368005	3860015	2.16E-07	30YrCancerDerived_InhSoilDermMMilk	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2165	0.01443
3458	ALL		368005	3860065	1.93E-07	30YrCancerDerived_InhSoilDermMMilk	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1927	0.012848
3459	ALL		368055	3859915	2.99E-07	30YrCancerDerived_InhSoilDermMMilk	2.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2988	0.019916667
3460	ALL		368055	3859965	2.66E-07	30YrCancerDerived_InhSoilDermMMilk	2.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2664	0.01776
3461	ALL		368055	3860015	2.37E-07	30YrCancerDerived_InhSoilDermMMilk	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2369	0.01579
3462	ALL		368055	3860065	2.13E-07	30YrCancerDerived_InhSoilDermMMilk	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2129	0.014194667
3463	ALL		368105	3859915	3.37E-07	30YrCancerDerived_InhSoilDermMMilk	3.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3371	0.022470667
3464	ALL		368105	3859965	2.99E-07	30YrCancerDerived_InhSoilDermMMilk	2.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2992	0.019947333
3465	ALL		368105	3860015	2.62E-07	30YrCancerDerived_InhSoilDermMMilk	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2621	0.017472
3466	ALL		368105	3860065	2.35E-07	30YrCancerDerived_InhSoilDermMMilk	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2353	0.015685333
3467	ALL		368155	3859915	3.77E-07	30YrCancerDerived_InhSoilDermMMilk	3.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.377	0.025134
3468	ALL		368155	3859965	3.25E-07	30YrCancerDerived_InhSoilDermMMilk	3.25E-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	0.3254	0.021690667
3469	ALL		368155	3860015	2.89E-07	30YrCancerDerived_InhSoilDermMMilk	2.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2886	0.019241333
3470	ALL		368155	3860065	2.59E-07	30YrCancerDerived_InhSoilDermMMilk	2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2588	0.01725
3471	ALL		368205	3859915	4.14E-07	30YrCancerDerived_InhSoilDermMMilk	4.14E-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	0.4143	0.027622
3472	ALL		368205	3859965	3.57E-07	30YrCancerDerived_InhSoilDermMMilk	3.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3567	0.023778667
3473	ALL		368205	3860015	3.12E-07	30YrCancerDerived_InhSoilDermMMilk	3.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3124	0.020828
3474	ALL		368205	3860065	2.78E-07	30YrCancerDerived_InhSoilDermMMilk	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.278	0.018531333
3475	ALL		368255	3859915	4.50E-07	30YrCancerDerived_InhSoilDermMMilk	4.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4496	0.029976
3476	ALL		368255	3859965	3.91E-07	30YrCancerDerived_InhSoilDermMMilk	3.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3908	0.026053333
3477	ALL		368255	3860015	3.36E-07	30YrCancerDerived_InhSoilDermMMilk	3.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3361	0.022405333
3478	ALL		368255	3860065	2.99E-07	30YrCancerDerived_InhSoilDermMMilk	2.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.299	0.019934667
3479	ALL		368305	3859915	4.77E-07	30YrCancerDerived_InhSoilDermMMilk	4.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4771	0.031806
3480	ALL		368305	3859965	4.14E-07	30YrCancerDerived_InhSoilDermMMilk	4.14E-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	0.4142	0.027613333
3481	ALL		368305	3860015	3.61E-07	30YrCancerDerived_InhSoilDermMMilk	3.61E-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	0.3608	0.024052667
3482	ALL		368305	3860065	3.18E-07	30YrCancerDerived_InhSoilDermMMilk	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3177	0.021176667
3483	ALL		368355	3859915	5.05E-07	30YrCancerDerived_InhSoilDermMMilk	5.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5052	0.03368
3484	ALL		368355	3859965	4.40E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.4398	0.029322
3485	ALL		368355	3860015	3.87E-07	30YrCancerDerived_InhSoilDermMMilk	3.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3869	0.025792
3486	ALL		368355	3860065	3.40E-07	30YrCancerDerived_InhSoilDermMMilk	3.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3397	0.022645333
3487	ALL		368405	3859915	5.43E-07	30YrCancerDerived_InhSoilDermMMilk	5.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5425	0.036168667
3488	ALL		368405	3859965	4.70E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.47	0.031331333
3489	ALL		368405	3860015	4.11E-07	30YrCancerDerived_InhSoilDermMMilk	4.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4113	0.027417333
3490	ALL		368405	3860065	3.60E-07	30YrCancerDerived_InhSoilDermMMilk	3.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3604	0.024026667
3491	ALL		368455	3859915	5.81E-07	30YrCancerDerived_InhSoilDermMMilk	5.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5807	0.038714
3492	ALL		368455	3859965	5.01E-07	30YrCancerDerived_InhSoilDermMMilk	5.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5006	0.033375333
3493	ALL		368455	3860015	4.33E-07	30YrCancerDerived_InhSoilDermMMilk	4.33E-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	0.4325	0.028834
3494	ALL		368455	3860065	3.81E-07	30YrCancerDerived_InhSoilDermMMilk	3.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3808	0.025386667
3495	ALL		368505	3859915	6.33E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6329	0.042192
3496	ALL		368505	3859965	5.37E-07	30YrCancerDerived_InhSoilDermMMilk	5.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5372	0.035811333
3497	ALL		368505	3860015	4.64E-07	30YrCancerDerived_InhSoilDermMMilk	4.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4636	0.030908667
3498	ALL		368505	3860065	4.04E-07	30YrCancerDerived_InhSoilDermMMilk	4.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4042	0.026946667
3499	ALL		368555	3859915	6.85E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6847	0.045643333
3500	ALL		368555	3859965	5.84E-07	30YrCancerDerived_InhSoilDermMMilk	5.84E-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	0.5837	0.03891
3501	ALL		368555	3860015	4.97E-07	30YrCancerDerived_InhSoilDermMMilk	4.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4973	0.033152667
3502	ALL		368555	3860065	4.35E-07	30YrCancerDerived_InhSoilDermMMilk	4.35E-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	0.4353	0.029021333
3503	ALL		368605	3859915	7.51E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7513	0.050088667
3504	ALL		368605	3859965	6.37E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6375	0.042496667
3505	ALL		368605	3860015	5.40E-07	30YrCancerDerived_InhSoilDermMMilk	5.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
3539	ALL		369055	3859915	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2486	0.08324
3540	ALL		369055	3859965	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0739	0.071593333
3541	ALL		369055	3860015	9.18E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9175	0.061167333
3542	ALL		369055	3860065	7.95E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7949	0.052991333
3543	ALL		369105	3859915	1.27E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2744	0.08496
3544	ALL		369105	3859965	1.10E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1038	0.073586667
3545	ALL		369105	3860015	9.48E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9481	0.063206667
3546	ALL		369105	3860065	8.25E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8246	0.05497
3547	ALL		369155	3859915	1.29E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2935	0.086233333
3548	ALL		369155	3859965	1.13E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1294	0.075293333
3549	ALL		369155	3860015	9.76E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9763	0.065085333
3550	ALL		369155	3860065	8.53E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8528	0.056852667
3551	ALL		369205	3859915	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3081	0.087206667
3552	ALL		369205	3859965	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.15	0.076666667
3553	ALL		369205	3860015	1.00E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0044	0.06696
3554	ALL		369205	3860065	8.79E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8792	0.058613333
3555	ALL		369255	3859915	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3151	0.087673333
3556	ALL		369255	3859965	1.16E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.164	0.0776
3557	ALL		369255	3860015	1.03E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0273	0.068486667
3558	ALL		369255	3860065	9.03E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.903	0.0602
3559	ALL		369305	3859915	1.32E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3195	0.087966667
3560	ALL		369305	3859965	1.17E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1712	0.07808
3561	ALL		369305	3860015	1.04E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.044	0.0696
3562	ALL		369305	3860065	9.28E-07	30YrCancerDerived_InhSoilDermMMilk	9.28E-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	0.9285	0.061899333
3563	ALL		369355	3859915	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3131	0.08754
3564	ALL		369355	3859965	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1774	0.078493333
3565	ALL		369355	3860015	1.05E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0526	0.070173333
3566	ALL		369355	3860065	9.43E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9426	0.062840667
3567	ALL		369405	3859915	1.31E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3051	0.087006667
3568	ALL		369405	3859965	1.18E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1782	0.078546667
3569	ALL		369405	3860015	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0618	0.070786667
3570	ALL		369405	3860065	9.52E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9518	0.063451333
3571	ALL		369255	3859865	1.48E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.4812	0.098746667
3572	ALL		369255	3859815	1.66E-06	30YrCancerDerived_InhSoilDermMMilk	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.6638	0.11092
3573	ALL		369255	3859765	1.86E-06	30YrCancerDerived_InhSoilDermMMilk	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8641	0.124273333
3574	ALL		369255	3859715	2.10E-06	30YrCancerDerived_InhSoilDermMMilk	2.10E-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	2.0976	0.13984
3575	ALL		369255	3859665	2.36E-06	30YrCancerDerived_InhSoilDermMMilk	2.36E-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	2.3593	0.157286667
3576	ALL		369255	3859615	2.65E-06	30YrCancerDerived_InhSoilDermMMilk	2.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.6515	0.176766667
3577	ALL		369255	3859565	2.99E-06	30YrCancerDerived_InhSoilDermMMilk	2.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.9874	0.19916
3578	ALL		369255	3859515	3.33E-06	30YrCancerDerived_InhSoilDermMMilk	3.33E-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	3.3294	0.22196
3579	ALL		369255	3859465	3.63E-06	30YrCancerDerived_InhSoilDermMMilk	3.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.6306	0.24204
3580	ALL		369255	3859415	3.82E-06	30YrCancerDerived_InhSoilDermMMilk	3.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.8161	0.254406667
3581	ALL		369255	3859365	3.92E-06	30YrCancerDerived_InhSoilDermMMilk	3.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.9157	0.261046667
3582	ALL		369255	3859315	4.08E-06	30YrCancerDerived_InhSoilDermMMilk	4.08E-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	4.0767	0.27178
3583	ALL		369255	3859265	4.23E-06	30YrCancerDerived_InhSoilDermMMilk	4.23E-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	4.2277	0.281846667
3584	ALL		369255	3859215	4.18E-06	30YrCancerDerived_InhSoilDermMMilk	4.18E-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	4.1751	0.27834
3585	ALL		369255	3859165	3.86E-06	30YrCancerDerived_InhSoilDermMMilk	3.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.8648	0.257653333
3586	ALL		369255	3859115	3.46E-06	30YrCancerDerived_InhSoilDermMMilk	3.46E-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	3.4611	0.23074
3587	ALL		369255	3859065	3.09E-06	30YrCancerDerived_InhSoilDermMMilk	3.09E-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	3.0888	0.20592
3588	ALL		369255	3859015	2.75E-06	30YrCancerDerived_InhSoilDermMMilk	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.7475	0.183166667
3589	ALL		369255	3858965	2.37E-06	30YrCancerDerived_InhSoilDermMMilk	2.37E-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	2.3725	0.158166667
3590	ALL		369255	3858915	1.97E-06	30YrCancerDerived_InhSoilDermMMilk	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.9709	0.131393333
3591	ALL		369255	3858865	1.62E-06	30YrCancerDerived_InhSoilDermMMilk	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.6197	0.10798
3592	ALL		369255	3858815	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.345	0.089666667
3593	ALL		369255	3858765	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1474	0.076493333
3594	ALL		369255	3858715	1.00E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0016	0.066773333
3595	ALL		369255	3858665	8.84E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8837	0.058914
3596	ALL		369255	3858615	7.87E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7868	0.052455333
3597	ALL		369255	3858565	7.03E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7026	0.046837333
3598	ALL		369255	3858515	6.29E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6286	0.041904
3599	ALL		369255	3858465	5.63E-07	30YrCancerDerived_InhSoilDermMMilk	5.63E-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	0.5631	0.037537333
3600	ALL		369255	3858415	5.06E-07	30YrCancerDerived_InhSoilDermMMilk	5.06E-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	0.5064	0.033762667
3601	ALL		369255	3858365	4.59E-07	30YrCancerDerived_InhSoilDermMMilk	4.59E-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	0.4589	0.03059
3602	ALL		369255	3858315	4.20E-07	30YrCancerDerived_InhSoilDermMMilk	4.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4198	0.027988667
3603	ALL		369255	3858265	3.91E-07	30YrCancerDerived_InhSoilDermMMilk	3.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3906	0.02604
3604	ALL		369255	3858215	3.64E-07	30YrCancerDerived_InhSoilDermMMilk	3.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3636	0.02424
3605	ALL		369255	3858165	3.43E-07	30YrCancerDerived_InhSoilDermMMilk	3.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3426	0.022841333
3606	ALL		369255	3858115	3.22E-07	30YrCancerDerived_InhSoilDermMMilk	3.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3222	0.021477333
3607	ALL		369255	3858065	3.05E-07	30YrCancerDerived_InhSoilDermMMilk	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3052	0.020348667
3608	ALL		369305	3859865	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.4723	0.098153333
3609	ALL		369305	3859815	1.64E-06	30YrCancerDerived_InhSoilDermMMilk	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64	0.109333333
3610	ALL		369305	3859765	1.83E-06	30YrCancerDerived_InhSoilDermMMilk	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8291	0.12194
3611	ALL		369305	3859715	2.04E-06	30YrCancerDerived_InhSoilDermMMilk	2.04E-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	2.0389	0.135926667
3612	ALL		369305	3859665	2.27E-06	30YrCancerDerived_InhSoilDermMMilk	2.27E-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	2.2704	0.15136
3613	ALL		369305	3859615	2.52E-06	30YrCancerDerived_InhSoilDermMMilk	2.52E-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	2.5184	0.167893333
3614	ALL		369305	3859565	2.77E-06	30YrCancerDerived_InhSoilDermMMilk	2.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.7725	0.184833333
3615	ALL		369305	3859515	3.00E-06	30YrCancerDerived_InhSoilDermMMilk	3.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.0022	0.200146667
3616	ALL		369305	3859465	3.17E-06	30YrCancerDerived_InhSoilDermMMilk	3.17E-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	3.1688	0.211253333
3617	ALL		369305	3859415	3.26E-06	30YrCancerDerived_InhSoilDermMMilk	3.26E-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	3.2563	0.217086667
3618	ALL		369305	3859365	3.33E-06	30YrCancerDerived_InhSoilDermMMilk	3.33E-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	3.3338	0.222253333
3619	ALL		369305	3859315	3.42E-06	30YrCancerDerived_InhSoilDermMMilk	3.42E-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	3.4191	0.22794
3620	ALL		369305	3859265	3.45E-06	30YrCancerDerived_InhSoilDermMMilk	3.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.4527	0.23018
3621	ALL		369305	3859215	3.33E-06	30YrCancerDerived_InhSoilDermMMilk	3.33E-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	3.3302	0.222013333
3622	ALL		369305	3859165	3.06E-06	30YrCancerDerived_InhSoilDermMMilk	3.06E-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	3.0636	0.20424
3623	ALL		369305	3859115	2.77E-06	30YrCancerDerived_InhSoilDermMMilk	2.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.7698	0.184653333
3624	ALL		369305	3859065	2.52E-06	30YrCancerDerived_InhSoilDermMMilk	2.52E-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	2.5155	0.1677
3625	ALL		369305	3859015	2.29E-06	30YrCancerDerived_InhSoilDermMMilk	2.29E-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	2.2939	0.152926667
3626	ALL		369305	3858965	2.05E-06	30YrCancerDerived_InhSoilDermMMilk	2.05E-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	2.0462	0.136413333
3627	ALL		369305	3858915	1.76E-06	30YrCancerDerived_InhSoilDermMMilk	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
3661	ALL		369355	3859065	2.12E-06	30YrCancerDerived_InhSoilDermMMilk	2.12E-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	2.1232	0.141546667
3662	ALL		369355	3859015	1.96E-06	30YrCancerDerived_InhSoilDermMMilk	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.9608	0.13072
3663	ALL		369355	3858965	1.78E-06	30YrCancerDerived_InhSoilDermMMilk	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7813	0.118753333
3664	ALL		369355	3858915	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5753	0.10502
3665	ALL		369355	3858865	1.35E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3528	0.090186667
3666	ALL		369355	3858815	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1527	0.076846667
3667	ALL		369355	3858765	9.85E-07	30YrCancerDerived_InhSoilDermMMilk	9.85E-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	0.9846	0.065638667
3668	ALL		369355	3858715	8.53E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8534	0.056892
3669	ALL		369355	3858665	7.52E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7524	0.050158667
3670	ALL		369355	3858615	6.72E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6724	0.044824
3671	ALL		369355	3858565	6.03E-07	30YrCancerDerived_InhSoilDermMMilk	6.03E-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	0.6029	0.040191333
3672	ALL		369355	3858515	5.47E-07	30YrCancerDerived_InhSoilDermMMilk	5.47E-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	0.5474	0.036491333
3673	ALL		369355	3858465	4.98E-07	30YrCancerDerived_InhSoilDermMMilk	4.98E-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	0.4985	0.033231333
3674	ALL		369355	3858415	4.53E-07	30YrCancerDerived_InhSoilDermMMilk	4.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4535	0.030232667
3675	ALL		369355	3858365	4.14E-07	30YrCancerDerived_InhSoilDermMMilk	4.14E-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	0.4136	0.02757
3676	ALL		369355	3858315	3.79E-07	30YrCancerDerived_InhSoilDermMMilk	3.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3791	0.025273333
3677	ALL		369355	3858265	3.51E-07	30YrCancerDerived_InhSoilDermMMilk	3.51E-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	0.3509	0.023394667
3678	ALL		369355	3858215	3.28E-07	30YrCancerDerived_InhSoilDermMMilk	3.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3284	0.021891333
3679	ALL		369355	3858165	3.08E-07	30YrCancerDerived_InhSoilDermMMilk	3.08E-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	0.308	0.020531333
3680	ALL		369355	3858115	2.93E-07	30YrCancerDerived_InhSoilDermMMilk	2.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2925	0.019502667
3681	ALL		369355	3858065	2.77E-07	30YrCancerDerived_InhSoilDermMMilk	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2772	0.018478667
3682	ALL		369405	3859865	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.4402	0.096013333
3683	ALL		369405	3859815	1.59E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.5852	0.10568
3684	ALL		369405	3859765	1.74E-06	30YrCancerDerived_InhSoilDermMMilk	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7392	0.115946667
3685	ALL		369405	3859715	1.90E-06	30YrCancerDerived_InhSoilDermMMilk	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8989	0.126593333
3686	ALL		369405	3859665	2.05E-06	30YrCancerDerived_InhSoilDermMMilk	2.05E-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	2.0477	0.136513333
3687	ALL		369405	3859615	2.20E-06	30YrCancerDerived_InhSoilDermMMilk	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.1986	0.146573333
3688	ALL		369405	3859565	2.31E-06	30YrCancerDerived_InhSoilDermMMilk	2.31E-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	2.3132	0.154213333
3689	ALL		369405	3859515	2.39E-06	30YrCancerDerived_InhSoilDermMMilk	2.39E-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	2.3887	0.159246667
3690	ALL		369405	3859465	2.43E-06	30YrCancerDerived_InhSoilDermMMilk	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.4304	0.162026667
3691	ALL		369405	3859415	2.44E-06	30YrCancerDerived_InhSoilDermMMilk	2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.444	0.162933333
3692	ALL		369405	3859365	2.45E-06	30YrCancerDerived_InhSoilDermMMilk	2.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.4452	0.163013333
3693	ALL		369405	3859315	2.42E-06	30YrCancerDerived_InhSoilDermMMilk	2.42E-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	2.4244	0.161626667
3694	ALL		369405	3859265	2.36E-06	30YrCancerDerived_InhSoilDermMMilk	2.36E-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	2.3609	0.157393333
3695	ALL		369405	3859215	2.23E-06	30YrCancerDerived_InhSoilDermMMilk	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.2341	0.14894
3696	ALL		369405	3859165	2.09E-06	30YrCancerDerived_InhSoilDermMMilk	2.09E-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	2.0865	0.1391
3697	ALL		369405	3859115	1.95E-06	30YrCancerDerived_InhSoilDermMMilk	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.9516	0.130106667
3698	ALL		369405	3859065	1.83E-06	30YrCancerDerived_InhSoilDermMMilk	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8338	0.122253333
3699	ALL		369405	3859015	1.71E-06	30YrCancerDerived_InhSoilDermMMilk	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7145	0.1143
3700	ALL		369405	3858965	1.58E-06	30YrCancerDerived_InhSoilDermMMilk	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5797	0.105313333
3701	ALL		369405	3858915	1.42E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.4213	0.094753333
3702	ALL		369405	3858865	1.25E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2461	0.083073333
3703	ALL		369405	3858815	1.07E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0746	0.07164
3704	ALL		369405	3858765	9.26E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9265	0.061764667
3705	ALL		369405	3858715	8.01E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.801	0.053396667
3706	ALL		369405	3858665	7.02E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7016	0.046772
3707	ALL		369405	3858615	6.24E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6237	0.041581333
3708	ALL		369405	3858565	5.63E-07	30YrCancerDerived_InhSoilDermMMilk	5.63E-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	0.5625	0.037502
3709	ALL		369405	3858515	5.12E-07	30YrCancerDerived_InhSoilDermMMilk	5.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.512	0.034133333
3710	ALL		369405	3858465	4.68E-07	30YrCancerDerived_InhSoilDermMMilk	4.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4677	0.031182667
3711	ALL		369405	3858415	4.28E-07	30YrCancerDerived_InhSoilDermMMilk	4.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4284	0.028559333
3712	ALL		369405	3858365	3.92E-07	30YrCancerDerived_InhSoilDermMMilk	3.92E-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	0.3924	0.026158
3713	ALL		369405	3858315	3.61E-07	30YrCancerDerived_InhSoilDermMMilk	3.61E-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	0.3605	0.024035333
3714	ALL		369405	3858265	3.35E-07	30YrCancerDerived_InhSoilDermMMilk	3.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3355	0.022366
3715	ALL		369405	3858215	3.12E-07	30YrCancerDerived_InhSoilDermMMilk	3.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3123	0.020819333
3716	ALL		369405	3858165	2.93E-07	30YrCancerDerived_InhSoilDermMMilk	2.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2929	0.019524667
3717	ALL		369405	3858115	2.78E-07	30YrCancerDerived_InhSoilDermMMilk	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2782	0.018548667
3718	ALL		369405	3858065	2.64E-07	30YrCancerDerived_InhSoilDermMMilk	2.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.264	0.017598667
3719	ALL		369205	3858215	3.82E-07	30YrCancerDerived_InhSoilDermMMilk	3.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3821	0.025474
3720	ALL		369205	3858165	3.58E-07	30YrCancerDerived_InhSoilDermMMilk	3.58E-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	0.358	0.023865333
3721	ALL		369205	3858115	3.37E-07	30YrCancerDerived_InhSoilDermMMilk	3.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3369	0.022462
3722	ALL		369205	3858065	3.18E-07	30YrCancerDerived_InhSoilDermMMilk	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3178	0.021189333
3723	ALL		369155	3858215	4.01E-07	30YrCancerDerived_InhSoilDermMMilk	4.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4008	0.02672
3724	ALL		369155	3858165	3.76E-07	30YrCancerDerived_InhSoilDermMMilk	3.76E-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	0.3758	0.025050667
3725	ALL		369155	3858115	3.52E-07	30YrCancerDerived_InhSoilDermMMilk	3.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3515	0.023434
3726	ALL		369155	3858065	3.32E-07	30YrCancerDerived_InhSoilDermMMilk	3.32E-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	0.3316	0.022109333
3727	ALL		369105	3858215	4.21E-07	30YrCancerDerived_InhSoilDermMMilk	4.21E-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	0.4209	0.028058
3728	ALL		369105	3858165	3.92E-07	30YrCancerDerived_InhSoilDermMMilk	3.92E-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	0.3919	0.026127333
3729	ALL		369105	3858115	3.66E-07	30YrCancerDerived_InhSoilDermMMilk	3.66E-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	0.3657	0.02438
3730	ALL		369105	3858065	3.44E-07	30YrCancerDerived_InhSoilDermMMilk	3.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3443	0.02295
3731	ALL		369055	3858215	4.40E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.4396	0.029308667
3732	ALL		369055	3858165	4.08E-07	30YrCancerDerived_InhSoilDermMMilk	4.08E-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	0.4078	0.027186667
3733	ALL		369055	3858115	3.80E-07	30YrCancerDerived_InhSoilDermMMilk	3.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3797	0.025312667
3734	ALL		369055	3858065	3.57E-07	30YrCancerDerived_InhSoilDermMMilk	3.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3567	0.023778667
3735	ALL		369005	3858215	4.58E-07	30YrCancerDerived_InhSoilDermMMilk	4.58E-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	0.4581	0.030538
3736	ALL		369005	3858165	4.24E-07	30YrCancerDerived_InhSoilDermMMilk	4.24E-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	0.4238	0.028254
3737	ALL		369005	3858115	3.94E-07	30YrCancerDerived_InhSoilDermMMilk	3.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3937	0.026249333
3738	ALL		369005	3858065	3.69E-07	30YrCancerDerived_InhSoilDermMMilk	3.69E-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	0.3693	0.024619333
3739	ALL		368955	3858215	4.77E-07	30YrCancerDerived_InhSoilDermMMilk	4.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.477	0.031802
3740	ALL		368955	3858165	4.40E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.4405	0.029365333
3741	ALL		368955	3858115	4.09E-07	30YrCancerDerived_InhSoilDermMMilk	4.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4087	0.027243333
3742	ALL		368955	3858065	3.83E-07	30YrCancerDerived_InhSoilDermMMilk	3.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3826	0.025504
3743	ALL		368905	3858215	4.96E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.4959	0.033061333
3744	ALL		368905	3858165	4.58E-07	30YrCancerDerived_InhSoilDermMMilk	4.58E-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	0.4581	0.030542
3745	ALL		368905	3858115	4.24E-07	30YrCancerDerived_InhSoilDermMMilk	4.24E-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	0.4243	0.028289333
3746	ALL		368905	3858065	3.97E-07	30YrCancerDerived_InhSoilDermMMilk	3.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3973	0.026484667
3747	ALL		368855	3858215	5.15E-07	30YrCancerDerived_InhSoilDermMMilk	5.15E-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	0.5152	0.034346667
3748	ALL		368855	3858165	4.76E-07	30YrCancerDerived_InhSoilDermMMilk	4.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4761	0.031740667
3749	ALL		368855	3858115	4.40E-07	30YrCancerDerived_InhSoilDermMMilk	4.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
3783	ALL		368405	3858215	6.67E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6669	0.044458
3784	ALL		368405	3858165	6.05E-07	30YrCancerDerived_InhSoilDermMMilk	6.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.6051	0.040339333
3785	ALL		368405	3858115	5.50E-07	30YrCancerDerived_InhSoilDermMMilk	5.50E-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	0.5502	0.036682667
3786	ALL		368405	3858065	5.03E-07	30YrCancerDerived_InhSoilDermMMilk	5.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5028	0.033518667
3787	ALL		368355	3858215	6.69E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6689	0.044593333
3788	ALL		368355	3858165	6.05E-07	30YrCancerDerived_InhSoilDermMMilk	6.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.6054	0.040361333
3789	ALL		368355	3858115	5.51E-07	30YrCancerDerived_InhSoilDermMMilk	5.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5508	0.036722
3790	ALL		368355	3858065	5.04E-07	30YrCancerDerived_InhSoilDermMMilk	5.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5044	0.033628
3791	ALL		368305	3858215	6.65E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6647	0.044314
3792	ALL		368305	3858165	6.03E-07	30YrCancerDerived_InhSoilDermMMilk	6.03E-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	0.6026	0.040174
3793	ALL		368305	3858115	5.51E-07	30YrCancerDerived_InhSoilDermMMilk	5.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5507	0.036713333
3794	ALL		368305	3858065	5.04E-07	30YrCancerDerived_InhSoilDermMMilk	5.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5035	0.033566667
3795	ALL		368255	3858215	6.59E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6586	0.043908667
3796	ALL		368255	3858165	5.98E-07	30YrCancerDerived_InhSoilDermMMilk	5.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5978	0.039851333
3797	ALL		368255	3858115	5.47E-07	30YrCancerDerived_InhSoilDermMMilk	5.47E-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	0.5472	0.036482667
3798	ALL		368255	3858065	5.01E-07	30YrCancerDerived_InhSoilDermMMilk	5.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5011	0.033405333
3799	ALL		368205	3858215	6.49E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6488	0.043250667
3800	ALL		368205	3858165	5.92E-07	30YrCancerDerived_InhSoilDermMMilk	5.92E-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	0.5922	0.039480667
3801	ALL		368205	3858115	5.41E-07	30YrCancerDerived_InhSoilDermMMilk	5.41E-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	0.5413	0.036086
3802	ALL		368205	3858065	4.97E-07	30YrCancerDerived_InhSoilDermMMilk	4.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4974	0.033161333
3803	ALL		368155	3858215	6.37E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6366	0.04244
3804	ALL		368155	3858165	5.82E-07	30YrCancerDerived_InhSoilDermMMilk	5.82E-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	0.5818	0.038783333
3805	ALL		368155	3858115	5.34E-07	30YrCancerDerived_InhSoilDermMMilk	5.34E-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	0.5338	0.035584667
3806	ALL		368155	3858065	4.91E-07	30YrCancerDerived_InhSoilDermMMilk	4.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.491	0.032734667
3807	ALL		368105	3858215	6.23E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6235	0.041564
3808	ALL		368105	3858165	5.69E-07	30YrCancerDerived_InhSoilDermMMilk	5.69E-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	0.5689	0.037925333
3809	ALL		368105	3858115	5.23E-07	30YrCancerDerived_InhSoilDermMMilk	5.23E-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	0.5233	0.034887333
3810	ALL		368105	3858065	4.83E-07	30YrCancerDerived_InhSoilDermMMilk	4.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4832	0.032211333
3811	ALL		368055	3858215	6.10E-07	30YrCancerDerived_InhSoilDermMMilk	6.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.6099	0.040662
3812	ALL		368055	3858165	5.57E-07	30YrCancerDerived_InhSoilDermMMilk	5.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.557	0.037132
3813	ALL		368055	3858115	5.13E-07	30YrCancerDerived_InhSoilDermMMilk	5.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5129	0.034194667
3814	ALL		368055	3858065	4.74E-07	30YrCancerDerived_InhSoilDermMMilk	4.74E-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	0.4737	0.031579333
3815	ALL		368005	3858215	5.99E-07	30YrCancerDerived_InhSoilDermMMilk	5.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5988	0.039921333
3816	ALL		368005	3858165	5.47E-07	30YrCancerDerived_InhSoilDermMMilk	5.47E-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	0.5472	0.036478
3817	ALL		368005	3858115	5.03E-07	30YrCancerDerived_InhSoilDermMMilk	5.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5031	0.033536667
3818	ALL		368005	3858065	4.65E-07	30YrCancerDerived_InhSoilDermMMilk	4.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4653	0.031022
3819	ALL		367955	3858215	5.90E-07	30YrCancerDerived_InhSoilDermMMilk	5.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5897	0.039315333
3820	ALL		367955	3858165	5.39E-07	30YrCancerDerived_InhSoilDermMMilk	5.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5391	0.035942
3821	ALL		367955	3858115	4.95E-07	30YrCancerDerived_InhSoilDermMMilk	4.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4954	0.033026667
3822	ALL		367955	3858065	4.58E-07	30YrCancerDerived_InhSoilDermMMilk	4.58E-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	0.4578	0.030520667
3823	ALL		367905	3858215	5.82E-07	30YrCancerDerived_InhSoilDermMMilk	5.82E-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	0.5816	0.038774667
3824	ALL		367905	3858165	5.32E-07	30YrCancerDerived_InhSoilDermMMilk	5.32E-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	0.5318	0.035454
3825	ALL		367905	3858115	4.89E-07	30YrCancerDerived_InhSoilDermMMilk	4.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4887	0.032582
3826	ALL		367905	3858065	4.51E-07	30YrCancerDerived_InhSoilDermMMilk	4.51E-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	0.4512	0.03008
3827	ALL		367855	3858215	5.72E-07	30YrCancerDerived_InhSoilDermMMilk	5.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5724	0.038160667
3828	ALL		367855	3858165	5.24E-07	30YrCancerDerived_InhSoilDermMMilk	5.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5241	0.03494
3829	ALL		367855	3858115	4.82E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.4815	0.032102667
3830	ALL		367855	3858065	4.45E-07	30YrCancerDerived_InhSoilDermMMilk	4.45E-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	0.4449	0.029662
3831	ALL		367805	3858215	5.62E-07	30YrCancerDerived_InhSoilDermMMilk	5.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5619	0.037458667
3832	ALL		367805	3858165	5.14E-07	30YrCancerDerived_InhSoilDermMMilk	5.14E-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	0.5144	0.034294667
3833	ALL		367805	3858115	4.74E-07	30YrCancerDerived_InhSoilDermMMilk	4.74E-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	0.4736	0.031575333
3834	ALL		367805	3858065	4.38E-07	30YrCancerDerived_InhSoilDermMMilk	4.38E-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	0.4382	0.029213333
3835	ALL		367755	3858215	5.50E-07	30YrCancerDerived_InhSoilDermMMilk	5.50E-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	0.5498	0.036652667
3836	ALL		367755	3858165	5.05E-07	30YrCancerDerived_InhSoilDermMMilk	5.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5046	0.033640667
3837	ALL		367755	3858115	4.65E-07	30YrCancerDerived_InhSoilDermMMilk	4.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4652	0.031012667
3838	ALL		367755	3858065	4.30E-07	30YrCancerDerived_InhSoilDermMMilk	4.30E-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	0.4304	0.02869
3839	ALL		367705	3858215	5.35E-07	30YrCancerDerived_InhSoilDermMMilk	5.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5349	0.035658667
3840	ALL		367705	3858165	4.92E-07	30YrCancerDerived_InhSoilDermMMilk	4.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4925	0.03283
3841	ALL		367705	3858115	4.55E-07	30YrCancerDerived_InhSoilDermMMilk	4.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4553	0.030350667
3842	ALL		367705	3858065	4.22E-07	30YrCancerDerived_InhSoilDermMMilk	4.22E-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	0.422	0.028132
3843	ALL		367655	3858215	5.17E-07	30YrCancerDerived_InhSoilDermMMilk	5.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5168	0.034451333
3844	ALL		367655	3858165	4.78E-07	30YrCancerDerived_InhSoilDermMMilk	4.78E-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	0.4779	0.031862667
3845	ALL		367655	3858115	4.44E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.4437	0.029579333
3846	ALL		367655	3858065	4.13E-07	30YrCancerDerived_InhSoilDermMMilk	4.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4126	0.027508667
3847	ALL		367605	3858215	4.96E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.4959	0.033056667
3848	ALL		367605	3858165	4.61E-07	30YrCancerDerived_InhSoilDermMMilk	4.61E-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	0.4609	0.030725333
3849	ALL		367605	3858115	4.30E-07	30YrCancerDerived_InhSoilDermMMilk	4.30E-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	0.4299	0.028659333
3850	ALL		367605	3858065	4.02E-07	30YrCancerDerived_InhSoilDermMMilk	4.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4017	0.026776667
3851	ALL		367555	3858215	4.73E-07	30YrCancerDerived_InhSoilDermMMilk	4.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.473	0.031536
3852	ALL		367555	3858165	4.42E-07	30YrCancerDerived_InhSoilDermMMilk	4.42E-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	0.4417	0.029448667
3853	ALL		367555	3858115	4.14E-07	30YrCancerDerived_InhSoilDermMMilk	4.14E-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	0.4138	0.027583333
3854	ALL		367555	3858065	3.89E-07	30YrCancerDerived_InhSoilDermMMilk	3.89E-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	0.3886	0.025909333
3855	ALL		367505	3858215	4.50E-07	30YrCancerDerived_InhSoilDermMMilk	4.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4504	0.030023333
3856	ALL		367505	3858165	4.22E-07	30YrCancerDerived_InhSoilDermMMilk	4.22E-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	0.4217	0.028114667
3857	ALL		367505	3858115	3.96E-07	30YrCancerDerived_InhSoilDermMMilk	3.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3965	0.026432667
3858	ALL		367505	3858065	3.74E-07	30YrCancerDerived_InhSoilDermMMilk	3.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3738	0.02492
3859	ALL		367455	3858215	4.28E-07	30YrCancerDerived_InhSoilDermMMilk	4.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4281	0.028542
3860	ALL		367455	3858165	4.02E-07	30YrCancerDerived_InhSoilDermMMilk	4.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4022	0.026816
3861	ALL		367455	3858115	3.79E-07	30YrCancerDerived_InhSoilDermMMilk	3.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3788	0.025256
3862	ALL		367455	3858065	3.58E-07	30YrCancerDerived_InhSoilDermMMilk	3.58E-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	0.3581	0.02387
3863	ALL		367405	3858215	4.07E-07	30YrCancerDerived_InhSoilDermMMilk	4.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4074	0.02716
3864	ALL		367405	3858165	3.83E-07	30YrCancerDerived_InhSoilDermMMilk	3.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3835	0.025565333
3865	ALL		367405	3858115	3.62E-07	30YrCancerDerived_InhSoilDermMMilk	3.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3619	0.024126667
3866	ALL		367405	3858065	3.43E-07	30YrCancerDerived_InhSoilDermMMilk	3.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3426	0.022836667
3867	ALL		367555	3858265	5.08E-07	30YrCancerDerived_InhSoilDermMMilk	5.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5084	0.033894
3868	ALL		367555	3858315	5.47E-07	30YrCancerDerived_InhSoilDermMMilk	5.47E-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	0.5474	0.036495333
3869	ALL		367555	3858365	5.89E-07	30YrCancerDerived_InhSoilDermMMilk	5.89E-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	0.5895	0.039298
3870	ALL		367555	3858415	6.37E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6372	0.042479333
3871	ALL		367555	3858465	6.90E-07	30YrCancerDerived_InhSoilDermMMilk	6.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
3905	ALL		367505	3858315	5.16E-07	30YrCancerDerived_InhSoilDermMMilk	5.16E-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	0.5157	0.034382
3906	ALL		367505	3858365	5.54E-07	30YrCancerDerived_InhSoilDermMMilk	5.54E-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	0.5544	0.036957333
3907	ALL		367505	3858415	5.95E-07	30YrCancerDerived_InhSoilDermMMilk	5.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5954	0.039694667
3908	ALL		367505	3858465	6.43E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6427	0.042845333
3909	ALL		367505	3858515	6.92E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6915	0.046101333
3910	ALL		367505	3858565	7.48E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.748	0.049866667
3911	ALL		367505	3858615	8.04E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8039	0.053592667
3912	ALL		367505	3858665	8.64E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8641	0.057606667
3913	ALL		367505	3858715	9.23E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9228	0.061520667
3914	ALL		367505	3858765	9.75E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9745	0.064968
3915	ALL		367505	3858815	1.02E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0169	0.067793333
3916	ALL		367505	3858865	1.05E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0457	0.069713333
3917	ALL		367505	3858915	1.04E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0431	0.06954
3918	ALL		367505	3858965	1.01E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.006	0.067066667
3919	ALL		367505	3859015	9.34E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9343	0.062287333
3920	ALL		367505	3859065	8.45E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.845	0.05633
3921	ALL		367505	3859115	7.40E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7403	0.049352
3922	ALL		367505	3859165	6.31E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6314	0.042096
3923	ALL		367505	3859215	5.26E-07	30YrCancerDerived_InhSoilDermMMilk	5.26E-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	0.5255	0.035035333
3924	ALL		367505	3859265	4.45E-07	30YrCancerDerived_InhSoilDermMMilk	4.45E-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	0.4453	0.029688
3925	ALL		367505	3859315	3.85E-07	30YrCancerDerived_InhSoilDermMMilk	3.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3851	0.025674
3926	ALL		367505	3859365	3.39E-07	30YrCancerDerived_InhSoilDermMMilk	3.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3394	0.022623333
3927	ALL		367505	3859415	3.00E-07	30YrCancerDerived_InhSoilDermMMilk	3.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3005	0.02003
3928	ALL		367505	3859465	2.68E-07	30YrCancerDerived_InhSoilDermMMilk	2.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2684	0.017894667
3929	ALL		367505	3859515	2.40E-07	30YrCancerDerived_InhSoilDermMMilk	2.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2403	0.016020667
3930	ALL		367505	3859565	2.08E-07	30YrCancerDerived_InhSoilDermMMilk	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2083	0.013885333
3931	ALL		367505	3859615	1.82E-07	30YrCancerDerived_InhSoilDermMMilk	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1816	0.012107333
3932	ALL		367505	3859665	1.62E-07	30YrCancerDerived_InhSoilDermMMilk	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1621	0.010804
3933	ALL		367505	3859715	1.45E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1453	0.009688
3934	ALL		367505	3859765	1.30E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1302	0.008681333
3935	ALL		367505	3859815	1.18E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1179	0.007862
3936	ALL		367505	3859865	1.07E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1072	0.007143333
3937	ALL		367505	3859915	9.88E-08	30YrCancerDerived_InhSoilDermMMilk	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	0.0988	0.006585267
3938	ALL		367505	3859965	9.18E-08	30YrCancerDerived_InhSoilDermMMilk	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	0.0918	0.006118933
3939	ALL		367505	3860015	8.53E-08	30YrCancerDerived_InhSoilDermMMilk	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	0.0853	0.005687467
3940	ALL		367505	3860065	7.93E-08	30YrCancerDerived_InhSoilDermMMilk	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	0.0793	0.005286467
3941	ALL		367455	3858265	4.57E-07	30YrCancerDerived_InhSoilDermMMilk	4.57E-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	0.457	0.030464
3942	ALL		367455	3858315	4.88E-07	30YrCancerDerived_InhSoilDermMMilk	4.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4877	0.032512
3943	ALL		367455	3858365	5.22E-07	30YrCancerDerived_InhSoilDermMMilk	5.22E-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	0.5221	0.034808667
3944	ALL		367455	3858415	5.61E-07	30YrCancerDerived_InhSoilDermMMilk	5.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5606	0.037376
3945	ALL		367455	3858465	5.98E-07	30YrCancerDerived_InhSoilDermMMilk	5.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5984	0.039894667
3946	ALL		367455	3858515	6.42E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6418	0.042788667
3947	ALL		367455	3858565	6.87E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6867	0.045778667
3948	ALL		367455	3858615	7.34E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7343	0.048951333
3949	ALL		367455	3858665	7.80E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7804	0.052024
3950	ALL		367455	3858715	8.21E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8211	0.054738667
3951	ALL		367455	3858765	8.57E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8567	0.057114
3952	ALL		367455	3858815	8.83E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8825	0.058836
3953	ALL		367455	3858865	8.93E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8926	0.059506667
3954	ALL		367455	3858915	8.80E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8804	0.058696
3955	ALL		367455	3858965	8.39E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8395	0.055963333
3956	ALL		367455	3859015	7.77E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7767	0.05178
3957	ALL		367455	3859065	6.97E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6966	0.046440667
3958	ALL		367455	3859115	6.43E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6427	0.042845333
3959	ALL		367455	3859165	5.46E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.5463	0.036417333
3960	ALL		367455	3859215	4.68E-07	30YrCancerDerived_InhSoilDermMMilk	4.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4676	0.03117
3961	ALL		367455	3859265	3.97E-07	30YrCancerDerived_InhSoilDermMMilk	3.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3966	0.026436667
3962	ALL		367455	3859315	3.39E-07	30YrCancerDerived_InhSoilDermMMilk	3.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.339	0.022601333
3963	ALL		367455	3859365	2.98E-07	30YrCancerDerived_InhSoilDermMMilk	2.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2981	0.019873333
3964	ALL		367455	3859415	2.64E-07	30YrCancerDerived_InhSoilDermMMilk	2.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2635	0.017568
3965	ALL		367455	3859465	2.37E-07	30YrCancerDerived_InhSoilDermMMilk	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2372	0.015816
3966	ALL		367455	3859515	2.11E-07	30YrCancerDerived_InhSoilDermMMilk	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2114	0.014094667
3967	ALL		367455	3859565	1.88E-07	30YrCancerDerived_InhSoilDermMMilk	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1879	0.012525333
3968	ALL		367455	3859615	1.64E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.164	0.010930667
3969	ALL		367455	3859665	1.52E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1515	0.010102
3970	ALL		367455	3859715	1.33E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1325	0.008834
3971	ALL		367455	3859765	1.19E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1189	0.007923333
3972	ALL		367455	3859815	1.07E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.107	0.00713
3973	ALL		367455	3859865	9.84E-08	30YrCancerDerived_InhSoilDermMMilk	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	0.0984	0.006559067
3974	ALL		367455	3859915	9.09E-08	30YrCancerDerived_InhSoilDermMMilk	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	0.0909	0.006062267
3975	ALL		367455	3859965	8.56E-08	30YrCancerDerived_InhSoilDermMMilk	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	0.0856	0.005709267
3976	ALL		367455	3860015	7.96E-08	30YrCancerDerived_InhSoilDermMMilk	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	0.0796	0.005308267
3977	ALL		367455	3860065	7.44E-08	30YrCancerDerived_InhSoilDermMMilk	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	0.0744	0.0049596
3978	ALL		367405	3858265	4.33E-07	30YrCancerDerived_InhSoilDermMMilk	4.33E-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	0.4334	0.028894667
3979	ALL		367405	3858315	4.62E-07	30YrCancerDerived_InhSoilDermMMilk	4.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4621	0.030804
3980	ALL		367405	3858365	4.93E-07	30YrCancerDerived_InhSoilDermMMilk	4.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4926	0.032839333
3981	ALL		367405	3858415	5.25E-07	30YrCancerDerived_InhSoilDermMMilk	5.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5254	0.035026667
3982	ALL		367405	3858465	5.60E-07	30YrCancerDerived_InhSoilDermMMilk	5.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5599	0.037323333
3983	ALL		367405	3858515	5.97E-07	30YrCancerDerived_InhSoilDermMMilk	5.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5971	0.039803333
3984	ALL		367405	3858565	6.36E-07	30YrCancerDerived_InhSoilDermMMilk	6.36E-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	0.6357	0.042379333
3985	ALL		367405	3858615	6.74E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6743	0.044950667
3986	ALL		367405	3858665	7.10E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7096	0.047308
3987	ALL		367405	3858715	7.38E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7385	0.04923
3988	ALL		367405	3858765	7.62E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7616	0.050773333
3989	ALL		367405	3858815	7.72E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7721	0.051474667
3990	ALL		367405	3858865	7.72E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7717	0.051444
3991	ALL		367405	3858915	7.53E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7525	0.050167333
3992	ALL		367405	3858965	7.10E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7098	0.047321333
3993	ALL		367405	3859015	6.58E-07	30YrCancerDerived_InhSoilDermMMilk	6.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
4027	ALL		368005	3860165	1.58E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1576	0.010503333
4028	ALL		368005	3860265	1.31E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1312	0.008746667
4029	ALL		368105	3860165	1.95E-07	30YrCancerDerived_InhSoilDermMMilk	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1948	0.012987333
4030	ALL		368105	3860265	1.60E-07	30YrCancerDerived_InhSoilDermMMilk	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1597	0.010647333
4031	ALL		368205	3860165	2.19E-07	30YrCancerDerived_InhSoilDermMMilk	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.219	0.0146
4032	ALL		368205	3860265	1.83E-07	30YrCancerDerived_InhSoilDermMMilk	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1827	0.012176667
4033	ALL		368305	3860165	2.45E-07	30YrCancerDerived_InhSoilDermMMilk	2.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2453	0.016356
4034	ALL		368305	3860265	2.01E-07	30YrCancerDerived_InhSoilDermMMilk	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2011	0.013406
4035	ALL		368405	3860165	2.71E-07	30YrCancerDerived_InhSoilDermMMilk	2.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2708	0.018056
4036	ALL		368405	3860265	2.30E-07	30YrCancerDerived_InhSoilDermMMilk	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2299	0.015328
4037	ALL		368505	3860165	3.05E-07	30YrCancerDerived_InhSoilDermMMilk	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3046	0.020304667
4038	ALL		368505	3860265	2.54E-07	30YrCancerDerived_InhSoilDermMMilk	2.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2535	0.016901333
4039	ALL		368605	3860165	3.42E-07	30YrCancerDerived_InhSoilDermMMilk	3.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3415	0.022767333
4040	ALL		368605	3860265	2.79E-07	30YrCancerDerived_InhSoilDermMMilk	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2791	0.018609333
4041	ALL		368705	3860165	3.84E-07	30YrCancerDerived_InhSoilDermMMilk	3.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3838	0.025586667
4042	ALL		368705	3860265	3.07E-07	30YrCancerDerived_InhSoilDermMMilk	3.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3068	0.020453333
4043	ALL		368805	3860165	4.50E-07	30YrCancerDerived_InhSoilDermMMilk	4.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4498	0.029984667
4044	ALL		368805	3860265	3.47E-07	30YrCancerDerived_InhSoilDermMMilk	3.47E-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	0.3474	0.023159333
4045	ALL		368905	3860165	5.14E-07	30YrCancerDerived_InhSoilDermMMilk	5.14E-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	0.5142	0.034277333
4046	ALL		368905	3860265	3.98E-07	30YrCancerDerived_InhSoilDermMMilk	3.98E-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	0.3975	0.026502
4047	ALL		369005	3860165	5.64E-07	30YrCancerDerived_InhSoilDermMMilk	5.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5635	0.037568
4048	ALL		369005	3860265	4.42E-07	30YrCancerDerived_InhSoilDermMMilk	4.42E-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	0.4416	0.029439333
4049	ALL		369105	3860165	6.13E-07	30YrCancerDerived_InhSoilDermMMilk	6.13E-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	0.6133	0.040884
4050	ALL		369105	3860265	4.84E-07	30YrCancerDerived_InhSoilDermMMilk	4.84E-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	0.4838	0.032250667
4051	ALL		369205	3860165	6.75E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6747	0.044976667
4052	ALL		369205	3860265	5.28E-07	30YrCancerDerived_InhSoilDermMMilk	5.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5278	0.035188
4053	ALL		369305	3860165	7.31E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7309	0.048724667
4054	ALL		369305	3860265	5.78E-07	30YrCancerDerived_InhSoilDermMMilk	5.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.578	0.038535333
4055	ALL		369405	3860165	7.68E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.768	0.0512
4056	ALL		369405	3860265	6.17E-07	30YrCancerDerived_InhSoilDermMMilk	6.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.6171	0.041137333
4057	ALL		369505	3860165	7.94E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7944	0.052956667
4058	ALL		369505	3860265	6.52E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6518	0.043451333
4059	ALL		369605	3860165	8.13E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8125	0.054168
4060	ALL		369605	3860265	6.76E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6762	0.045081333
4061	ALL		369505	3860065	9.72E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9715	0.064767333
4062	ALL		369505	3859965	1.17E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.165	0.077666667
4063	ALL		369505	3859865	1.38E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3834	0.092226667
4064	ALL		369505	3859765	1.61E-06	30YrCancerDerived_InhSoilDermMMilk	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.6058	0.107053333
4065	ALL		369505	3859665	1.79E-06	30YrCancerDerived_InhSoilDermMMilk	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.7908	0.119386667
4066	ALL		369505	3859565	1.89E-06	30YrCancerDerived_InhSoilDermMMilk	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8869	0.125793333
4067	ALL		369505	3859465	1.88E-06	30YrCancerDerived_InhSoilDermMMilk	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8818	0.125453333
4068	ALL		369505	3859365	1.81E-06	30YrCancerDerived_InhSoilDermMMilk	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.8112	0.120746667
4069	ALL		369505	3859265	1.69E-06	30YrCancerDerived_InhSoilDermMMilk	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.6937	0.112913333
4070	ALL		369505	3859165	1.54E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.5417	0.10278
4071	ALL		369505	3859065	1.43E-06	30YrCancerDerived_InhSoilDermMMilk	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.4283	0.09522
4072	ALL		369505	3858965	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2764	0.085093333
4073	ALL		369505	3858865	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0616	0.070773333
4074	ALL		369505	3858765	8.30E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.8299	0.055327333
4075	ALL		369505	3858665	6.33E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6326	0.04217
4076	ALL		369505	3858565	4.99E-07	30YrCancerDerived_InhSoilDermMMilk	4.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4987	0.033244667
4077	ALL		369505	3858465	4.13E-07	30YrCancerDerived_InhSoilDermMMilk	4.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4126	0.027504667
4078	ALL		369505	3858365	3.52E-07	30YrCancerDerived_InhSoilDermMMilk	3.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3522	0.023482
4079	ALL		369505	3858265	3.03E-07	30YrCancerDerived_InhSoilDermMMilk	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.303	0.0202
4080	ALL		369505	3858165	2.66E-07	30YrCancerDerived_InhSoilDermMMilk	2.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2657	0.017712
4081	ALL		369505	3858065	2.39E-07	30YrCancerDerived_InhSoilDermMMilk	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.239	0.015933333
4082	ALL		369505	3857965	2.19E-07	30YrCancerDerived_InhSoilDermMMilk	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2191	0.014604
4083	ALL		369505	3857865	2.04E-07	30YrCancerDerived_InhSoilDermMMilk	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2038	0.013588667
4084	ALL		369605	3860065	9.71E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9714	0.064762667
4085	ALL		369605	3859965	1.14E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1356	0.075706667
4086	ALL		369605	3859865	1.30E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2971	0.086473333
4087	ALL		369605	3859765	1.44E-06	30YrCancerDerived_InhSoilDermMMilk	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44	0.096
4088	ALL		369605	3859665	1.52E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.5205	0.101366667
4089	ALL		369605	3859565	1.53E-06	30YrCancerDerived_InhSoilDermMMilk	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.5285	0.1019
4090	ALL		369605	3859465	1.47E-06	30YrCancerDerived_InhSoilDermMMilk	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.4653	0.097686667
4091	ALL		369605	3859365	1.37E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.3746	0.09164
4092	ALL		369605	3859265	1.28E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2814	0.085426667
4093	ALL		369605	3859165	1.20E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.2027	0.08018
4094	ALL		369605	3859065	1.15E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.1494	0.076626667
4095	ALL		369605	3858965	1.06E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0588	0.070586667
4096	ALL		369605	3858865	9.12E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9122	0.06081
4097	ALL		369605	3858765	7.48E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.748	0.049866667
4098	ALL		369605	3858665	5.85E-07	30YrCancerDerived_InhSoilDermMMilk	5.85E-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	0.5852	0.039014667
4099	ALL		369605	3858565	4.57E-07	30YrCancerDerived_InhSoilDermMMilk	4.57E-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	0.4571	0.030472667
4100	ALL		369605	3858465	3.71E-07	30YrCancerDerived_InhSoilDermMMilk	3.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3714	0.024758667
4101	ALL		369605	3858365	3.18E-07	30YrCancerDerived_InhSoilDermMMilk	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3175	0.021168
4102	ALL		369605	3858265	2.75E-07	30YrCancerDerived_InhSoilDermMMilk	2.75E-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	0.2753	0.018352667
4103	ALL		369605	3858165	2.42E-07	30YrCancerDerived_InhSoilDermMMilk	2.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.242	0.016134
4104	ALL		369605	3858065	2.17E-07	30YrCancerDerived_InhSoilDermMMilk	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2171	0.014473333
4105	ALL		369605	3857965	1.99E-07	30YrCancerDerived_InhSoilDermMMilk	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1991	0.013275333
4106	ALL		369605	3857865	1.86E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1859	0.012394667
4107	ALL		369405	3857965	2.42E-07	30YrCancerDerived_InhSoilDermMMilk	2.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2418	0.016120667
4108	ALL		369405	3857865	2.24E-07	30YrCancerDerived_InhSoilDermMMilk	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2238	0.014922667
4109	ALL		369305	3857965	2.64E-07	30YrCancerDerived_InhSoilDermMMilk	2.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2642	0.017611333
4110	ALL		369305	3857865	2.43E-07	30YrCancerDerived_InhSoilDermMMilk	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2429	0.016195333
4111	ALL		369205	3857965	2.87E-07	30YrCancerDerived_InhSoilDermMMilk	2.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2865	0.019102
4112	ALL		369205	3857865	2.61E-07	30YrCancerDerived_InhSoilDermMMilk	2.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2613	0.01742
4113	ALL		369105	3857965	3.07E-07	30YrCancerDerived_InhSoilDermMMilk	3.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3073	0.020488
4114	ALL		369105	3857865	2.78E-07	30YrCancerDerived_InhSoilDermMMilk	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2775	0.018500667
4115	ALL		369005	3857965	3.29E-07	30YrCancerDerived_InhSoilDermMMilk	3.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
4149	ALL		367305	3857965	2.85E-07	30YrCancerDerived_InhSoilDermMMilk	2.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2852	0.019014667
4150	ALL		367305	3857865	2.63E-07	30YrCancerDerived_InhSoilDermMMilk	2.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2625	0.017502667
4151	ALL		367205	3857965	2.64E-07	30YrCancerDerived_InhSoilDermMMilk	2.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2637	0.017576667
4152	ALL		367205	3857865	2.42E-07	30YrCancerDerived_InhSoilDermMMilk	2.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2424	0.01616
4153	ALL		367305	3858065	3.15E-07	30YrCancerDerived_InhSoilDermMMilk	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3146	0.020971333
4154	ALL		367305	3858165	3.50E-07	30YrCancerDerived_InhSoilDermMMilk	3.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.35	0.023334
4155	ALL		367305	3858265	3.93E-07	30YrCancerDerived_InhSoilDermMMilk	3.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3933	0.026218667
4156	ALL		367305	3858365	4.40E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.4404	0.029356667
4157	ALL		367305	3858465	4.93E-07	30YrCancerDerived_InhSoilDermMMilk	4.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4931	0.032874
4158	ALL		367305	3858565	5.50E-07	30YrCancerDerived_InhSoilDermMMilk	5.50E-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	0.55	0.036665333
4159	ALL		367305	3858665	5.95E-07	30YrCancerDerived_InhSoilDermMMilk	5.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5952	0.039681333
4160	ALL		367305	3858765	6.10E-07	30YrCancerDerived_InhSoilDermMMilk	6.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.6097	0.040648667
4161	ALL		367305	3858865	5.90E-07	30YrCancerDerived_InhSoilDermMMilk	5.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.59	0.039332667
4162	ALL		367305	3858965	5.28E-07	30YrCancerDerived_InhSoilDermMMilk	5.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5281	0.035205333
4163	ALL		367305	3859065	4.51E-07	30YrCancerDerived_InhSoilDermMMilk	4.51E-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	0.4514	0.030093333
4164	ALL		367305	3859165	3.79E-07	30YrCancerDerived_InhSoilDermMMilk	3.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3785	0.025234
4165	ALL		367305	3859265	3.03E-07	30YrCancerDerived_InhSoilDermMMilk	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3031	0.020204667
4166	ALL		367305	3859365	2.34E-07	30YrCancerDerived_InhSoilDermMMilk	2.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2336	0.015576
4167	ALL		367305	3859465	1.76E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1762	0.011745333
4168	ALL		367305	3859565	1.41E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1406	0.009374667
4169	ALL		367305	3859665	1.11E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1108	0.007387333
4170	ALL		367305	3859765	9.56E-08	30YrCancerDerived_InhSoilDermMMilk	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	0.0956	0.006371667
4171	ALL		367305	3859865	7.97E-08	30YrCancerDerived_InhSoilDermMMilk	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	0.0797	0.005312667
4172	ALL		367305	3859965	6.83E-08	30YrCancerDerived_InhSoilDermMMilk	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	0.0683	0.004554333
4173	ALL		367305	3860065	5.97E-08	30YrCancerDerived_InhSoilDermMMilk	5.97E-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	0.0597	0.003979067
4174	ALL		367305	3860165	5.44E-08	30YrCancerDerived_InhSoilDermMMilk	5.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0544	0.003626
4175	ALL		367305	3860265	4.96E-08	30YrCancerDerived_InhSoilDermMMilk	4.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0496	0.003303533
4176	ALL		367205	3858065	2.90E-07	30YrCancerDerived_InhSoilDermMMilk	2.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2904	0.019359333
4177	ALL		367205	3858165	3.23E-07	30YrCancerDerived_InhSoilDermMMilk	3.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3233	0.021555333
4178	ALL		367205	3858265	3.59E-07	30YrCancerDerived_InhSoilDermMMilk	3.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3592	0.023944
4179	ALL		367205	3858365	3.96E-07	30YrCancerDerived_InhSoilDermMMilk	3.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3964	0.026428
4180	ALL		367205	3858465	4.37E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.4369	0.029126
4181	ALL		367205	3858565	4.76E-07	30YrCancerDerived_InhSoilDermMMilk	4.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4759	0.031723333
4182	ALL		367205	3858665	5.04E-07	30YrCancerDerived_InhSoilDermMMilk	5.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.5039	0.033593333
4183	ALL		367205	3858765	5.04E-07	30YrCancerDerived_InhSoilDermMMilk	5.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.504	0.033602
4184	ALL		367205	3858865	4.62E-07	30YrCancerDerived_InhSoilDermMMilk	4.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4622	0.030812667
4185	ALL		367205	3858965	4.10E-07	30YrCancerDerived_InhSoilDermMMilk	4.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4103	0.027352
4186	ALL		367205	3859065	3.57E-07	30YrCancerDerived_InhSoilDermMMilk	3.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3568	0.023787333
4187	ALL		367205	3859165	3.00E-07	30YrCancerDerived_InhSoilDermMMilk	3.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2997	0.019982667
4188	ALL		367205	3859265	2.52E-07	30YrCancerDerived_InhSoilDermMMilk	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2517	0.016779333
4189	ALL		367205	3859365	1.97E-07	30YrCancerDerived_InhSoilDermMMilk	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1972	0.013148667
4190	ALL		367205	3859465	1.58E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1582	0.010546667
4191	ALL		367205	3859565	1.23E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1229	0.008193333
4192	ALL		367205	3859665	9.73E-08	30YrCancerDerived_InhSoilDermMMilk	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	0.0973	0.006485
4193	ALL		367205	3859765	7.88E-08	30YrCancerDerived_InhSoilDermMMilk	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	0.0788	0.0052516
4194	ALL		367205	3859865	7.29E-08	30YrCancerDerived_InhSoilDermMMilk	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	0.0729	0.0048594
4195	ALL		367205	3859965	6.12E-08	30YrCancerDerived_InhSoilDermMMilk	6.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0612	0.004079267
4196	ALL		367205	3860065	5.38E-08	30YrCancerDerived_InhSoilDermMMilk	5.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0538	0.0035868
4197	ALL		367205	3860165	4.86E-08	30YrCancerDerived_InhSoilDermMMilk	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	0.0486	0.003238133
4198	ALL		367205	3860265	4.41E-08	30YrCancerDerived_InhSoilDermMMilk	4.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0441	0.0029418
4199	ALL		367205	3860515	3.62E-08	30YrCancerDerived_InhSoilDermMMilk	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	0.0362	0.002410067
4200	ALL		367205	3860765	3.13E-08	30YrCancerDerived_InhSoilDermMMilk	3.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0313	0.0020876
4201	ALL		367446.7	3860515	4.52E-08	30YrCancerDerived_InhSoilDermMMilk	4.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0452	0.003011533
4202	ALL		367446.7	3860765	3.77E-08	30YrCancerDerived_InhSoilDermMMilk	3.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0377	0.002510333
4203	ALL		367688.3	3860515	6.02E-08	30YrCancerDerived_InhSoilDermMMilk	6.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0602	0.004013933
4204	ALL		367688.3	3860765	4.31E-08	30YrCancerDerived_InhSoilDermMMilk	4.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0431	0.002872067
4205	ALL		367930	3860515	7.92E-08	30YrCancerDerived_InhSoilDermMMilk	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	0.0792	0.0052778
4206	ALL		367930	3860765	5.64E-08	30YrCancerDerived_InhSoilDermMMilk	5.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0564	0.003761133
4207	ALL		368171.7	3860515	1.07E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1068	0.007116667
4208	ALL		368171.7	3860765	7.35E-08	30YrCancerDerived_InhSoilDermMMilk	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	0.0735	0.0048986
4209	ALL		368413.3	3860515	1.52E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1516	0.010106667
4210	ALL		368413.3	3860765	1.04E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1037	0.006912
4211	ALL		368655	3860515	1.89E-07	30YrCancerDerived_InhSoilDermMMilk	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1888	0.012586667
4212	ALL		368655	3860765	1.33E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1328	0.008856
4213	ALL		368896.7	3860515	2.28E-07	30YrCancerDerived_InhSoilDermMMilk	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2281	0.015206
4214	ALL		368896.7	3860765	1.50E-07	30YrCancerDerived_InhSoilDermMMilk	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1504	0.010028
4215	ALL		369138.3	3860515	2.86E-07	30YrCancerDerived_InhSoilDermMMilk	2.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2858	0.01905
4216	ALL		369138.3	3860765	1.87E-07	30YrCancerDerived_InhSoilDermMMilk	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1867	0.012447333
4217	ALL		369380	3860515	3.52E-07	30YrCancerDerived_InhSoilDermMMilk	3.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3519	0.02346
4218	ALL		369380	3860765	2.19E-07	30YrCancerDerived_InhSoilDermMMilk	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2193	0.014617333
4219	ALL		369621.7	3860515	4.26E-07	30YrCancerDerived_InhSoilDermMMilk	4.26E-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	0.4261	0.028406667
4220	ALL		369621.7	3860765	2.64E-07	30YrCancerDerived_InhSoilDermMMilk	2.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2643	0.01762
4221	ALL		369863.3	3860515	4.80E-07	30YrCancerDerived_InhSoilDermMMilk	4.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4796	0.031972
4222	ALL		369863.3	3860765	3.19E-07	30YrCancerDerived_InhSoilDermMMilk	3.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3195	0.021298667
4223	ALL		370105	3860515	4.92E-07	30YrCancerDerived_InhSoilDermMMilk	4.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4925	0.03283
4224	ALL		370105	3860765	3.57E-07	30YrCancerDerived_InhSoilDermMMilk	3.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3568	0.023787333
4225	ALL		369855	3860265	6.92E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6924	0.046162
4226	ALL		369855	3860023	9.13E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.9125	0.060836
4227	ALL		369855	3859782	1.01E-06	30YrCancerDerived_InhSoilDermMMilk	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	1.0065	0.0671
4228	ALL		369855	3859540	8.83E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.883	0.058866
4229	ALL		369855	3859298	7.61E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7612	0.050746667
4230	ALL		369855	3859057	7.39E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.7393	0.049286667
4231	ALL		369855	3858815	6.18E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.6176	0.041172
4232	ALL		369855	3858573	4.09E-07	30YrCancerDerived_InhSoilDermMMilk	4.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4085	0.027234667
4233	ALL		369855	3858332	2.46E-07	30YrCancerDerived_InhSoilDermMMilk	2.46E-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	0.2457	0.016382667
4234	ALL		369855	3858090	1.78E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1781	0.011876
4235	ALL		369855	3857848	1.45E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1451	0.009675333
4236	ALL		369855	3857607	1.31E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1309	0.008725333
4237	ALL		369855	3857365	1.22E-07	30YrCancerDerived_InhSoilDermMMilk	1.22E-07	0.

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
4271	ALL		367188.3	3857615	2.02E-07	30YrCancerDerived_InhSoilDermMMilk	2.02E-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	0.2025	0.013497333
4272	ALL		367188.3	3857365	1.72E-07	30YrCancerDerived_InhSoilDermMMilk	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1717	0.011444667
4273	ALL		366946.7	3857615	1.72E-07	30YrCancerDerived_InhSoilDermMMilk	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1723	0.011488
4274	ALL		366946.7	3857365	1.52E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1515	0.010102
4275	ALL		366705	3857615	1.54E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1544	0.010294
4276	ALL		366705	3857365	1.33E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.133	0.008864667
4277	ALL		366955	3857865	2.07E-07	30YrCancerDerived_InhSoilDermMMilk	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2072	0.013815333
4278	ALL		366955	3858107	2.57E-07	30YrCancerDerived_InhSoilDermMMilk	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2569	0.017123333
4279	ALL		366955	3858348	3.05E-07	30YrCancerDerived_InhSoilDermMMilk	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3048	0.020318
4280	ALL		366955	3858590	3.37E-07	30YrCancerDerived_InhSoilDermMMilk	3.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3368	0.022453333
4281	ALL		366955	3858832	3.04E-07	30YrCancerDerived_InhSoilDermMMilk	3.04E-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	0.3043	0.020287333
4282	ALL		366955	3859073	2.32E-07	30YrCancerDerived_InhSoilDermMMilk	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2316	0.015441333
4283	ALL		366955	3859315	1.47E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1475	0.009832
4284	ALL		366955	3859557	8.70E-08	30YrCancerDerived_InhSoilDermMMilk	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	0.087	0.005800733
4285	ALL		366955	3859798	4.88E-08	30YrCancerDerived_InhSoilDermMMilk	4.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0488	0.0032556
4286	ALL		366955	3860040	3.92E-08	30YrCancerDerived_InhSoilDermMMilk	3.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0392	0.002610533
4287	ALL		366955	3860282	3.46E-08	30YrCancerDerived_InhSoilDermMMilk	3.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0346	0.002305467
4288	ALL		366955	3860523	2.87E-08	30YrCancerDerived_InhSoilDermMMilk	2.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0287	0.001913267
4289	ALL		366955	3860765	2.56E-08	30YrCancerDerived_InhSoilDermMMilk	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0256	0.001704067
4290	ALL		366705	3857865	1.84E-07	30YrCancerDerived_InhSoilDermMMilk	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1844	0.01229
4291	ALL		366705	3858107	2.15E-07	30YrCancerDerived_InhSoilDermMMilk	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2152	0.014347333
4292	ALL		366705	3858348	2.46E-07	30YrCancerDerived_InhSoilDermMMilk	2.46E-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	0.2465	0.016430667
4293	ALL		366705	3858590	2.38E-07	30YrCancerDerived_InhSoilDermMMilk	2.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2383	0.015885333
4294	ALL		366705	3858832	1.98E-07	30YrCancerDerived_InhSoilDermMMilk	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.198	0.013200667
4295	ALL		366705	3859073	1.55E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1553	0.010355333
4296	ALL		366705	3859315	1.09E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1094	0.007295333
4297	ALL		366705	3859557	5.67E-08	30YrCancerDerived_InhSoilDermMMilk	5.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0567	0.003778533
4298	ALL		366705	3859798	4.11E-08	30YrCancerDerived_InhSoilDermMMilk	4.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0411	0.002741333
4299	ALL		366705	3860040	2.78E-08	30YrCancerDerived_InhSoilDermMMilk	2.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0278	0.001852267
4300	ALL		366705	3860282	2.54E-08	30YrCancerDerived_InhSoilDermMMilk	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0254	0.001695333
4301	ALL		366705	3860523	2.50E-08	30YrCancerDerived_InhSoilDermMMilk	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.025	0.0016648
4302	ALL		366705	3860765	2.22E-08	30YrCancerDerived_InhSoilDermMMilk	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0222	0.0014774
4303	ALL		366705	3861165	2.01E-08	30YrCancerDerived_InhSoilDermMMilk	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0201	0.001338
4304	ALL		366705	3861565	1.73E-08	30YrCancerDerived_InhSoilDermMMilk	1.73E-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	0.0173	0.001150533
4305	ALL		367171.7	3861165	2.29E-08	30YrCancerDerived_InhSoilDermMMilk	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0229	0.0015254
4306	ALL		367171.7	3861565	1.90E-08	30YrCancerDerived_InhSoilDermMMilk	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.019	0.001263867
4307	ALL		367638.3	3861165	3.08E-08	30YrCancerDerived_InhSoilDermMMilk	3.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0308	0.002052733
4308	ALL		367638.3	3861565	2.50E-08	30YrCancerDerived_InhSoilDermMMilk	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.025	0.0016648
4309	ALL		368105	3861165	4.65E-08	30YrCancerDerived_InhSoilDermMMilk	4.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0465	0.003098667
4310	ALL		368105	3861565	3.39E-08	30YrCancerDerived_InhSoilDermMMilk	3.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0339	0.002257533
4311	ALL		368571.7	3861165	7.61E-08	30YrCancerDerived_InhSoilDermMMilk	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	0.0761	0.005072933
4312	ALL		368571.7	3861565	5.66E-08	30YrCancerDerived_InhSoilDermMMilk	5.66E-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	0.0566	0.0037742
4313	ALL		369038.3	3861165	9.79E-08	30YrCancerDerived_InhSoilDermMMilk	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	0.0979	0.0065242
4314	ALL		369038.3	3861565	6.79E-08	30YrCancerDerived_InhSoilDermMMilk	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	0.0679	0.0045282
4315	ALL		369505	3861165	1.35E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1351	0.009004
4316	ALL		369505	3861565	8.75E-08	30YrCancerDerived_InhSoilDermMMilk	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	0.0875	0.0058356
4317	ALL		369971.7	3861165	1.83E-07	30YrCancerDerived_InhSoilDermMMilk	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1826	0.012172667
4318	ALL		369971.7	3861565	1.08E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1078	0.007186667
4319	ALL		370438.3	3861165	2.36E-07	30YrCancerDerived_InhSoilDermMMilk	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2363	0.015754667
4320	ALL		370438.3	3861565	1.41E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1406	0.00937
4321	ALL		370905	3861165	2.49E-07	30YrCancerDerived_InhSoilDermMMilk	2.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2493	0.016618
4322	ALL		370905	3861565	1.72E-07	30YrCancerDerived_InhSoilDermMMilk	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1716	0.01144
4323	ALL		370505	3860765	3.67E-07	30YrCancerDerived_InhSoilDermMMilk	3.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3671	0.024471333
4324	ALL		370505	3860298	4.75E-07	30YrCancerDerived_InhSoilDermMMilk	4.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.4751	0.031671333
4325	ALL		370505	3859832	3.94E-07	30YrCancerDerived_InhSoilDermMMilk	3.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3937	0.026249333
4326	ALL		370505	3859365	3.19E-07	30YrCancerDerived_InhSoilDermMMilk	3.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3186	0.021237333
4327	ALL		370505	3858898	3.31E-07	30YrCancerDerived_InhSoilDermMMilk	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3305	0.022035333
4328	ALL		370505	3858432	2.35E-07	30YrCancerDerived_InhSoilDermMMilk	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2351	0.015672
4329	ALL		370505	3857965	1.15E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1152	0.007679333
4330	ALL		370505	3857498	7.09E-08	30YrCancerDerived_InhSoilDermMMilk	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	0.0709	0.004728667
4331	ALL		370505	3857032	6.88E-08	30YrCancerDerived_InhSoilDermMMilk	6.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0688	0.0045892
4332	ALL		370505	3856565	6.71E-08	30YrCancerDerived_InhSoilDermMMilk	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	0.0671	0.004475867
4333	ALL		370905	3860765	3.28E-07	30YrCancerDerived_InhSoilDermMMilk	3.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.3275	0.021834667
4334	ALL		370905	3860298	3.30E-07	30YrCancerDerived_InhSoilDermMMilk	3.30E-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	0.3301	0.022004667
4335	ALL		370905	3859832	2.45E-07	30YrCancerDerived_InhSoilDermMMilk	2.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2449	0.016326
4336	ALL		370905	3859365	2.24E-07	30YrCancerDerived_InhSoilDermMMilk	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2238	0.014922667
4337	ALL		370905	3858898	2.36E-07	30YrCancerDerived_InhSoilDermMMilk	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.2364	0.015759333
4338	ALL		370905	3858432	1.87E-07	30YrCancerDerived_InhSoilDermMMilk	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.1872	0.012477333
4339	ALL		370905	3857965	1.18E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1177	0.007849333
4340	ALL		370905	3857498	5.88E-08	30YrCancerDerived_InhSoilDermMMilk	5.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0588	0.003918
4341	ALL		370905	3857032	4.87E-08	30YrCancerDerived_InhSoilDermMMilk	4.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0487	0.003246867
4342	ALL		370905	3856565	5.20E-08	30YrCancerDerived_InhSoilDermMMilk	5.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.052	0.003469133
4343	ALL		370105	3856965	9.17E-08	30YrCancerDerived_InhSoilDermMMilk	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	0.0917	0.006114533
4344	ALL		370105	3856565	7.94E-08	30YrCancerDerived_InhSoilDermMMilk	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	0.0794	0.0052952
4345	ALL		369638.3	3856965	1.14E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1138	0.007587333
4346	ALL		369638.3	3856565	9.25E-08	30YrCancerDerived_InhSoilDermMMilk	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	0.0925	0.006166867
4347	ALL		369171.7	3856965	1.26E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1262	0.008416
4348	ALL		369171.7	3856565	9.68E-08	30YrCancerDerived_InhSoilDermMMilk	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	0.0968	0.006454467
4349	ALL		368705	3856965	1.32E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1324	0.008825333
4350	ALL		368705	3856565	1.01E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.101	0.006733333
4351	ALL		368238.3	3856965	1.43E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1428	0.009522667
4352	ALL		368238.3	3856565	1.10E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1096	0.007304667
4353	ALL		367771.7	3856965	1.52E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1523	0.01015
4354	ALL		367771.7	3856565	1.17E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.117	0.007801333
4355	ALL		367305	3856965	1.39E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1387	0.009244
4356	ALL		367305	3856565	1.16E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.116	0.007731333
4357	ALL		366838.3	3856965	1.20E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1202	0.008010667
4358	ALL		366838.3	3856565	1.02E-07	30YrCancerDerived_InhSoilDermMMilk	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	0.1015	0.006768
4359	ALL		366371.7	3856965	9.85E-08	30YrCancerDer

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
4393	ALL		368060	3859165	2.05E-05	30YrCancerDerived_InhSoilDermMMilk	2.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	20.519	1.367933333
4394	ALL		368065	3859367	3.18E-06	30YrCancerDerived_InhSoilDermMMilk	3.18E-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	3.1801	0.212006667
4395	ALL		368470	3859354	1.33E-05	30YrCancerDerived_InhSoilDermMMilk	1.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.307	0.887133333
4396	ALL		368576	3859351	1.73E-05	30YrCancerDerived_InhSoilDermMMilk	1.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	17.341	1.156066667
4397	ALL		368582	3859551	4.07E-06	30YrCancerDerived_InhSoilDermMMilk	4.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.0736	0.271573333
4398	ALL		368686	3859547	7.29E-06	30YrCancerDerived_InhSoilDermMMilk	7.29E-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	7.2945	0.4863
4399	ALL		368678	3859348	1.89E-05	30YrCancerDerived_InhSoilDermMMilk	1.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	18.889	1.259266667
4400	ALL		369072	3859335	1.15E-05	30YrCancerDerived_InhSoilDermMMilk	1.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.532	0.7688
4401	ALL		369068	3859237	9.86E-06	30YrCancerDerived_InhSoilDermMMilk	9.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.8594	0.657293333
4402	ALL		368880	3859242	2.66E-05	30YrCancerDerived_InhSoilDermMMilk	2.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	26.588	1.772533333
4403	ALL		368875	3859143	2.44E-05	30YrCancerDerived_InhSoilDermMMilk	2.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	24.419	1.627933333
4404	ALL		369080	3859137	1.25E-05	30YrCancerDerived_InhSoilDermMMilk	1.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.48	0.832
4405	ALL		369070	3858940	4.43E-06	30YrCancerDerived_InhSoilDermMMilk	4.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.4303	0.295353333
4406	ALL		368862	3858948	1.21E-05	30YrCancerDerived_InhSoilDermMMilk	1.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.081	0.8054
4407	ALL		368655	3858749	5.14E-06	30YrCancerDerived_InhSoilDermMMilk	5.14E-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	5.1422	0.342813333
4408	ALL		368452	3858752	5.69E-06	30YrCancerDerived_InhSoilDermMMilk	5.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.6892	0.37928
4409	ALL		368460.2	3859253	1.50E-05	30YrCancerDerived_InhSoilDermMMilk	1.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	14.977	0.998466667
4410	ALL		368450.4	3859254	1.46E-05	30YrCancerDerived_InhSoilDermMMilk	1.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	14.593	0.972866667
4411	ALL		368440.6	3859254	1.44E-05	30YrCancerDerived_InhSoilDermMMilk	1.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	14.38	0.958666667
4412	ALL		368430.8	3859254	1.43E-05	30YrCancerDerived_InhSoilDermMMilk	1.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	14.304	0.9536
4413	ALL		368421	3859255	1.43E-05	30YrCancerDerived_InhSoilDermMMilk	1.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	14.308	0.953866667
4414	ALL		368411.1	3859255	1.44E-05	30YrCancerDerived_InhSoilDermMMilk	1.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	14.375	0.958333333
4415	ALL		368401.3	3859255	1.44E-05	30YrCancerDerived_InhSoilDermMMilk	1.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	14.44	0.962666667
4416	ALL		368391.5	3859256	1.45E-05	30YrCancerDerived_InhSoilDermMMilk	1.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	14.532	0.9688
4417	ALL		368381.7	3859256	1.47E-05	30YrCancerDerived_InhSoilDermMMilk	1.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	14.666	0.977733333
4418	ALL		368371.9	3859256	1.49E-05	30YrCancerDerived_InhSoilDermMMilk	1.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	14.89	0.992666667
4419	ALL		368362.1	3859257	1.52E-05	30YrCancerDerived_InhSoilDermMMilk	1.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	15.18	1.012
4420	ALL		368352.3	3859257	1.55E-05	30YrCancerDerived_InhSoilDermMMilk	1.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	15.519	1.0346
4421	ALL		368342.5	3859257	1.59E-05	30YrCancerDerived_InhSoilDermMMilk	1.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	15.884	1.058933333
4422	ALL		368332.7	3859258	1.63E-05	30YrCancerDerived_InhSoilDermMMilk	1.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	16.3	1.086666667
4423	ALL		368322.9	3859258	1.68E-05	30YrCancerDerived_InhSoilDermMMilk	1.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	16.786	1.119066667
4424	ALL		368313.1	3859258	1.74E-05	30YrCancerDerived_InhSoilDermMMilk	1.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	17.364	1.1576
4425	ALL		368303.2	3859259	1.81E-05	30YrCancerDerived_InhSoilDermMMilk	1.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	18.059	1.203933333
4426	ALL		368293.4	3859259	1.89E-05	30YrCancerDerived_InhSoilDermMMilk	1.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	18.902	1.260133333
4427	ALL		368283.6	3859259	1.99E-05	30YrCancerDerived_InhSoilDermMMilk	1.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	19.913	1.327533333
4428	ALL		368273.8	3859260	2.11E-05	30YrCancerDerived_InhSoilDermMMilk	2.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	21.146	1.409733333
4429	ALL		368263.7	3859250	2.19E-05	30YrCancerDerived_InhSoilDermMMilk	2.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	21.904	1.460266667
4430	ALL		368263.4	3859241	2.13E-05	30YrCancerDerived_InhSoilDermMMilk	2.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	21.347	1.423133333
4431	ALL		368263.1	3859231	2.09E-05	30YrCancerDerived_InhSoilDermMMilk	2.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	20.944	1.396266667
4432	ALL		368262.8	3859221	2.07E-05	30YrCancerDerived_InhSoilDermMMilk	2.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	20.669	1.377933333
4433	ALL		368262.6	3859211	2.05E-05	30YrCancerDerived_InhSoilDermMMilk	2.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	20.515	1.367666667
4434	ALL		368262.3	3859202	2.05E-05	30YrCancerDerived_InhSoilDermMMilk	2.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	20.468	1.364533333
4435	ALL		368262	3859192	2.04E-05	30YrCancerDerived_InhSoilDermMMilk	2.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	20.446	1.363066667
4436	ALL		368261.7	3859182	2.04E-05	30YrCancerDerived_InhSoilDermMMilk	2.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	20.426	1.361733333
4437	ALL		368261.4	3859172	2.03E-05	30YrCancerDerived_InhSoilDermMMilk	2.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	20.343	1.3562
4438	ALL		368261.1	3859163	2.02E-05	30YrCancerDerived_InhSoilDermMMilk	2.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	20.154	1.3436
4439	ALL		368260.8	3859153	1.99E-05	30YrCancerDerived_InhSoilDermMMilk	1.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	19.935	1.329
4440	ALL		368260.5	3859143	1.98E-05	30YrCancerDerived_InhSoilDermMMilk	1.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	19.829	1.321933333
4441	ALL		368260.2	3859133	1.97E-05	30YrCancerDerived_InhSoilDermMMilk	1.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	19.716	1.3144
4442	ALL		368259.9	3859124	1.95E-05	30YrCancerDerived_InhSoilDermMMilk	1.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	19.548	1.3032
4443	ALL		368259.7	3859114	1.92E-05	30YrCancerDerived_InhSoilDermMMilk	1.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	19.215	1.281
4444	ALL		368259.4	3859104	1.88E-05	30YrCancerDerived_InhSoilDermMMilk	1.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	18.842	1.256133333
4445	ALL		368259.1	3859094	1.84E-05	30YrCancerDerived_InhSoilDermMMilk	1.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	18.428	1.228533333
4446	ALL		368258.8	3859085	1.80E-05	30YrCancerDerived_InhSoilDermMMilk	1.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	17.986	1.199066667
4447	ALL		368258.5	3859075	1.75E-05	30YrCancerDerived_InhSoilDermMMilk	1.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	17.508	1.1672
4448	ALL		368258.2	3859065	1.70E-05	30YrCancerDerived_InhSoilDermMMilk	1.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	17.01	1.134
4449	ALL		368257.9	3859055	1.66E-05	30YrCancerDerived_InhSoilDermMMilk	1.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	16.619	1.107933333
4450	ALL		368257.6	3859046	1.62E-05	30YrCancerDerived_InhSoilDermMMilk	1.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	16.161	1.0774
4451	ALL		368257.3	3859036	1.56E-05	30YrCancerDerived_InhSoilDermMMilk	1.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	15.626	1.041733333
4452	ALL		368257	3859026	1.49E-05	30YrCancerDerived_InhSoilDermMMilk	1.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	14.861	0.990733333
4453	ALL		368256.7	3859016	1.40E-05	30YrCancerDerived_InhSoilDermMMilk	1.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	14.015	0.934333333
4454	ALL		368256.5	3859007	1.31E-05	30YrCancerDerived_InhSoilDermMMilk	1.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.066	0.871066667
4455	ALL		368256.2	3858997	1.21E-05	30YrCancerDerived_InhSoilDermMMilk	1.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.056	0.803733333
4456	ALL		368255.9	3858987	1.09E-05	30YrCancerDerived_InhSoilDermMMilk	1.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.879	0.725266667
4457	ALL		368255.6	3858977	9.59E-06	30YrCancerDerived_InhSoilDermMMilk	9.59E-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	9.5889	0.63926
4458	ALL		368255.3	3858968	8.42E-06	30YrCancerDerived_InhSoilDermMMilk	8.42E-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	8.421	0.5614
4459	ALL		368245.4	3858958	8.07E-06	30YrCancerDerived_InhSoilDermMMilk	8.07E-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	8.07	0.538
4460	ALL		368235.9	3858958	8.87E-06	30YrCancerDerived_InhSoilDermMMilk	8.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.8737	0.59158
4461	ALL		368226.3	3858958	9.71E-06	30YrCancerDerived_InhSoilDermMMilk	9.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.7106	0.647333333
4462	ALL		368216.7	3858959	1.04E-05	30YrCancerDerived_InhSoilDermMMilk	1.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.43	0.695333333
4463	ALL		368207.1	3858959	1.10E-05	30YrCancerDerived_InhSoilDermMMilk	1.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.042	0.736133333
4464	ALL		368197.6	3858959	1.16E-05	30YrCancerDerived_InhSoilDermMMilk	1.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.578	0.771866667
4465	ALL		368188	3858959	1.21E-05	30YrCancerDerived_InhSoilDermMMilk	1.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.089	0.805933333
4466	ALL		368178.4	3858959	1.26E-05	30YrCancerDerived_InhSoilDermMMilk	1.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.562	0.837466667
4467	ALL		368168.9	3858959	1.30E-05	30YrCancerDerived_InhSoilDermMMilk	1.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.017	0.8678
4468	ALL		368159.3	3858959	1.34E-05	30YrCancerDerived_InhSoilDermMMilk	1.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.417	0.894466667
4469	ALL		368149.7	3858960	1.38E-05	30YrCancerDerived_InhSoilDermMMilk	1.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.813	0.920866667
4470	ALL		368140.1	3858960	1.42E-05	30YrCancerDerived_InhSoilDermMMilk	1.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	14.217	0.9478
4471	ALL		368130.6	3858960	1.47E-05	30YrCancerDerived_InhSoilDermMMilk	1.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	14.702	0.980133333
4472	ALL		368121	3858960	1.52E-05	30YrCancerDerived_InhSoilDermMMilk	1.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	15.227	1.015133333
4473	ALL		368111.4	3858960	1.58E-05	30YrCancerDerived_InhSoilDermMMilk	1.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	15.806	1.053733333
4474	ALL		368101.9	3858960	1.65E-05	30YrCancerDerived_InhSoilDermMMilk	1.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	16.455	1.097
4475	ALL		368092.3	3858960	1.72E-05	30YrCancerDerived_InhSoilDermMMilk	1.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	17.2	1.146666667
4476	ALL		368082.7	3858961	1.81E-05	30YrCancerDerived_InhSoilDermMMilk	1.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	18.077	1.205133333
4477	ALL		368073.1	3858961	1.91E-05	30YrCancerDerived_InhSoilDermMMilk	1.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	19.13	1.275333333
4478	ALL		368063.6	3858961	2.04E-05	30YrCancerDerived_InhSoilDermMMilk	2.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	20.421	1.3614
4479	ALL		368053.7	3858951	2.05E-05	30YrCancerDerived_InhSoilDermMMilk	2.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	20.465	1.364333333
4480	ALL		368053.4	3858942	1.93E-05	30YrCancerDerived_InhSoilDermMMilk	1.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	19.277	1.285133333
4481	ALL		368053.1	3858932	1.83E-05	30YrCancerDerived_

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
4515	ALL		367895.7	3858792	4.81E-06	30YrCancerDerived_InhSoilDermMMilk	4.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.8141	0.32094
4516	ALL		367890.6	3858800	4.92E-06	30YrCancerDerived_InhSoilDermMMilk	4.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.9213	0.328086667
4517	ALL		367885.5	3858808	5.01E-06	30YrCancerDerived_InhSoilDermMMilk	5.01E-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	5.0148	0.33432
4518	ALL		367880.5	3858816	5.10E-06	30YrCancerDerived_InhSoilDermMMilk	5.10E-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	5.0986	0.339906667
4519	ALL		367875.4	3858824	5.17E-06	30YrCancerDerived_InhSoilDermMMilk	5.17E-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	5.1715	0.344766667
4520	ALL		367870.3	3858832	5.23E-06	30YrCancerDerived_InhSoilDermMMilk	5.23E-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	5.2268	0.348453333
4521	ALL		367865.2	3858840	5.26E-06	30YrCancerDerived_InhSoilDermMMilk	5.26E-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	5.2601	0.350673333
4522	ALL		367860.2	3858848	5.28E-06	30YrCancerDerived_InhSoilDermMMilk	5.28E-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	5.2836	0.35224
4523	ALL		367855.1	3858856	5.30E-06	30YrCancerDerived_InhSoilDermMMilk	5.30E-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	5.2993	0.353286667
4524	ALL		367850.2	3858873	5.63E-06	30YrCancerDerived_InhSoilDermMMilk	5.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.6304	0.37536
4525	ALL		367850.4	3858882	5.96E-06	30YrCancerDerived_InhSoilDermMMilk	5.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.9633	0.397553333
4526	ALL		367850.6	3858892	6.31E-06	30YrCancerDerived_InhSoilDermMMilk	6.31E-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	6.3075	0.4205
4527	ALL		367850.7	3858901	6.67E-06	30YrCancerDerived_InhSoilDermMMilk	6.67E-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	6.6684	0.44456
4528	ALL		367850.9	3858910	7.06E-06	30YrCancerDerived_InhSoilDermMMilk	7.06E-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	7.06	0.470666667
4529	ALL		367851.1	3858919	7.51E-06	30YrCancerDerived_InhSoilDermMMilk	7.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.5082	0.500546667
4530	ALL		367851.3	3858928	8.05E-06	30YrCancerDerived_InhSoilDermMMilk	8.05E-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	8.049	0.5366
4531	ALL		367851.5	3858937	8.66E-06	30YrCancerDerived_InhSoilDermMMilk	8.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.6624	0.577493333
4532	ALL		367851.6	3858947	9.37E-06	30YrCancerDerived_InhSoilDermMMilk	9.37E-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	9.3689	0.624593333
4533	ALL		367851.8	3858956	1.02E-05	30YrCancerDerived_InhSoilDermMMilk	1.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.162	0.677466667
4534	ALL		367842.9	3858965	9.60E-06	30YrCancerDerived_InhSoilDermMMilk	9.60E-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	9.6	0.64
4535	ALL		367833.8	3858966	8.44E-06	30YrCancerDerived_InhSoilDermMMilk	8.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.4423	0.56282
4536	ALL		367824.7	3858966	7.51E-06	30YrCancerDerived_InhSoilDermMMilk	7.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.5131	0.500873333
4537	ALL		367815.6	3858966	6.75E-06	30YrCancerDerived_InhSoilDermMMilk	6.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.7496	0.449973333
4538	ALL		367806.6	3858966	6.11E-06	30YrCancerDerived_InhSoilDermMMilk	6.11E-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	6.1097	0.407313333
4539	ALL		367797.5	3858967	5.56E-06	30YrCancerDerived_InhSoilDermMMilk	5.56E-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	5.561	0.370733333
4540	ALL		367788.4	3858967	5.09E-06	30YrCancerDerived_InhSoilDermMMilk	5.09E-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	5.0917	0.339446667
4541	ALL		367779.3	3858967	4.64E-06	30YrCancerDerived_InhSoilDermMMilk	4.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.638	0.3092
4542	ALL		367770.2	3858967	4.28E-06	30YrCancerDerived_InhSoilDermMMilk	4.28E-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	4.2817	0.285446667
4543	ALL		367761.1	3858968	3.97E-06	30YrCancerDerived_InhSoilDermMMilk	3.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.9678	0.26452
4544	ALL		367752.2	3858978	3.77E-06	30YrCancerDerived_InhSoilDermMMilk	3.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.7678	0.251186667
4545	ALL		367752.5	3858987	3.87E-06	30YrCancerDerived_InhSoilDermMMilk	3.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.8698	0.257986667
4546	ALL		367752.7	3858997	3.97E-06	30YrCancerDerived_InhSoilDermMMilk	3.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.9747	0.26498
4547	ALL		367753	3859007	4.08E-06	30YrCancerDerived_InhSoilDermMMilk	4.08E-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	4.0793	0.271953333
4548	ALL		367753.2	3859016	4.16E-06	30YrCancerDerived_InhSoilDermMMilk	4.16E-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	4.156	0.277066667
4549	ALL		367753.4	3859026	4.23E-06	30YrCancerDerived_InhSoilDermMMilk	4.23E-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	4.229	0.281933333
4550	ALL		367753.7	3859036	4.30E-06	30YrCancerDerived_InhSoilDermMMilk	4.30E-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	4.2997	0.286646667
4551	ALL		367753.9	3859045	4.37E-06	30YrCancerDerived_InhSoilDermMMilk	4.37E-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	4.3655	0.291033333
4552	ALL		367754.1	3859055	4.42E-06	30YrCancerDerived_InhSoilDermMMilk	4.42E-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	4.4242	0.294946667
4553	ALL		367754.4	3859065	4.48E-06	30YrCancerDerived_InhSoilDermMMilk	4.48E-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	4.4756	0.298373333
4554	ALL		367754.6	3859074	4.55E-06	30YrCancerDerived_InhSoilDermMMilk	4.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.5545	0.303633333
4555	ALL		367754.9	3859084	4.62E-06	30YrCancerDerived_InhSoilDermMMilk	4.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.6229	0.308193333
4556	ALL		367755.1	3859094	4.66E-06	30YrCancerDerived_InhSoilDermMMilk	4.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.664	0.310933333
4557	ALL		367755.3	3859103	4.61E-06	30YrCancerDerived_InhSoilDermMMilk	4.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.6067	0.307113333
4558	ALL		367755.6	3859113	4.43E-06	30YrCancerDerived_InhSoilDermMMilk	4.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.4282	0.295213333
4559	ALL		367755.8	3859123	4.15E-06	30YrCancerDerived_InhSoilDermMMilk	4.15E-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	4.1508	0.27672
4560	ALL		367756.1	3859132	3.81E-06	30YrCancerDerived_InhSoilDermMMilk	3.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.8118	0.25412
4561	ALL		367756.3	3859142	3.41E-06	30YrCancerDerived_InhSoilDermMMilk	3.41E-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	3.4111	0.227406667
4562	ALL		367756.5	3859152	2.95E-06	30YrCancerDerived_InhSoilDermMMilk	2.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.9547	0.19698
4563	ALL		367756.8	3859161	2.49E-06	30YrCancerDerived_InhSoilDermMMilk	2.49E-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	2.4865	0.165766667
4564	ALL		367766.8	3859171	2.42E-06	30YrCancerDerived_InhSoilDermMMilk	2.42E-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	2.4235	0.161566667
4565	ALL		367776.6	3859171	2.87E-06	30YrCancerDerived_InhSoilDermMMilk	2.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.8701	0.19134
4566	ALL		367786.3	3859170	3.50E-06	30YrCancerDerived_InhSoilDermMMilk	3.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.5034	0.23356
4567	ALL		367796.1	3859170	4.15E-06	30YrCancerDerived_InhSoilDermMMilk	4.15E-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	4.1479	0.276526667
4568	ALL		367805.9	3859170	4.77E-06	30YrCancerDerived_InhSoilDermMMilk	4.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.7684	0.317893333
4569	ALL		367815.7	3859170	5.36E-06	30YrCancerDerived_InhSoilDermMMilk	5.36E-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	5.3637	0.35758
4570	ALL		367825.4	3859170	5.94E-06	30YrCancerDerived_InhSoilDermMMilk	5.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.9399	0.395993333
4571	ALL		367835.2	3859169	6.50E-06	30YrCancerDerived_InhSoilDermMMilk	6.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.4986	0.43324
4572	ALL		367845	3859169	7.08E-06	30YrCancerDerived_InhSoilDermMMilk	7.08E-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	7.0769	0.471793333
4573	ALL		367854.7	3859169	7.68E-06	30YrCancerDerived_InhSoilDermMMilk	7.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.6773	0.51182
4574	ALL		367864.5	3859169	8.28E-06	30YrCancerDerived_InhSoilDermMMilk	8.28E-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	8.2843	0.552286667
4575	ALL		367874.3	3859169	8.86E-06	30YrCancerDerived_InhSoilDermMMilk	8.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.8614	0.59076
4576	ALL		367884.1	3859168	9.40E-06	30YrCancerDerived_InhSoilDermMMilk	9.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.3973	0.626486667
4577	ALL		367893.8	3859168	9.94E-06	30YrCancerDerived_InhSoilDermMMilk	9.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.9359	0.662393333
4578	ALL		367903.6	3859168	1.04E-05	30YrCancerDerived_InhSoilDermMMilk	1.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.436	0.695733333
4579	ALL		367913.4	3859168	1.09E-05	30YrCancerDerived_InhSoilDermMMilk	1.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.886	0.725733333
4580	ALL		367923.2	3859168	1.13E-05	30YrCancerDerived_InhSoilDermMMilk	1.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.337	0.7558
4581	ALL		367932.9	3859168	1.18E-05	30YrCancerDerived_InhSoilDermMMilk	1.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.822	0.788133333
4582	ALL		367942.7	3859167	1.24E-05	30YrCancerDerived_InhSoilDermMMilk	1.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.367	0.824466667
4583	ALL		367952.5	3859167	1.29E-05	30YrCancerDerived_InhSoilDermMMilk	1.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.925	0.861666667
4584	ALL		367962.3	3859167	1.39E-05	30YrCancerDerived_InhSoilDermMMilk	1.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.862	0.924133333
4585	ALL		367972	3859167	1.44E-05	30YrCancerDerived_InhSoilDermMMilk	1.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	14.407	0.960466667
4586	ALL		367981.8	3859167	1.50E-05	30YrCancerDerived_InhSoilDermMMilk	1.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	14.963	0.997533333
4587	ALL		367991.6	3859166	1.55E-05	30YrCancerDerived_InhSoilDermMMilk	1.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	15.495	1.033
4588	ALL		368001.4	3859166	1.59E-05	30YrCancerDerived_InhSoilDermMMilk	1.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	15.883	1.058866667
4589	ALL		368011.1	3859166	1.63E-05	30YrCancerDerived_InhSoilDermMMilk	1.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	16.31	1.087333333
4590	ALL		368020.9	3859166	1.68E-05	30YrCancerDerived_InhSoilDermMMilk	1.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	16.82	1.121333333
4591	ALL		368030.7	3859166	1.76E-05	30YrCancerDerived_InhSoilDermMMilk	1.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	17.572	1.171466667
4592	ALL		368040.5	3859165	1.84E-05	30YrCancerDerived_InhSoilDermMMilk	1.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	18.437	1.229133333
4593	ALL		368050.2	3859165	1.94E-05	30YrCancerDerived_InhSoilDermMMilk	1.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	19.444	1.296266667
4594	ALL		368060.2	3859175	1.80E-05	30YrCancerDerived_InhSoilDermMMilk	1.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	17.981	1.198733333
4595	ALL		368060.5	3859184	1.62E-05	30YrCancerDerived_InhSoilDermMMilk	1.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	16.16	1.077333333
4596	ALL		368060.7	3859194	1.48E-05	30YrCancerDerived_InhSoilDermMMilk	1.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	14.797	0.986466667
4597	ALL		368061	3859203	1.37E-05	30YrCancerDerived_InhSoilDermMMilk	1.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.702	0.913466667
4598	ALL		368061.2	3859213	1.28E-05	30YrCancerDerived_InhSoilDermMMilk	1.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.785	0.852333333
4599	ALL		368061.4	3859223	1.20E-05	30YrCancerDerived_InhSoilDermMMilk	1.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.007	0.800466667
4600	ALL		368061.7	3859232	1.13E-05	30YrCancerDerived_InhSoilDermMMilk	1.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.321	0.754733333
4601	ALL		368061.9	3859242	1.07E-05	30YrCancerDerived_InhSoilDermMMilk	1.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.689	0.7126
4602	ALL		368062.1	3859252	1.01E-05	30YrCancerDerived_InhSoilDermMMilk	1.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
4637	ALL		368302.1	3859359	1.37E-05	30YrCancerDerived_InhSoilDermMMilk	1.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.699	0.913266667
4638	ALL		368312	3859359	1.39E-05	30YrCancerDerived_InhSoilDermMMilk	1.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.87	0.924666667
4639	ALL		368321.8	3859359	1.40E-05	30YrCancerDerived_InhSoilDermMMilk	1.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.987	0.932466667
4640	ALL		368331.7	3859358	1.40E-05	30YrCancerDerived_InhSoilDermMMilk	1.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	14.013	0.9342
4641	ALL		368341.6	3859358	1.40E-05	30YrCancerDerived_InhSoilDermMMilk	1.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	14.021	0.934733333
4642	ALL		368351.5	3859358	1.40E-05	30YrCancerDerived_InhSoilDermMMilk	1.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.996	0.933066667
4643	ALL		368361.3	3859357	1.39E-05	30YrCancerDerived_InhSoilDermMMilk	1.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.888	0.925866667
4644	ALL		368371.2	3859357	1.38E-05	30YrCancerDerived_InhSoilDermMMilk	1.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.776	0.9184
4645	ALL		368381.1	3859357	1.37E-05	30YrCancerDerived_InhSoilDermMMilk	1.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.67	0.911333333
4646	ALL		368391	3859357	1.36E-05	30YrCancerDerived_InhSoilDermMMilk	1.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.604	0.906933333
4647	ALL		368400.9	3859356	1.35E-05	30YrCancerDerived_InhSoilDermMMilk	1.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.538	0.902533333
4648	ALL		368410.7	3859356	1.35E-05	30YrCancerDerived_InhSoilDermMMilk	1.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.481	0.898733333
4649	ALL		368420.6	3859356	1.35E-05	30YrCancerDerived_InhSoilDermMMilk	1.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.463	0.897533333
4650	ALL		368430.5	3859355	1.35E-05	30YrCancerDerived_InhSoilDermMMilk	1.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.457	0.897133333
4651	ALL		368440.4	3859355	1.35E-05	30YrCancerDerived_InhSoilDermMMilk	1.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.455	0.897
4652	ALL		368450.2	3859355	1.34E-05	30YrCancerDerived_InhSoilDermMMilk	1.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.387	0.892466667
4653	ALL		368460.1	3859354	1.33E-05	30YrCancerDerived_InhSoilDermMMilk	1.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.329	0.8886
4654	ALL		368479.6	3859354	1.35E-05	30YrCancerDerived_InhSoilDermMMilk	1.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.458	0.8972
4655	ALL		368489.3	3859353	1.36E-05	30YrCancerDerived_InhSoilDermMMilk	1.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.632	0.9088
4656	ALL		368498.9	3859353	1.38E-05	30YrCancerDerived_InhSoilDermMMilk	1.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.834	0.922266667
4657	ALL		368508.6	3859353	1.40E-05	30YrCancerDerived_InhSoilDermMMilk	1.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.992	0.9328
4658	ALL		368518.2	3859353	1.42E-05	30YrCancerDerived_InhSoilDermMMilk	1.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	14.186	0.945733333
4659	ALL		368527.8	3859352	1.44E-05	30YrCancerDerived_InhSoilDermMMilk	1.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	14.433	0.9622
4660	ALL		368537.5	3859352	1.47E-05	30YrCancerDerived_InhSoilDermMMilk	1.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	14.749	0.983266667
4661	ALL		368547.1	3859352	1.52E-05	30YrCancerDerived_InhSoilDermMMilk	1.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	15.161	1.010733333
4662	ALL		368556.7	3859352	1.57E-05	30YrCancerDerived_InhSoilDermMMilk	1.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	15.706	1.047066667
4663	ALL		368566.4	3859351	1.64E-05	30YrCancerDerived_InhSoilDermMMilk	1.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	16.38	1.092
4664	ALL		368576.3	3859361	1.57E-05	30YrCancerDerived_InhSoilDermMMilk	1.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	15.705	1.047
4665	ALL		368576.6	3859370	1.45E-05	30YrCancerDerived_InhSoilDermMMilk	1.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	14.472	0.9648
4666	ALL		368576.9	3859380	1.35E-05	30YrCancerDerived_InhSoilDermMMilk	1.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.502	0.900133333
4667	ALL		368577.1	3859389	1.27E-05	30YrCancerDerived_InhSoilDermMMilk	1.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.705	0.847
4668	ALL		368577.4	3859399	1.20E-05	30YrCancerDerived_InhSoilDermMMilk	1.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.024	0.8016
4669	ALL		368577.7	3859408	1.14E-05	30YrCancerDerived_InhSoilDermMMilk	1.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.413	0.760866667
4670	ALL		368578	3859418	1.07E-05	30YrCancerDerived_InhSoilDermMMilk	1.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.682	0.712133333
4671	ALL		368578.3	3859427	1.02E-05	30YrCancerDerived_InhSoilDermMMilk	1.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.182	0.6788
4672	ALL		368578.6	3859437	9.74E-06	30YrCancerDerived_InhSoilDermMMilk	9.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.7383	0.64922
4673	ALL		368578.9	3859446	9.32E-06	30YrCancerDerived_InhSoilDermMMilk	9.32E-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	9.3157	0.621046667
4674	ALL		368579.1	3859456	8.91E-06	30YrCancerDerived_InhSoilDermMMilk	8.91E-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	8.9058	0.59372
4675	ALL		368579.4	3859465	8.43E-06	30YrCancerDerived_InhSoilDermMMilk	8.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.4272	0.561813333
4676	ALL		368579.7	3859475	7.95E-06	30YrCancerDerived_InhSoilDermMMilk	7.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.9454	0.529693333
4677	ALL		368580	3859484	7.46E-06	30YrCancerDerived_InhSoilDermMMilk	7.46E-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	7.4562	0.49708
4678	ALL		368580.3	3859494	7.02E-06	30YrCancerDerived_InhSoilDermMMilk	7.02E-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	7.0163	0.467753333
4679	ALL		368580.6	3859503	6.55E-06	30YrCancerDerived_InhSoilDermMMilk	6.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.5464	0.436426667
4680	ALL		368580.9	3859513	6.02E-06	30YrCancerDerived_InhSoilDermMMilk	6.02E-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	6.0236	0.401573333
4681	ALL		368581.1	3859522	5.45E-06	30YrCancerDerived_InhSoilDermMMilk	5.45E-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	5.4481	0.363206667
4682	ALL		368581.4	3859532	4.87E-06	30YrCancerDerived_InhSoilDermMMilk	4.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.8736	0.324906667
4683	ALL		368581.7	3859541	4.42E-06	30YrCancerDerived_InhSoilDermMMilk	4.42E-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	4.4192	0.294613333
4684	ALL		368591.5	3859551	4.25E-06	30YrCancerDerived_InhSoilDermMMilk	4.25E-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	4.2503	0.283353333
4685	ALL		368600.9	3859550	4.47E-06	30YrCancerDerived_InhSoilDermMMilk	4.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.4727	0.29818
4686	ALL		368610.4	3859550	4.80E-06	30YrCancerDerived_InhSoilDermMMilk	4.80E-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	4.8012	0.32008
4687	ALL		368619.8	3859550	5.24E-06	30YrCancerDerived_InhSoilDermMMilk	5.24E-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	5.2403	0.349353333
4688	ALL		368629.3	3859549	5.75E-06	30YrCancerDerived_InhSoilDermMMilk	5.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.7459	0.38306
4689	ALL		368638.7	3859549	6.22E-06	30YrCancerDerived_InhSoilDermMMilk	6.22E-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	6.2159	0.414393333
4690	ALL		368648.2	3859548	6.63E-06	30YrCancerDerived_InhSoilDermMMilk	6.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.6272	0.441813333
4691	ALL		368657.6	3859548	6.96E-06	30YrCancerDerived_InhSoilDermMMilk	6.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.9644	0.464293333
4692	ALL		368667.1	3859548	7.21E-06	30YrCancerDerived_InhSoilDermMMilk	7.21E-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	7.2121	0.480806667
4693	ALL		368676.6	3859547	7.34E-06	30YrCancerDerived_InhSoilDermMMilk	7.34E-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	7.3386	0.48924
4694	ALL		368685.6	3859537	8.20E-06	30YrCancerDerived_InhSoilDermMMilk	8.20E-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	8.1976	0.546506667
4695	ALL		368685.2	3859527	9.02E-06	30YrCancerDerived_InhSoilDermMMilk	9.02E-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	9.0151	0.601006667
4696	ALL		368684.8	3859517	9.72E-06	30YrCancerDerived_InhSoilDermMMilk	9.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.7165	0.647766667
4697	ALL		368684.4	3859507	1.02E-05	30YrCancerDerived_InhSoilDermMMilk	1.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.159	0.677266667
4698	ALL		368684	3859497	1.05E-05	30YrCancerDerived_InhSoilDermMMilk	1.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.51	0.700666667
4699	ALL		368683.6	3859487	1.08E-05	30YrCancerDerived_InhSoilDermMMilk	1.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.827	0.7218
4700	ALL		368683.2	3859477	1.13E-05	30YrCancerDerived_InhSoilDermMMilk	1.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.29	0.752666667
4701	ALL		368682.8	3859467	1.18E-05	30YrCancerDerived_InhSoilDermMMilk	1.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.789	0.785933333
4702	ALL		368682.4	3859457	1.23E-05	30YrCancerDerived_InhSoilDermMMilk	1.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.3	0.82
4703	ALL		368682	3859448	1.27E-05	30YrCancerDerived_InhSoilDermMMilk	1.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.656	0.843733333
4704	ALL		368681.6	3859438	1.30E-05	30YrCancerDerived_InhSoilDermMMilk	1.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.984	0.8656
4705	ALL		368681.2	3859428	1.33E-05	30YrCancerDerived_InhSoilDermMMilk	1.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.323	0.8882
4706	ALL		368680.8	3859418	1.39E-05	30YrCancerDerived_InhSoilDermMMilk	1.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.858	0.923866667
4707	ALL		368680.4	3859408	1.49E-05	30YrCancerDerived_InhSoilDermMMilk	1.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	14.865	0.991
4708	ALL		368680	3859398	1.55E-05	30YrCancerDerived_InhSoilDermMMilk	1.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	15.471	1.0314
4709	ALL		368679.6	3859388	1.59E-05	30YrCancerDerived_InhSoilDermMMilk	1.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	15.94	1.062666667
4710	ALL		368679.2	3859378	1.64E-05	30YrCancerDerived_InhSoilDermMMilk	1.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	16.397	1.093133333
4711	ALL		368678.8	3859368	1.69E-05	30YrCancerDerived_InhSoilDermMMilk	1.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	16.912	1.127466667
4712	ALL		368678.4	3859358	1.77E-05	30YrCancerDerived_InhSoilDermMMilk	1.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	17.716	1.181066667
4713	ALL		368687.9	3859348	1.80E-05	30YrCancerDerived_InhSoilDermMMilk	1.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	17.977	1.198466667
4714	ALL		368697.7	3859347	1.75E-05	30YrCancerDerived_InhSoilDermMMilk	1.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	17.465	1.164333333
4715	ALL		368707.6	3859347	1.71E-05	30YrCancerDerived_InhSoilDermMMilk	1.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	17.137	1.142466667
4716	ALL		368717.4	3859347	1.69E-05	30YrCancerDerived_InhSoilDermMMilk	1.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	16.917	1.1278
4717	ALL		368727.3	3859346	1.68E-05	30YrCancerDerived_InhSoilDermMMilk	1.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	16.756	1.117066667
4718	ALL		368737.1	3859346	1.66E-05	30YrCancerDerived_InhSoilDermMMilk	1.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	16.642	1.109466667
4719	ALL		368747	3859346	1.66E-05	30YrCancerDerived_InhSoilDermMMilk	1.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	16.598	1.106533333
4720	ALL		368756.8	3859345	1.66E-05	30YrCancerDerived_InhSoilDermMMilk	1.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	16.592	1.106133333
4721	ALL		368766.7	3859345	1.66E-05	30YrCancerDerived_InhSoilDermMMilk	1.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	16.588	1.105866667
4722	ALL		368776.5	3859345	1.66E-05	30YrCancerDerived_InhSoilDermMMilk	1.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	16.647	1.1098
4723	ALL		368786.4	3859344	1.67E-05	30YrCancerDerived_InhSoilDermMMilk	1.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	16.73	1.115333333
4724	ALL		368796.2	3859344	1.68E-05	30YrCancerDerived_InhSoilDermMMilk	1.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	16.809	1.1206
4725

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
4759	ALL		369068.8	3859257	1.14E-05	30YrCancerDerived_InhSoilDermMMilk	1.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.367	0.7578
4760	ALL		369068.4	3859247	1.05E-05	30YrCancerDerived_InhSoilDermMMilk	1.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.473	0.6982
4761	ALL		369058.1	3859237	1.06E-05	30YrCancerDerived_InhSoilDermMMilk	1.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.64	0.709333333
4762	ALL		369048.2	3859238	1.19E-05	30YrCancerDerived_InhSoilDermMMilk	1.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.853	0.7902
4763	ALL		369038.3	3859238	1.31E-05	30YrCancerDerived_InhSoilDermMMilk	1.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.144	0.876266667
4764	ALL		369028.4	3859238	1.42E-05	30YrCancerDerived_InhSoilDermMMilk	1.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	14.15	0.943333333
4765	ALL		369018.5	3859238	1.49E-05	30YrCancerDerived_InhSoilDermMMilk	1.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	14.938	0.995866667
4766	ALL		369008.6	3859239	1.56E-05	30YrCancerDerived_InhSoilDermMMilk	1.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	15.585	1.039
4767	ALL		368998.7	3859239	1.61E-05	30YrCancerDerived_InhSoilDermMMilk	1.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	16.149	1.0766
4768	ALL		368988.8	3859239	1.67E-05	30YrCancerDerived_InhSoilDermMMilk	1.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	16.672	1.111466667
4769	ALL		368979	3859239	1.72E-05	30YrCancerDerived_InhSoilDermMMilk	1.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	17.174	1.144933333
4770	ALL		368969.1	3859240	1.77E-05	30YrCancerDerived_InhSoilDermMMilk	1.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	17.681	1.178733333
4771	ALL		368959.2	3859240	1.82E-05	30YrCancerDerived_InhSoilDermMMilk	1.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	18.217	1.214466667
4772	ALL		368949.3	3859240	1.88E-05	30YrCancerDerived_InhSoilDermMMilk	1.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	18.795	1.253
4773	ALL		368939.4	3859240	1.94E-05	30YrCancerDerived_InhSoilDermMMilk	1.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	19.433	1.295533333
4774	ALL		368929.5	3859241	2.02E-05	30YrCancerDerived_InhSoilDermMMilk	2.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	20.157	1.3438
4775	ALL		368919.6	3859241	2.10E-05	30YrCancerDerived_InhSoilDermMMilk	2.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	20.998	1.399866667
4776	ALL		368909.7	3859241	2.20E-05	30YrCancerDerived_InhSoilDermMMilk	2.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	21.991	1.466066667
4777	ALL		368899.8	3859241	2.32E-05	30YrCancerDerived_InhSoilDermMMilk	2.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	23.195	1.546333333
4778	ALL		368889.9	3859242	2.47E-05	30YrCancerDerived_InhSoilDermMMilk	2.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	24.689	1.645933333
4779	ALL		368879.5	3859232	2.54E-05	30YrCancerDerived_InhSoilDermMMilk	2.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	25.351	1.690066667
4780	ALL		368879	3859222	2.46E-05	30YrCancerDerived_InhSoilDermMMilk	2.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	24.648	1.6432
4781	ALL		368878.5	3859212	2.42E-05	30YrCancerDerived_InhSoilDermMMilk	2.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	24.197	1.613133333
4782	ALL		368878	3859202	2.39E-05	30YrCancerDerived_InhSoilDermMMilk	2.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	23.862	1.5908
4783	ALL		368877.5	3859193	2.37E-05	30YrCancerDerived_InhSoilDermMMilk	2.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	23.67	1.578
4784	ALL		368877	3859183	2.36E-05	30YrCancerDerived_InhSoilDermMMilk	2.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	23.617	1.574466667
4785	ALL		368876.5	3859173	2.37E-05	30YrCancerDerived_InhSoilDermMMilk	2.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	23.655	1.577
4786	ALL		368876	3859163	2.37E-05	30YrCancerDerived_InhSoilDermMMilk	2.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	23.669	1.577933333
4787	ALL		368875.5	3859153	2.38E-05	30YrCancerDerived_InhSoilDermMMilk	2.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	23.81	1.587333333
4788	ALL		368884.8	3859143	2.29E-05	30YrCancerDerived_InhSoilDermMMilk	2.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	22.897	1.526466667
4789	ALL		368894.5	3859142	2.19E-05	30YrCancerDerived_InhSoilDermMMilk	2.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	21.867	1.4578
4790	ALL		368904.3	3859142	2.11E-05	30YrCancerDerived_InhSoilDermMMilk	2.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	21.07	1.404666667
4791	ALL		368914.1	3859142	2.04E-05	30YrCancerDerived_InhSoilDermMMilk	2.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	20.431	1.362066667
4792	ALL		368923.8	3859142	1.99E-05	30YrCancerDerived_InhSoilDermMMilk	1.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	19.925	1.328333333
4793	ALL		368933.6	3859141	1.95E-05	30YrCancerDerived_InhSoilDermMMilk	1.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	19.523	1.301533333
4794	ALL		368943.3	3859141	1.92E-05	30YrCancerDerived_InhSoilDermMMilk	1.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	19.164	1.2776
4795	ALL		368953.1	3859141	1.88E-05	30YrCancerDerived_InhSoilDermMMilk	1.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	18.834	1.2556
4796	ALL		368962.9	3859140	1.85E-05	30YrCancerDerived_InhSoilDermMMilk	1.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	18.52	1.234666667
4797	ALL		368972.6	3859140	1.82E-05	30YrCancerDerived_InhSoilDermMMilk	1.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	18.218	1.214533333
4798	ALL		368982.4	3859140	1.79E-05	30YrCancerDerived_InhSoilDermMMilk	1.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	17.916	1.1944
4799	ALL		368992.1	3859140	1.76E-05	30YrCancerDerived_InhSoilDermMMilk	1.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	17.614	1.174266667
4800	ALL		369001.9	3859139	1.73E-05	30YrCancerDerived_InhSoilDermMMilk	1.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	17.301	1.1534
4801	ALL		369011.7	3859139	1.70E-05	30YrCancerDerived_InhSoilDermMMilk	1.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	16.975	1.131666667
4802	ALL		369021.4	3859139	1.66E-05	30YrCancerDerived_InhSoilDermMMilk	1.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	16.626	1.1084
4803	ALL		369031.2	3859138	1.62E-05	30YrCancerDerived_InhSoilDermMMilk	1.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	16.241	1.082733333
4804	ALL		369041	3859138	1.58E-05	30YrCancerDerived_InhSoilDermMMilk	1.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	15.806	1.053733333
4805	ALL		369050.7	3859138	1.53E-05	30YrCancerDerived_InhSoilDermMMilk	1.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	15.288	1.0192
4806	ALL		369060.5	3859138	1.46E-05	30YrCancerDerived_InhSoilDermMMilk	1.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	14.614	0.974266667
4807	ALL		369070.2	3859137	1.36E-05	30YrCancerDerived_InhSoilDermMMilk	1.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.635	0.909
4808	ALL		369079.5	3859127	1.30E-05	30YrCancerDerived_InhSoilDermMMilk	1.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.979	0.865266667
4809	ALL		369079	3859117	1.33E-05	30YrCancerDerived_InhSoilDermMMilk	1.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.306	0.887066667
4810	ALL		369078.5	3859107	1.34E-05	30YrCancerDerived_InhSoilDermMMilk	1.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.442	0.896133333
4811	ALL		369078	3859098	1.34E-05	30YrCancerDerived_InhSoilDermMMilk	1.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.399	0.893266667
4812	ALL		369077.5	3859088	1.33E-05	30YrCancerDerived_InhSoilDermMMilk	1.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.336	0.889066667
4813	ALL		369077	3859078	1.32E-05	30YrCancerDerived_InhSoilDermMMilk	1.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.204	0.880266667
4814	ALL		369076.5	3859068	1.30E-05	30YrCancerDerived_InhSoilDermMMilk	1.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.993	0.8662
4815	ALL		369076	3859058	1.26E-05	30YrCancerDerived_InhSoilDermMMilk	1.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.61	0.840666667
4816	ALL		369075.5	3859048	1.21E-05	30YrCancerDerived_InhSoilDermMMilk	1.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.129	0.8086
4817	ALL		369075	3859039	1.16E-05	30YrCancerDerived_InhSoilDermMMilk	1.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.583	0.7722
4818	ALL		369074.5	3859029	1.10E-05	30YrCancerDerived_InhSoilDermMMilk	1.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.044	0.736266667
4819	ALL		369074	3859019	1.04E-05	30YrCancerDerived_InhSoilDermMMilk	1.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.447	0.696466667
4820	ALL		369073.5	3859009	9.75E-06	30YrCancerDerived_InhSoilDermMMilk	9.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.7513	0.650086667
4821	ALL		369073	3858999	8.94E-06	30YrCancerDerived_InhSoilDermMMilk	8.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.9439	0.59626
4822	ALL		369072.5	3858989	8.04E-06	30YrCancerDerived_InhSoilDermMMilk	8.04E-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	8.0448	0.53632
4823	ALL		369072	3858979	7.12E-06	30YrCancerDerived_InhSoilDermMMilk	7.12E-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	7.1209	0.474726667
4824	ALL		369071.5	3858970	6.26E-06	30YrCancerDerived_InhSoilDermMMilk	6.26E-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	6.2599	0.417326667
4825	ALL		369071	3858960	5.51E-06	30YrCancerDerived_InhSoilDermMMilk	5.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.507	0.367133333
4826	ALL		369070.5	3858950	4.89E-06	30YrCancerDerived_InhSoilDermMMilk	4.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89	0.326
4827	ALL		369060.1	3858940	4.76E-06	30YrCancerDerived_InhSoilDermMMilk	4.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.7622	0.31748
4828	ALL		369050.2	3858941	5.17E-06	30YrCancerDerived_InhSoilDermMMilk	5.17E-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	5.1704	0.344693333
4829	ALL		369040.3	3858941	5.65E-06	30YrCancerDerived_InhSoilDermMMilk	5.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.6456	0.376373333
4830	ALL		369030.4	3858942	6.15E-06	30YrCancerDerived_InhSoilDermMMilk	6.15E-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	6.1487	0.409913333
4831	ALL		369020.5	3858942	6.64E-06	30YrCancerDerived_InhSoilDermMMilk	6.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.6351	0.44234
4832	ALL		369010.6	3858942	7.09E-06	30YrCancerDerived_InhSoilDermMMilk	7.09E-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	7.0854	0.47236
4833	ALL		369000.7	3858943	7.49E-06	30YrCancerDerived_InhSoilDermMMilk	7.49E-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	7.4932	0.499546667
4834	ALL		368990.8	3858943	7.86E-06	30YrCancerDerived_InhSoilDermMMilk	7.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.8645	0.5243
4835	ALL		368980.9	3858943	8.20E-06	30YrCancerDerived_InhSoilDermMMilk	8.20E-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	8.2046	0.546973333
4836	ALL		368971	3858944	8.52E-06	30YrCancerDerived_InhSoilDermMMilk	8.52E-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	8.5205	0.568033333
4837	ALL		368961.1	3858944	8.82E-06	30YrCancerDerived_InhSoilDermMMilk	8.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.8175	0.587833333
4838	ALL		368951.1	3858945	9.10E-06	30YrCancerDerived_InhSoilDermMMilk	9.10E-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	9.1016	0.606773333
4839	ALL		368941.2	3858945	9.38E-06	30YrCancerDerived_InhSoilDermMMilk	9.38E-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	9.3774	0.62516
4840	ALL		368931.3	3858945	9.65E-06	30YrCancerDerived_InhSoilDermMMilk	9.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.6502	0.643346667
4841	ALL		368921.4	3858946	9.92E-06	30YrCancerDerived_InhSoilDermMMilk	9.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.9247	0.661646667
4842	ALL		368911.5	3858946	1.02E-05	30YrCancerDerived_InhSoilDermMMilk	1.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.21	0.680666667
4843	ALL		368901.6	3858946	1.05E-05	30YrCancerDerived_InhSoilDermMMilk	1.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.505	0.700333333
4844	ALL		368891.7	3858947	1.08E-05	30YrCancerDerived_InhSoilDermMMilk	1.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.82	0.721333333
4845	ALL		368881.8	3858947	1.12E-05	30YrCancerDerived_InhSoilDermMMilk	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.159	0.743933333
4846	ALL		368871.9	3858948	1.16E-05	30YrCancerDerived_InhSoilDermMMilk	1.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.557	0.770466667
4847	ALL		368854.9	3858941	1

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Cancer Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK	Per Million	Times (2/30) as construction stops after 2 years.
4881	ALL		368587.3	3858750	7.40E-06	30YrCancerDerived_InhSoilDermMMilk	7.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.4013	0.49342
4882	ALL		368577.7	3858750	7.52E-06	30YrCancerDerived_InhSoilDermMMilk	7.52E-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	7.5201	0.50134
4883	ALL		368568	3858750	7.60E-06	30YrCancerDerived_InhSoilDermMMilk	7.60E-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	7.6044	0.50696
4884	ALL		368558.3	3858750	7.66E-06	30YrCancerDerived_InhSoilDermMMilk	7.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.6555	0.510366667
4885	ALL		368548.7	3858751	7.68E-06	30YrCancerDerived_InhSoilDermMMilk	7.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.6765	0.511766667
4886	ALL		368539	3858751	7.67E-06	30YrCancerDerived_InhSoilDermMMilk	7.67E-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	7.6696	0.511306667
4887	ALL		368529.3	3858751	7.63E-06	30YrCancerDerived_InhSoilDermMMilk	7.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.6346	0.508973333
4888	ALL		368519.7	3858751	7.57E-06	30YrCancerDerived_InhSoilDermMMilk	7.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.5697	0.504646667
4889	ALL		368510	3858751	7.47E-06	30YrCancerDerived_InhSoilDermMMilk	7.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.4723	0.498153333
4890	ALL		368500.3	3858751	7.34E-06	30YrCancerDerived_InhSoilDermMMilk	7.34E-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	7.3391	0.489273333
4891	ALL		368490.7	3858751	7.15E-06	30YrCancerDerived_InhSoilDermMMilk	7.15E-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	7.1529	0.47686
4892	ALL		368481	3858752	6.90E-06	30YrCancerDerived_InhSoilDermMMilk	6.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.8976	0.45984
4893	ALL		368471.3	3858752	6.55E-06	30YrCancerDerived_InhSoilDermMMilk	6.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.5517	0.43678
4894	ALL		368461.7	3858752	6.12E-06	30YrCancerDerived_InhSoilDermMMilk	6.12E-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	6.1225	0.408166667
4895	ALL		368452.4	3858762	6.28E-06	30YrCancerDerived_InhSoilDermMMilk	6.28E-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	6.2838	0.41892
4896	ALL		368452.7	3858772	6.86E-06	30YrCancerDerived_InhSoilDermMMilk	6.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.863	0.457533333
4897	ALL		368453.1	3858781	7.31E-06	30YrCancerDerived_InhSoilDermMMilk	7.31E-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	7.3091	0.487273333
4898	ALL		368453.4	3858791	7.65E-06	30YrCancerDerived_InhSoilDermMMilk	7.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.6531	0.510206667
4899	ALL		368453.8	3858801	7.92E-06	30YrCancerDerived_InhSoilDermMMilk	7.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.9245	0.5283
4900	ALL		368454.1	3858811	8.15E-06	30YrCancerDerived_InhSoilDermMMilk	8.15E-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	8.1467	0.543113333
4901	ALL		368454.5	3858821	8.34E-06	30YrCancerDerived_InhSoilDermMMilk	8.34E-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	8.3421	0.55614
4902	ALL		368454.8	3858831	8.54E-06	30YrCancerDerived_InhSoilDermMMilk	8.54E-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	8.5379	0.569193333
4903	ALL		368455.2	3858840	8.74E-06	30YrCancerDerived_InhSoilDermMMilk	8.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.7434	0.582893333
4904	ALL		368455.5	3858850	8.94E-06	30YrCancerDerived_InhSoilDermMMilk	8.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.9425	0.596166667
4905	ALL		368455.9	3858860	9.12E-06	30YrCancerDerived_InhSoilDermMMilk	9.12E-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	9.1161	0.60774
4906	ALL		368456.2	3858870	9.26E-06	30YrCancerDerived_InhSoilDermMMilk	9.26E-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	9.2611	0.617406667
4907	ALL		368456.6	3858880	9.40E-06	30YrCancerDerived_InhSoilDermMMilk	9.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.4	0.626666667
4908	ALL		368456.9	3858890	9.55E-06	30YrCancerDerived_InhSoilDermMMilk	9.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.5549	0.636993333
4909	ALL		368457.3	3858899	9.74E-06	30YrCancerDerived_InhSoilDermMMilk	9.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.7367	0.649113333
4910	ALL		368457.7	3858909	9.92E-06	30YrCancerDerived_InhSoilDermMMilk	9.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.9214	0.661426667
4911	ALL		368458	3858919	1.01E-05	30YrCancerDerived_InhSoilDermMMilk	1.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.104	0.6736
4912	ALL		368458.4	3858929	1.03E-05	30YrCancerDerived_InhSoilDermMMilk	1.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.284	0.6856
4913	ALL		368458.7	3858939	1.05E-05	30YrCancerDerived_InhSoilDermMMilk	1.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.464	0.6976
4914	ALL		368459.1	3858948	1.06E-05	30YrCancerDerived_InhSoilDermMMilk	1.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.624	0.708266667
4915	ALL		368459.4	3858958	1.07E-05	30YrCancerDerived_InhSoilDermMMilk	1.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.73	0.715333333
4916	ALL		368459.8	3858968	1.08E-05	30YrCancerDerived_InhSoilDermMMilk	1.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.834	0.722266667
4917	ALL		368460.1	3858978	1.10E-05	30YrCancerDerived_InhSoilDermMMilk	1.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10.951	0.730066667
4918	ALL		368460.5	3858988	1.11E-05	30YrCancerDerived_InhSoilDermMMilk	1.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.121	0.7414
4919	ALL		368460.8	3858998	1.13E-05	30YrCancerDerived_InhSoilDermMMilk	1.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.293	0.752866667
4920	ALL		368461.2	3859007	1.15E-05	30YrCancerDerived_InhSoilDermMMilk	1.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.453	0.763533333
4921	ALL		368461.5	3859017	1.15E-05	30YrCancerDerived_InhSoilDermMMilk	1.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.543	0.769533333
4922	ALL		368461.9	3859027	1.16E-05	30YrCancerDerived_InhSoilDermMMilk	1.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.629	0.775266667
4923	ALL		368462.2	3859037	1.17E-05	30YrCancerDerived_InhSoilDermMMilk	1.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.726	0.781733333
4924	ALL		368462.6	3859047	1.19E-05	30YrCancerDerived_InhSoilDermMMilk	1.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11.894	0.792933333
4925	ALL		368462.9	3859057	1.21E-05	30YrCancerDerived_InhSoilDermMMilk	1.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.066	0.8044
4926	ALL		368463.3	3859066	1.22E-05	30YrCancerDerived_InhSoilDermMMilk	1.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.234	0.8156
4927	ALL		368463.7	3859076	1.23E-05	30YrCancerDerived_InhSoilDermMMilk	1.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.317	0.821133333
4928	ALL		368464	3859086	1.24E-05	30YrCancerDerived_InhSoilDermMMilk	1.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.398	0.826533333
4929	ALL		368464.4	3859096	1.25E-05	30YrCancerDerived_InhSoilDermMMilk	1.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.479	0.831933333
4930	ALL		368464.7	3859106	1.27E-05	30YrCancerDerived_InhSoilDermMMilk	1.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.651	0.8434
4931	ALL		368465.1	3859115	1.28E-05	30YrCancerDerived_InhSoilDermMMilk	1.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.817	0.854466667
4932	ALL		368465.4	3859125	1.30E-05	30YrCancerDerived_InhSoilDermMMilk	1.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12.974	0.864933333
4933	ALL		368465.8	3859135	1.31E-05	30YrCancerDerived_InhSoilDermMMilk	1.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.124	0.874933333
4934	ALL		368466.1	3859145	1.32E-05	30YrCancerDerived_InhSoilDermMMilk	1.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.229	0.881933333
4935	ALL		368466.5	3859155	1.33E-05	30YrCancerDerived_InhSoilDermMMilk	1.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.29	0.886
4936	ALL		368466.8	3859165	1.34E-05	30YrCancerDerived_InhSoilDermMMilk	1.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.365	0.891
4937	ALL		368467.2	3859174	1.35E-05	30YrCancerDerived_InhSoilDermMMilk	1.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.454	0.896933333
4938	ALL		368467.5	3859184	1.36E-05	30YrCancerDerived_InhSoilDermMMilk	1.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.554	0.9036
4939	ALL		368467.9	3859194	1.36E-05	30YrCancerDerived_InhSoilDermMMilk	1.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.591	0.906066667
4940	ALL		368468.2	3859204	1.36E-05	30YrCancerDerived_InhSoilDermMMilk	1.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.64	0.909333333
4941	ALL		368468.6	3859214	1.37E-05	30YrCancerDerived_InhSoilDermMMilk	1.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.721	0.914733333
4942	ALL		368468.9	3859224	1.39E-05	30YrCancerDerived_InhSoilDermMMilk	1.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13.942	0.929466667
4943	ALL		368469.3	3859233	1.43E-05	30YrCancerDerived_InhSoilDermMMilk	1.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	14.295	0.953
4944	ALL		368469.7	3859243	1.48E-05	30YrCancerDerived_InhSoilDermMMilk	1.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	14.848	0.989866667

Attachment 3: 30-year Chronic Hazard Risk Output File by Receptor

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		367605	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2101e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2101e-04
2	ALL		367605	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2589e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2589e-04
3	ALL		367605	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3106e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3106e-04
4	ALL		367605	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3655e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3655e-04
5	ALL		367605	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4212e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4212e-04
6	ALL		367605	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4811e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4811e-04
7	ALL		367605	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.545e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.545e-04
8	ALL		367605	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6105e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6105e-04
9	ALL		367605	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6841e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6841e-04
10	ALL		367605	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7615e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7615e-04
11	ALL		367605	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8411e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8411e-04
12	ALL		367605	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9282e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9282e-04
13	ALL		367605	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0208e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0208e-04
14	ALL		367605	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1156e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1156e-04
15	ALL		367605	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.224e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.224e-04
16	ALL		367605	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3276e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3276e-04
17	ALL		367605	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4455e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4455e-04
18	ALL		367605	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5701e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5701e-04
19	ALL		367605	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6924e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6924e-04
20	ALL		367605	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8071e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8071e-04
21	ALL		367605	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9328e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9328e-04
22	ALL		367605	3858790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.056e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.056e-04
23	ALL		367605	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1589e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1589e-04
24	ALL		367605	3858840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2603e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2603e-04
25	ALL		367605	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3514e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3514e-04
26	ALL		367605	3858890	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4113e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4113e-04
27	ALL		367605	3858915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4695e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4695e-04
28	ALL		367605	3858940	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4791e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4791e-04
29	ALL		367605	3858965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.446e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.446e-04
30	ALL		367605	3858990	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3974e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3974e-04
31	ALL		367605	3859015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.33e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.33e-04
32	ALL		367605	3859040	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2118e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2118e-04
33	ALL		367605	3859065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0088e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0088e-04
34	ALL		367605	3859090	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7256e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7256e-04
35	ALL		367605	3859115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4667e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4667e-04
36	ALL		367605	3859140	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2225e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2225e-04
37	ALL		367605	3859165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9844e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9844e-04
38	ALL		367605	3859190	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7601e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7601e-04
39	ALL		367605	3859215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5856e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5856e-04
40	ALL		367605	3859240	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4447e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4447e-04
41	ALL		367605	3859265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3266e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3266e-04
42	ALL		367605	3859290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2287e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2287e-04
43	ALL		367605	3859315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1527e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1527e-04
44	ALL		367605	3859340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0928e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0928e-04
45	ALL		367605	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0219e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0219e-04
46	ALL		367605	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.6937e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.6937e-05
47	ALL		367605	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.0313e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.0313e-05
48	ALL		367605	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.3644e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.3644e-05
49	ALL		367605	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.7493e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.7493e-05
50	ALL		367605	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.1889e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.1889e-05
51	ALL		367605	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.5768e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.5768e-05
52	ALL		367605	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.083e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.083e-05
53	ALL		367605	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6512e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6512e-05
54	ALL		367605	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2224e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2224e-05
55	ALL		367605	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8395e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8395e-05
56	ALL		367605	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5437e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5437e-05
57	ALL		367605	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.282e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.282e-05
58	ALL		367605	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0499e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0499e-05
59	ALL		367605	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7985e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7985e-05
60	ALL		367605	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.59e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.59e-05
61	ALL		367605	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.423e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.423e-05
62	ALL		367605	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2633e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2633e-05
63	ALL		367605	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0873e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0873e-05
64	ALL		367605	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9602e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9602e-05
65	ALL		367605	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8433e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8433e-05
66	ALL		367630	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.24e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.24e-04
67	ALL		367630	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2913e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2913e-04
68	ALL		367630	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3463e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3463e-04
69	ALL		367630	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4045e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4045e-04
70	ALL		367630	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4665e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4665e-04
71	ALL		367630	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5321e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5321e-04
72	ALL		367630	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6004e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6004e-04
73	ALL		367630	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6708e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6708e-04
74	ALL		367630	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7502e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7502e-04
75	ALL		367630	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8293e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8293e-04
76	ALL		367630	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9183e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9183e-04
77	ALL		367630	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0155e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0155e-04
78	ALL		367630	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1148e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1148e-04
79	ALL		367630	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2141e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2141e-04
80	ALL		367630	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3343e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3343e-04
81	ALL		367630	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4628e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4628e-04
82	ALL		367630	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5991e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5991e-04
83	ALL		367630	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7424e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7424e-04
84	ALL		367630	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8864e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8864e-04
85	ALL		367630	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.019e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.019e-04
86	ALL		367630	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.17e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.17e-04
87	ALL		367630	3858790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
110	ALL		367630	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1029e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1029e-04
111	ALL		367630	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0408e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0408e-04
112	ALL		367630	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.6523e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.6523e-05
113	ALL		367630	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.91e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.91e-05
114	ALL		367630	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.2314e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.2314e-05
115	ALL		367630	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.6118e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.6118e-05
116	ALL		367630	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.0396e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.0396e-05
117	ALL		367630	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.4023e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.4023e-05
118	ALL		367630	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9188e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9188e-05
119	ALL		367630	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4324e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4324e-05
120	ALL		367630	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.076e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.076e-05
121	ALL		367630	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7581e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7581e-05
122	ALL		367630	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4802e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4802e-05
123	ALL		367630	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2317e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2317e-05
124	ALL		367630	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9656e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9656e-05
125	ALL		367630	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7453e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7453e-05
126	ALL		367630	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5664e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5664e-05
127	ALL		367630	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3963e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3963e-05
128	ALL		367630	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2086e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2086e-05
129	ALL		367630	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0725e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0725e-05
130	ALL		367630	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9454e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9454e-05
131	ALL		367655	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2686e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2686e-04
132	ALL		367655	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3233e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3233e-04
133	ALL		367655	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3813e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3813e-04
134	ALL		367655	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4434e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4434e-04
135	ALL		367655	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5094e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5094e-04
136	ALL		367655	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5797e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5797e-04
137	ALL		367655	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6541e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6541e-04
138	ALL		367655	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7328e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7328e-04
139	ALL		367655	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8132e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8132e-04
140	ALL		367655	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9037e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9037e-04
141	ALL		367655	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9973e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9973e-04
142	ALL		367655	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1003e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1003e-04
143	ALL		367655	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2114e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2114e-04
144	ALL		367655	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.327e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.327e-04
145	ALL		367655	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4608e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4608e-04
146	ALL		367655	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6054e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6054e-04
147	ALL		367655	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7607e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7607e-04
148	ALL		367655	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9256e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9256e-04
149	ALL		367655	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0935e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0935e-04
150	ALL		367655	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2596e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2596e-04
151	ALL		367655	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4417e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4417e-04
152	ALL		367655	3858790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6002e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6002e-04
153	ALL		367655	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7747e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7747e-04
154	ALL		367655	3858840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9523e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9523e-04
155	ALL		367655	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1123e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1123e-04
156	ALL		367655	3858890	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2326e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2326e-04
157	ALL		367655	3858915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3227e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3227e-04
158	ALL		367655	3858940	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.425e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.425e-04
159	ALL		367655	3858965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4532e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4532e-04
160	ALL		367655	3858990	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.455e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.455e-04
161	ALL		367655	3859015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4092e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4092e-04
162	ALL		367655	3859040	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2649e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2649e-04
163	ALL		367655	3859065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0756e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0756e-04
164	ALL		367655	3859090	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.728e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.728e-04
165	ALL		367655	3859115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2826e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2826e-04
166	ALL		367655	3859140	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8581e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8581e-04
167	ALL		367655	3859165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4845e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4845e-04
168	ALL		367655	3859190	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.158e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.158e-04
169	ALL		367655	3859215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9229e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9229e-04
170	ALL		367655	3859240	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7717e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7717e-04
171	ALL		367655	3859265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6276e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6276e-04
172	ALL		367655	3859290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4999e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4999e-04
173	ALL		367655	3859315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3886e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3886e-04
174	ALL		367655	3859340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2902e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2902e-04
175	ALL		367655	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2136e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2136e-04
176	ALL		367655	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1217e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1217e-04
177	ALL		367655	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0318e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0318e-04
178	ALL		367655	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.5843e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.5843e-05
179	ALL		367655	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.9278e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.9278e-05
180	ALL		367655	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.2003e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.2003e-05
181	ALL		367655	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.43e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.43e-05
182	ALL		367655	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.7335e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.7335e-05
183	ALL		367655	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.216e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.216e-05
184	ALL		367655	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.7784e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.7784e-05
185	ALL		367655	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.3924e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.3924e-05
186	ALL		367655	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0538e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0538e-05
187	ALL		367655	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6872e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6872e-05
188	ALL		367655	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.424e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.424e-05
189	ALL		367655	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.18e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.18e-05
190	ALL		367655	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9345e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9345e-05
191	ALL		367655	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7157e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7157e-05
192	ALL		367655	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5412e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5412e-05
193	ALL		367655	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3742e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3742e-05
194	ALL		367655	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2248e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2248e-05
195	ALL		367655	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0637e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0637e-05
196	ALL		367680	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
219	ALL		367680	3858840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3697e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3697e-04
220	ALL		367680	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5726e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5726e-04
221	ALL		367680	3858890	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7651e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7651e-04
222	ALL		367680	3858915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9061e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9061e-04
223	ALL		367680	3858940	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0258e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0258e-04
224	ALL		367680	3858965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1254e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1254e-04
225	ALL		367680	3858990	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1699e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1699e-04
226	ALL		367680	3859015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1516e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1516e-04
227	ALL		367680	3859040	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0627e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0627e-04
228	ALL		367680	3859065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8331e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8331e-04
229	ALL		367680	3859090	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4972e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4972e-04
230	ALL		367680	3859115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9233e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9233e-04
231	ALL		367680	3859140	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3446e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3446e-04
232	ALL		367680	3859165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.863e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.863e-04
233	ALL		367680	3859190	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4722e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4722e-04
234	ALL		367680	3859215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1897e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1897e-04
235	ALL		367680	3859240	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9828e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9828e-04
236	ALL		367680	3859265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8058e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8058e-04
237	ALL		367680	3859290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6523e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6523e-04
238	ALL		367680	3859315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5176e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5176e-04
239	ALL		367680	3859340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4011e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4011e-04
240	ALL		367680	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3142e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3142e-04
241	ALL		367680	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2049e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2049e-04
242	ALL		367680	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1024e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1024e-04
243	ALL		367680	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0136e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0136e-04
244	ALL		367680	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.3373e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.3373e-05
245	ALL		367680	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.57e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.57e-05
246	ALL		367680	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.8277e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.8277e-05
247	ALL		367680	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.1712e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.1712e-05
248	ALL		367680	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.5591e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.5591e-05
249	ALL		367680	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.0578e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.0578e-05
250	ALL		367680	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6468e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6468e-05
251	ALL		367680	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.3008e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.3008e-05
252	ALL		367680	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0405e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0405e-05
253	ALL		367680	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7064e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7064e-05
254	ALL		367680	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4417e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4417e-05
255	ALL		367680	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1756e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1756e-05
256	ALL		367680	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9331e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9331e-05
257	ALL		367680	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7438e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7438e-05
258	ALL		367680	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5693e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5693e-05
259	ALL		367680	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4067e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4067e-05
260	ALL		367680	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2455e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2455e-05
261	ALL		367705	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3201e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3201e-04
262	ALL		367705	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3812e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3812e-04
263	ALL		367705	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.447e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.447e-04
264	ALL		367705	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5172e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5172e-04
265	ALL		367705	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5924e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5924e-04
266	ALL		367705	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.673e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.673e-04
267	ALL		367705	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7592e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7592e-04
268	ALL		367705	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8518e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8518e-04
269	ALL		367705	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9513e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9513e-04
270	ALL		367705	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0587e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0587e-04
271	ALL		367705	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1716e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1716e-04
272	ALL		367705	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2936e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2936e-04
273	ALL		367705	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4265e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4265e-04
274	ALL		367705	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5735e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5735e-04
275	ALL		367705	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7397e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7397e-04
276	ALL		367705	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9111e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9111e-04
277	ALL		367705	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1133e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1133e-04
278	ALL		367705	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3307e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3307e-04
279	ALL		367705	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5606e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5606e-04
280	ALL		367705	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8084e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8084e-04
281	ALL		367705	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0598e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0598e-04
282	ALL		367705	3858790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3225e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3225e-04
283	ALL		367705	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6038e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6038e-04
284	ALL		367705	3858840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8881e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8881e-04
285	ALL		367705	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1585e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1585e-04
286	ALL		367705	3858890	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.3719e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.3719e-04
287	ALL		367705	3858915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.5776e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.5776e-04
288	ALL		367705	3858940	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.784e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.784e-04
289	ALL		367705	3858965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9883e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9883e-04
290	ALL		367705	3858990	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.1149e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.1149e-04
291	ALL		367705	3859015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.1697e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.1697e-04
292	ALL		367705	3859040	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.1857e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.1857e-04
293	ALL		367705	3859065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9607e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9607e-04
294	ALL		367705	3859090	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.5798e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.5798e-04
295	ALL		367705	3859115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8634e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8634e-04
296	ALL		367705	3859140	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0469e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0469e-04
297	ALL		367705	3859165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3609e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3609e-04
298	ALL		367705	3859190	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8599e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8599e-04
299	ALL		367705	3859215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5068e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5068e-04
300	ALL		367705	3859240	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2353e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2353e-04
301	ALL		367705	3859265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0107e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0107e-04
302	ALL		367705	3859290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8221e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8221e-04
303	ALL		367705	3859315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6597e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6597e-04
304	ALL		367705	3859340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5206e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5206e-04
305	ALL		367705	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
328	ALL		367730	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4762e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4762e-04
329	ALL		367730	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5506e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5506e-04
330	ALL		367730	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6309e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6309e-04
331	ALL		367730	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7169e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7169e-04
332	ALL		367730	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8095e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8095e-04
333	ALL		367730	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.909e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.909e-04
334	ALL		367730	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0162e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0162e-04
335	ALL		367730	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1323e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1323e-04
336	ALL		367730	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2587e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2587e-04
337	ALL		367730	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3946e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3946e-04
338	ALL		367730	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5398e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5398e-04
339	ALL		367730	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7066e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7066e-04
340	ALL		367730	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8921e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8921e-04
341	ALL		367730	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0854e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0854e-04
342	ALL		367730	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3106e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3106e-04
343	ALL		367730	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5631e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5631e-04
344	ALL		367730	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8362e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8362e-04
345	ALL		367730	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1243e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1243e-04
346	ALL		367730	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4244e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4244e-04
347	ALL		367730	3858790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7587e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7587e-04
348	ALL		367730	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1052e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1052e-04
349	ALL		367730	3858840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4717e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4717e-04
350	ALL		367730	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8306e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8306e-04
351	ALL		367730	3858890	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.1082e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.1082e-04
352	ALL		367730	3858915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.4041e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.4041e-04
353	ALL		367730	3858940	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.7607e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.7607e-04
354	ALL		367730	3858965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.0844e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.0844e-04
355	ALL		367730	3858990	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.3577e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.3577e-04
356	ALL		367730	3859015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.5815e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.5815e-04
357	ALL		367730	3859040	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.739e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.739e-04
358	ALL		367730	3859065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.6519e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.6519e-04
359	ALL		367730	3859090	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.3316e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.3316e-04
360	ALL		367730	3859115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.4686e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.4686e-04
361	ALL		367730	3859140	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2165e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2165e-04
362	ALL		367730	3859165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0669e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0669e-04
363	ALL		367730	3859190	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3282e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3282e-04
364	ALL		367730	3859215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8834e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8834e-04
365	ALL		367730	3859240	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5278e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5278e-04
366	ALL		367730	3859265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2435e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2435e-04
367	ALL		367730	3859290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0102e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0102e-04
368	ALL		367730	3859315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8148e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8148e-04
369	ALL		367730	3859340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6512e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6512e-04
370	ALL		367730	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5302e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5302e-04
371	ALL		367730	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3881e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3881e-04
372	ALL		367730	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2593e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2593e-04
373	ALL		367730	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1449e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1449e-04
374	ALL		367730	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0434e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0434e-04
375	ALL		367730	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.531e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.531e-05
376	ALL		367730	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.7267e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.7267e-05
377	ALL		367730	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.0199e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.0199e-05
378	ALL		367730	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.3974e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.3974e-05
379	ALL		367730	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.8548e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.8548e-05
380	ALL		367730	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3831e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3831e-05
381	ALL		367730	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9721e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9721e-05
382	ALL		367730	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6054e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6054e-05
383	ALL		367730	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1928e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1928e-05
384	ALL		367730	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8853e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8853e-05
385	ALL		367730	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.597e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.597e-05
386	ALL		367730	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3219e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3219e-05
387	ALL		367730	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0868e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0868e-05
388	ALL		367730	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.902e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.902e-05
389	ALL		367730	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.698e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.698e-05
390	ALL		367730	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.522e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.522e-05
391	ALL		367755	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3619e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3619e-04
392	ALL		367755	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4286e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4286e-04
393	ALL		367755	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5017e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5017e-04
394	ALL		367755	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5811e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5811e-04
395	ALL		367755	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6656e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6656e-04
396	ALL		367755	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7575e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7575e-04
397	ALL		367755	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8567e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8567e-04
398	ALL		367755	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9633e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9633e-04
399	ALL		367755	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0792e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0792e-04
400	ALL		367755	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2046e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2046e-04
401	ALL		367755	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3415e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3415e-04
402	ALL		367755	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.492e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.492e-04
403	ALL		367755	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6582e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6582e-04
404	ALL		367755	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.843e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.843e-04
405	ALL		367755	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0489e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0489e-04
406	ALL		367755	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2696e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2696e-04
407	ALL		367755	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5276e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5276e-04
408	ALL		367755	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8186e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8186e-04
409	ALL		367755	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1346e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1346e-04
410	ALL		367755	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4714e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4714e-04
411	ALL		367755	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8476e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8476e-04
412	ALL		367755	3858790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2594e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2594e-04
413	ALL		367755	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6814e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6814e-04
414	ALL		367755	3858840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
437	ALL		367755	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.2708e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.2708e-05
438	ALL		367755	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.5064e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.5064e-05
439	ALL		367755	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.8425e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.8425e-05
440	ALL		367755	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.2806e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.2806e-05
441	ALL		367755	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.7838e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.7838e-05
442	ALL		367755	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3225e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3225e-05
443	ALL		367755	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9307e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9307e-05
444	ALL		367755	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4856e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4856e-05
445	ALL		367755	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1514e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1514e-05
446	ALL		367755	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8646e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8646e-05
447	ALL		367755	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5792e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5792e-05
448	ALL		367755	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3057e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3057e-05
449	ALL		367755	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1312e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1312e-05
450	ALL		367755	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8843e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8843e-05
451	ALL		367755	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6832e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6832e-05
452	ALL		367780	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3797e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3797e-04
453	ALL		367780	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4496e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4496e-04
454	ALL		367780	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5241e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5241e-04
455	ALL		367780	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6071e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6071e-04
456	ALL		367780	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.696e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.696e-04
457	ALL		367780	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7931e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7931e-04
458	ALL		367780	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8988e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8988e-04
459	ALL		367780	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.013e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.013e-04
460	ALL		367780	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1379e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1379e-04
461	ALL		367780	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2732e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2732e-04
462	ALL		367780	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4221e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4221e-04
463	ALL		367780	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5858e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5858e-04
464	ALL		367780	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7676e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7676e-04
465	ALL		367780	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9712e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9712e-04
466	ALL		367780	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2003e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2003e-04
467	ALL		367780	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4607e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4607e-04
468	ALL		367780	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7589e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7589e-04
469	ALL		367780	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0876e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0876e-04
470	ALL		367780	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4561e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4561e-04
471	ALL		367780	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8764e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8764e-04
472	ALL		367780	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.3099e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.3099e-04
473	ALL		367780	3858790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8156e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8156e-04
474	ALL		367780	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3731e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3731e-04
475	ALL		367780	3858840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9535e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9535e-04
476	ALL		367780	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.5475e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.5475e-04
477	ALL		367780	3858890	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.183e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.183e-04
478	ALL		367780	3858915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.9346e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.9346e-04
479	ALL		367780	3858940	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.767e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.767e-04
480	ALL		367780	3858965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0491e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0491e-03
481	ALL		367780	3859190	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9676e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9676e-04
482	ALL		367780	3859215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9931e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9931e-04
483	ALL		367780	3859240	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3261e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3261e-04
484	ALL		367780	3859265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8533e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8533e-04
485	ALL		367780	3859290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.495e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.495e-04
486	ALL		367780	3859315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2096e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2096e-04
487	ALL		367780	3859340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.979e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.979e-04
488	ALL		367780	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8113e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8113e-04
489	ALL		367780	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.626e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.626e-04
490	ALL		367780	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4616e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4616e-04
491	ALL		367780	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3188e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3188e-04
492	ALL		367780	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1937e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1937e-04
493	ALL		367780	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0844e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0844e-04
494	ALL		367780	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.8948e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.8948e-05
495	ALL		367780	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.0712e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.0712e-05
496	ALL		367780	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.36e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.36e-05
497	ALL		367780	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.8307e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.8307e-05
498	ALL		367780	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.3191e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.3191e-05
499	ALL		367780	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.7247e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.7247e-05
500	ALL		367780	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.2988e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.2988e-05
501	ALL		367780	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8168e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8168e-05
502	ALL		367780	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4501e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4501e-05
503	ALL		367780	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1352e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1352e-05
504	ALL		367780	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8468e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8468e-05
505	ALL		367780	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5837e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5837e-05
506	ALL		367780	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3426e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3426e-05
507	ALL		367780	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1209e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1209e-05
508	ALL		367780	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8798e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8798e-05
509	ALL		367805	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3965e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3965e-04
510	ALL		367805	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4672e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4672e-04
511	ALL		367805	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5456e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5456e-04
512	ALL		367805	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6299e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6299e-04
513	ALL		367805	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.722e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.722e-04
514	ALL		367805	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.824e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.824e-04
515	ALL		367805	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9362e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9362e-04
516	ALL		367805	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0584e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0584e-04
517	ALL		367805	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1908e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1908e-04
518	ALL		367805	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3359e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3359e-04
519	ALL		367805	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4972e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4972e-04
520	ALL		367805	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6752e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6752e-04
521	ALL		367805	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8741e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8741e-04
522	ALL		367805	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0983e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0983e-04
523	ALL		367805	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
546	ALL		367805	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7722e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7722e-04
547	ALL		367805	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5856e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5856e-04
548	ALL		367805	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4242e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4242e-04
549	ALL		367805	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2848e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2848e-04
550	ALL		367805	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1645e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1645e-04
551	ALL		367805	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0607e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0607e-04
552	ALL		367805	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.7144e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.7144e-05
553	ALL		367805	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.0682e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.0682e-05
554	ALL		367805	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.4694e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.4694e-05
555	ALL		367805	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.8277e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.8277e-05
556	ALL		367805	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.1815e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.1815e-05
557	ALL		367805	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.7128e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.7128e-05
558	ALL		367805	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.2722e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.2722e-05
559	ALL		367805	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8138e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8138e-05
560	ALL		367805	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4324e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4324e-05
561	ALL		367805	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1189e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1189e-05
562	ALL		367805	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8335e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8335e-05
563	ALL		367805	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5733e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5733e-05
564	ALL		367805	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2879e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2879e-05
565	ALL		367805	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0617e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0617e-05
566	ALL		367830	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.411e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.411e-04
567	ALL		367830	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4829e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4829e-04
568	ALL		367830	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5635e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5635e-04
569	ALL		367830	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6497e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6497e-04
570	ALL		367830	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7456e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7456e-04
571	ALL		367830	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8512e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8512e-04
572	ALL		367830	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9677e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9677e-04
573	ALL		367830	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0965e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0965e-04
574	ALL		367830	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2365e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2365e-04
575	ALL		367830	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3928e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3928e-04
576	ALL		367830	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5654e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5654e-04
577	ALL		367830	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.758e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.758e-04
578	ALL		367830	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9748e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9748e-04
579	ALL		367830	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2204e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2204e-04
580	ALL		367830	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5019e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5019e-04
581	ALL		367830	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8299e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8299e-04
582	ALL		367830	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2146e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2146e-04
583	ALL		367830	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6715e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6715e-04
584	ALL		367830	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2138e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2138e-04
585	ALL		367830	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8464e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8464e-04
586	ALL		367830	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.5493e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.5493e-04
587	ALL		367830	3858790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.3266e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.3266e-04
588	ALL		367830	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.2269e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.2269e-04
589	ALL		367830	3858840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.2263e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.2263e-04
590	ALL		367830	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0365e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0365e-03
591	ALL		367830	3858890	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1754e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1754e-03
592	ALL		367830	3858915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3314e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3314e-03
593	ALL		367830	3858940	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5397e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5397e-03
594	ALL		367830	3858965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8075e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8075e-03
595	ALL		367830	3859190	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.0744e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.0744e-04
596	ALL		367830	3859215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.2185e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.2185e-04
597	ALL		367830	3859240	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6804e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6804e-04
598	ALL		367830	3859265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7973e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7973e-04
599	ALL		367830	3859290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2327e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2327e-04
600	ALL		367830	3859315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8006e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8006e-04
601	ALL		367830	3859340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4296e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4296e-04
602	ALL		367830	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1898e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1898e-04
603	ALL		367830	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9401e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9401e-04
604	ALL		367830	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7261e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7261e-04
605	ALL		367830	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.544e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.544e-04
606	ALL		367830	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.388e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.388e-04
607	ALL		367830	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2553e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2553e-04
608	ALL		367830	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1418e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1418e-04
609	ALL		367830	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0594e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0594e-04
610	ALL		367830	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.8297e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.8297e-05
611	ALL		367830	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.0401e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.0401e-05
612	ALL		367830	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.2994e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.2994e-05
613	ALL		367830	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.6858e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.6858e-05
614	ALL		367830	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.1682e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.1682e-05
615	ALL		367830	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.6951e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.6951e-05
616	ALL		367830	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.1791e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.1791e-05
617	ALL		367830	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.7562e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.7562e-05
618	ALL		367830	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4131e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4131e-05
619	ALL		367830	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1041e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1041e-05
620	ALL		367830	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8261e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8261e-05
621	ALL		367830	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.557e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.557e-05
622	ALL		367830	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3293e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3293e-05
623	ALL		367855	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4245e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4245e-04
624	ALL		367855	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4984e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4984e-04
625	ALL		367855	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5791e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5791e-04
626	ALL		367855	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.667e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.667e-04
627	ALL		367855	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7659e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7659e-04
628	ALL		367855	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8743e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8743e-04
629	ALL		367855	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.994e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.994e-04
630	ALL		367855	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1283e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1283e-04
631	ALL		367855	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2747e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2747e-04
632	ALL		367855	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
655	ALL		367855	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1347e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1347e-04
656	ALL		367855	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8879e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8879e-04
657	ALL		367855	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.681e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.681e-04
658	ALL		367855	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5068e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5068e-04
659	ALL		367855	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3622e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3622e-04
660	ALL		367855	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2509e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2509e-04
661	ALL		367855	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1548e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1548e-04
662	ALL		367855	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0636e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0636e-04
663	ALL		367855	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.7026e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.7026e-05
664	ALL		367855	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.8701e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.8701e-05
665	ALL		367855	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.2343e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.2343e-05
666	ALL		367855	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.6577e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.6577e-05
667	ALL		367855	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.1328e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.1328e-05
668	ALL		367855	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.6138e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.6138e-05
669	ALL		367855	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.1377e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.1377e-05
670	ALL		367855	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.731e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.731e-05
671	ALL		367855	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.3984e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.3984e-05
672	ALL		367855	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1012e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1012e-05
673	ALL		367855	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.835e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.835e-05
674	ALL		367855	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5955e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5955e-05
675	ALL		367880	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4369e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4369e-04
676	ALL		367880	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5128e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5128e-04
677	ALL		367880	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5935e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5935e-04
678	ALL		367880	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6834e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6834e-04
679	ALL		367880	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7835e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7835e-04
680	ALL		367880	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8936e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8936e-04
681	ALL		367880	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0162e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0162e-04
682	ALL		367880	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1546e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1546e-04
683	ALL		367880	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3059e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3059e-04
684	ALL		367880	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4793e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4793e-04
685	ALL		367880	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6714e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6714e-04
686	ALL		367880	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8908e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8908e-04
687	ALL		367880	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1425e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1425e-04
688	ALL		367880	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4317e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4317e-04
689	ALL		367880	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7698e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7698e-04
690	ALL		367880	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1787e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1787e-04
691	ALL		367880	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6724e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6724e-04
692	ALL		367880	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2854e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2854e-04
693	ALL		367880	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.0625e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.0625e-04
694	ALL		367880	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.0477e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.0477e-04
695	ALL		367880	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.2489e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.2489e-04
696	ALL		367880	3858790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.6887e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.6887e-04
697	ALL		367880	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1416e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1416e-03
698	ALL		367880	3859190	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4236e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4236e-03
699	ALL		367880	3859215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.6109e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.6109e-04
700	ALL		367880	3859240	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9398e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9398e-04
701	ALL		367880	3859265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.3247e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.3247e-04
702	ALL		367880	3859290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3443e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3443e-04
703	ALL		367880	3859315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6714e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6714e-04
704	ALL		367880	3859340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1311e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1311e-04
705	ALL		367880	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.706e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.706e-04
706	ALL		367880	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3597e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3597e-04
707	ALL		367880	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0748e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0748e-04
708	ALL		367880	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8388e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8388e-04
709	ALL		367880	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.648e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.648e-04
710	ALL		367880	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4968e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4968e-04
711	ALL		367880	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3758e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3758e-04
712	ALL		367880	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2651e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2651e-04
713	ALL		367880	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1552e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1552e-04
714	ALL		367880	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0516e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0516e-04
715	ALL		367880	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.5991e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.5991e-05
716	ALL		367880	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.8257e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.8257e-05
717	ALL		367880	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.1811e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.1811e-05
718	ALL		367880	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.6015e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.6015e-05
719	ALL		367880	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.0825e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.0825e-05
720	ALL		367880	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.5724e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.5724e-05
721	ALL		367880	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.1037e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.1037e-05
722	ALL		367880	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.7148e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.7148e-05
723	ALL		367880	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.3939e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.3939e-05
724	ALL		367880	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1086e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1086e-05
725	ALL		367880	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8498e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8498e-05
726	ALL		367905	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4481e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4481e-04
727	ALL		367905	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5247e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5247e-04
728	ALL		367905	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6062e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6062e-04
729	ALL		367905	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6994e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6994e-04
730	ALL		367905	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7996e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7996e-04
731	ALL		367905	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9102e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9102e-04
732	ALL		367905	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0346e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0346e-04
733	ALL		367905	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1756e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1756e-04
734	ALL		367905	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.332e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.332e-04
735	ALL		367905	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5104e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5104e-04
736	ALL		367905	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7089e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7089e-04
737	ALL		367905	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9377e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9377e-04
738	ALL		367905	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2043e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2043e-04
739	ALL		367905	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5146e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5146e-04
740	ALL		367905	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8787e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8787e-04
741	ALL		367905	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
764	ALL		367905	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0454e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0454e-04
765	ALL		367905	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.4926e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.4926e-05
766	ALL		367905	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.7385e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.7385e-05
767	ALL		367905	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.0998e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.0998e-05
768	ALL		367905	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.5335e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.5335e-05
769	ALL		367905	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.0293e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.0293e-05
770	ALL		367905	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.5413e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.5413e-05
771	ALL		367905	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.0726e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.0726e-05
772	ALL		367905	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.7281e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.7281e-05
773	ALL		367905	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4161e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4161e-05
774	ALL		367905	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1337e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1337e-05
775	ALL		367930	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4585e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4585e-04
776	ALL		367930	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.536e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.536e-04
777	ALL		367930	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6182e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6182e-04
778	ALL		367930	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7121e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7121e-04
779	ALL		367930	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8131e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8131e-04
780	ALL		367930	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9245e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9245e-04
781	ALL		367930	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0487e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0487e-04
782	ALL		367930	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1898e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1898e-04
783	ALL		367930	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.357e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.357e-04
784	ALL		367930	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5354e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5354e-04
785	ALL		367930	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7373e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7373e-04
786	ALL		367930	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9724e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9724e-04
787	ALL		367930	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2485e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2485e-04
788	ALL		367930	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5724e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5724e-04
789	ALL		367930	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9548e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9548e-04
790	ALL		367930	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4359e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4359e-04
791	ALL		367930	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0405e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0405e-04
792	ALL		367930	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8374e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8374e-04
793	ALL		367930	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9401e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9401e-04
794	ALL		367930	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.5436e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.5436e-04
795	ALL		367930	3859190	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.804e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.804e-03
796	ALL		367930	3859215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3144e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3144e-03
797	ALL		367930	3859240	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.7587e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.7587e-04
798	ALL		367930	3859265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.4857e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.4857e-04
799	ALL		367930	3859290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9061e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9061e-04
800	ALL		367930	3859315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7812e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7812e-04
801	ALL		367930	3859340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9749e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9749e-04
802	ALL		367930	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4252e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4252e-04
803	ALL		367930	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9316e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9316e-04
804	ALL		367930	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5399e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5399e-04
805	ALL		367930	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2565e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2565e-04
806	ALL		367930	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0291e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0291e-04
807	ALL		367930	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8156e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8156e-04
808	ALL		367930	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6358e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6358e-04
809	ALL		367930	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4832e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4832e-04
810	ALL		367930	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3504e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3504e-04
811	ALL		367930	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2339e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2339e-04
812	ALL		367930	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1302e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1302e-04
813	ALL		367930	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0344e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0344e-04
814	ALL		367930	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.3373e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.3373e-05
815	ALL		367930	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.6321e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.6321e-05
816	ALL		367930	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.011e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.011e-05
817	ALL		367930	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.461e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.461e-05
818	ALL		367930	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9745e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9745e-05
819	ALL		367930	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.5413e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.5413e-05
820	ALL		367930	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.1584e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.1584e-05
821	ALL		367930	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8138e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8138e-05
822	ALL		367930	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.5004e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.5004e-05
823	ALL		367955	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4711e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4711e-04
824	ALL		367955	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5474e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5474e-04
825	ALL		367955	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6331e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6331e-04
826	ALL		367955	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7248e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7248e-04
827	ALL		367955	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8255e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8255e-04
828	ALL		367955	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9373e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9373e-04
829	ALL		367955	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0637e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0637e-04
830	ALL		367955	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2087e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2087e-04
831	ALL		367955	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3737e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3737e-04
832	ALL		367955	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5535e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5535e-04
833	ALL		367955	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7623e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7623e-04
834	ALL		367955	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0005e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0005e-04
835	ALL		367955	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2773e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2773e-04
836	ALL		367955	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6079e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6079e-04
837	ALL		367955	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9986e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9986e-04
838	ALL		367955	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.498e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.498e-04
839	ALL		367955	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1338e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1338e-04
840	ALL		367955	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9953e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9953e-04
841	ALL		367955	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.2614e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.2614e-04
842	ALL		367955	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.3212e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.3212e-04
843	ALL		367955	3859190	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0163e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0163e-03
844	ALL		367955	3859215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4631e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4631e-03
845	ALL		367955	3859240	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1283e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1283e-03
846	ALL		367955	3859265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.7866e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.7866e-04
847	ALL		367955	3859290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9373e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9373e-04
848	ALL		367955	3859315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.5727e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.5727e-04
849	ALL		367955	3859340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.563e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.563e-04
850	ALL		367955	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
873	ALL		367980	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6457e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6457e-04
874	ALL		367980	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7372e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7372e-04
875	ALL		367980	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8406e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8406e-04
876	ALL		367980	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9541e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9541e-04
877	ALL		367980	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0813e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0813e-04
878	ALL		367980	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2269e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2269e-04
879	ALL		367980	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3876e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3876e-04
880	ALL		367980	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5722e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5722e-04
881	ALL		367980	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7802e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7802e-04
882	ALL		367980	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.02e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.02e-04
883	ALL		367980	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2983e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2983e-04
884	ALL		367980	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6236e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6236e-04
885	ALL		367980	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.012e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.012e-04
886	ALL		367980	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5112e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5112e-04
887	ALL		367980	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1467e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1467e-04
888	ALL		367980	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.0294e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.0294e-04
889	ALL		367980	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.3816e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.3816e-04
890	ALL		367980	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.7345e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.7345e-04
891	ALL		367980	3859190	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2487e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2487e-03
892	ALL		367980	3859215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.657e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.657e-03
893	ALL		367980	3859240	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3033e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3033e-03
894	ALL		367980	3859265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0294e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0294e-03
895	ALL		367980	3859290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.1737e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.1737e-04
896	ALL		367980	3859315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.532e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.532e-04
897	ALL		367980	3859340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.282e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.282e-04
898	ALL		367980	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3375e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3375e-04
899	ALL		367980	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7003e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7003e-04
900	ALL		367980	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1654e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1654e-04
901	ALL		367980	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7713e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7713e-04
902	ALL		367980	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.479e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.479e-04
903	ALL		367980	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2282e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2282e-04
904	ALL		367980	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9735e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9735e-04
905	ALL		367980	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7452e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7452e-04
906	ALL		367980	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5689e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5689e-04
907	ALL		367980	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4217e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4217e-04
908	ALL		367980	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.293e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.293e-04
909	ALL		367980	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1813e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1813e-04
910	ALL		367980	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0837e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0837e-04
911	ALL		367980	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.9835e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.9835e-05
912	ALL		367980	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.1924e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.1924e-05
913	ALL		367980	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.4502e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.4502e-05
914	ALL		367980	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.8144e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.8144e-05
915	ALL		367980	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.3176e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.3176e-05
916	ALL		367980	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.874e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.874e-05
917	ALL		367980	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.5576e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.5576e-05
918	ALL		367980	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.2057e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.2057e-05
919	ALL		368005	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4938e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4938e-04
920	ALL		368005	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5709e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5709e-04
921	ALL		368005	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6587e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6587e-04
922	ALL		368005	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7505e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7505e-04
923	ALL		368005	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8555e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8555e-04
924	ALL		368005	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9716e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9716e-04
925	ALL		368005	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0999e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0999e-04
926	ALL		368005	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2427e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2427e-04
927	ALL		368005	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4009e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4009e-04
928	ALL		368005	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5871e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5871e-04
929	ALL		368005	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7928e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7928e-04
930	ALL		368005	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0314e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0314e-04
931	ALL		368005	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3079e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3079e-04
932	ALL		368005	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6252e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6252e-04
933	ALL		368005	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0111e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0111e-04
934	ALL		368005	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4858e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4858e-04
935	ALL		368005	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0966e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0966e-04
936	ALL		368005	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9398e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9398e-04
937	ALL		368005	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.2061e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.2061e-04
938	ALL		368005	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.3617e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.3617e-04
939	ALL		368005	3859190	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5088e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5088e-03
940	ALL		368005	3859215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8918e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8918e-03
941	ALL		368005	3859240	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5009e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5009e-03
942	ALL		368005	3859265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2017e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2017e-03
943	ALL		368005	3859290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.6767e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.6767e-04
944	ALL		368005	3859315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.7561e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.7561e-04
945	ALL		368005	3859340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.1721e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.1721e-04
946	ALL		368005	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.982e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.982e-04
947	ALL		368005	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.194e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.194e-04
948	ALL		368005	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.552e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.552e-04
949	ALL		368005	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0807e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0807e-04
950	ALL		368005	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7288e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7288e-04
951	ALL		368005	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4329e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4329e-04
952	ALL		368005	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1534e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1534e-04
953	ALL		368005	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9034e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9034e-04
954	ALL		368005	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7054e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7054e-04
955	ALL		368005	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5392e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5392e-04
956	ALL		368005	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3909e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3909e-04
957	ALL		368005	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.259e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.259e-04
958	ALL		368005	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.166e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.166e-04
959	ALL		368005	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
982	ALL		368030	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4337e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4337e-04
983	ALL		368030	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9983e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9983e-04
984	ALL		368030	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.748e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.748e-04
985	ALL		368030	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.7851e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.7851e-04
986	ALL		368030	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.3541e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.3541e-04
987	ALL		368030	3859190	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8066e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8066e-03
988	ALL		368030	3859215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.205e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.205e-03
989	ALL		368030	3859240	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7715e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7715e-03
990	ALL		368030	3859265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4446e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4446e-03
991	ALL		368030	3859290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1775e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1775e-03
992	ALL		368030	3859315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.4271e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.4271e-04
993	ALL		368030	3859340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.3526e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.3526e-04
994	ALL		368030	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.7708e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.7708e-04
995	ALL		368030	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7833e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7833e-04
996	ALL		368030	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9999e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9999e-04
997	ALL		368030	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4253e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4253e-04
998	ALL		368030	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9918e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9918e-04
999	ALL		368030	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6309e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6309e-04
1000	ALL		368030	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3288e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3288e-04
1001	ALL		368030	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0677e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0677e-04
1002	ALL		368030	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8497e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8497e-04
1003	ALL		368030	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6649e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6649e-04
1004	ALL		368030	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5003e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5003e-04
1005	ALL		368030	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3547e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3547e-04
1006	ALL		368030	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2562e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2562e-04
1007	ALL		368030	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1561e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1561e-04
1008	ALL		368030	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0576e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0576e-04
1009	ALL		368030	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.7617e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.7617e-05
1010	ALL		368030	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.0963e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.0963e-05
1011	ALL		368030	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.5064e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.5064e-05
1012	ALL		368030	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.9785e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.9785e-05
1013	ALL		368030	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.5941e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.5941e-05
1014	ALL		368030	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.1712e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.1712e-05
1015	ALL		368055	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5204e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5204e-04
1016	ALL		368055	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5987e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5987e-04
1017	ALL		368055	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6884e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6884e-04
1018	ALL		368055	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7867e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7867e-04
1019	ALL		368055	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8911e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8911e-04
1020	ALL		368055	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0073e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0073e-04
1021	ALL		368055	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1364e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1364e-04
1022	ALL		368055	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2779e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2779e-04
1023	ALL		368055	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4406e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4406e-04
1024	ALL		368055	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.618e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.618e-04
1025	ALL		368055	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8167e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8167e-04
1026	ALL		368055	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0462e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0462e-04
1027	ALL		368055	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3097e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3097e-04
1028	ALL		368055	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6078e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6078e-04
1029	ALL		368055	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9637e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9637e-04
1030	ALL		368055	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3709e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3709e-04
1031	ALL		368055	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.873e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.873e-04
1032	ALL		368055	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.503e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.503e-04
1033	ALL		368055	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3025e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3025e-04
1034	ALL		368055	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.3798e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.3798e-04
1035	ALL		368055	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.32e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.32e-04
1036	ALL		368055	3858790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3853e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3853e-03
1037	ALL		368055	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0444e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0444e-03
1038	ALL		368055	3858840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5354e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5354e-03
1039	ALL		368055	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9073e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9073e-03
1040	ALL		368055	3858890	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2622e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2622e-03
1041	ALL		368055	3858915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7292e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7292e-03
1042	ALL		368055	3858940	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2385e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2385e-03
1043	ALL		368055	3859190	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3037e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3037e-03
1044	ALL		368055	3859215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6654e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6654e-03
1045	ALL		368055	3859240	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2564e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2564e-03
1046	ALL		368055	3859265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8668e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8668e-03
1047	ALL		368055	3859290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5344e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5344e-03
1048	ALL		368055	3859315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2231e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2231e-03
1049	ALL		368055	3859340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.193e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.193e-04
1050	ALL		368055	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.8097e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.8097e-04
1051	ALL		368055	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4881e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4881e-04
1052	ALL		368055	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5119e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5119e-04
1053	ALL		368055	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8072e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8072e-04
1054	ALL		368055	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2718e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2718e-04
1055	ALL		368055	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8391e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8391e-04
1056	ALL		368055	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5198e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5198e-04
1057	ALL		368055	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2359e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2359e-04
1058	ALL		368055	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9948e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9948e-04
1059	ALL		368055	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7912e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7912e-04
1060	ALL		368055	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6183e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6183e-04
1061	ALL		368055	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4716e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4716e-04
1062	ALL		368055	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3458e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3458e-04
1063	ALL		368055	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2368e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2368e-04
1064	ALL		368055	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1422e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1422e-04
1065	ALL		368055	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0593e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0593e-04
1066	ALL		368055	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.8756e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.8756e-05
1067	ALL		368055	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.2501e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1091	ALL		368080	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.3526e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.3526e-04
1092	ALL		368080	3858790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0803e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0803e-03
1093	ALL		368080	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4382e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4382e-03
1094	ALL		368080	3858840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8311e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8311e-03
1095	ALL		368080	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1708e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1708e-03
1096	ALL		368080	3858890	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.497e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.497e-03
1097	ALL		368080	3858915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8685e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8685e-03
1098	ALL		368080	3858940	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3849e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3849e-03
1099	ALL		368080	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3343e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3343e-04
1100	ALL		368080	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1276e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1276e-04
1101	ALL		368080	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2504e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2504e-04
1102	ALL		368080	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5995e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5995e-04
1103	ALL		368080	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1284e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1284e-04
1104	ALL		368080	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7199e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7199e-04
1105	ALL		368080	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4323e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4323e-04
1106	ALL		368080	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1688e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1688e-04
1107	ALL		368080	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9415e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9415e-04
1108	ALL		368080	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7502e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7502e-04
1109	ALL		368080	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5879e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5879e-04
1110	ALL		368080	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4496e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4496e-04
1111	ALL		368080	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3303e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3303e-04
1112	ALL		368080	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2263e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2263e-04
1113	ALL		368080	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1359e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1359e-04
1114	ALL		368080	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0639e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0639e-04
1115	ALL		368080	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0054e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0054e-04
1116	ALL		368080	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.222e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.222e-05
1117	ALL		368080	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.6394e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.6394e-05
1118	ALL		368080	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.1101e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.1101e-05
1119	ALL		368105	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5509e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5509e-04
1120	ALL		368105	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6334e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6334e-04
1121	ALL		368105	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7201e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7201e-04
1122	ALL		368105	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8197e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8197e-04
1123	ALL		368105	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9291e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9291e-04
1124	ALL		368105	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0489e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0489e-04
1125	ALL		368105	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1784e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1784e-04
1126	ALL		368105	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3187e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3187e-04
1127	ALL		368105	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4802e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4802e-04
1128	ALL		368105	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.653e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.653e-04
1129	ALL		368105	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8525e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8525e-04
1130	ALL		368105	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0724e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0724e-04
1131	ALL		368105	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3143e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3143e-04
1132	ALL		368105	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5887e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5887e-04
1133	ALL		368105	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9079e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9079e-04
1134	ALL		368105	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2508e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2508e-04
1135	ALL		368105	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6486e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6486e-04
1136	ALL		368105	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0945e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0945e-04
1137	ALL		368105	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6372e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6372e-04
1138	ALL		368105	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.4344e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.4344e-04
1139	ALL		368105	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.684e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.684e-04
1140	ALL		368105	3858790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.4271e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.4271e-04
1141	ALL		368105	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.161e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.161e-03
1142	ALL		368105	3858840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.427e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.427e-03
1143	ALL		368105	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7131e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7131e-03
1144	ALL		368105	3858890	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0151e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0151e-03
1145	ALL		368105	3858915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3719e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3719e-03
1146	ALL		368105	3858940	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.923e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.923e-03
1147	ALL		368105	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.6852e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.6852e-04
1148	ALL		368105	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8767e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8767e-04
1149	ALL		368105	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7825e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7825e-04
1150	ALL		368105	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0148e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0148e-04
1151	ALL		368105	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4238e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4238e-04
1152	ALL		368105	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0007e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0007e-04
1153	ALL		368105	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6316e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6316e-04
1154	ALL		368105	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3544e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3544e-04
1155	ALL		368105	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1126e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1126e-04
1156	ALL		368105	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.899e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.899e-04
1157	ALL		368105	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.719e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.719e-04
1158	ALL		368105	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5655e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5655e-04
1159	ALL		368105	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4336e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4336e-04
1160	ALL		368105	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3195e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3195e-04
1161	ALL		368105	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2197e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2197e-04
1162	ALL		368105	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1335e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1335e-04
1163	ALL		368105	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0579e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0579e-04
1164	ALL		368105	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.8489e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.8489e-05
1165	ALL		368105	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.2131e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.2131e-05
1166	ALL		368105	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.6365e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.6365e-05
1167	ALL		368130	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5682e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5682e-04
1168	ALL		368130	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6495e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6495e-04
1169	ALL		368130	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7397e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7397e-04
1170	ALL		368130	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8358e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8358e-04
1171	ALL		368130	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9445e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9445e-04
1172	ALL		368130	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0649e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0649e-04
1173	ALL		368130	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1965e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1965e-04
1174	ALL		368130	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3394e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3394e-04
1175	ALL		368130	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4947e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4947e-04
1176	ALL		368130	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6709e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1200	ALL		368130	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7944e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7944e-04
1201	ALL		368130	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2695e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2695e-04
1202	ALL		368130	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8763e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8763e-04
1203	ALL		368130	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5476e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5476e-04
1204	ALL		368130	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.283e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.283e-04
1205	ALL		368130	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0606e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0606e-04
1206	ALL		368130	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8604e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8604e-04
1207	ALL		368130	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6903e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6903e-04
1208	ALL		368130	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.544e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.544e-04
1209	ALL		368130	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4178e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4178e-04
1210	ALL		368130	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3084e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3084e-04
1211	ALL		368130	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.212e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.212e-04
1212	ALL		368130	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1267e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1267e-04
1213	ALL		368130	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.05e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.05e-04
1214	ALL		368130	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.8016e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.8016e-05
1215	ALL		368130	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.1732e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.1732e-05
1216	ALL		368155	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5862e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5862e-04
1217	ALL		368155	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6664e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6664e-04
1218	ALL		368155	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7558e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7558e-04
1219	ALL		368155	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8536e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8536e-04
1220	ALL		368155	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.96e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.96e-04
1221	ALL		368155	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0789e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0789e-04
1222	ALL		368155	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2112e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2112e-04
1223	ALL		368155	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3566e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3566e-04
1224	ALL		368155	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5132e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5132e-04
1225	ALL		368155	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6859e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6859e-04
1226	ALL		368155	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8778e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8778e-04
1227	ALL		368155	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0869e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0869e-04
1228	ALL		368155	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3169e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3169e-04
1229	ALL		368155	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.575e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.575e-04
1230	ALL		368155	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.858e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.858e-04
1231	ALL		368155	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1547e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1547e-04
1232	ALL		368155	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4899e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4899e-04
1233	ALL		368155	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8927e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8927e-04
1234	ALL		368155	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.405e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.405e-04
1235	ALL		368155	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.0707e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.0707e-04
1236	ALL		368155	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9265e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9265e-04
1237	ALL		368155	3858790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.0085e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.0085e-04
1238	ALL		368155	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.289e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.289e-04
1239	ALL		368155	3858840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0863e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0863e-03
1240	ALL		368155	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.283e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.283e-03
1241	ALL		368155	3858890	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.528e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.528e-03
1242	ALL		368155	3858915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8455e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8455e-03
1243	ALL		368155	3858940	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3408e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3408e-03
1244	ALL		368155	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9064e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9064e-03
1245	ALL		368155	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1834e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1834e-03
1246	ALL		368155	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.2244e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.2244e-04
1247	ALL		368155	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.2641e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.2641e-04
1248	ALL		368155	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0595e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0595e-04
1249	ALL		368155	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2319e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2319e-04
1250	ALL		368155	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5974e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5974e-04
1251	ALL		368155	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.133e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.133e-04
1252	ALL		368155	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.766e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.766e-04
1253	ALL		368155	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4664e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4664e-04
1254	ALL		368155	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2191e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2191e-04
1255	ALL		368155	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0109e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0109e-04
1256	ALL		368155	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8213e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8213e-04
1257	ALL		368155	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6593e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6593e-04
1258	ALL		368155	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5197e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5197e-04
1259	ALL		368155	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3914e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3914e-04
1260	ALL		368155	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.278e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.278e-04
1261	ALL		368155	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1869e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1869e-04
1262	ALL		368155	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1147e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1147e-04
1263	ALL		368155	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0393e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0393e-04
1264	ALL		368155	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.707e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.707e-05
1265	ALL		368180	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6021e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6021e-04
1266	ALL		368180	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6844e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6844e-04
1267	ALL		368180	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7715e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7715e-04
1268	ALL		368180	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8706e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8706e-04
1269	ALL		368180	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9772e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9772e-04
1270	ALL		368180	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0961e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0961e-04
1271	ALL		368180	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.229e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.229e-04
1272	ALL		368180	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3748e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3748e-04
1273	ALL		368180	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5324e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5324e-04
1274	ALL		368180	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7032e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7032e-04
1275	ALL		368180	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8941e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8941e-04
1276	ALL		368180	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1036e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1036e-04
1277	ALL		368180	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.33e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.33e-04
1278	ALL		368180	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5752e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5752e-04
1279	ALL		368180	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.852e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.852e-04
1280	ALL		368180	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1489e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1489e-04
1281	ALL		368180	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4748e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4748e-04
1282	ALL		368180	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8729e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8729e-04
1283	ALL		368180	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.3769e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.3769e-04
1284	ALL		368180	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9969e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9969e-04
1285	ALL		368180	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.7436e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.7436

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1309	ALL		368180	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3449e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3449e-04
1310	ALL		368180	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2462e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2462e-04
1311	ALL		368180	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1699e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1699e-04
1312	ALL		368180	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0956e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0956e-04
1313	ALL		368180	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0235e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0235e-04
1314	ALL		368205	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6154e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6154e-04
1315	ALL		368205	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.702e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.702e-04
1316	ALL		368205	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7904e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7904e-04
1317	ALL		368205	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8864e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8864e-04
1318	ALL		368205	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9966e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9966e-04
1319	ALL		368205	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.119e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.119e-04
1320	ALL		368205	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2528e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2528e-04
1321	ALL		368205	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3974e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3974e-04
1322	ALL		368205	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5509e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5509e-04
1323	ALL		368205	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7285e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7285e-04
1324	ALL		368205	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9146e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9146e-04
1325	ALL		368205	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1218e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1218e-04
1326	ALL		368205	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3509e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3509e-04
1327	ALL		368205	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5942e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5942e-04
1328	ALL		368205	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8566e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8566e-04
1329	ALL		368205	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.168e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.168e-04
1330	ALL		368205	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5057e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5057e-04
1331	ALL		368205	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9129e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9129e-04
1332	ALL		368205	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4032e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4032e-04
1333	ALL		368205	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9691e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9691e-04
1334	ALL		368205	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.6683e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.6683e-04
1335	ALL		368205	3858790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.4697e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.4697e-04
1336	ALL		368205	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.3666e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.3666e-04
1337	ALL		368205	3858840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.4518e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.4518e-04
1338	ALL		368205	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0793e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0793e-03
1339	ALL		368205	3858890	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2484e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2484e-03
1340	ALL		368205	3858915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5007e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5007e-03
1341	ALL		368205	3858940	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9164e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9164e-03
1342	ALL		368205	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4813e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4813e-03
1343	ALL		368205	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.601e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.601e-03
1344	ALL		368205	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1068e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1068e-03
1345	ALL		368205	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.2319e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.2319e-04
1346	ALL		368205	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.4295e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.4295e-04
1347	ALL		368205	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1925e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1925e-04
1348	ALL		368205	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3342e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3342e-04
1349	ALL		368205	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7333e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7333e-04
1350	ALL		368205	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2377e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2377e-04
1351	ALL		368205	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8601e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8601e-04
1352	ALL		368205	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.555e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.555e-04
1353	ALL		368205	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2816e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2816e-04
1354	ALL		368205	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0569e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0569e-04
1355	ALL		368205	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8614e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8614e-04
1356	ALL		368205	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6949e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6949e-04
1357	ALL		368205	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5515e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5515e-04
1358	ALL		368205	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4258e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4258e-04
1359	ALL		368205	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3152e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3152e-04
1360	ALL		368205	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.217e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.217e-04
1361	ALL		368205	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1461e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1461e-04
1362	ALL		368205	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0733e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0733e-04
1363	ALL		368230	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6303e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6303e-04
1364	ALL		368230	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7189e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7189e-04
1365	ALL		368230	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8092e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8092e-04
1366	ALL		368230	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9069e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9069e-04
1367	ALL		368230	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0192e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0192e-04
1368	ALL		368230	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1435e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1435e-04
1369	ALL		368230	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2763e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2763e-04
1370	ALL		368230	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4172e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4172e-04
1371	ALL		368230	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5803e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5803e-04
1372	ALL		368230	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7594e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7594e-04
1373	ALL		368230	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9463e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9463e-04
1374	ALL		368230	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1476e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1476e-04
1375	ALL		368230	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3731e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3731e-04
1376	ALL		368230	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6289e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6289e-04
1377	ALL		368230	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8968e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8968e-04
1378	ALL		368230	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2189e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2189e-04
1379	ALL		368230	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.573e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.573e-04
1380	ALL		368230	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9932e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9932e-04
1381	ALL		368230	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4819e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4819e-04
1382	ALL		368230	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.024e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.024e-04
1383	ALL		368230	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.6704e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.6704e-04
1384	ALL		368230	3858790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.3498e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.3498e-04
1385	ALL		368230	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.154e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.154e-04
1386	ALL		368230	3858840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.098e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.098e-04
1387	ALL		368230	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0207e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0207e-03
1388	ALL		368230	3858890	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1563e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1563e-03
1389	ALL		368230	3858915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3447e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3447e-03
1390	ALL		368230	3858940	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6709e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6709e-03
1391	ALL		368230	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6121e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6121e-03
1392	ALL		368230	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7345e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7345e-03
1393	ALL		368230	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2495e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2495e-03
1394	ALL		368230	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.2596e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1418	ALL		368255	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2977e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2977e-04
1419	ALL		368255	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4475e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4475e-04
1420	ALL		368255	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.613e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.613e-04
1421	ALL		368255	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7843e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7843e-04
1422	ALL		368255	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9786e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9786e-04
1423	ALL		368255	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1873e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1873e-04
1424	ALL		368255	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4167e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4167e-04
1425	ALL		368255	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6793e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6793e-04
1426	ALL		368255	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9592e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9592e-04
1427	ALL		368255	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2816e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2816e-04
1428	ALL		368255	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6665e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6665e-04
1429	ALL		368255	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1006e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1006e-04
1430	ALL		368255	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.5864e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.5864e-04
1431	ALL		368255	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.14e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.14e-04
1432	ALL		368255	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.7525e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.7525e-04
1433	ALL		368255	3858790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.3754e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.3754e-04
1434	ALL		368255	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.0946e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.0946e-04
1435	ALL		368255	3858840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.9131e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.9131e-04
1436	ALL		368255	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.8398e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.8398e-04
1437	ALL		368255	3858890	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0925e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0925e-03
1438	ALL		368255	3858915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2356e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2356e-03
1439	ALL		368255	3858940	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4461e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4461e-03
1440	ALL		368255	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7048e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7048e-03
1441	ALL		368255	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8653e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8653e-03
1442	ALL		368255	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3567e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3567e-03
1443	ALL		368255	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0135e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0135e-03
1444	ALL		368255	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.8922e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.8922e-04
1445	ALL		368255	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3615e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3615e-04
1446	ALL		368255	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2162e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2162e-04
1447	ALL		368255	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3648e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3648e-04
1448	ALL		368255	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7185e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7185e-04
1449	ALL		368255	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.242e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.242e-04
1450	ALL		368255	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8637e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8637e-04
1451	ALL		368255	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5385e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5385e-04
1452	ALL		368255	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2988e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2988e-04
1453	ALL		368255	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0427e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0427e-04
1454	ALL		368255	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8435e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8435e-04
1455	ALL		368255	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6918e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6918e-04
1456	ALL		368255	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5613e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5613e-04
1457	ALL		368255	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4336e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4336e-04
1458	ALL		368255	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3211e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3211e-04
1459	ALL		368255	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2391e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2391e-04
1460	ALL		368255	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1679e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1679e-04
1461	ALL		368280	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6544e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6544e-04
1462	ALL		368280	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7427e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7427e-04
1463	ALL		368280	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8443e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8443e-04
1464	ALL		368280	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9469e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9469e-04
1465	ALL		368280	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0644e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0644e-04
1466	ALL		368280	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1892e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1892e-04
1467	ALL		368280	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3245e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3245e-04
1468	ALL		368280	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4787e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4787e-04
1469	ALL		368280	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6474e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6474e-04
1470	ALL		368280	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8204e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8204e-04
1471	ALL		368280	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0196e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0196e-04
1472	ALL		368280	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2341e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2341e-04
1473	ALL		368280	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4712e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4712e-04
1474	ALL		368280	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.746e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.746e-04
1475	ALL		368280	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.044e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.044e-04
1476	ALL		368280	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4024e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4024e-04
1477	ALL		368280	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8084e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8084e-04
1478	ALL		368280	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2711e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2711e-04
1479	ALL		368280	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.781e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.781e-04
1480	ALL		368280	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3226e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3226e-04
1481	ALL		368280	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9198e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9198e-04
1482	ALL		368280	3858790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.5067e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.5067e-04
1483	ALL		368280	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.167e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.167e-04
1484	ALL		368280	3858840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.8707e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.8707e-04
1485	ALL		368280	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.6456e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.6456e-04
1486	ALL		368280	3858890	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0574e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0574e-03
1487	ALL		368280	3858915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.17e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.17e-03
1488	ALL		368280	3858940	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.329e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.329e-03
1489	ALL		368280	3858965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5918e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5918e-03
1490	ALL		368280	3858990	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9446e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9446e-03
1491	ALL		368280	3859015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3621e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3621e-03
1492	ALL		368280	3859040	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.752e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.752e-03
1493	ALL		368280	3859065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0167e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0167e-03
1494	ALL		368280	3859090	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2707e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2707e-03
1495	ALL		368280	3859115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4447e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4447e-03
1496	ALL		368280	3859140	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5866e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5866e-03
1497	ALL		368280	3859165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7181e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7181e-03
1498	ALL		368280	3859190	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8202e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8202e-03
1499	ALL		368280	3859215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9513e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9513e-03
1500	ALL		368280	3859240	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1777e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1777e-03
1501	ALL		368280	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7648e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7648e-03
1502	ALL		368280	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9491e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9491e-03
1503	ALL		368280	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.442e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1527	ALL		368305	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2123e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2123e-04
1528	ALL		368305	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3508e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3508e-04
1529	ALL		368305	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5079e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5079e-04
1530	ALL		368305	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6746e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6746e-04
1531	ALL		368305	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.858e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.858e-04
1532	ALL		368305	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0647e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0647e-04
1533	ALL		368305	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2874e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2874e-04
1534	ALL		368305	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5364e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5364e-04
1535	ALL		368305	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8284e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8284e-04
1536	ALL		368305	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1494e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1494e-04
1537	ALL		368305	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5319e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5319e-04
1538	ALL		368305	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9739e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9739e-04
1539	ALL		368305	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4798e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4798e-04
1540	ALL		368305	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.0265e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.0265e-04
1541	ALL		368305	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.5811e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.5811e-04
1542	ALL		368305	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.1841e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.1841e-04
1543	ALL		368305	3858790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.7564e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.7564e-04
1544	ALL		368305	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.3831e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.3831e-04
1545	ALL		368305	3858840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.016e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.016e-04
1546	ALL		368305	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.694e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.694e-04
1547	ALL		368305	3858890	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.051e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.051e-03
1548	ALL		368305	3858915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1461e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1461e-03
1549	ALL		368305	3858940	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2766e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2766e-03
1550	ALL		368305	3858965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4625e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4625e-03
1551	ALL		368305	3858990	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6785e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6785e-03
1552	ALL		368305	3859015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9319e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9319e-03
1553	ALL		368305	3859040	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2096e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2096e-03
1554	ALL		368305	3859065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4322e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4322e-03
1555	ALL		368305	3859090	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6397e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6397e-03
1556	ALL		368305	3859115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7973e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7973e-03
1557	ALL		368305	3859140	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.923e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.923e-03
1558	ALL		368305	3859165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0377e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0377e-03
1559	ALL		368305	3859190	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1511e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1511e-03
1560	ALL		368305	3859215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3151e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3151e-03
1561	ALL		368305	3859240	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5793e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5793e-03
1562	ALL		368305	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8344e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8344e-03
1563	ALL		368305	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0125e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0125e-03
1564	ALL		368305	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5195e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5195e-03
1565	ALL		368305	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.184e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.184e-03
1566	ALL		368305	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.4033e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.4033e-04
1567	ALL		368305	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.4992e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.4992e-04
1568	ALL		368305	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.1255e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.1255e-04
1569	ALL		368305	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0842e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0842e-04
1570	ALL		368305	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3311e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3311e-04
1571	ALL		368305	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7237e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7237e-04
1572	ALL		368305	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2301e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2301e-04
1573	ALL		368305	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8398e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8398e-04
1574	ALL		368305	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4941e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4941e-04
1575	ALL		368305	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2432e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2432e-04
1576	ALL		368305	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0212e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0212e-04
1577	ALL		368305	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8372e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8372e-04
1578	ALL		368305	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6942e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6942e-04
1579	ALL		368305	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5799e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5799e-04
1580	ALL		368305	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4499e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4499e-04
1581	ALL		368305	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3556e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3556e-04
1582	ALL		368305	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2558e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2558e-04
1583	ALL		368330	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6733e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6733e-04
1584	ALL		368330	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7651e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7651e-04
1585	ALL		368330	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.871e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.871e-04
1586	ALL		368330	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9784e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9784e-04
1587	ALL		368330	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1012e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1012e-04
1588	ALL		368330	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2319e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2319e-04
1589	ALL		368330	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.374e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.374e-04
1590	ALL		368330	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5342e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5342e-04
1591	ALL		368330	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7001e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7001e-04
1592	ALL		368330	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8948e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8948e-04
1593	ALL		368330	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1114e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1114e-04
1594	ALL		368330	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3455e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3455e-04
1595	ALL		368330	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6104e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6104e-04
1596	ALL		368330	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9243e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9243e-04
1597	ALL		368330	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2734e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2734e-04
1598	ALL		368330	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6796e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6796e-04
1599	ALL		368330	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1687e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1687e-04
1600	ALL		368330	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.7234e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.7234e-04
1601	ALL		368330	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3192e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3192e-04
1602	ALL		368330	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9328e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9328e-04
1603	ALL		368330	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.5695e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.5695e-04
1604	ALL		368330	3858790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.1531e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.1531e-04
1605	ALL		368330	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.7733e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.7733e-04
1606	ALL		368330	3858840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.3753e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.3753e-04
1607	ALL		368330	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0e-03
1608	ALL		368330	3858890	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0741e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0741e-03
1609	ALL		368330	3858915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1581e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1581e-03
1610	ALL		368330	3858940	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2693e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2693e-03
1611	ALL		368330	3858965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.406e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.406e-03
1612	ALL		368330	3858990	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5562e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1636	ALL		368330	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.377e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.377e-04
1637	ALL		368330	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1437e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1437e-04
1638	ALL		368330	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.938e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.938e-04
1639	ALL		368330	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7782e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7782e-04
1640	ALL		368330	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.664e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.664e-04
1641	ALL		368330	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.538e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.538e-04
1642	ALL		368330	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4208e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4208e-04
1643	ALL		368330	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.305e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.305e-04
1644	ALL		368355	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6787e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6787e-04
1645	ALL		368355	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7718e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7718e-04
1646	ALL		368355	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8793e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8793e-04
1647	ALL		368355	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9883e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9883e-04
1648	ALL		368355	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1122e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1122e-04
1649	ALL		368355	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2458e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2458e-04
1650	ALL		368355	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3916e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3916e-04
1651	ALL		368355	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5546e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5546e-04
1652	ALL		368355	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7279e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7279e-04
1653	ALL		368355	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.93e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.93e-04
1654	ALL		368355	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1549e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1549e-04
1655	ALL		368355	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4037e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4037e-04
1656	ALL		368355	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6892e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6892e-04
1657	ALL		368355	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0273e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0273e-04
1658	ALL		368355	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4132e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4132e-04
1659	ALL		368355	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8609e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8609e-04
1660	ALL		368355	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4035e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4035e-04
1661	ALL		368355	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.0138e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.0138e-04
1662	ALL		368355	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.6836e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.6836e-04
1663	ALL		368355	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.4079e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.4079e-04
1664	ALL		368355	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.1205e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.1205e-04
1665	ALL		368355	3858790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.7489e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.7489e-04
1666	ALL		368355	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.3827e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.3827e-04
1667	ALL		368355	3858840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.9814e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.9814e-04
1668	ALL		368355	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0593e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0593e-03
1669	ALL		368355	3858890	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1296e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1296e-03
1670	ALL		368355	3858915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.205e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.205e-03
1671	ALL		368355	3858940	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3039e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3039e-03
1672	ALL		368355	3858965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4071e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4071e-03
1673	ALL		368355	3858990	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5197e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5197e-03
1674	ALL		368355	3859015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6406e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6406e-03
1675	ALL		368355	3859040	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7679e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7679e-03
1676	ALL		368355	3859065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9113e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9113e-03
1677	ALL		368355	3859090	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0395e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0395e-03
1678	ALL		368355	3859115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1627e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1627e-03
1679	ALL		368355	3859140	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2713e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2713e-03
1680	ALL		368355	3859165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.377e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.377e-03
1681	ALL		368355	3859190	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4963e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4963e-03
1682	ALL		368355	3859215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6759e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6759e-03
1683	ALL		368355	3859240	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9981e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9981e-03
1684	ALL		368355	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.833e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.833e-03
1685	ALL		368355	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.076e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.076e-03
1686	ALL		368355	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.61e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.61e-03
1687	ALL		368355	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2915e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2915e-03
1688	ALL		368355	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0522e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0522e-03
1689	ALL		368355	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.534e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.534e-04
1690	ALL		368355	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.0489e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.0489e-04
1691	ALL		368355	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9271e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9271e-04
1692	ALL		368355	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9966e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9966e-04
1693	ALL		368355	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2474e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2474e-04
1694	ALL		368355	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6533e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6533e-04
1695	ALL		368355	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1892e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1892e-04
1696	ALL		368355	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8399e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8399e-04
1697	ALL		368355	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5251e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5251e-04
1698	ALL		368355	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2764e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2764e-04
1699	ALL		368355	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0606e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0606e-04
1700	ALL		368355	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8849e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8849e-04
1701	ALL		368355	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7498e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7498e-04
1702	ALL		368355	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5981e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5981e-04
1703	ALL		368355	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4802e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4802e-04
1704	ALL		368355	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3516e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3516e-04
1705	ALL		368380	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6807e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6807e-04
1706	ALL		368380	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7745e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7745e-04
1707	ALL		368380	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8828e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8828e-04
1708	ALL		368380	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9933e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9933e-04
1709	ALL		368380	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1132e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1132e-04
1710	ALL		368380	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2498e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2498e-04
1711	ALL		368380	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4007e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4007e-04
1712	ALL		368380	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5614e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5614e-04
1713	ALL		368380	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.749e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.749e-04
1714	ALL		368380	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9599e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9599e-04
1715	ALL		368380	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1873e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1873e-04
1716	ALL		368380	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4536e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4536e-04
1717	ALL		368380	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.765e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.765e-04
1718	ALL		368380	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1219e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1219e-04
1719	ALL		368380	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5631e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5631e-04
1720	ALL		368380	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0623e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0623e-04
1721	ALL		368380	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6737e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1745	ALL		368380	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7453e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7453e-03
1746	ALL		368380	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0767e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0767e-03
1747	ALL		368380	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6399e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6399e-03
1748	ALL		368380	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3331e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3331e-03
1749	ALL		368380	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0981e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0981e-03
1750	ALL		368380	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.0016e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.0016e-04
1751	ALL		368380	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.557e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.557e-04
1752	ALL		368380	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3188e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3188e-04
1753	ALL		368380	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.3238e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.3238e-04
1754	ALL		368380	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5263e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5263e-04
1755	ALL		368380	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9051e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9051e-04
1756	ALL		368380	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4321e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4321e-04
1757	ALL		368380	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0474e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0474e-04
1758	ALL		368380	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.729e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.729e-04
1759	ALL		368380	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4391e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4391e-04
1760	ALL		368380	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2039e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2039e-04
1761	ALL		368380	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.014e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.014e-04
1762	ALL		368380	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8456e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8456e-04
1763	ALL		368380	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6804e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6804e-04
1764	ALL		368380	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5349e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5349e-04
1765	ALL		368380	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4066e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4066e-04
1766	ALL		368405	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6788e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6788e-04
1767	ALL		368405	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7725e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7725e-04
1768	ALL		368405	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8814e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8814e-04
1769	ALL		368405	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9924e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9924e-04
1770	ALL		368405	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1135e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1135e-04
1771	ALL		368405	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2516e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2516e-04
1772	ALL		368405	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.408e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.408e-04
1773	ALL		368405	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5793e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5793e-04
1774	ALL		368405	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7632e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7632e-04
1775	ALL		368405	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.982e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.982e-04
1776	ALL		368405	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2219e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2219e-04
1777	ALL		368405	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5058e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5058e-04
1778	ALL		368405	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8414e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8414e-04
1779	ALL		368405	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2307e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2307e-04
1780	ALL		368405	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7163e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7163e-04
1781	ALL		368405	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2755e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2755e-04
1782	ALL		368405	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9741e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9741e-04
1783	ALL		368405	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.8044e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.8044e-04
1784	ALL		368405	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.786e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.786e-04
1785	ALL		368405	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.9245e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.9245e-04
1786	ALL		368405	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.9943e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.9943e-04
1787	ALL		368405	3858790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0972e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0972e-03
1788	ALL		368405	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1718e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1718e-03
1789	ALL		368405	3858840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2401e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2401e-03
1790	ALL		368405	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3073e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3073e-03
1791	ALL		368405	3858890	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3705e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3705e-03
1792	ALL		368405	3858915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4443e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4443e-03
1793	ALL		368405	3858940	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5225e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5225e-03
1794	ALL		368405	3858965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5909e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5909e-03
1795	ALL		368405	3858990	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.663e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.663e-03
1796	ALL		368405	3859015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7352e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7352e-03
1797	ALL		368405	3859040	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8037e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8037e-03
1798	ALL		368405	3859065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8859e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8859e-03
1799	ALL		368405	3859090	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.961e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.961e-03
1800	ALL		368405	3859115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0436e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0436e-03
1801	ALL		368405	3859140	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1225e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1225e-03
1802	ALL		368405	3859165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.205e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.205e-03
1803	ALL		368405	3859190	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3053e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3053e-03
1804	ALL		368405	3859215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4728e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4728e-03
1805	ALL		368405	3859240	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8047e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8047e-03
1806	ALL		368405	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7085e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7085e-03
1807	ALL		368405	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0517e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0517e-03
1808	ALL		368405	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6539e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6539e-03
1809	ALL		368405	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3669e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3669e-03
1810	ALL		368405	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.138e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.138e-03
1811	ALL		368405	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.4138e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.4138e-04
1812	ALL		368405	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.9574e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.9574e-04
1813	ALL		368405	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.6877e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.6877e-04
1814	ALL		368405	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6528e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6528e-04
1815	ALL		368405	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8426e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8426e-04
1816	ALL		368405	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1912e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1912e-04
1817	ALL		368405	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6492e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6492e-04
1818	ALL		368405	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2344e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2344e-04
1819	ALL		368405	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8895e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8895e-04
1820	ALL		368405	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5753e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5753e-04
1821	ALL		368405	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3195e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3195e-04
1822	ALL		368405	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1117e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1117e-04
1823	ALL		368405	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9276e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9276e-04
1824	ALL		368405	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7489e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7489e-04
1825	ALL		368405	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5923e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5923e-04
1826	ALL		368405	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4552e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4552e-04
1827	ALL		368430	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6724e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6724e-04
1828	ALL		368430	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7649e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7649e-04
1829	ALL		368430	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8679e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8679e-04
1830	ALL		368430	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9837e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1854	ALL		368430	3858940	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7754e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7754e-03
1855	ALL		368430	3858965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.833e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.833e-03
1856	ALL		368430	3858990	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8947e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8947e-03
1857	ALL		368430	3859015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9552e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9552e-03
1858	ALL		368430	3859040	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0058e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0058e-03
1859	ALL		368430	3859065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0719e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0719e-03
1860	ALL		368430	3859090	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1241e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1241e-03
1861	ALL		368430	3859115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1875e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1875e-03
1862	ALL		368430	3859140	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2493e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2493e-03
1863	ALL		368430	3859165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.31e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.31e-03
1864	ALL		368430	3859190	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3852e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3852e-03
1865	ALL		368430	3859215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5082e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5082e-03
1866	ALL		368430	3859240	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8261e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8261e-03
1867	ALL		368430	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6794e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6794e-03
1868	ALL		368430	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0454e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0454e-03
1869	ALL		368430	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6697e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6697e-03
1870	ALL		368430	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3908e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3908e-03
1871	ALL		368430	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1588e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1588e-03
1872	ALL		368430	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.7854e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.7854e-04
1873	ALL		368430	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.2628e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.2628e-04
1874	ALL		368430	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.0381e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.0381e-04
1875	ALL		368430	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9854e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9854e-04
1876	ALL		368430	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1471e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1471e-04
1877	ALL		368430	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4645e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4645e-04
1878	ALL		368430	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8834e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8834e-04
1879	ALL		368430	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4386e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4386e-04
1880	ALL		368430	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.066e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.066e-04
1881	ALL		368430	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7256e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7256e-04
1882	ALL		368430	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4466e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4466e-04
1883	ALL		368430	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2191e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2191e-04
1884	ALL		368430	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0178e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0178e-04
1885	ALL		368430	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8246e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8246e-04
1886	ALL		368430	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6563e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6563e-04
1887	ALL		368430	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5098e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5098e-04
1888	ALL		368455	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6614e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6614e-04
1889	ALL		368455	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7532e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7532e-04
1890	ALL		368455	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8568e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8568e-04
1891	ALL		368455	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9702e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9702e-04
1892	ALL		368455	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0915e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0915e-04
1893	ALL		368455	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.23e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.23e-04
1894	ALL		368455	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3873e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3873e-04
1895	ALL		368455	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5611e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5611e-04
1896	ALL		368455	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7585e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7585e-04
1897	ALL		368455	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.993e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.993e-04
1898	ALL		368455	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2557e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2557e-04
1899	ALL		368455	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5721e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5721e-04
1900	ALL		368455	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9523e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9523e-04
1901	ALL		368455	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4027e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4027e-04
1902	ALL		368455	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9767e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9767e-04
1903	ALL		368455	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6648e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6648e-04
1904	ALL		368455	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.5716e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.5716e-04
1905	ALL		368455	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.7499e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.7499e-04
1906	ALL		368455	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.3397e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.3397e-04
1907	ALL		368455	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1659e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1659e-03
1908	ALL		368455	3858840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9708e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9708e-03
1909	ALL		368455	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0485e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0485e-03
1910	ALL		368455	3858890	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.108e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.108e-03
1911	ALL		368455	3858915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1836e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1836e-03
1912	ALL		368455	3858940	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2583e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2583e-03
1913	ALL		368455	3858965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3043e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3043e-03
1914	ALL		368455	3858990	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3595e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3595e-03
1915	ALL		368455	3859015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4144e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4144e-03
1916	ALL		368455	3859040	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4485e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4485e-03
1917	ALL		368455	3859065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5124e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5124e-03
1918	ALL		368455	3859090	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5403e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5403e-03
1919	ALL		368455	3859115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5914e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5914e-03
1920	ALL		368455	3859140	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6391e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6391e-03
1921	ALL		368455	3859165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6666e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6666e-03
1922	ALL		368455	3859190	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7069e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7069e-03
1923	ALL		368455	3859215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7615e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7615e-03
1924	ALL		368455	3859240	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0133e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0133e-03
1925	ALL		368455	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6299e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6299e-03
1926	ALL		368455	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0473e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0473e-03
1927	ALL		368455	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6901e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6901e-03
1928	ALL		368455	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4094e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4094e-03
1929	ALL		368455	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1919e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1919e-03
1930	ALL		368455	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0169e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0169e-03
1931	ALL		368455	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.6078e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.6078e-04
1932	ALL		368455	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.398e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.398e-04
1933	ALL		368455	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3235e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3235e-04
1934	ALL		368455	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4563e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4563e-04
1935	ALL		368455	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7453e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7453e-04
1936	ALL		368455	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1324e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1324e-04
1937	ALL		368455	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6579e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6579e-04
1938	ALL		368455	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2563e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2563e-04
1939	ALL		368455	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8873e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1963	ALL		368480	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.1341e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.1341e-04
1964	ALL		368480	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0041e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0041e-03
1965	ALL		368480	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.315e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.315e-03
1966	ALL		368480	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6309e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6309e-03
1967	ALL		368480	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0701e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0701e-03
1968	ALL		368480	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7238e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7238e-03
1969	ALL		368480	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4498e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4498e-03
1970	ALL		368480	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2358e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2358e-03
1971	ALL		368480	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0608e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0608e-03
1972	ALL		368480	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.0152e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.0152e-04
1973	ALL		368480	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.7752e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.7752e-04
1974	ALL		368480	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.6661e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.6661e-04
1975	ALL		368480	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.771e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.771e-04
1976	ALL		368480	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0411e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0411e-04
1977	ALL		368480	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4093e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4093e-04
1978	ALL		368480	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8856e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8856e-04
1979	ALL		368480	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.453e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.453e-04
1980	ALL		368480	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.054e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.054e-04
1981	ALL		368480	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7243e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7243e-04
1982	ALL		368480	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4546e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4546e-04
1983	ALL		368480	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2182e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2182e-04
1984	ALL		368480	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9951e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9951e-04
1985	ALL		368480	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8024e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8024e-04
1986	ALL		368480	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6358e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6358e-04
1987	ALL		368505	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6262e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6262e-04
1988	ALL		368505	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7144e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7144e-04
1989	ALL		368505	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8122e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8122e-04
1990	ALL		368505	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9324e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9324e-04
1991	ALL		368505	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0536e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0536e-04
1992	ALL		368505	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1848e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1848e-04
1993	ALL		368505	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3331e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3331e-04
1994	ALL		368505	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5049e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5049e-04
1995	ALL		368505	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7097e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7097e-04
1996	ALL		368505	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9491e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9491e-04
1997	ALL		368505	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2253e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2253e-04
1998	ALL		368505	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5608e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5608e-04
1999	ALL		368505	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9663e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9663e-04
2000	ALL		368505	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4529e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4529e-04
2001	ALL		368505	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0828e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0828e-04
2002	ALL		368505	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8589e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8589e-04
2003	ALL		368505	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.912e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.912e-04
2004	ALL		368505	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.3674e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.3674e-04
2005	ALL		368505	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0501e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0501e-03
2006	ALL		368505	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4078e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4078e-03
2007	ALL		368505	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7192e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7192e-03
2008	ALL		368505	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1347e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1347e-03
2009	ALL		368505	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7846e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7846e-03
2010	ALL		368505	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5105e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5105e-03
2011	ALL		368505	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2959e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2959e-03
2012	ALL		368505	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1166e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1166e-03
2013	ALL		368505	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.4815e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.4815e-04
2014	ALL		368505	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.1722e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.1722e-04
2015	ALL		368505	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.0225e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.0225e-04
2016	ALL		368505	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.093e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.093e-04
2017	ALL		368505	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.3423e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.3423e-04
2018	ALL		368505	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7005e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7005e-04
2019	ALL		368505	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1092e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1092e-04
2020	ALL		368505	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6449e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6449e-04
2021	ALL		368505	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.218e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.218e-04
2022	ALL		368505	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8654e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8654e-04
2023	ALL		368505	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5747e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5747e-04
2024	ALL		368505	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.319e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.319e-04
2025	ALL		368505	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.087e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.087e-04
2026	ALL		368505	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8828e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8828e-04
2027	ALL		368505	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.706e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.706e-04
2028	ALL		368530	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6032e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6032e-04
2029	ALL		368530	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6908e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6908e-04
2030	ALL		368530	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7927e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7927e-04
2031	ALL		368530	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9049e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9049e-04
2032	ALL		368530	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0227e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0227e-04
2033	ALL		368530	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1521e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1521e-04
2034	ALL		368530	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3022e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3022e-04
2035	ALL		368530	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4792e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4792e-04
2036	ALL		368530	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6748e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6748e-04
2037	ALL		368530	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9034e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9034e-04
2038	ALL		368530	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1856e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1856e-04
2039	ALL		368530	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5278e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5278e-04
2040	ALL		368530	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9357e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9357e-04
2041	ALL		368530	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4268e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4268e-04
2042	ALL		368530	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0651e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0651e-04
2043	ALL		368530	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8563e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8563e-04
2044	ALL		368530	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9065e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9065e-04
2045	ALL		368530	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.4076e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.4076e-04
2046	ALL		368530	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0673e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0673e-03
2047	ALL		368530	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4474e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4474e-03
2048	ALL		368530	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8234e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2072	ALL		368555	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8654e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8654e-04
2073	ALL		368555	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9865e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9865e-04
2074	ALL		368555	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1174e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1174e-04
2075	ALL		368555	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2627e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2627e-04
2076	ALL		368555	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4319e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4319e-04
2077	ALL		368555	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6353e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6353e-04
2078	ALL		368555	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8626e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8626e-04
2079	ALL		368555	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1425e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1425e-04
2080	ALL		368555	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4811e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4811e-04
2081	ALL		368555	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8843e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8843e-04
2082	ALL		368555	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3691e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3691e-04
2083	ALL		368555	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0002e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0002e-04
2084	ALL		368555	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.7828e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.7828e-04
2085	ALL		368555	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.8233e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.8233e-04
2086	ALL		368555	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.3142e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.3142e-04
2087	ALL		368555	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0582e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0582e-03
2088	ALL		368555	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4506e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4506e-03
2089	ALL		368555	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0466e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0466e-03
2090	ALL		368555	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4541e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4541e-03
2091	ALL		368555	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1005e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1005e-03
2092	ALL		368555	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8052e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8052e-03
2093	ALL		368555	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5541e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5541e-03
2094	ALL		368555	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3214e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3214e-03
2095	ALL		368555	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1045e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1045e-03
2096	ALL		368555	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.174e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.174e-04
2097	ALL		368555	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.7515e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.7515e-04
2098	ALL		368555	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.7078e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.7078e-04
2099	ALL		368555	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8721e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8721e-04
2100	ALL		368555	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1557e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1557e-04
2101	ALL		368555	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5025e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5025e-04
2102	ALL		368555	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9561e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9561e-04
2103	ALL		368555	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5146e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5146e-04
2104	ALL		368555	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1456e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1456e-04
2105	ALL		368555	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8179e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8179e-04
2106	ALL		368555	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5186e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5186e-04
2107	ALL		368555	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2636e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2636e-04
2108	ALL		368555	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0601e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0601e-04
2109	ALL		368555	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8687e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8687e-04
2110	ALL		368580	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5522e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5522e-04
2111	ALL		368580	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6346e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6346e-04
2112	ALL		368580	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7248e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7248e-04
2113	ALL		368580	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8321e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8321e-04
2114	ALL		368580	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9475e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9475e-04
2115	ALL		368580	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0777e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0777e-04
2116	ALL		368580	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2248e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2248e-04
2117	ALL		368580	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3909e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3909e-04
2118	ALL		368580	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5933e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5933e-04
2119	ALL		368580	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8263e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8263e-04
2120	ALL		368580	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0965e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0965e-04
2121	ALL		368580	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4228e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4228e-04
2122	ALL		368580	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8149e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8149e-04
2123	ALL		368580	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2835e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2835e-04
2124	ALL		368580	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8918e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8918e-04
2125	ALL		368580	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6413e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6413e-04
2126	ALL		368580	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.634e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.634e-04
2127	ALL		368580	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.057e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.057e-04
2128	ALL		368580	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0253e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0253e-03
2129	ALL		368580	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4179e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4179e-03
2130	ALL		368580	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6236e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6236e-03
2131	ALL		368580	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3209e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3209e-03
2132	ALL		368580	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0051e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0051e-03
2133	ALL		368580	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.2262e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.2262e-04
2134	ALL		368580	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.0316e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.0316e-04
2135	ALL		368580	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.1094e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.1094e-04
2136	ALL		368580	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.3289e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.3289e-04
2137	ALL		368580	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6963e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6963e-04
2138	ALL		368580	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.129e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.129e-04
2139	ALL		368580	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.679e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.679e-04
2140	ALL		368580	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2854e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2854e-04
2141	ALL		368580	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9408e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9408e-04
2142	ALL		368580	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6467e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6467e-04
2143	ALL		368580	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3755e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3755e-04
2144	ALL		368580	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1474e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1474e-04
2145	ALL		368580	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9559e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9559e-04
2146	ALL		368605	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5262e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5262e-04
2147	ALL		368605	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6066e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6066e-04
2148	ALL		368605	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6949e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6949e-04
2149	ALL		368605	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8005e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8005e-04
2150	ALL		368605	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9118e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9118e-04
2151	ALL		368605	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0377e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0377e-04
2152	ALL		368605	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.183e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.183e-04
2153	ALL		368605	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3507e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3507e-04
2154	ALL		368605	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5495e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5495e-04
2155	ALL		368605	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7743e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7743e-04
2156	ALL		368605	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0381e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0381e-04
2157	ALL		368605	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3498e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2181	ALL		368630	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6661e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6661e-04
2182	ALL		368630	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7699e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7699e-04
2183	ALL		368630	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8793e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8793e-04
2184	ALL		368630	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0005e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0005e-04
2185	ALL		368630	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1419e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1419e-04
2186	ALL		368630	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3105e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3105e-04
2187	ALL		368630	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5047e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5047e-04
2188	ALL		368630	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7165e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7165e-04
2189	ALL		368630	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9739e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9739e-04
2190	ALL		368630	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2739e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2739e-04
2191	ALL		368630	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6257e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6257e-04
2192	ALL		368630	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0485e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0485e-04
2193	ALL		368630	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5491e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5491e-04
2194	ALL		368630	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2026e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2026e-04
2195	ALL		368630	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.03e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.03e-04
2196	ALL		368630	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.1677e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.1677e-04
2197	ALL		368630	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.8988e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.8988e-04
2198	ALL		368630	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.208e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.208e-03
2199	ALL		368630	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0204e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0204e-03
2200	ALL		368630	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.9445e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.9445e-04
2201	ALL		368630	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.6741e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.6741e-04
2202	ALL		368630	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8133e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8133e-04
2203	ALL		368630	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1111e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1111e-04
2204	ALL		368630	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5145e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5145e-04
2205	ALL		368630	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0194e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0194e-04
2206	ALL		368630	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5896e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5896e-04
2207	ALL		368630	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2164e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2164e-04
2208	ALL		368630	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8942e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8942e-04
2209	ALL		368630	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5966e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5966e-04
2210	ALL		368630	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3465e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3465e-04
2211	ALL		368630	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1412e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1412e-04
2212	ALL		368655	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4765e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4765e-04
2213	ALL		368655	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5534e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5534e-04
2214	ALL		368655	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6383e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6383e-04
2215	ALL		368655	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7402e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7402e-04
2216	ALL		368655	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8478e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8478e-04
2217	ALL		368655	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9668e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9668e-04
2218	ALL		368655	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1052e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1052e-04
2219	ALL		368655	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2702e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2702e-04
2220	ALL		368655	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4594e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4594e-04
2221	ALL		368655	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6637e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6637e-04
2222	ALL		368655	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9109e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9109e-04
2223	ALL		368655	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2025e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2025e-04
2224	ALL		368655	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5375e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5375e-04
2225	ALL		368655	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9198e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9198e-04
2226	ALL		368655	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3805e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3805e-04
2227	ALL		368655	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9607e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9607e-04
2228	ALL		368655	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.7024e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.7024e-04
2229	ALL		368655	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.6685e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.6685e-04
2230	ALL		368655	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.0418e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.0418e-04
2231	ALL		368655	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.033e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.033e-03
2232	ALL		368655	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1849e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1849e-03
2233	ALL		368655	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.7042e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.7042e-04
2234	ALL		368655	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.0709e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.0709e-04
2235	ALL		368655	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.0696e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.0696e-04
2236	ALL		368655	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2672e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2672e-04
2237	ALL		368655	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6784e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6784e-04
2238	ALL		368655	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1464e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1464e-04
2239	ALL		368655	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7073e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7073e-04
2240	ALL		368655	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3297e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3297e-04
2241	ALL		368655	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9788e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9788e-04
2242	ALL		368655	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6729e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6729e-04
2243	ALL		368655	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4339e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4339e-04
2244	ALL		368655	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2204e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2204e-04
2245	ALL		368680	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4529e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4529e-04
2246	ALL		368680	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.528e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.528e-04
2247	ALL		368680	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6109e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6109e-04
2248	ALL		368680	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.711e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.711e-04
2249	ALL		368680	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8166e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8166e-04
2250	ALL		368680	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9331e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9331e-04
2251	ALL		368680	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0686e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0686e-04
2252	ALL		368680	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2293e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2293e-04
2253	ALL		368680	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4129e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4129e-04
2254	ALL		368680	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6096e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6096e-04
2255	ALL		368680	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.846e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.846e-04
2256	ALL		368680	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1225e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1225e-04
2257	ALL		368680	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4363e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4363e-04
2258	ALL		368680	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7914e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7914e-04
2259	ALL		368680	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2313e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2313e-04
2260	ALL		368680	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7318e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7318e-04
2261	ALL		368680	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.3777e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.3777e-04
2262	ALL		368680	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.2012e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.2012e-04
2263	ALL		368680	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.3304e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.3304e-04
2264	ALL		368680	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.0718e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.0718e-04
2265	ALL		368680	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.206e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.206e-03
2266	ALL		368680	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8197e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2290	ALL		368705	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5527e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5527e-04
2291	ALL		368705	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7778e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7778e-04
2292	ALL		368705	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.039e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.039e-04
2293	ALL		368705	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3316e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3316e-04
2294	ALL		368705	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6583e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6583e-04
2295	ALL		368705	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0599e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0599e-04
2296	ALL		368705	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5106e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5106e-04
2297	ALL		368705	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0884e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0884e-04
2298	ALL		368705	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8152e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8152e-04
2299	ALL		368705	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.7968e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.7968e-04
2300	ALL		368705	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.2757e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.2757e-04
2301	ALL		368705	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0379e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0379e-03
2302	ALL		368705	3858790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3205e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3205e-03
2303	ALL		368705	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2622e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2622e-03
2304	ALL		368705	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9076e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9076e-03
2305	ALL		368705	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6142e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6142e-03
2306	ALL		368705	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4259e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4259e-03
2307	ALL		368705	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2608e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2608e-03
2308	ALL		368705	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0724e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0724e-03
2309	ALL		368705	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9075e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9075e-03
2310	ALL		368705	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6223e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6223e-03
2311	ALL		368705	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3186e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3186e-03
2312	ALL		368705	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0139e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0139e-03
2313	ALL		368705	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.9753e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.9753e-04
2314	ALL		368705	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.5867e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.5867e-04
2315	ALL		368705	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6735e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6735e-04
2316	ALL		368705	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9483e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9483e-04
2317	ALL		368705	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3972e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3972e-04
2318	ALL		368705	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9483e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9483e-04
2319	ALL		368705	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5504e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5504e-04
2320	ALL		368705	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1825e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1825e-04
2321	ALL		368705	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8608e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8608e-04
2322	ALL		368705	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6081e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6081e-04
2323	ALL		368705	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3638e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3638e-04
2324	ALL		368730	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4057e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4057e-04
2325	ALL		368730	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.477e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.477e-04
2326	ALL		368730	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5558e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5558e-04
2327	ALL		368730	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6514e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6514e-04
2328	ALL		368730	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.752e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.752e-04
2329	ALL		368730	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8679e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8679e-04
2330	ALL		368730	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9991e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9991e-04
2331	ALL		368730	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1415e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1415e-04
2332	ALL		368730	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3121e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3121e-04
2333	ALL		368730	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4916e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4916e-04
2334	ALL		368730	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7049e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7049e-04
2335	ALL		368730	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9505e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9505e-04
2336	ALL		368730	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.223e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.223e-04
2337	ALL		368730	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5245e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5245e-04
2338	ALL		368730	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8946e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8946e-04
2339	ALL		368730	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3274e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3274e-04
2340	ALL		368730	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8494e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8494e-04
2341	ALL		368730	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.5248e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.5248e-04
2342	ALL		368730	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.4417e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.4417e-04
2343	ALL		368730	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.7019e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.7019e-04
2344	ALL		368730	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.3239e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.3239e-04
2345	ALL		368730	3858790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.138e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.138e-03
2346	ALL		368730	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3798e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3798e-03
2347	ALL		368730	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0371e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0371e-03
2348	ALL		368730	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5757e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5757e-03
2349	ALL		368730	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2764e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2764e-03
2350	ALL		368730	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.098e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.098e-03
2351	ALL		368730	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9514e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9514e-03
2352	ALL		368730	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7915e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7915e-03
2353	ALL		368730	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6444e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6444e-03
2354	ALL		368730	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4435e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4435e-03
2355	ALL		368730	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2538e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2538e-03
2356	ALL		368730	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0344e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0344e-03
2357	ALL		368730	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.3559e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.3559e-04
2358	ALL		368730	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9012e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9012e-04
2359	ALL		368730	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9163e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9163e-04
2360	ALL		368730	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1207e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1207e-04
2361	ALL		368730	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5391e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5391e-04
2362	ALL		368730	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0546e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0546e-04
2363	ALL		368730	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6388e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6388e-04
2364	ALL		368730	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2851e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2851e-04
2365	ALL		368730	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9568e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9568e-04
2366	ALL		368730	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6777e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6777e-04
2367	ALL		368730	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4392e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4392e-04
2368	ALL		368755	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3815e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3815e-04
2369	ALL		368755	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4507e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4507e-04
2370	ALL		368755	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5272e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5272e-04
2371	ALL		368755	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6202e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6202e-04
2372	ALL		368755	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7177e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7177e-04
2373	ALL		368755	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8299e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8299e-04
2374	ALL		368755	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9563e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9563e-04
2375	ALL		368755	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0928e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2399	ALL		368755	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3115e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3115e-03
2400	ALL		368755	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.173e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.173e-03
2401	ALL		368755	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0165e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0165e-03
2402	ALL		368755	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.5388e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.5388e-04
2403	ALL		368755	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.1684e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.1684e-04
2404	ALL		368755	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.1569e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.1569e-04
2405	ALL		368755	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.3129e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.3129e-04
2406	ALL		368755	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6934e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6934e-04
2407	ALL		368755	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1753e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1753e-04
2408	ALL		368755	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7403e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7403e-04
2409	ALL		368755	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3863e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3863e-04
2410	ALL		368755	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0502e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0502e-04
2411	ALL		368755	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7563e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7563e-04
2412	ALL		368755	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5183e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5183e-04
2413	ALL		368780	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3566e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3566e-04
2414	ALL		368780	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.424e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.424e-04
2415	ALL		368780	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5009e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5009e-04
2416	ALL		368780	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5886e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5886e-04
2417	ALL		368780	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6819e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6819e-04
2418	ALL		368780	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7901e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7901e-04
2419	ALL		368780	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9115e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9115e-04
2420	ALL		368780	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0418e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0418e-04
2421	ALL		368780	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1972e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1972e-04
2422	ALL		368780	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3627e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3627e-04
2423	ALL		368780	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.55e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.55e-04
2424	ALL		368780	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7645e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7645e-04
2425	ALL		368780	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0033e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0033e-04
2426	ALL		368780	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2671e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2671e-04
2427	ALL		368780	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5949e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5949e-04
2428	ALL		368780	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9916e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9916e-04
2429	ALL		368780	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4631e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4631e-04
2430	ALL		368780	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0803e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0803e-04
2431	ALL		368780	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8792e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8792e-04
2432	ALL		368780	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.8461e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.8461e-04
2433	ALL		368780	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.0143e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.0143e-04
2434	ALL		368780	3858790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.3923e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.3923e-04
2435	ALL		368780	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0978e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0978e-03
2436	ALL		368780	3858840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2982e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2982e-03
2437	ALL		368780	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.55e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.55e-03
2438	ALL		368780	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9197e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9197e-03
2439	ALL		368780	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3221e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3221e-03
2440	ALL		368780	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9593e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9593e-03
2441	ALL		368780	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7517e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7517e-03
2442	ALL		368780	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6006e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6006e-03
2443	ALL		368780	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4599e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4599e-03
2444	ALL		368780	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.343e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.343e-03
2445	ALL		368780	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2129e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2129e-03
2446	ALL		368780	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1013e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1013e-03
2447	ALL		368780	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.814e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.814e-04
2448	ALL		368780	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.5216e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.5216e-04
2449	ALL		368780	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.3225e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.3225e-04
2450	ALL		368780	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.355e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.355e-04
2451	ALL		368780	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4983e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4983e-04
2452	ALL		368780	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8516e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8516e-04
2453	ALL		368780	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3082e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3082e-04
2454	ALL		368780	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8541e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8541e-04
2455	ALL		368780	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4867e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4867e-04
2456	ALL		368780	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1411e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1411e-04
2457	ALL		368780	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.851e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.851e-04
2458	ALL		368780	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6017e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6017e-04
2459	ALL		368805	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3309e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3309e-04
2460	ALL		368805	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.397e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.397e-04
2461	ALL		368805	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4765e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4765e-04
2462	ALL		368805	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5567e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5567e-04
2463	ALL		368805	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6452e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6452e-04
2464	ALL		368805	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7492e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7492e-04
2465	ALL		368805	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8654e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8654e-04
2466	ALL		368805	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9893e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9893e-04
2467	ALL		368805	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1369e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1369e-04
2468	ALL		368805	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3016e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3016e-04
2469	ALL		368805	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4737e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4737e-04
2470	ALL		368805	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6715e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6715e-04
2471	ALL		368805	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.897e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.897e-04
2472	ALL		368805	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1478e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1478e-04
2473	ALL		368805	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.463e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.463e-04
2474	ALL		368805	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8476e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8476e-04
2475	ALL		368805	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3052e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3052e-04
2476	ALL		368805	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8939e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8939e-04
2477	ALL		368805	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6306e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6306e-04
2478	ALL		368805	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.4992e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.4992e-04
2479	ALL		368805	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.5664e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.5664e-04
2480	ALL		368805	3858790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.735e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.735e-04
2481	ALL		368805	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0104e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0104e-03
2482	ALL		368805	3858840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1847e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1847e-03
2483	ALL		368805	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4082e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4082e-03
2484	ALL		368805	3858890	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6969e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2508	ALL		368830	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4458e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4458e-04
2509	ALL		368830	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5231e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5231e-04
2510	ALL		368830	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6083e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6083e-04
2511	ALL		368830	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7078e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7078e-04
2512	ALL		368830	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.819e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.819e-04
2513	ALL		368830	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9368e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9368e-04
2514	ALL		368830	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0765e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0765e-04
2515	ALL		368830	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2321e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2321e-04
2516	ALL		368830	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.394e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.394e-04
2517	ALL		368830	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.581e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.581e-04
2518	ALL		368830	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7954e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7954e-04
2519	ALL		368830	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0363e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0363e-04
2520	ALL		368830	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3421e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3421e-04
2521	ALL		368830	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7162e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7162e-04
2522	ALL		368830	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1587e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1587e-04
2523	ALL		368830	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7155e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7155e-04
2524	ALL		368830	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.3936e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.3936e-04
2525	ALL		368830	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.1757e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.1757e-04
2526	ALL		368830	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.1264e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.1264e-04
2527	ALL		368830	3858790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.1681e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.1681e-04
2528	ALL		368830	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.3864e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.3864e-04
2529	ALL		368830	3858840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0935e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0935e-03
2530	ALL		368830	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2944e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2944e-03
2531	ALL		368830	3858890	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5613e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5613e-03
2532	ALL		368830	3858915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9789e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9789e-03
2533	ALL		368830	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8242e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8242e-03
2534	ALL		368830	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2249e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2249e-03
2535	ALL		368830	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8723e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8723e-03
2536	ALL		368830	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6177e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6177e-03
2537	ALL		368830	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4331e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4331e-03
2538	ALL		368830	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2917e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2917e-03
2539	ALL		368830	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1848e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1848e-03
2540	ALL		368830	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0785e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0785e-03
2541	ALL		368830	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.9192e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.9192e-04
2542	ALL		368830	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.0632e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.0632e-04
2543	ALL		368830	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.1731e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.1731e-04
2544	ALL		368830	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.3059e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.3059e-04
2545	ALL		368830	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.5329e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.5329e-04
2546	ALL		368830	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.7587e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.7587e-04
2547	ALL		368830	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1238e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1238e-04
2548	ALL		368830	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5627e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5627e-04
2549	ALL		368830	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0824e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0824e-04
2550	ALL		368830	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6904e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6904e-04
2551	ALL		368830	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3234e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3234e-04
2552	ALL		368830	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0356e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0356e-04
2553	ALL		368830	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7613e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7613e-04
2554	ALL		368855	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2782e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2782e-04
2555	ALL		368855	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3402e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3402e-04
2556	ALL		368855	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4149e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4149e-04
2557	ALL		368855	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4894e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4894e-04
2558	ALL		368855	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5712e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5712e-04
2559	ALL		368855	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6667e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6667e-04
2560	ALL		368855	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7758e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7758e-04
2561	ALL		368855	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8941e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8941e-04
2562	ALL		368855	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0171e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0171e-04
2563	ALL		368855	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1636e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1636e-04
2564	ALL		368855	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3165e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3165e-04
2565	ALL		368855	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4942e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4942e-04
2566	ALL		368855	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6998e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6998e-04
2567	ALL		368855	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9328e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9328e-04
2568	ALL		368855	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2306e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2306e-04
2569	ALL		368855	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5739e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5739e-04
2570	ALL		368855	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0076e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0076e-04
2571	ALL		368855	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5399e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5399e-04
2572	ALL		368855	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1633e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1633e-04
2573	ALL		368855	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8653e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8653e-04
2574	ALL		368855	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.6773e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.6773e-04
2575	ALL		368855	3858790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.6543e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.6543e-04
2576	ALL		368855	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.7639e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.7639e-04
2577	ALL		368855	3858840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0161e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0161e-03
2578	ALL		368855	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1986e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1986e-03
2579	ALL		368855	3858890	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4443e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4443e-03
2580	ALL		368855	3858915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8303e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8303e-03
2581	ALL		368855	3858940	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4761e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4761e-03
2582	ALL		368855	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7821e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7821e-03
2583	ALL		368855	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.191e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.191e-03
2584	ALL		368855	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8358e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8358e-03
2585	ALL		368855	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5749e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5749e-03
2586	ALL		368855	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3844e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3844e-03
2587	ALL		368855	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2401e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2401e-03
2588	ALL		368855	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1334e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1334e-03
2589	ALL		368855	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0317e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0317e-03
2590	ALL		368855	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.5071e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.5071e-04
2591	ALL		368855	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.7329e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.7329e-04
2592	ALL		368855	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.9507e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.9507e-04
2593	ALL		368855	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.1977e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2617	ALL		368880	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1259e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1259e-04
2618	ALL		368880	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4537e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4537e-04
2619	ALL		368880	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8664e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8664e-04
2620	ALL		368880	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3642e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3642e-04
2621	ALL		368880	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9366e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9366e-04
2622	ALL		368880	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.5733e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.5733e-04
2623	ALL		368880	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3012e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3012e-04
2624	ALL		368880	3858790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.1931e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.1931e-04
2625	ALL		368880	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.2033e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.2033e-04
2626	ALL		368880	3858840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.4775e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.4775e-04
2627	ALL		368880	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1154e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1154e-03
2628	ALL		368880	3858890	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.343e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.343e-03
2629	ALL		368880	3858915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7006e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7006e-03
2630	ALL		368880	3858940	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.279e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.279e-03
2631	ALL		368880	3859165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.134e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.134e-03
2632	ALL		368880	3859190	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1894e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1894e-03
2633	ALL		368880	3859215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4219e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4219e-03
2634	ALL		368880	3859240	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9366e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9366e-03
2635	ALL		368880	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7353e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7353e-03
2636	ALL		368880	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1578e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1578e-03
2637	ALL		368880	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7946e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7946e-03
2638	ALL		368880	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5339e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5339e-03
2639	ALL		368880	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3483e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3483e-03
2640	ALL		368880	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2016e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2016e-03
2641	ALL		368880	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.094e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.094e-03
2642	ALL		368880	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.945e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.945e-04
2643	ALL		368880	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.1175e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.1175e-04
2644	ALL		368880	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.4069e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.4069e-04
2645	ALL		368880	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.735e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.735e-04
2646	ALL		368880	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.0647e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.0647e-04
2647	ALL		368880	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.4662e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.4662e-04
2648	ALL		368880	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8267e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8267e-04
2649	ALL		368880	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.27e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.27e-04
2650	ALL		368880	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7454e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7454e-04
2651	ALL		368880	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2746e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2746e-04
2652	ALL		368880	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8781e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8781e-04
2653	ALL		368880	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5004e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5004e-04
2654	ALL		368880	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2004e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2004e-04
2655	ALL		368880	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9136e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9136e-04
2656	ALL		368905	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2258e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2258e-04
2657	ALL		368905	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2837e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2837e-04
2658	ALL		368905	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3537e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3537e-04
2659	ALL		368905	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4226e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4226e-04
2660	ALL		368905	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5012e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5012e-04
2661	ALL		368905	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5877e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5877e-04
2662	ALL		368905	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6823e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6823e-04
2663	ALL		368905	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7859e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7859e-04
2664	ALL		368905	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8994e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8994e-04
2665	ALL		368905	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0314e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0314e-04
2666	ALL		368905	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.17e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.17e-04
2667	ALL		368905	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3335e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3335e-04
2668	ALL		368905	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.526e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.526e-04
2669	ALL		368905	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7461e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7461e-04
2670	ALL		368905	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0258e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0258e-04
2671	ALL		368905	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3385e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3385e-04
2672	ALL		368905	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7264e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7264e-04
2673	ALL		368905	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.179e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.179e-04
2674	ALL		368905	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6969e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6969e-04
2675	ALL		368905	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2895e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2895e-04
2676	ALL		368905	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.949e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.949e-04
2677	ALL		368905	3858790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.76e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.76e-04
2678	ALL		368905	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.6822e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.6822e-04
2679	ALL		368905	3858840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.8537e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.8537e-04
2680	ALL		368905	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0408e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0408e-03
2681	ALL		368905	3858890	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2544e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2544e-03
2682	ALL		368905	3858915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5952e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5952e-03
2683	ALL		368905	3858940	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1489e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1489e-03
2684	ALL		368905	3859165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2212e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2212e-03
2685	ALL		368905	3859190	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1514e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1514e-03
2686	ALL		368905	3859215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3802e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3802e-03
2687	ALL		368905	3859240	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0297e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0297e-03
2688	ALL		368905	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6853e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6853e-03
2689	ALL		368905	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1239e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1239e-03
2690	ALL		368905	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7499e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7499e-03
2691	ALL		368905	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.504e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.504e-03
2692	ALL		368905	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3205e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3205e-03
2693	ALL		368905	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1725e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1725e-03
2694	ALL		368905	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0639e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0639e-03
2695	ALL		368905	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.6538e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.6538e-04
2696	ALL		368905	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.8598e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.8598e-04
2697	ALL		368905	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.1775e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.1775e-04
2698	ALL		368905	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.5397e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.5397e-04
2699	ALL		368905	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9277e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9277e-04
2700	ALL		368905	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3893e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3893e-04
2701	ALL		368905	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8084e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8084e-04
2702	ALL		368905	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2959e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2726	ALL		368930	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9998e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9998e-04
2727	ALL		368930	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4705e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4705e-04
2728	ALL		368930	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0105e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0105e-04
2729	ALL		368930	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6065e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6065e-04
2730	ALL		368930	3858790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.343e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.343e-04
2731	ALL		368930	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.1855e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.1855e-04
2732	ALL		368930	3858840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.2651e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.2651e-04
2733	ALL		368930	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.7125e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.7125e-04
2734	ALL		368930	3858890	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1729e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1729e-03
2735	ALL		368930	3858915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4987e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4987e-03
2736	ALL		368930	3858940	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.028e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.028e-03
2737	ALL		368930	3859165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7783e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7783e-03
2738	ALL		368930	3859190	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5925e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5925e-03
2739	ALL		368930	3859215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7854e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7854e-03
2740	ALL		368930	3859240	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5125e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5125e-03
2741	ALL		368930	3859340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5397e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5397e-03
2742	ALL		368930	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6293e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6293e-03
2743	ALL		368930	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0874e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0874e-03
2744	ALL		368930	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7395e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7395e-03
2745	ALL		368930	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4842e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4842e-03
2746	ALL		368930	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2978e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2978e-03
2747	ALL		368930	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1499e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1499e-03
2748	ALL		368930	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0408e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0408e-03
2749	ALL		368930	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.4283e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.4283e-04
2750	ALL		368930	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.6739e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.6739e-04
2751	ALL		368930	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.0007e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.0007e-04
2752	ALL		368930	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.3791e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.3791e-04
2753	ALL		368930	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.8221e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.8221e-04
2754	ALL		368930	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3046e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3046e-04
2755	ALL		368930	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.7707e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.7707e-04
2756	ALL		368930	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2986e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2986e-04
2757	ALL		368930	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8344e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8344e-04
2758	ALL		368930	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4015e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4015e-04
2759	ALL		368930	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.023e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.023e-04
2760	ALL		368930	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6512e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6512e-04
2761	ALL		368930	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3496e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3496e-04
2762	ALL		368930	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0576e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0576e-04
2763	ALL		368955	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1745e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1745e-04
2764	ALL		368955	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2284e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2284e-04
2765	ALL		368955	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2932e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2932e-04
2766	ALL		368955	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.356e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.356e-04
2767	ALL		368955	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4302e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4302e-04
2768	ALL		368955	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5079e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5079e-04
2769	ALL		368955	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5916e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5916e-04
2770	ALL		368955	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6881e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6881e-04
2771	ALL		368955	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7856e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7856e-04
2772	ALL		368955	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9065e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9065e-04
2773	ALL		368955	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.035e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.035e-04
2774	ALL		368955	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1888e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1888e-04
2775	ALL		368955	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3712e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3712e-04
2776	ALL		368955	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5788e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5788e-04
2777	ALL		368955	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8312e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8312e-04
2778	ALL		368955	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.108e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.108e-04
2779	ALL		368955	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4429e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4429e-04
2780	ALL		368955	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8324e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8324e-04
2781	ALL		368955	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2658e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2658e-04
2782	ALL		368955	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7367e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7367e-04
2783	ALL		368955	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2728e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2728e-04
2784	ALL		368955	3858790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9388e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9388e-04
2785	ALL		368955	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.7047e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.7047e-04
2786	ALL		368955	3858840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.6946e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.6946e-04
2787	ALL		368955	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.035e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.035e-04
2788	ALL		368955	3858890	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.092e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.092e-03
2789	ALL		368955	3858915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3987e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3987e-03
2790	ALL		368955	3858940	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9049e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9049e-03
2791	ALL		368955	3859165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4998e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4998e-03
2792	ALL		368955	3859190	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2514e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2514e-03
2793	ALL		368955	3859215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4032e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4032e-03
2794	ALL		368955	3859240	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.173e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.173e-03
2795	ALL		368955	3859340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4194e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4194e-03
2796	ALL		368955	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5625e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5625e-03
2797	ALL		368955	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0452e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0452e-03
2798	ALL		368955	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7175e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7175e-03
2799	ALL		368955	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4671e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4671e-03
2800	ALL		368955	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2775e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2775e-03
2801	ALL		368955	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1313e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1313e-03
2802	ALL		368955	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0225e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0225e-03
2803	ALL		368955	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.251e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.251e-04
2804	ALL		368955	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.5e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.5e-04
2805	ALL		368955	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.8366e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.8366e-04
2806	ALL		368955	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.2494e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.2494e-04
2807	ALL		368955	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.7426e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.7426e-04
2808	ALL		368955	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.2196e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.2196e-04
2809	ALL		368955	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.7318e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.7318e-04
2810	ALL		368955	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2881e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2881e-04
2811	ALL		368955	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8495e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2835	ALL		368980	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0468e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0468e-04
2836	ALL		368980	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4699e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4699e-04
2837	ALL		368980	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9498e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9498e-04
2838	ALL		368980	3858790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.5483e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.5483e-04
2839	ALL		368980	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.2382e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.2382e-04
2840	ALL		368980	3858840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.1344e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.1344e-04
2841	ALL		368980	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.3529e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.3529e-04
2842	ALL		368980	3858890	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.007e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.007e-03
2843	ALL		368980	3858915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2883e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2883e-03
2844	ALL		368980	3858940	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7658e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7658e-03
2845	ALL		368980	3859140	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.065e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.065e-03
2846	ALL		368980	3859165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2749e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2749e-03
2847	ALL		368980	3859190	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9959e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9959e-03
2848	ALL		368980	3859215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1213e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1213e-03
2849	ALL		368980	3859340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2808e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2808e-03
2850	ALL		368980	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4813e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4813e-03
2851	ALL		368980	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.994e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.994e-03
2852	ALL		368980	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6821e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6821e-03
2853	ALL		368980	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4418e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4418e-03
2854	ALL		368980	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2579e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2579e-03
2855	ALL		368980	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1149e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1149e-03
2856	ALL		368980	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0073e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0073e-03
2857	ALL		368980	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.1064e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.1064e-04
2858	ALL		368980	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.3582e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.3582e-04
2859	ALL		368980	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.7005e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.7005e-04
2860	ALL		368980	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.1239e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.1239e-04
2861	ALL		368980	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.6333e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.6333e-04
2862	ALL		368980	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.1347e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.1347e-04
2863	ALL		368980	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.7123e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.7123e-04
2864	ALL		368980	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.275e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.275e-04
2865	ALL		368980	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8477e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8477e-04
2866	ALL		368980	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4587e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4587e-04
2867	ALL		368980	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1107e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1107e-04
2868	ALL		368980	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7583e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7583e-04
2869	ALL		368980	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.466e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.466e-04
2870	ALL		368980	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1769e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1769e-04
2871	ALL		369005	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1245e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1245e-04
2872	ALL		369005	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1737e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1737e-04
2873	ALL		369005	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2329e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2329e-04
2874	ALL		369005	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2893e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2893e-04
2875	ALL		369005	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3563e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3563e-04
2876	ALL		369005	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.426e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.426e-04
2877	ALL		369005	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5014e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5014e-04
2878	ALL		369005	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5893e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5893e-04
2879	ALL		369005	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6789e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6789e-04
2880	ALL		369005	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7919e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7919e-04
2881	ALL		369005	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9129e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9129e-04
2882	ALL		369005	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0573e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0573e-04
2883	ALL		369005	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2263e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2263e-04
2884	ALL		369005	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4143e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4143e-04
2885	ALL		369005	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6389e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6389e-04
2886	ALL		369005	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.893e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.893e-04
2887	ALL		369005	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1675e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1675e-04
2888	ALL		369005	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4704e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4704e-04
2889	ALL		369005	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8155e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8155e-04
2890	ALL		369005	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2122e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2122e-04
2891	ALL		369005	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6403e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6403e-04
2892	ALL		369005	3858790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1752e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1752e-04
2893	ALL		369005	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.7902e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.7902e-04
2894	ALL		369005	3858840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.5872e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.5872e-04
2895	ALL		369005	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.6624e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.6624e-04
2896	ALL		369005	3858890	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.1626e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.1626e-04
2897	ALL		369005	3858915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1625e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1625e-03
2898	ALL		369005	3858940	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5921e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5921e-03
2899	ALL		369005	3859140	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8534e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8534e-03
2900	ALL		369005	3859165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0734e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0734e-03
2901	ALL		369005	3859190	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7748e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7748e-03
2902	ALL		369005	3859215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8661e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8661e-03
2903	ALL		369005	3859340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1255e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1255e-03
2904	ALL		369005	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3849e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3849e-03
2905	ALL		369005	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.932e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.932e-03
2906	ALL		369005	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6404e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6404e-03
2907	ALL		369005	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4136e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4136e-03
2908	ALL		369005	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2376e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2376e-03
2909	ALL		369005	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0989e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0989e-03
2910	ALL		369005	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.9332e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.9332e-04
2911	ALL		369005	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.9798e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.9798e-04
2912	ALL		369005	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.2361e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.2361e-04
2913	ALL		369005	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.5825e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.5825e-04
2914	ALL		369005	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.0127e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.0127e-04
2915	ALL		369005	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.5321e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.5321e-04
2916	ALL		369005	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.051e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.051e-04
2917	ALL		369005	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6101e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6101e-04
2918	ALL		369005	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2189e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2189e-04
2919	ALL		369005	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8313e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8313e-04
2920	ALL		369005	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4629e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2944	ALL		369030	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9711e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9711e-04
2945	ALL		369030	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3743e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3743e-04
2946	ALL		369030	3858790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8307e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8307e-04
2947	ALL		369030	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.3685e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.3685e-04
2948	ALL		369030	3858840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.0645e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.0645e-04
2949	ALL		369030	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.984e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.984e-04
2950	ALL		369030	3858890	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.2311e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.2311e-04
2951	ALL		369030	3858915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0226e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0226e-03
2952	ALL		369030	3858940	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3644e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3644e-03
2953	ALL		369030	3859140	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6183e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6183e-03
2954	ALL		369030	3859165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8695e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8695e-03
2955	ALL		369030	3859190	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5574e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5574e-03
2956	ALL		369030	3859215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5858e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5858e-03
2957	ALL		369030	3859340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9487e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9487e-03
2958	ALL		369030	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2729e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2729e-03
2959	ALL		369030	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8599e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8599e-03
2960	ALL		369030	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5919e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5919e-03
2961	ALL		369030	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3807e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3807e-03
2962	ALL		369030	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2142e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2142e-03
2963	ALL		369030	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0813e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0813e-03
2964	ALL		369030	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.7877e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.7877e-04
2965	ALL		369030	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.8549e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.8549e-04
2966	ALL		369030	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.12e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.12e-04
2967	ALL		369030	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.4728e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.4728e-04
2968	ALL		369030	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9093e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9093e-04
2969	ALL		369030	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.4363e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.4363e-04
2970	ALL		369030	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9682e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9682e-04
2971	ALL		369030	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.5369e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.5369e-04
2972	ALL		369030	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1678e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1678e-04
2973	ALL		369030	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8029e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8029e-04
2974	ALL		369030	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4535e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4535e-04
2975	ALL		369030	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1379e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1379e-04
2976	ALL		369030	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8117e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8117e-04
2977	ALL		369030	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5374e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5374e-04
2978	ALL		369030	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2602e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2602e-04
2979	ALL		369055	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0752e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0752e-04
2980	ALL		369055	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1199e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1199e-04
2981	ALL		369055	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1736e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1736e-04
2982	ALL		369055	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2244e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2244e-04
2983	ALL		369055	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.285e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.285e-04
2984	ALL		369055	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3485e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3485e-04
2985	ALL		369055	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.418e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.418e-04
2986	ALL		369055	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4999e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4999e-04
2987	ALL		369055	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5843e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5843e-04
2988	ALL		369055	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6912e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6912e-04
2989	ALL		369055	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8097e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8097e-04
2990	ALL		369055	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9432e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9432e-04
2991	ALL		369055	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0969e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0969e-04
2992	ALL		369055	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.272e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.272e-04
2993	ALL		369055	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4536e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4536e-04
2994	ALL		369055	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6712e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6712e-04
2995	ALL		369055	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8975e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8975e-04
2996	ALL		369055	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1536e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1536e-04
2997	ALL		369055	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4383e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4383e-04
2998	ALL		369055	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.744e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.744e-04
2999	ALL		369055	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1135e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1135e-04
3000	ALL		369055	3858790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5109e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5109e-04
3001	ALL		369055	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9811e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9811e-04
3002	ALL		369055	3858840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.5822e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.5822e-04
3003	ALL		369055	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3538e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3538e-04
3004	ALL		369055	3858890	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.3568e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.3568e-04
3005	ALL		369055	3858915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.8694e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.8694e-04
3006	ALL		369055	3858940	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1155e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1155e-03
3007	ALL		369055	3859140	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3126e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3126e-03
3008	ALL		369055	3859165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6497e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6497e-03
3009	ALL		369055	3859190	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3382e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3382e-03
3010	ALL		369055	3859215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2734e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2734e-03
3011	ALL		369055	3859340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7254e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7254e-03
3012	ALL		369055	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.142e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.142e-03
3013	ALL		369055	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7755e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7755e-03
3014	ALL		369055	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5338e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5338e-03
3015	ALL		369055	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3404e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3404e-03
3016	ALL		369055	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1875e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1875e-03
3017	ALL		369055	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.065e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.065e-03
3018	ALL		369055	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.6208e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.6208e-04
3019	ALL		369055	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.7186e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.7186e-04
3020	ALL		369055	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.001e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.001e-04
3021	ALL		369055	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.3652e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.3652e-04
3022	ALL		369055	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.8101e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.8101e-04
3023	ALL		369055	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3448e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3448e-04
3024	ALL		369055	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8878e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8878e-04
3025	ALL		369055	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4927e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4927e-04
3026	ALL		369055	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1244e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1244e-04
3027	ALL		369055	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7664e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7664e-04
3028	ALL		369055	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.434e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.434e-04
3029	ALL		369055	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1336e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
3053	ALL		369080	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8637e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8637e-04
3054	ALL		369080	3858790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2171e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2171e-04
3055	ALL		369080	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6298e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6298e-04
3056	ALL		369080	3858840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1482e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1482e-04
3057	ALL		369080	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.7957e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.7957e-04
3058	ALL		369080	3858890	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.6065e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.6065e-04
3059	ALL		369080	3858915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.7739e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.7739e-04
3060	ALL		369080	3858940	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.4348e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.4348e-04
3061	ALL		369080	3858965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2304e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2304e-03
3062	ALL		369080	3858990	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6471e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6471e-03
3063	ALL		369080	3859015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1044e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1044e-03
3064	ALL		369080	3859040	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4669e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4669e-03
3065	ALL		369080	3859065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7816e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7816e-03
3066	ALL		369080	3859090	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9326e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9326e-03
3067	ALL		369080	3859115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9806e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9806e-03
3068	ALL		369080	3859140	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7838e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7838e-03
3069	ALL		369080	3859165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3944e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3944e-03
3070	ALL		369080	3859190	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1276e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1276e-03
3071	ALL		369080	3859215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0202e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0202e-03
3072	ALL		369080	3859240	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0923e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0923e-03
3073	ALL		369080	3859265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3771e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3771e-03
3074	ALL		369080	3859290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6606e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6606e-03
3075	ALL		369080	3859315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6572e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6572e-03
3076	ALL		369080	3859340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3614e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3614e-03
3077	ALL		369080	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9805e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9805e-03
3078	ALL		369080	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6774e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6774e-03
3079	ALL		369080	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4668e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4668e-03
3080	ALL		369080	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2937e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2937e-03
3081	ALL		369080	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1557e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1557e-03
3082	ALL		369080	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0442e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0442e-03
3083	ALL		369080	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.4336e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.4336e-04
3084	ALL		369080	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.5708e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.5708e-04
3085	ALL		369080	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.8778e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.8778e-04
3086	ALL		369080	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.2587e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.2587e-04
3087	ALL		369080	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.7155e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.7155e-04
3088	ALL		369080	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.2586e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.2586e-04
3089	ALL		369080	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8121e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8121e-04
3090	ALL		369080	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4463e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4463e-04
3091	ALL		369080	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0788e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0788e-04
3092	ALL		369080	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7268e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7268e-04
3093	ALL		369080	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4089e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4089e-04
3094	ALL		369080	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1222e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1222e-04
3095	ALL		369080	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8225e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8225e-04
3096	ALL		369080	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5686e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5686e-04
3097	ALL		369080	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3082e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3082e-04
3098	ALL		369105	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0264e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0264e-04
3099	ALL		369105	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0668e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0668e-04
3100	ALL		369105	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1159e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1159e-04
3101	ALL		369105	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1622e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1622e-04
3102	ALL		369105	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2172e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2172e-04
3103	ALL		369105	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2765e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2765e-04
3104	ALL		369105	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3429e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3429e-04
3105	ALL		369105	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4206e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4206e-04
3106	ALL		369105	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5009e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5009e-04
3107	ALL		369105	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6016e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6016e-04
3108	ALL		369105	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7141e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7141e-04
3109	ALL		369105	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8352e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8352e-04
3110	ALL		369105	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9698e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9698e-04
3111	ALL		369105	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1222e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1222e-04
3112	ALL		369105	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2762e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2762e-04
3113	ALL		369105	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4592e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4592e-04
3114	ALL		369105	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6458e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6458e-04
3115	ALL		369105	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8556e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8556e-04
3116	ALL		369105	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0876e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0876e-04
3117	ALL		369105	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3338e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3338e-04
3118	ALL		369105	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6274e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6274e-04
3119	ALL		369105	3858790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9464e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9464e-04
3120	ALL		369105	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3113e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3113e-04
3121	ALL		369105	3858840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7614e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7614e-04
3122	ALL		369105	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.3139e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.3139e-04
3123	ALL		369105	3858890	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9941e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9941e-04
3124	ALL		369105	3858915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9646e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9646e-04
3125	ALL		369105	3858940	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.3122e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.3122e-04
3126	ALL		369105	3858965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0191e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0191e-03
3127	ALL		369105	3858990	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2565e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2565e-03
3128	ALL		369105	3859015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5444e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5444e-03
3129	ALL		369105	3859040	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8178e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8178e-03
3130	ALL		369105	3859065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0656e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0656e-03
3131	ALL		369105	3859090	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2058e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2058e-03
3132	ALL		369105	3859115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2656e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2656e-03
3133	ALL		369105	3859140	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2263e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2263e-03
3134	ALL		369105	3859165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0877e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0877e-03
3135	ALL		369105	3859190	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9241e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9241e-03
3136	ALL		369105	3859215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8326e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8326e-03
3137	ALL		369105	3859240	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8293e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8293e-03
3138	ALL		369105	3859265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8991e-03	0.0e+00	0.0e+00	0.0e+00	0.0e

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
3162	ALL		369105	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3233e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3233e-04
3163	ALL		369130	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.002e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.002e-04
3164	ALL		369130	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0406e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0406e-04
3165	ALL		369130	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0878e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0878e-04
3166	ALL		369130	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1323e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1323e-04
3167	ALL		369130	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.181e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.181e-04
3168	ALL		369130	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2391e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2391e-04
3169	ALL		369130	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3078e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3078e-04
3170	ALL		369130	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3837e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3837e-04
3171	ALL		369130	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4619e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4619e-04
3172	ALL		369130	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5592e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5592e-04
3173	ALL		369130	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.66e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.66e-04
3174	ALL		369130	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7752e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7752e-04
3175	ALL		369130	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9069e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9069e-04
3176	ALL		369130	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.048e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.048e-04
3177	ALL		369130	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1891e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1891e-04
3178	ALL		369130	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3564e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3564e-04
3179	ALL		369130	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.526e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.526e-04
3180	ALL		369130	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7163e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7163e-04
3181	ALL		369130	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9266e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9266e-04
3182	ALL		369130	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1463e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1463e-04
3183	ALL		369130	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3919e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3919e-04
3184	ALL		369130	3858790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6955e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6955e-04
3185	ALL		369130	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0246e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0246e-04
3186	ALL		369130	3858840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4219e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4219e-04
3187	ALL		369130	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9072e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9072e-04
3188	ALL		369130	3858890	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.506e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.506e-04
3189	ALL		369130	3858915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3549e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3549e-04
3190	ALL		369130	3858940	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.456e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.456e-04
3191	ALL		369130	3858965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.8187e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.8187e-04
3192	ALL		369130	3858990	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0407e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0407e-03
3193	ALL		369130	3859015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2236e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2236e-03
3194	ALL		369130	3859040	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4143e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4143e-03
3195	ALL		369130	3859065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6007e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6007e-03
3196	ALL		369130	3859090	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7216e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7216e-03
3197	ALL		369130	3859115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7925e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7925e-03
3198	ALL		369130	3859140	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8129e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8129e-03
3199	ALL		369130	3859165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7838e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7838e-03
3200	ALL		369130	3859190	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7182e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7182e-03
3201	ALL		369130	3859215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6639e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6639e-03
3202	ALL		369130	3859240	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6361e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6361e-03
3203	ALL		369130	3859265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6345e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6345e-03
3204	ALL		369130	3859290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.638e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.638e-03
3205	ALL		369130	3859315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6374e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6374e-03
3206	ALL		369130	3859340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6218e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6218e-03
3207	ALL		369130	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5508e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5508e-03
3208	ALL		369130	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4326e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4326e-03
3209	ALL		369130	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3085e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3085e-03
3210	ALL		369130	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.185e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.185e-03
3211	ALL		369130	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0775e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0775e-03
3212	ALL		369130	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.862e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.862e-04
3213	ALL		369130	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.0011e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.0011e-04
3214	ALL		369130	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.2994e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.2994e-04
3215	ALL		369130	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.6387e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.6387e-04
3216	ALL		369130	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.0442e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.0442e-04
3217	ALL		369130	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.5347e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.5347e-04
3218	ALL		369130	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.0998e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.0998e-04
3219	ALL		369130	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6756e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6756e-04
3220	ALL		369130	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.3272e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.3272e-04
3221	ALL		369130	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9802e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9802e-04
3222	ALL		369130	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6697e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6697e-04
3223	ALL		369130	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3811e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3811e-04
3224	ALL		369130	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0895e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0895e-04
3225	ALL		369130	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8129e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8129e-04
3226	ALL		369130	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5779e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5779e-04
3227	ALL		369130	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3345e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3345e-04
3228	ALL		369155	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.778e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.778e-05
3229	ALL		369155	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0148e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0148e-04
3230	ALL		369155	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0602e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0602e-04
3231	ALL		369155	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1032e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1032e-04
3232	ALL		369155	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1505e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1505e-04
3233	ALL		369155	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2073e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2073e-04
3234	ALL		369155	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2719e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2719e-04
3235	ALL		369155	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3409e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3409e-04
3236	ALL		369155	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4237e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4237e-04
3237	ALL		369155	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5173e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5173e-04
3238	ALL		369155	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6129e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6129e-04
3239	ALL		369155	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7211e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7211e-04
3240	ALL		369155	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8437e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8437e-04
3241	ALL		369155	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9738e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9738e-04
3242	ALL		369155	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1029e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1029e-04
3243	ALL		369155	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2559e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2559e-04
3244	ALL		369155	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4101e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4101e-04
3245	ALL		369155	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5833e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5833e-04
3246	ALL		369155	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7747e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7747e-04
3247	ALL		369155	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9746e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
3271	ALL		369155	3859340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3851e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3851e-03
3272	ALL		369155	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3542e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3542e-03
3273	ALL		369155	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2936e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2936e-03
3274	ALL		369155	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2146e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2146e-03
3275	ALL		369155	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.121e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.121e-03
3276	ALL		369155	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0321e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0321e-03
3277	ALL		369155	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.5263e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.5263e-04
3278	ALL		369155	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.7515e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.7515e-04
3279	ALL		369155	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.107e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.107e-04
3280	ALL		369155	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.4897e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.4897e-04
3281	ALL		369155	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.949e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.949e-04
3282	ALL		369155	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.4693e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.4693e-04
3283	ALL		369155	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.0195e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.0195e-04
3284	ALL		369155	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6082e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6082e-04
3285	ALL		369155	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2703e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2703e-04
3286	ALL		369155	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9332e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9332e-04
3287	ALL		369155	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6317e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6317e-04
3288	ALL		369155	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3521e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3521e-04
3289	ALL		369155	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0703e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0703e-04
3290	ALL		369155	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8037e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8037e-04
3291	ALL		369155	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5775e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5775e-04
3292	ALL		369155	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3422e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3422e-04
3293	ALL		369180	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.537e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.537e-05
3294	ALL		369180	3858290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.8918e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.8918e-05
3295	ALL		369180	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0331e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0331e-04
3296	ALL		369180	3858340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0749e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0749e-04
3297	ALL		369180	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1211e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1211e-04
3298	ALL		369180	3858390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1765e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1765e-04
3299	ALL		369180	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2391e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2391e-04
3300	ALL		369180	3858440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3053e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3053e-04
3301	ALL		369180	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.386e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.386e-04
3302	ALL		369180	3858490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4691e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4691e-04
3303	ALL		369180	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5624e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5624e-04
3304	ALL		369180	3858540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6664e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6664e-04
3305	ALL		369180	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7771e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7771e-04
3306	ALL		369180	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8911e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8911e-04
3307	ALL		369180	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0175e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0175e-04
3308	ALL		369180	3858640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1487e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1487e-04
3309	ALL		369180	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2946e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2946e-04
3310	ALL		369180	3858690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4517e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4517e-04
3311	ALL		369180	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6238e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6238e-04
3312	ALL		369180	3858740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8169e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8169e-04
3313	ALL		369180	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0218e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0218e-04
3314	ALL		369180	3858790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2738e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2738e-04
3315	ALL		369180	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5472e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5472e-04
3316	ALL		369180	3858840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.879e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.879e-04
3317	ALL		369180	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2881e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2881e-04
3318	ALL		369180	3858890	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7855e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7855e-04
3319	ALL		369180	3858915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4165e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4165e-04
3320	ALL		369180	3858940	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.1838e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.1838e-04
3321	ALL		369180	3858965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.0193e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.0193e-04
3322	ALL		369180	3858990	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.8935e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.8935e-04
3323	ALL		369180	3859015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.787e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.787e-04
3324	ALL		369180	3859040	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.6993e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.6993e-04
3325	ALL		369180	3859065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0659e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0659e-03
3326	ALL		369180	3859090	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1458e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1458e-03
3327	ALL		369180	3859115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2152e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2152e-03
3328	ALL		369180	3859140	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2708e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2708e-03
3329	ALL		369180	3859165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3117e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3117e-03
3330	ALL		369180	3859190	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3357e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3357e-03
3331	ALL		369180	3859215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3416e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3416e-03
3332	ALL		369180	3859240	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3307e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3307e-03
3333	ALL		369180	3859265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3018e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3018e-03
3334	ALL		369180	3859290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2632e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2632e-03
3335	ALL		369180	3859315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2316e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2316e-03
3336	ALL		369180	3859340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.215e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.215e-03
3337	ALL		369180	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1955e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1955e-03
3338	ALL		369180	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1679e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1679e-03
3339	ALL		369180	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1188e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1188e-03
3340	ALL		369180	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0561e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0561e-03
3341	ALL		369180	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.8534e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.8534e-04
3342	ALL		369180	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.1536e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.1536e-04
3343	ALL		369180	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.4749e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.4749e-04
3344	ALL		369180	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.895e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.895e-04
3345	ALL		369180	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.3265e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.3265e-04
3346	ALL		369180	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.8239e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.8239e-04
3347	ALL		369180	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3702e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3702e-04
3348	ALL		369180	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9394e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9394e-04
3349	ALL		369180	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.5687e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.5687e-04
3350	ALL		369180	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2168e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2168e-04
3351	ALL		369180	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8847e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8847e-04
3352	ALL		369180	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5925e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5925e-04
3353	ALL		369180	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3213e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3213e-04
3354	ALL		369180	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0522e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0522e-04
3355	ALL		369180	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8137e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8137e-04
3356	ALL		369180	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5773e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
3380	ALL		369205	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3536e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3536e-04
3381	ALL		369205	3858840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6665e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6665e-04
3382	ALL		369205	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0506e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0506e-04
3383	ALL		369205	3858890	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5051e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5051e-04
3384	ALL		369205	3858915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0472e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0472e-04
3385	ALL		369205	3858940	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6976e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6976e-04
3386	ALL		369205	3858965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3636e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3636e-04
3387	ALL		369205	3858990	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.0471e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.0471e-04
3388	ALL		369205	3859015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.7248e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.7248e-04
3389	ALL		369205	3859040	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.3795e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.3795e-04
3390	ALL		369205	3859065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.0736e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.0736e-04
3391	ALL		369205	3859090	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.703e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.703e-04
3392	ALL		369205	3859115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0318e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0318e-03
3393	ALL		369205	3859140	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0884e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0884e-03
3394	ALL		369205	3859165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1373e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1373e-03
3395	ALL		369205	3859190	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1745e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1745e-03
3396	ALL		369205	3859215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1945e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1945e-03
3397	ALL		369205	3859240	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1945e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1945e-03
3398	ALL		369205	3859265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1733e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1733e-03
3399	ALL		369205	3859290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1394e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1394e-03
3400	ALL		369205	3859315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1077e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1077e-03
3401	ALL		369205	3859340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0875e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0875e-03
3402	ALL		369205	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.07e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.07e-03
3403	ALL		369205	3859390	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0553e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0553e-03
3404	ALL		369205	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0254e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0254e-03
3405	ALL		369205	3859440	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.841e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.841e-04
3406	ALL		369205	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.3397e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.3397e-04
3407	ALL		369205	3859490	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.7495e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.7495e-04
3408	ALL		369205	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.1994e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.1994e-04
3409	ALL		369205	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.6655e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.6655e-04
3410	ALL		369205	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.1459e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.1459e-04
3411	ALL		369205	3859590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.6824e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.6824e-04
3412	ALL		369205	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.2573e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.2573e-04
3413	ALL		369205	3859640	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8501e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8501e-04
3414	ALL		369205	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.5057e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.5057e-04
3415	ALL		369205	3859690	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1569e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1569e-04
3416	ALL		369205	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8464e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8464e-04
3417	ALL		369205	3859740	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5612e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5612e-04
3418	ALL		369205	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2884e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2884e-04
3419	ALL		369205	3859790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.029e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.029e-04
3420	ALL		369205	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8067e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8067e-04
3421	ALL		369205	3859840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5707e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5707e-04
3422	ALL		369205	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3643e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3643e-04
3423	ALL		367605	3859915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6038e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6038e-05
3424	ALL		367605	3859965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3879e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3879e-05
3425	ALL		367605	3860015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2194e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2194e-05
3426	ALL		367605	3860065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0641e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0641e-05
3427	ALL		367655	3859915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8049e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8049e-05
3428	ALL		367655	3859965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6245e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6245e-05
3429	ALL		367655	3860015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3791e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3791e-05
3430	ALL		367655	3860065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2223e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2223e-05
3431	ALL		367705	3859915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0947e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0947e-05
3432	ALL		367705	3859965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.83e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.83e-05
3433	ALL		367705	3860015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6186e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6186e-05
3434	ALL		367705	3860065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3835e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3835e-05
3435	ALL		367755	3859915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3594e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3594e-05
3436	ALL		367755	3859965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0888e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0888e-05
3437	ALL		367755	3860015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.864e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.864e-05
3438	ALL		367755	3860065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.663e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.663e-05
3439	ALL		367805	3859915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7142e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7142e-05
3440	ALL		367805	3859965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4407e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4407e-05
3441	ALL		367805	3860015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1805e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1805e-05
3442	ALL		367805	3860065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9439e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9439e-05
3443	ALL		367855	3859915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1756e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1756e-05
3444	ALL		367855	3859965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8118e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8118e-05
3445	ALL		367855	3860015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5265e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5265e-05
3446	ALL		367855	3860065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.281e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.281e-05
3447	ALL		367905	3859915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6872e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6872e-05
3448	ALL		367905	3859965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2731e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2731e-05
3449	ALL		367905	3860015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9479e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9479e-05
3450	ALL		367905	3860065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6492e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6492e-05
3451	ALL		367955	3859915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2002e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2002e-05
3452	ALL		367955	3859965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6916e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6916e-05
3453	ALL		367955	3860015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3959e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3959e-05
3454	ALL		367955	3860065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0144e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0144e-05
3455	ALL		368005	3859915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.944e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.944e-05
3456	ALL		368005	3859965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2934e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2934e-05
3457	ALL		368005	3860015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8956e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8956e-05
3458	ALL		368005	3860065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3589e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3589e-05
3459	ALL		368055	3859915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.7572e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.7572e-05
3460	ALL		368055	3859965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.0253e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.0253e-05
3461	ALL		368055	3860015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.357e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.357e-05
3462	ALL		368055	3860065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8158e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8158e-05
3463	ALL		368105	3859915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.6236e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.6236e-05
3464	ALL		368105	3859965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.7675e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.7675e-05
3465	ALL		368105	3860015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9277e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
3489	ALL		368405	3860015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.3019e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.3019e-05
3490	ALL		368405	3860065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.1515e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.1515e-05
3491	ALL		368455	3859915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3134e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3134e-04
3492	ALL		368455	3859965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1323e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1323e-04
3493	ALL		368455	3860015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.7824e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.7824e-05
3494	ALL		368455	3860065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.6128e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.6128e-05
3495	ALL		368505	3859915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4314e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4314e-04
3496	ALL		368505	3859965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.215e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.215e-04
3497	ALL		368505	3860015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0486e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0486e-04
3498	ALL		368505	3860065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.1422e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.1422e-05
3499	ALL		368555	3859915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5485e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5485e-04
3500	ALL		368555	3859965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3201e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3201e-04
3501	ALL		368555	3860015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1248e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1248e-04
3502	ALL		368555	3860065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.846e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.846e-05
3503	ALL		368605	3859915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6994e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6994e-04
3504	ALL		368605	3859965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4418e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4418e-04
3505	ALL		368605	3860015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.221e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.221e-04
3506	ALL		368605	3860065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0656e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0656e-04
3507	ALL		368655	3859915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8407e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8407e-04
3508	ALL		368655	3859965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5567e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5567e-04
3509	ALL		368655	3860015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3133e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3133e-04
3510	ALL		368655	3860065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1341e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1341e-04
3511	ALL		368705	3859915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9742e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9742e-04
3512	ALL		368705	3859965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6472e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6472e-04
3513	ALL		368705	3860015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4042e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4042e-04
3514	ALL		368705	3860065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.194e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.194e-04
3515	ALL		368755	3859915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0996e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0996e-04
3516	ALL		368755	3859965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7669e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7669e-04
3517	ALL		368755	3860015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.508e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.508e-04
3518	ALL		368755	3860065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.293e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.293e-04
3519	ALL		368805	3859915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2532e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2532e-04
3520	ALL		368805	3859965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8892e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8892e-04
3521	ALL		368805	3860015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6268e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6268e-04
3522	ALL		368805	3860065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3928e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3928e-04
3523	ALL		368855	3859915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3835e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3835e-04
3524	ALL		368855	3859965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.023e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.023e-04
3525	ALL		368855	3860015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.715e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.715e-04
3526	ALL		368855	3860065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4813e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4813e-04
3527	ALL		368905	3859915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5172e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5172e-04
3528	ALL		368905	3859965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1388e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1388e-04
3529	ALL		368905	3860015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.819e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.819e-04
3530	ALL		368905	3860065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5639e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5639e-04
3531	ALL		368955	3859915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6412e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6412e-04
3532	ALL		368955	3859965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2445e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2445e-04
3533	ALL		368955	3860015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9068e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9068e-04
3534	ALL		368955	3860065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6455e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6455e-04
3535	ALL		369005	3859915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.745e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.745e-04
3536	ALL		369005	3859965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3224e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3224e-04
3537	ALL		369005	3860015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9966e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9966e-04
3538	ALL		369005	3860065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7249e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7249e-04
3539	ALL		369055	3859915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8241e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8241e-04
3540	ALL		369055	3859965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.429e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.429e-04
3541	ALL		369055	3860015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0752e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0752e-04
3542	ALL		369055	3860065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7978e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7978e-04
3543	ALL		369105	3859915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8824e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8824e-04
3544	ALL		369105	3859965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4966e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4966e-04
3545	ALL		369105	3860015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1444e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1444e-04
3546	ALL		369105	3860065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.865e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.865e-04
3547	ALL		369155	3859915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9257e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9257e-04
3548	ALL		369155	3859965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5544e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5544e-04
3549	ALL		369155	3860015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2081e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2081e-04
3550	ALL		369155	3860065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9288e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9288e-04
3551	ALL		369205	3859915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9587e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9587e-04
3552	ALL		369205	3859965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.601e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.601e-04
3553	ALL		369205	3860015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2717e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2717e-04
3554	ALL		369205	3860065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9886e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9886e-04
3555	ALL		369255	3859915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9745e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9745e-04
3556	ALL		369255	3859965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6328e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6328e-04
3557	ALL		369255	3860015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3235e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3235e-04
3558	ALL		369255	3860065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0424e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0424e-04
3559	ALL		369305	3859915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9844e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9844e-04
3560	ALL		369305	3859965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6491e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6491e-04
3561	ALL		369305	3860015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3613e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3613e-04
3562	ALL		369305	3860065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1001e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1001e-04
3563	ALL		369355	3859915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9699e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9699e-04
3564	ALL		369355	3859965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6631e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6631e-04
3565	ALL		369355	3860015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3807e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3807e-04
3566	ALL		369355	3860065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.132e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.132e-04
3567	ALL		369405	3859915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9519e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9519e-04
3568	ALL		369405	3859965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6649e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6649e-04
3569	ALL		369405	3860015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4015e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4015e-04
3570	ALL		369405	3860065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1527e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1527e-04
3571	ALL		369255	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3501e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3501e-04
3572	ALL		369255	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7632e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7632e-04
3573	ALL		369255	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2162e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2162e-04
3574	ALL		369255	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7442e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
3598	ALL		369255	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4217e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4217e-04
3599	ALL		369255	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2735e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2735e-04
3600	ALL		369255	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1455e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1455e-04
3601	ALL		369255	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0378e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0378e-04
3602	ALL		369255	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.4956e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.4956e-05
3603	ALL		369255	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.8346e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.8346e-05
3604	ALL		369255	3858215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.224e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.224e-05
3605	ALL		369255	3858165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.7493e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.7493e-05
3606	ALL		369255	3858115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.2865e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.2865e-05
3607	ALL		369255	3858065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9036e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9036e-05
3608	ALL		369305	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.33e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.33e-04
3609	ALL		369305	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7094e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7094e-04
3610	ALL		369305	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.137e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.137e-04
3611	ALL		369305	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6115e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6115e-04
3612	ALL		369305	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1352e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1352e-04
3613	ALL		369305	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.696e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.696e-04
3614	ALL		369305	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.2707e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.2707e-04
3615	ALL		369305	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.7903e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.7903e-04
3616	ALL		369305	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.1671e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.1671e-04
3617	ALL		369305	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.365e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.365e-04
3618	ALL		369305	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.5403e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.5403e-04
3619	ALL		369305	3859315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.7334e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.7334e-04
3620	ALL		369305	3859265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.8094e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.8094e-04
3621	ALL		369305	3859215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.5323e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.5323e-04
3622	ALL		369305	3859165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9292e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9292e-04
3623	ALL		369305	3859115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.2647e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.2647e-04
3624	ALL		369305	3859065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6895e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6895e-04
3625	ALL		369305	3859015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1884e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1884e-04
3626	ALL		369305	3858965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6282e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6282e-04
3627	ALL		369305	3858915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9866e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9866e-04
3628	ALL		369305	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3475e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3475e-04
3629	ALL		369305	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.805e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.805e-04
3630	ALL		369305	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3875e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3875e-04
3631	ALL		369305	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0789e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0789e-04
3632	ALL		369305	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8367e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8367e-04
3633	ALL		369305	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6411e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6411e-04
3634	ALL		369305	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.474e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.474e-04
3635	ALL		369305	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3257e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3257e-04
3636	ALL		369305	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1991e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1991e-04
3637	ALL		369305	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0847e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0847e-04
3638	ALL		369305	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.8549e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.8549e-05
3639	ALL		369305	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.0209e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.0209e-05
3640	ALL		369305	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.3925e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.3925e-05
3641	ALL		369305	3858215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.8159e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.8159e-05
3642	ALL		369305	3858165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.3338e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.3338e-05
3643	ALL		369305	3858115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9494e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9494e-05
3644	ALL		369305	3858065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.5753e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.5753e-05
3645	ALL		369355	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2922e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2922e-04
3646	ALL		369355	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6431e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6431e-04
3647	ALL		369355	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0518e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0518e-04
3648	ALL		369355	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4645e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4645e-04
3649	ALL		369355	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8976e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8976e-04
3650	ALL		369355	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.341e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.341e-04
3651	ALL		369355	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.7486e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.7486e-04
3652	ALL		369355	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.0689e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.0689e-04
3653	ALL		369355	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.2709e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.2709e-04
3654	ALL		369355	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3722e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3722e-04
3655	ALL		369355	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.4513e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.4513e-04
3656	ALL		369355	3859315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.5029e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.5029e-04
3657	ALL		369355	3859265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.4164e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.4164e-04
3658	ALL		369355	3859215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.1099e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.1099e-04
3659	ALL		369355	3859165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6494e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6494e-04
3660	ALL		369355	3859115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1951e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1951e-04
3661	ALL		369355	3859065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8023e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8023e-04
3662	ALL		369355	3859015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4349e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4349e-04
3663	ALL		369355	3858965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0289e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0289e-04
3664	ALL		369355	3858915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.563e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.563e-04
3665	ALL		369355	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0598e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0598e-04
3666	ALL		369355	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6071e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6071e-04
3667	ALL		369355	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2269e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2269e-04
3668	ALL		369355	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9302e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9302e-04
3669	ALL		369355	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7017e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7017e-04
3670	ALL		369355	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5207e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5207e-04
3671	ALL		369355	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3636e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3636e-04
3672	ALL		369355	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.238e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.238e-04
3673	ALL		369355	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1274e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1274e-04
3674	ALL		369355	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0257e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0257e-04
3675	ALL		369355	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.3536e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.3536e-05
3676	ALL		369355	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.5744e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.5744e-05
3677	ALL		369355	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.9371e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.9371e-05
3678	ALL		369355	3858215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.427e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.427e-05
3679	ALL		369355	3858165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9657e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9657e-05
3680	ALL		369355	3858115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.6167e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.6167e-05
3681	ALL		369355	3858065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.2693e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.2693e-05
3682	ALL		369405	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2574e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2574e-04
3683	ALL		369405	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5853e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
3707	ALL		369405	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4107e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4107e-04
3708	ALL		369405	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2723e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2723e-04
3709	ALL		369405	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.158e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.158e-04
3710	ALL		369405	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0579e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0579e-04
3711	ALL		369405	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.6893e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.6893e-05
3712	ALL		369405	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.8745e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.8745e-05
3713	ALL		369405	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.1545e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.1545e-05
3714	ALL		369405	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.5882e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.5882e-05
3715	ALL		369405	3858215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.0633e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.0633e-05
3716	ALL		369405	3858165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.6241e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.6241e-05
3717	ALL		369405	3858115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.2929e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.2929e-05
3718	ALL		369405	3858065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9706e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9706e-05
3719	ALL		369205	3858215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.6424e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.6424e-05
3720	ALL		369205	3858165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.0968e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.0968e-05
3721	ALL		369205	3858115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.6207e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.6207e-05
3722	ALL		369205	3858065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.1889e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.1889e-05
3723	ALL		369155	3858215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.0653e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.0653e-05
3724	ALL		369155	3858165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.499e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.499e-05
3725	ALL		369155	3858115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.9504e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.9504e-05
3726	ALL		369155	3858065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.5009e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.5009e-05
3727	ALL		369105	3858215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.5192e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.5192e-05
3728	ALL		369105	3858165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.8642e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.8642e-05
3729	ALL		369105	3858115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.2713e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.2713e-05
3730	ALL		369105	3858065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.7863e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.7863e-05
3731	ALL		369055	3858215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.9436e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.9436e-05
3732	ALL		369055	3858165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.2235e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.2235e-05
3733	ALL		369055	3858115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.5877e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.5877e-05
3734	ALL		369055	3858065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.0672e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.0672e-05
3735	ALL		369005	3858215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0361e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0361e-04
3736	ALL		369005	3858165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.5857e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.5857e-05
3737	ALL		369005	3858115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.9056e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.9056e-05
3738	ALL		369005	3858065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.3526e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.3526e-05
3739	ALL		368955	3858215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0789e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0789e-04
3740	ALL		368955	3858165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.9628e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.9628e-05
3741	ALL		368955	3858115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.2427e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.2427e-05
3742	ALL		368955	3858065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.6528e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.6528e-05
3743	ALL		368905	3858215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1217e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1217e-04
3744	ALL		368905	3858165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0362e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0362e-04
3745	ALL		368905	3858115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.5976e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.5976e-05
3746	ALL		368905	3858065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.9854e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.9854e-05
3747	ALL		368855	3858215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1653e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1653e-04
3748	ALL		368855	3858165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0769e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0769e-04
3749	ALL		368855	3858115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.9539e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.9539e-05
3750	ALL		368855	3858065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.2871e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.2871e-05
3751	ALL		368805	3858215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2107e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2107e-04
3752	ALL		368805	3858165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1159e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1159e-04
3753	ALL		368805	3858115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0282e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0282e-04
3754	ALL		368805	3858065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.5562e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.5562e-05
3755	ALL		368755	3858215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2536e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2536e-04
3756	ALL		368755	3858165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1518e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1518e-04
3757	ALL		368755	3858115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0582e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0582e-04
3758	ALL		368755	3858065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.7706e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.7706e-05
3759	ALL		368705	3858215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2939e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2939e-04
3760	ALL		368705	3858165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1849e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1849e-04
3761	ALL		368705	3858115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0843e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0843e-04
3762	ALL		368705	3858065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.9924e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.9924e-05
3763	ALL		368655	3858215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3337e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3337e-04
3764	ALL		368655	3858165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2182e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2182e-04
3765	ALL		368655	3858115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1121e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1121e-04
3766	ALL		368655	3858065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0227e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0227e-04
3767	ALL		368605	3858215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3764e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3764e-04
3768	ALL		368605	3858165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2547e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2547e-04
3769	ALL		368605	3858115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1441e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1441e-04
3770	ALL		368605	3858065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0508e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0508e-04
3771	ALL		368555	3858215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4214e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4214e-04
3772	ALL		368555	3858165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2936e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2936e-04
3773	ALL		368555	3858115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.179e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.179e-04
3774	ALL		368555	3858065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0816e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0816e-04
3775	ALL		368505	3858215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4663e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4663e-04
3776	ALL		368505	3858165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3296e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3296e-04
3777	ALL		368505	3858115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2105e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2105e-04
3778	ALL		368505	3858065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1091e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1091e-04
3779	ALL		368455	3858215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4953e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4953e-04
3780	ALL		368455	3858165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3557e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3557e-04
3781	ALL		368455	3858115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2326e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2326e-04
3782	ALL		368455	3858065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.128e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.128e-04
3783	ALL		368405	3858215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5083e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5083e-04
3784	ALL		368405	3858165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3686e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3686e-04
3785	ALL		368405	3858115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2445e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2445e-04
3786	ALL		368405	3858065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1372e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1372e-04
3787	ALL		368355	3858215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5129e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5129e-04
3788	ALL		368355	3858165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3693e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3693e-04
3789	ALL		368355	3858115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2459e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2459e-04
3790	ALL		368355	3858065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1409e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1409e-04
3791	ALL		368305	3858215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5034e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5034e-04
3792	ALL		368305	3858165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.363e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
3816	ALL		368005	3858165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2376e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2376e-04
3817	ALL		368005	3858115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1378e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1378e-04
3818	ALL		368005	3858065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0525e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0525e-04
3819	ALL		367955	3858215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3338e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3338e-04
3820	ALL		367955	3858165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2194e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2194e-04
3821	ALL		367955	3858115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1205e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1205e-04
3822	ALL		367955	3858065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0355e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0355e-04
3823	ALL		367905	3858215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3155e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3155e-04
3824	ALL		367905	3858165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2028e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2028e-04
3825	ALL		367905	3858115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1054e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1054e-04
3826	ALL		367905	3858065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0205e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0205e-04
3827	ALL		367855	3858215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2947e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2947e-04
3828	ALL		367855	3858165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1854e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1854e-04
3829	ALL		367855	3858115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0891e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0891e-04
3830	ALL		367855	3858065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0063e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0063e-04
3831	ALL		367805	3858215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2709e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2709e-04
3832	ALL		367805	3858165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1635e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1635e-04
3833	ALL		367805	3858115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0712e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0712e-04
3834	ALL		367805	3858065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.911e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.911e-05
3835	ALL		367755	3858215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2435e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2435e-04
3836	ALL		367755	3858165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1413e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1413e-04
3837	ALL		367755	3858115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0522e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0522e-04
3838	ALL		367755	3858065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.7336e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.7336e-05
3839	ALL		367705	3858215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2098e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2098e-04
3840	ALL		367705	3858165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1138e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1138e-04
3841	ALL		367705	3858115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0297e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0297e-04
3842	ALL		367705	3858065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.5443e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.5443e-05
3843	ALL		367655	3858215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1688e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1688e-04
3844	ALL		367655	3858165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.081e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.081e-04
3845	ALL		367655	3858115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0035e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0035e-04
3846	ALL		367655	3858065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.3329e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.3329e-05
3847	ALL		367605	3858215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1215e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1215e-04
3848	ALL		367605	3858165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0424e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0424e-04
3849	ALL		367605	3858115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.7233e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.7233e-05
3850	ALL		367605	3858065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.0845e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.0845e-05
3851	ALL		367555	3858215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0699e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0699e-04
3852	ALL		367555	3858165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.9909e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.9909e-05
3853	ALL		367555	3858115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.358e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.358e-05
3854	ALL		367555	3858065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.7903e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.7903e-05
3855	ALL		367505	3858215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0186e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0186e-04
3856	ALL		367505	3858165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.5384e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.5384e-05
3857	ALL		367505	3858115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.9677e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.9677e-05
3858	ALL		367505	3858065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.4546e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.4546e-05
3859	ALL		367455	3858215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.6833e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.6833e-05
3860	ALL		367455	3858165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.0978e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.0978e-05
3861	ALL		367455	3858115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.5685e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.5685e-05
3862	ALL		367455	3858065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.0983e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.0983e-05
3863	ALL		367405	3858215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.2146e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.2146e-05
3864	ALL		367405	3858165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.6735e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.6735e-05
3865	ALL		367405	3858115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.1855e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.1855e-05
3866	ALL		367405	3858065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.7479e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.7479e-05
3867	ALL		367555	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1499e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1499e-04
3868	ALL		367555	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2382e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2382e-04
3869	ALL		367555	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3333e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3333e-04
3870	ALL		367555	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4412e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4412e-04
3871	ALL		367555	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5607e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5607e-04
3872	ALL		367555	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6988e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6988e-04
3873	ALL		367555	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8428e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8428e-04
3874	ALL		367555	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0065e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0065e-04
3875	ALL		367555	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1787e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1787e-04
3876	ALL		367555	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3624e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3624e-04
3877	ALL		367555	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5294e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5294e-04
3878	ALL		367555	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6769e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6769e-04
3879	ALL		367555	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7932e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7932e-04
3880	ALL		367555	3858915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8373e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8373e-04
3881	ALL		367555	3858965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7807e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7807e-04
3882	ALL		367555	3859015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6177e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6177e-04
3883	ALL		367555	3859065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3338e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3338e-04
3884	ALL		367555	3859115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0034e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0034e-04
3885	ALL		367555	3859165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6603e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6603e-04
3886	ALL		367555	3859215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3747e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3747e-04
3887	ALL		367555	3859265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1339e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1339e-04
3888	ALL		367555	3859315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.8297e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.8297e-05
3889	ALL		367555	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.8006e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.8006e-05
3890	ALL		367555	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.8351e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.8351e-05
3891	ALL		367555	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.8163e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.8163e-05
3892	ALL		367555	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.0504e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.0504e-05
3893	ALL		367555	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2239e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2239e-05
3894	ALL		367555	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4994e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4994e-05
3895	ALL		367555	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9863e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9863e-05
3896	ALL		367555	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5826e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5826e-05
3897	ALL		367555	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1834e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1834e-05
3898	ALL		367555	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8537e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8537e-05
3899	ALL		367555	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6216e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6216e-05
3900	ALL		367555	3859915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4116e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4116e-05
3901	ALL		367555	3859965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2297e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
3925	ALL		367505	3859315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.7104e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.7104e-05
3926	ALL		367505	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.6754e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.6754e-05
3927	ALL		367505	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.7956e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.7956e-05
3928	ALL		367505	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.0711e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.0711e-05
3929	ALL		367505	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4353e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4353e-05
3930	ALL		367505	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7108e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7108e-05
3931	ALL		367505	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1075e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1075e-05
3932	ALL		367505	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6654e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6654e-05
3933	ALL		367505	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2869e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2869e-05
3934	ALL		367505	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9454e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9454e-05
3935	ALL		367505	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6674e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6674e-05
3936	ALL		367505	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4234e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4234e-05
3937	ALL		367505	3859915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2342e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2342e-05
3938	ALL		367505	3859965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.076e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.076e-05
3939	ALL		367505	3860015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9296e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9296e-05
3940	ALL		367505	3860065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7935e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7935e-05
3941	ALL		367455	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0335e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0335e-04
3942	ALL		367455	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.103e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.103e-04
3943	ALL		367455	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.181e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.181e-04
3944	ALL		367455	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.268e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.268e-04
3945	ALL		367455	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3535e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3535e-04
3946	ALL		367455	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4517e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4517e-04
3947	ALL		367455	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5531e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5531e-04
3948	ALL		367455	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6608e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6608e-04
3949	ALL		367455	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.765e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.765e-04
3950	ALL		367455	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8571e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8571e-04
3951	ALL		367455	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9377e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9377e-04
3952	ALL		367455	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9961e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9961e-04
3953	ALL		367455	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0189e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0189e-04
3954	ALL		367455	3858915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9914e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9914e-04
3955	ALL		367455	3858965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8987e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8987e-04
3956	ALL		367455	3859015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7567e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7567e-04
3957	ALL		367455	3859065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5756e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5756e-04
3958	ALL		367455	3859115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4536e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4536e-04
3959	ALL		367455	3859165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2355e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2355e-04
3960	ALL		367455	3859215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0575e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0575e-04
3961	ALL		367455	3859265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.9692e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.9692e-05
3962	ALL		367455	3859315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.668e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.668e-05
3963	ALL		367455	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.7424e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.7424e-05
3964	ALL		367455	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9602e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9602e-05
3965	ALL		367455	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.3658e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.3658e-05
3966	ALL		367455	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7818e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7818e-05
3967	ALL		367455	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2495e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2495e-05
3968	ALL		367455	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7083e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7083e-05
3969	ALL		367455	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4274e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4274e-05
3970	ALL		367455	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9971e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9971e-05
3971	ALL		367455	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6881e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6881e-05
3972	ALL		367455	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.419e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.419e-05
3973	ALL		367455	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2253e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2253e-05
3974	ALL		367455	3859915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0567e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0567e-05
3975	ALL		367455	3859965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.937e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.937e-05
3976	ALL		367455	3860015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8009e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8009e-05
3977	ALL		367455	3860065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6826e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6826e-05
3978	ALL		367405	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.8031e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.8031e-05
3979	ALL		367405	3858315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0451e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0451e-04
3980	ALL		367405	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1141e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1141e-04
3981	ALL		367405	3858415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1883e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1883e-04
3982	ALL		367405	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2663e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2663e-04
3983	ALL		367405	3858515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3504e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3504e-04
3984	ALL		367405	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4378e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4378e-04
3985	ALL		367405	3858615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.525e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.525e-04
3986	ALL		367405	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.605e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.605e-04
3987	ALL		367405	3858715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6702e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6702e-04
3988	ALL		367405	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7226e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7226e-04
3989	ALL		367405	3858815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7464e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7464e-04
3990	ALL		367405	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7453e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7453e-04
3991	ALL		367405	3858915	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.702e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.702e-04
3992	ALL		367405	3858965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6055e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6055e-04
3993	ALL		367405	3859015	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4891e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4891e-04
3994	ALL		367405	3859065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3442e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3442e-04
3995	ALL		367405	3859115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2187e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2187e-04
3996	ALL		367405	3859165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0872e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0872e-04
3997	ALL		367405	3859215	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.4645e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.4645e-05
3998	ALL		367405	3859265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.0879e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.0879e-05
3999	ALL		367405	3859315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9982e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9982e-05
4000	ALL		367405	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.1155e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.1155e-05
4001	ALL		367405	3859415	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4309e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4309e-05
4002	ALL		367405	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8069e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8069e-05
4003	ALL		367405	3859515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2776e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2776e-05
4004	ALL		367405	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8163e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8163e-05
4005	ALL		367405	3859615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3431e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3431e-05
4006	ALL		367405	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9631e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9631e-05
4007	ALL		367405	3859715	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7812e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7812e-05
4008	ALL		367405	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5003e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5003e-05
4009	ALL		367405	3859815	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2563e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2563e-05
4010	ALL		367405	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0464e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
4034	ALL		368305	3860265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5482e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5482e-05
4035	ALL		368405	3860165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.1258e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.1258e-05
4036	ALL		368405	3860265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2002e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2002e-05
4037	ALL		368505	3860165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.8888e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.8888e-05
4038	ALL		368505	3860265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.734e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.734e-05
4039	ALL		368605	3860165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.7242e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.7242e-05
4040	ALL		368605	3860265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3136e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3136e-05
4041	ALL		368705	3860165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.6808e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.6808e-05
4042	ALL		368705	3860265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9391e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9391e-05
4043	ALL		368805	3860165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0173e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0173e-04
4044	ALL		368805	3860265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.8573e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.8573e-05
4045	ALL		368905	3860165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1629e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1629e-04
4046	ALL		368905	3860265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.9914e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.9914e-05
4047	ALL		369005	3860165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2746e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2746e-04
4048	ALL		369005	3860265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.9879e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.9879e-05
4049	ALL		369105	3860165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3871e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3871e-04
4050	ALL		369105	3860265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0942e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0942e-04
4051	ALL		369205	3860165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5259e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5259e-04
4052	ALL		369205	3860265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1938e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1938e-04
4053	ALL		369305	3860165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6531e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6531e-04
4054	ALL		369305	3860265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3074e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3074e-04
4055	ALL		369405	3860165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7371e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7371e-04
4056	ALL		369405	3860265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3956e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3956e-04
4057	ALL		369505	3860165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7966e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7966e-04
4058	ALL		369505	3860265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4742e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4742e-04
4059	ALL		369605	3860165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8377e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8377e-04
4060	ALL		369605	3860265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5295e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5295e-04
4061	ALL		369505	3860065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1973e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1973e-04
4062	ALL		369505	3859965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.635e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.635e-04
4063	ALL		369505	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.129e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.129e-04
4064	ALL		369505	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6319e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6319e-04
4065	ALL		369505	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0505e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0505e-04
4066	ALL		369505	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2678e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2678e-04
4067	ALL		369505	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2561e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2561e-04
4068	ALL		369505	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0965e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0965e-04
4069	ALL		369505	3859265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8309e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8309e-04
4070	ALL		369505	3859165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.487e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.487e-04
4071	ALL		369505	3859065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2306e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2306e-04
4072	ALL		369505	3858965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.887e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.887e-04
4073	ALL		369505	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4011e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4011e-04
4074	ALL		369505	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8771e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8771e-04
4075	ALL		369505	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4307e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4307e-04
4076	ALL		369505	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1279e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1279e-04
4077	ALL		369505	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.3314e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.3314e-05
4078	ALL		369505	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.9667e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.9667e-05
4079	ALL		369505	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.8533e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.8533e-05
4080	ALL		369505	3858165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.009e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.009e-05
4081	ALL		369505	3858065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4058e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4058e-05
4082	ALL		369505	3857965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9548e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9548e-05
4083	ALL		369505	3857865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6103e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6103e-05
4084	ALL		369605	3860065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1972e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1972e-04
4085	ALL		369605	3859965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5685e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5685e-04
4086	ALL		369605	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9338e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9338e-04
4087	ALL		369605	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2569e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2569e-04
4088	ALL		369605	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4391e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4391e-04
4089	ALL		369605	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4571e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4571e-04
4090	ALL		369605	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3141e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3141e-04
4091	ALL		369605	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.109e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.109e-04
4092	ALL		369605	3859265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8982e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8982e-04
4093	ALL		369605	3859165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7202e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7202e-04
4094	ALL		369605	3859065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5997e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5997e-04
4095	ALL		369605	3858965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3949e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3949e-04
4096	ALL		369605	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0631e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0631e-04
4097	ALL		369605	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6918e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6918e-04
4098	ALL		369605	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3236e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3236e-04
4099	ALL		369605	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0338e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0338e-04
4100	ALL		369605	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.3999e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.3999e-05
4101	ALL		369605	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.1815e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.1815e-05
4102	ALL		369605	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.2264e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.2264e-05
4103	ALL		369605	3858165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4738e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4738e-05
4104	ALL		369605	3858065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9104e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9104e-05
4105	ALL		369605	3857965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5038e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5038e-05
4106	ALL		369605	3857865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2051e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2051e-05
4107	ALL		369405	3857965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4693e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4693e-05
4108	ALL		369405	3857865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0627e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0627e-05
4109	ALL		369305	3857965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.975e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.975e-05
4110	ALL		369305	3857865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4945e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4945e-05
4111	ALL		369205	3857965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.4807e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.4807e-05
4112	ALL		369205	3857865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.91e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.91e-05
4113	ALL		369105	3857965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9509e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9509e-05
4114	ALL		369105	3857865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.2766e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.2766e-05
4115	ALL		369005	3857965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.4329e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.4329e-05
4116	ALL		369005	3857865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.6537e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.6537e-05
4117	ALL		368905	3857965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.8913e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.8913e-05
4118	ALL		368905	3857865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9642e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9642e-05
4119	ALL		368805	3857965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.2373e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
4143	ALL		367605	3857965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.9711e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.9711e-05
4144	ALL		367605	3857865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.0411e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.0411e-05
4145	ALL		367505	3857965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.563e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.563e-05
4146	ALL		367505	3857865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.7794e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.7794e-05
4147	ALL		367405	3857965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.0159e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.0159e-05
4148	ALL		367405	3857865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3979e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.3979e-05
4149	ALL		367305	3857965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.4511e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.4511e-05
4150	ALL		367305	3857865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.938e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.938e-05
4151	ALL		367205	3857965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9632e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9632e-05
4152	ALL		367205	3857865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4826e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.4826e-05
4153	ALL		367305	3858065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.115e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.115e-05
4154	ALL		367305	3858165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.9164e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.9164e-05
4155	ALL		367305	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.8952e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.8952e-05
4156	ALL		367305	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.9598e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.9598e-05
4157	ALL		367305	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1153e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1153e-04
4158	ALL		367305	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2439e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2439e-04
4159	ALL		367305	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3463e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3463e-04
4160	ALL		367305	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3791e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3791e-04
4161	ALL		367305	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3344e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3344e-04
4162	ALL		367305	3858965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1944e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1944e-04
4163	ALL		367305	3859065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.021e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.021e-04
4164	ALL		367305	3859165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.5611e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.5611e-05
4165	ALL		367305	3859265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.8548e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.8548e-05
4166	ALL		367305	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2845e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2845e-05
4167	ALL		367305	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9848e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9848e-05
4168	ALL		367305	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1805e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1805e-05
4169	ALL		367305	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5062e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5062e-05
4170	ALL		367305	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1617e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1617e-05
4171	ALL		367305	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8024e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8024e-05
4172	ALL		367305	3859965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5451e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5451e-05
4173	ALL		367305	3860065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.35e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.35e-05
4174	ALL		367305	3860165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2302e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2302e-05
4175	ALL		367305	3860265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1208e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1208e-05
4176	ALL		367205	3858065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.5679e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.5679e-05
4177	ALL		367205	3858165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.3131e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.3131e-05
4178	ALL		367205	3858265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.1234e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.1234e-05
4179	ALL		367205	3858365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.9662e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.9662e-05
4180	ALL		367205	3858465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.8815e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.8815e-05
4181	ALL		367205	3858565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0763e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0763e-04
4182	ALL		367205	3858665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1397e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1397e-04
4183	ALL		367205	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.14e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.14e-04
4184	ALL		367205	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0454e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0454e-04
4185	ALL		367205	3858965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.2797e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.2797e-05
4186	ALL		367205	3859065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.0702e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.0702e-05
4187	ALL		367205	3859165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.7794e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.7794e-05
4188	ALL		367205	3859265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6926e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6926e-05
4189	ALL		367205	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4609e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4609e-05
4190	ALL		367205	3859465	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5782e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5782e-05
4191	ALL		367205	3859565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7798e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7798e-05
4192	ALL		367205	3859665	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2002e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2002e-05
4193	ALL		367205	3859765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7817e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7817e-05
4194	ALL		367205	3859865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6486e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6486e-05
4195	ALL		367205	3859965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.384e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.384e-05
4196	ALL		367205	3860065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2169e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2169e-05
4197	ALL		367205	3860165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0986e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0986e-05
4198	ALL		367205	3860265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.9805e-06	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.9805e-06
4199	ALL		367205	3860515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.1766e-06	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.1766e-06
4200	ALL		367205	3860765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.0825e-06	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.0825e-06
4201	ALL		367446.7	3860515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0217e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0217e-05
4202	ALL		367446.7	3860765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.5167e-06	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.5167e-06
4203	ALL		367688.3	3860515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3618e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3618e-05
4204	ALL		367688.3	3860765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.744e-06	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.744e-06
4205	ALL		367930	3860515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7906e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7906e-05
4206	ALL		367930	3860765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.276e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.276e-05
4207	ALL		368171.7	3860515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4146e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4146e-05
4208	ALL		368171.7	3860765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6619e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6619e-05
4209	ALL		368413.3	3860515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4289e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4289e-05
4210	ALL		368413.3	3860765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3451e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3451e-05
4211	ALL		368655	3860515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2702e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2702e-05
4212	ALL		368655	3860765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0045e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0045e-05
4213	ALL		368896.7	3860515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1588e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1588e-05
4214	ALL		368896.7	3860765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4023e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4023e-05
4215	ALL		369138.3	3860515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.463e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.463e-05
4216	ALL		369138.3	3860765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2229e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2229e-05
4217	ALL		369380	3860515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.9593e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.9593e-05
4218	ALL		369380	3860765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9592e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9592e-05
4219	ALL		369621.7	3860515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.6375e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.6375e-05
4220	ALL		369621.7	3860765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.978e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.978e-05
4221	ALL		369863.3	3860515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0847e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0847e-04
4222	ALL		369863.3	3860765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.2259e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.2259e-05
4223	ALL		370105	3860515	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1138e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1138e-04
4224	ALL		370105	3860765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.0702e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.0702e-05
4225	ALL		369855	3860265	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5661e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5661e-04
4226	ALL		369855	3860023	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.064e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.064e-04
4227	ALL		369855	3859782	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2764e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2764e-04
4228	ALL		369855	3859540	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9971e-04	0.0e+00	0.0e+00	0.0e+

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
4252	ALL		369605	3857365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2544e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2544e-05
4253	ALL		369363.3	3857615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3988e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3988e-05
4254	ALL		369363.3	3857365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6861e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6861e-05
4255	ALL		369121.7	3857615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9075e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9075e-05
4256	ALL		369121.7	3857365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9227e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9227e-05
4257	ALL		368880	3857615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2002e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2002e-05
4258	ALL		368880	3857365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0454e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0454e-05
4259	ALL		368638.3	3857615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.5507e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.5507e-05
4260	ALL		368638.3	3857365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2687e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2687e-05
4261	ALL		368396.7	3857615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.978e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.978e-05
4262	ALL		368396.7	3857365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5467e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5467e-05
4263	ALL		368155	3857615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9617e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9617e-05
4264	ALL		368155	3857365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5674e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5674e-05
4265	ALL		367913.3	3857615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9632e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9632e-05
4266	ALL		367913.3	3857365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6827e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6827e-05
4267	ALL		367671.7	3857615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.5329e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.5329e-05
4268	ALL		367671.7	3857365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5467e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5467e-05
4269	ALL		367430	3857615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1204e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1204e-05
4270	ALL		367430	3857365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1416e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1416e-05
4271	ALL		367188.3	3857615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5792e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5792e-05
4272	ALL		367188.3	3857365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8828e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8828e-05
4273	ALL		366946.7	3857615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8976e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8976e-05
4274	ALL		366946.7	3857365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4274e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4274e-05
4275	ALL		366705	3857615	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4924e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4924e-05
4276	ALL		366705	3857365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0075e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0075e-05
4277	ALL		366955	3857865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6872e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6872e-05
4278	ALL		366955	3858107	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8094e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.8094e-05
4279	ALL		366955	3858348	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.8932e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.8932e-05
4280	ALL		366955	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.6177e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.6177e-05
4281	ALL		366955	3858832	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.8829e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.8829e-05
4282	ALL		366955	3859073	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2387e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.2387e-05
4283	ALL		366955	3859315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3357e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3357e-05
4284	ALL		366955	3859557	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.968e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.968e-05
4285	ALL		366955	3859798	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1045e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1045e-05
4286	ALL		366955	3860040	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.8568e-06	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.8568e-06
4287	ALL		366955	3860282	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.8218e-06	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.8218e-06
4288	ALL		366955	3860523	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.491e-06	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.491e-06
4289	ALL		366955	3860765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.7813e-06	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.7813e-06
4290	ALL		366705	3857865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1696e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1696e-05
4291	ALL		366705	3858107	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8675e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8675e-05
4292	ALL		366705	3858348	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.5743e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.5743e-05
4293	ALL		366705	3858590	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.3895e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.3895e-05
4294	ALL		366705	3858832	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4787e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4787e-05
4295	ALL		366705	3859073	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5131e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5131e-05
4296	ALL		366705	3859315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4752e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4752e-05
4297	ALL		366705	3859557	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2819e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2819e-05
4298	ALL		366705	3859798	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.3004e-06	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.3004e-06
4299	ALL		366705	3860040	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.284e-06	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.284e-06
4300	ALL		366705	3860282	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.7517e-06	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.7517e-06
4301	ALL		366705	3860523	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6482e-06	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6482e-06
4302	ALL		366705	3860765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0124e-06	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0124e-06
4303	ALL		366705	3861165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5393e-06	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5393e-06
4304	ALL		366705	3861565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9035e-06	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9035e-06
4305	ALL		367171.7	3861165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1751e-06	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1751e-06
4306	ALL		367171.7	3861565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2879e-06	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2879e-06
4307	ALL		367638.3	3861165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9642e-06	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.9642e-06
4308	ALL		367638.3	3861565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6482e-06	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6482e-06
4309	ALL		368105	3861165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0513e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0513e-05
4310	ALL		368105	3861565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.6591e-06	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.6591e-06
4311	ALL		368571.7	3861165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7211e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7211e-05
4312	ALL		368571.7	3861565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2805e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2805e-05
4313	ALL		369038.3	3861165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2135e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2135e-05
4314	ALL		369038.3	3861565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5363e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5363e-05
4315	ALL		369505	3861165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0548e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0548e-05
4316	ALL		369505	3861565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9798e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9798e-05
4317	ALL		369971.7	3861165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1297e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1297e-05
4318	ALL		369971.7	3861565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4382e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4382e-05
4319	ALL		370438.3	3861165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.3451e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.3451e-05
4320	ALL		370438.3	3861565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.179e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.179e-05
4321	ALL		370905	3861165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6379e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.6379e-05
4322	ALL		370905	3861565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8813e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8813e-05
4323	ALL		370505	3860765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.3023e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.3023e-05
4324	ALL		370505	3860298	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0745e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0745e-04
4325	ALL		370505	3859832	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.9056e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.9056e-05
4326	ALL		370505	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.2052e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.2052e-05
4327	ALL		370505	3858898	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.4758e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.4758e-05
4328	ALL		370505	3858432	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.317e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.317e-05
4329	ALL		370505	3857965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6053e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6053e-05
4330	ALL		370505	3857498	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6043e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6043e-05
4331	ALL		370505	3857032	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.557e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.557e-05
4332	ALL		370505	3856565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5185e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5185e-05
4333	ALL		370905	3860765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.4078e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.4078e-05
4334	ALL		370905	3860298	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.4654e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.4654e-05
4335	ALL		370905	3859832	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.5388e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.5388e-05
4336	ALL		370905	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0627e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.0627e-05
4337	ALL		370905	3858898	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
4361	ALL		365905	3856965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9547e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9547e-05
4362	ALL		365905	3856565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7063e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7063e-05
4363	ALL		366305	3857365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6171e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6171e-05
4364	ALL		366305	3857832	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3771e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3771e-05
4365	ALL		366305	3858298	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8651e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8651e-05
4366	ALL		366305	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9794e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9794e-05
4367	ALL		366305	3859232	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.764e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.764e-05
4368	ALL		366305	3859698	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.8366e-06	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.8366e-06
4369	ALL		366305	3860165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7315e-06	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7315e-06
4370	ALL		366305	3860632	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0661e-06	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0661e-06
4371	ALL		366305	3861098	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7409e-06	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7409e-06
4372	ALL		366305	3861565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.593e-06	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.593e-06
4373	ALL		365905	3857365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2741e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2741e-05
4374	ALL		365905	3857832	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8907e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8907e-05
4375	ALL		365905	3858298	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6452e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6452e-05
4376	ALL		365905	3858765	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.903e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.903e-05
4377	ALL		365905	3859232	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2317e-05	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2317e-05
4378	ALL		365905	3859698	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9883e-06	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.9883e-06
4379	ALL		365905	3860165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6669e-06	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6669e-06
4380	ALL		365905	3860632	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0755e-06	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0755e-06
4381	ALL		365905	3861098	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2973e-06	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2973e-06
4382	ALL		365905	3861565	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1346e-06	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1346e-06
4383	ALL		368470	3859253	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5465e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5465e-03
4384	ALL		368264	3859260	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1403e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.1403e-03
4385	ALL		368255	3858958	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6972e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6972e-03
4386	ALL		368054	3858961	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9812e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9812e-03
4387	ALL		368048	3858760	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.187e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.187e-04
4388	ALL		367916	3858760	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.5965e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.5965e-04
4389	ALL		367850	3858864	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2046e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2046e-03
4390	ALL		367852	3858965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.515e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.515e-03
4391	ALL		367752	3858968	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.3418e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.3418e-04
4392	ALL		367757	3859171	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8714e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8714e-04
4393	ALL		368060	3859165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.641e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.641e-03
4394	ALL		368065	3859367	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.1926e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.1926e-04
4395	ALL		368470	3859354	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0098e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0098e-03
4396	ALL		368576	3859351	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9221e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9221e-03
4397	ALL		368582	3859551	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.2136e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.2136e-04
4398	ALL		368686	3859547	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6498e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6498e-03
4399	ALL		368678	3859348	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2722e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2722e-03
4400	ALL		369072	3859335	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6084e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6084e-03
4401	ALL		369068	3859237	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.23e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.23e-03
4402	ALL		368880	3859242	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.0136e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	6.0136e-03
4403	ALL		368875	3859143	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.523e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	5.523e-03
4404	ALL		369080	3859137	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8228e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8228e-03
4405	ALL		369070	3858940	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.002e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.002e-03
4406	ALL		368862	3858948	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7324e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7324e-03
4407	ALL		368655	3858749	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1631e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1631e-03
4408	ALL		368452	3858752	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2868e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2868e-03
4409	ALL		368460.2	3859253	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3875e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3875e-03
4410	ALL		368450.4	3859254	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3006e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3006e-03
4411	ALL		368440.6	3859254	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2525e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2525e-03
4412	ALL		368430.8	3859254	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2352e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2352e-03
4413	ALL		368421	3859255	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2361e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2361e-03
4414	ALL		368411.1	3859255	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2512e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2512e-03
4415	ALL		368401.3	3859255	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.266e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.266e-03
4416	ALL		368391.5	3859256	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2868e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2868e-03
4417	ALL		368381.7	3859256	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3172e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3172e-03
4418	ALL		368371.9	3859256	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3678e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3678e-03
4419	ALL		368362.1	3859257	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4335e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4335e-03
4420	ALL		368352.3	3859257	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5101e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5101e-03
4421	ALL		368342.5	3859257	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5927e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5927e-03
4422	ALL		368332.7	3859258	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6867e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6867e-03
4423	ALL		368322.9	3859258	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7967e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7967e-03
4424	ALL		368313.1	3859258	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9273e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9273e-03
4425	ALL		368303.2	3859259	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0845e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0845e-03
4426	ALL		368293.4	3859259	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2752e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2752e-03
4427	ALL		368283.6	3859259	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.504e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.504e-03
4428	ALL		368273.8	3859260	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7829e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7829e-03
4429	ALL		368263.7	3859250	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9542e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.9542e-03
4430	ALL		368263.4	3859241	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8281e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.8281e-03
4431	ALL		368263.1	3859231	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7371e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.7371e-03
4432	ALL		368262.8	3859221	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6749e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6749e-03
4433	ALL		368262.6	3859211	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.64e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.64e-03
4434	ALL		368262.3	3859202	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6294e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6294e-03
4435	ALL		368262	3859192	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6244e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6244e-03
4436	ALL		368261.7	3859182	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6198e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6198e-03
4437	ALL		368261.4	3859172	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6011e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6011e-03
4438	ALL		368261.1	3859163	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5584e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5584e-03
4439	ALL		368260.8	3859153	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5089e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.5089e-03
4440	ALL		368260.5	3859143	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4849e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4849e-03
4441	ALL		368260.2	3859133	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4594e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4594e-03
4442	ALL		368259.9	3859124	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4213e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.4213e-03
4443	ALL		368259.7	3859114	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.346e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.346e-03
4444	ALL		368259.4	3859104	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2617e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.2617e-03
4445	ALL		368259.1	3859094	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1679e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1679e-03
4446	ALL		368258.8	3859085	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
4470	ALL		368140.1	3858960	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2156e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2156e-03
4471	ALL		368130.6	3858960	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3254e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3254e-03
4472	ALL		368121	3858960	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4441e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4441e-03
4473	ALL		368111.4	3858960	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5749e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5749e-03
4474	ALL		368101.9	3858960	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7217e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7217e-03
4475	ALL		368092.3	3858960	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8902e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8902e-03
4476	ALL		368082.7	3858961	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0887e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0887e-03
4477	ALL		368073.1	3858961	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3268e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3268e-03
4478	ALL		368063.6	3858961	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6189e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6189e-03
4479	ALL		368053.7	3858951	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6287e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.6287e-03
4480	ALL		368053.4	3858942	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3601e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3601e-03
4481	ALL		368053.1	3858932	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1498e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1498e-03
4482	ALL		368052.9	3858923	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9735e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9735e-03
4483	ALL		368052.6	3858913	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8089e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8089e-03
4484	ALL		368052.3	3858904	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6295e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6295e-03
4485	ALL		368052	3858894	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4638e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4638e-03
4486	ALL		368051.7	3858884	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3109e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3109e-03
4487	ALL		368051.4	3858875	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1909e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1909e-03
4488	ALL		368051.1	3858865	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0709e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0709e-03
4489	ALL		368050.9	3858856	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9463e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9463e-03
4490	ALL		368050.6	3858846	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8142e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8142e-03
4491	ALL		368050.3	3858837	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6684e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6684e-03
4492	ALL		368050	3858827	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5032e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5032e-03
4493	ALL		368049.7	3858817	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3102e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3102e-03
4494	ALL		368049.4	3858808	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0797e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0797e-03
4495	ALL		368049.1	3858798	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8045e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8045e-03
4496	ALL		368048.9	3858789	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4865e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4865e-03
4497	ALL		368048.6	3858779	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2206e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2206e-03
4498	ALL		368048.3	3858770	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0371e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0371e-03
4499	ALL		368038.6	3858760	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.9022e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.9022e-04
4500	ALL		368029.1	3858760	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0763e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0763e-03
4501	ALL		368019.7	3858760	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1639e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1639e-03
4502	ALL		368010.3	3858760	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2344e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2344e-03
4503	ALL		368000.9	3858760	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.287e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.287e-03
4504	ALL		367991.4	3858760	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3179e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3179e-03
4505	ALL		367982	3858760	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3267e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3267e-03
4506	ALL		367972.6	3858760	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.306e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.306e-03
4507	ALL		367963.1	3858760	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2598e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2598e-03
4508	ALL		367953.7	3858760	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1978e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1978e-03
4509	ALL		367944.3	3858760	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1321e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1321e-03
4510	ALL		367934.9	3858760	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0696e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0696e-03
4511	ALL		367925.4	3858760	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.012e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.012e-03
4512	ALL		367910.9	3858768	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.9727e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.9727e-04
4513	ALL		367905.9	3858776	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0313e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0313e-03
4514	ALL		367900.8	3858784	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0616e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0616e-03
4515	ALL		367895.7	3858792	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0888e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0888e-03
4516	ALL		367890.6	3858800	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1131e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1131e-03
4517	ALL		367885.5	3858808	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1342e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1342e-03
4518	ALL		367880.5	3858816	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1532e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1532e-03
4519	ALL		367875.4	3858824	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1697e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1697e-03
4520	ALL		367870.3	3858832	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1822e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1822e-03
4521	ALL		367865.2	3858840	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1897e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1897e-03
4522	ALL		367860.2	3858848	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.195e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.195e-03
4523	ALL		367855.1	3858856	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1986e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1986e-03
4524	ALL		367850.2	3858873	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2735e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2735e-03
4525	ALL		367850.4	3858882	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3488e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3488e-03
4526	ALL		367850.6	3858892	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4266e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4266e-03
4527	ALL		367850.7	3858901	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5082e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5082e-03
4528	ALL		367850.9	3858910	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5968e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5968e-03
4529	ALL		367851.1	3858919	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6982e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6982e-03
4530	ALL		367851.3	3858928	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8205e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8205e-03
4531	ALL		367851.5	3858937	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9592e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9592e-03
4532	ALL		367851.6	3858947	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1191e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1191e-03
4533	ALL		367851.8	3858956	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2983e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2983e-03
4534	ALL		367842.9	3858965	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1713e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1713e-03
4535	ALL		367833.8	3858966	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9095e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9095e-03
4536	ALL		367824.7	3858966	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6993e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6993e-03
4537	ALL		367815.6	3858966	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5266e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5266e-03
4538	ALL		367806.6	3858966	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3819e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3819e-03
4539	ALL		367797.5	3858967	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2578e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2578e-03
4540	ALL		367788.4	3858967	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1516e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1516e-03
4541	ALL		367779.3	3858967	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.049e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.049e-03
4542	ALL		367770.2	3858967	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.6844e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.6844e-04
4543	ALL		367761.1	3858968	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.9743e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.9743e-04
4544	ALL		367752.2	3858978	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.522e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.522e-04
4545	ALL		367752.5	3858987	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.7527e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.7527e-04
4546	ALL		367752.7	3858997	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.99e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.99e-04
4547	ALL		367753	3859007	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.2266e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.2266e-04
4548	ALL		367753.2	3859016	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.3999e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.3999e-04
4549	ALL		367753.4	3859026	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.565e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.565e-04
4550	ALL		367753.7	3859036	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.725e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.725e-04
4551	ALL		367753.9	3859045	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.8739e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.8739e-04
4552	ALL		367754.1	3859055	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0007e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0007e-03
4553	ALL		367754.4	3859065	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0123e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0123e-03
4554	ALL		367754.6	3859074	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0301e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0301e-03

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
4579	ALL		367913.4	3859168	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4621e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4621e-03
4580	ALL		367923.2	3859168	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5642e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5642e-03
4581	ALL		367932.9	3859168	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6738e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6738e-03
4582	ALL		367942.7	3859167	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7972e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7972e-03
4583	ALL		367952.5	3859167	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9234e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9234e-03
4584	ALL		367962.3	3859167	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1352e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1352e-03
4585	ALL		367972	3859167	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2586e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2586e-03
4586	ALL		367981.8	3859167	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3843e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3843e-03
4587	ALL		367991.6	3859166	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5046e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5046e-03
4588	ALL		368001.4	3859166	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5925e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5925e-03
4589	ALL		368011.1	3859166	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.689e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.689e-03
4590	ALL		368020.9	3859166	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8043e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8043e-03
4591	ALL		368030.7	3859166	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9744e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9744e-03
4592	ALL		368040.5	3859165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.17e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.17e-03
4593	ALL		368050.2	3859165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3979e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.3979e-03
4594	ALL		368060.2	3859175	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0669e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0669e-03
4595	ALL		368060.5	3859184	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6551e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6551e-03
4596	ALL		368060.7	3859194	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3467e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3467e-03
4597	ALL		368061	3859203	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0992e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0992e-03
4598	ALL		368061.2	3859213	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8917e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8917e-03
4599	ALL		368061.4	3859223	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7157e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7157e-03
4600	ALL		368061.7	3859232	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5605e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5605e-03
4601	ALL		368061.9	3859242	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4177e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4177e-03
4602	ALL		368062.1	3859252	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2775e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2775e-03
4603	ALL		368062.4	3859261	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1022e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1022e-03
4604	ALL		368062.6	3859271	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9661e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9661e-03
4605	ALL		368062.9	3859280	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8375e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8375e-03
4606	ALL		368063.1	3859290	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7157e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7157e-03
4607	ALL		368063.3	3859300	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5921e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5921e-03
4608	ALL		368063.6	3859309	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.468e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.468e-03
4609	ALL		368063.8	3859319	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3431e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3431e-03
4610	ALL		368064.1	3859329	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2076e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2076e-03
4611	ALL		368064.3	3859338	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0609e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0609e-03
4612	ALL		368064.5	3859348	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.1438e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.1438e-04
4613	ALL		368064.8	3859357	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.0227e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.0227e-04
4614	ALL		368074.9	3859367	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.8465e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	7.8465e-04
4615	ALL		368084.8	3859366	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.6952e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	8.6952e-04
4616	ALL		368094.6	3859366	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.8674e-04	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	9.8674e-04
4617	ALL		368104.5	3859366	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1469e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1469e-03
4618	ALL		368114.4	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.317e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.317e-03
4619	ALL		368124.3	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4745e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4745e-03
4620	ALL		368134.2	3859365	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6225e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6225e-03
4621	ALL		368144	3859364	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.772e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.772e-03
4622	ALL		368153.9	3859364	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9275e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9275e-03
4623	ALL		368163.8	3859364	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1182e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1182e-03
4624	ALL		368173.7	3859364	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2532e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2532e-03
4625	ALL		368183.5	3859363	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.377e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.377e-03
4626	ALL		368193.4	3859363	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4925e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4925e-03
4627	ALL		368203.3	3859363	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5899e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5899e-03
4628	ALL		368213.2	3859362	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6632e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6632e-03
4629	ALL		368223.1	3859362	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7293e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7293e-03
4630	ALL		368232.9	3859362	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7909e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7909e-03
4631	ALL		368242.8	3859361	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.849e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.849e-03
4632	ALL		368252.7	3859361	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9006e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9006e-03
4633	ALL		368262.6	3859361	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9472e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9472e-03
4634	ALL		368272.4	3859360	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9849e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9849e-03
4635	ALL		368282.3	3859360	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0176e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0176e-03
4636	ALL		368292.2	3859360	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0523e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0523e-03
4637	ALL		368302.1	3859359	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0984e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0984e-03
4638	ALL		368312	3859359	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1372e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1372e-03
4639	ALL		368321.8	3859359	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1636e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1636e-03
4640	ALL		368331.7	3859358	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1695e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1695e-03
4641	ALL		368341.6	3859358	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1713e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1713e-03
4642	ALL		368351.5	3859358	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1656e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1656e-03
4643	ALL		368361.3	3859357	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1411e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1411e-03
4644	ALL		368371.2	3859357	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1158e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1158e-03
4645	ALL		368381.1	3859357	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0919e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0919e-03
4646	ALL		368391	3859357	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.077e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.077e-03
4647	ALL		368400.9	3859356	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0621e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0621e-03
4648	ALL		368410.7	3859356	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.049e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.049e-03
4649	ALL		368420.6	3859356	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0451e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0451e-03
4650	ALL		368430.5	3859355	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0436e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0436e-03
4651	ALL		368440.4	3859355	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0432e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0432e-03
4652	ALL		368450.2	3859355	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0278e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0278e-03
4653	ALL		368460.1	3859354	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0147e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0147e-03
4654	ALL		368479.6	3859354	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0438e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0438e-03
4655	ALL		368489.3	3859353	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0833e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0833e-03
4656	ALL		368498.9	3859353	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.129e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.129e-03
4657	ALL		368508.6	3859353	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1647e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1647e-03
4658	ALL		368518.2	3859353	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2085e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2085e-03
4659	ALL		368527.8	3859352	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2644e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2644e-03
4660	ALL		368537.5	3859352	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3359e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3359e-03
4661	ALL		368547.1	3859352	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4292e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4292e-03
4662	ALL		368556.7	3859352	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5524e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5524e-03
4663	ALL		368566.4	3859351	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7047e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7047e-03

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
4688	ALL		368629.3	3859549	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2996e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2996e-03
4689	ALL		368638.7	3859549	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4059e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4059e-03
4690	ALL		368648.2	3859548	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4989e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4989e-03
4691	ALL		368657.6	3859548	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5752e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5752e-03
4692	ALL		368667.1	3859548	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6312e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6312e-03
4693	ALL		368676.6	3859547	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6598e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6598e-03
4694	ALL		368685.6	3859537	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8541e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8541e-03
4695	ALL		368685.2	3859527	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.039e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.039e-03
4696	ALL		368684.8	3859517	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1977e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1977e-03
4697	ALL		368684.4	3859507	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2978e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2978e-03
4698	ALL		368684	3859497	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3771e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3771e-03
4699	ALL		368683.6	3859487	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4489e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4489e-03
4700	ALL		368683.2	3859477	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5536e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5536e-03
4701	ALL		368682.8	3859467	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6664e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6664e-03
4702	ALL		368682.4	3859457	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.782e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.782e-03
4703	ALL		368682	3859448	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8625e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8625e-03
4704	ALL		368681.6	3859438	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9367e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9367e-03
4705	ALL		368681.2	3859428	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0134e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0134e-03
4706	ALL		368680.8	3859418	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1343e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1343e-03
4707	ALL		368680.4	3859408	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.362e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.362e-03
4708	ALL		368680	3859398	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4992e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4992e-03
4709	ALL		368679.6	3859388	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6053e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6053e-03
4710	ALL		368679.2	3859378	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7086e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7086e-03
4711	ALL		368678.8	3859368	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.825e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.825e-03
4712	ALL		368678.4	3859358	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0071e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0071e-03
4713	ALL		368687.9	3859348	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.066e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.066e-03
4714	ALL		368697.7	3859347	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9502e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9502e-03
4715	ALL		368707.6	3859347	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8761e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8761e-03
4716	ALL		368717.4	3859347	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8262e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8262e-03
4717	ALL		368727.3	3859346	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7899e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7899e-03
4718	ALL		368737.1	3859346	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7641e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7641e-03
4719	ALL		368747	3859346	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.754e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.754e-03
4720	ALL		368756.8	3859345	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7528e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7528e-03
4721	ALL		368766.7	3859345	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7518e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7518e-03
4722	ALL		368776.5	3859345	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7651e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7651e-03
4723	ALL		368786.4	3859344	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7839e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7839e-03
4724	ALL		368796.2	3859344	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8019e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8019e-03
4725	ALL		368806.1	3859344	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8031e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8031e-03
4726	ALL		368815.9	3859343	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7968e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7968e-03
4727	ALL		368825.8	3859343	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7903e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7903e-03
4728	ALL		368835.6	3859343	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7851e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7851e-03
4729	ALL		368845.5	3859342	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7774e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7774e-03
4730	ALL		368855.3	3859342	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.769e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.769e-03
4731	ALL		368865.2	3859342	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7421e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7421e-03
4732	ALL		368875	3859342	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7025e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7025e-03
4733	ALL		368884.9	3859341	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6609e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6609e-03
4734	ALL		368894.7	3859341	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.632e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.632e-03
4735	ALL		368904.6	3859341	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6147e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6147e-03
4736	ALL		368914.4	3859340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5943e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5943e-03
4737	ALL		368924.3	3859340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5711e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5711e-03
4738	ALL		368934.1	3859340	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5446e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5446e-03
4739	ALL		368944	3859339	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.514e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.514e-03
4740	ALL		368953.8	3859339	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.48e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.48e-03
4741	ALL		368963.7	3859339	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4421e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4421e-03
4742	ALL		368973.5	3859338	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4011e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4011e-03
4743	ALL		368983.4	3859338	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3572e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3572e-03
4744	ALL		368993.2	3859338	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3098e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3098e-03
4745	ALL		369003.1	3859337	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2598e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2598e-03
4746	ALL		369012.9	3859337	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2044e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2044e-03
4747	ALL		369022.8	3859337	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1438e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1438e-03
4748	ALL		369032.6	3859336	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0773e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0773e-03
4749	ALL		369042.5	3859336	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0007e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0007e-03
4750	ALL		369052.3	3859336	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.909e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.909e-03
4751	ALL		369062.2	3859335	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7851e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7851e-03
4752	ALL		369071.6	3859325	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8229e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8229e-03
4753	ALL		369071.2	3859315	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9852e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9852e-03
4754	ALL		369070.8	3859306	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0736e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0736e-03
4755	ALL		369070.4	3859296	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0918e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0918e-03
4756	ALL		369070	3859286	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0532e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0532e-03
4757	ALL		369069.6	3859276	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9582e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9582e-03
4758	ALL		369069.2	3859266	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7869e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7869e-03
4759	ALL		369068.8	3859257	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5709e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5709e-03
4760	ALL		369068.4	3859247	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3687e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3687e-03
4761	ALL		369058.1	3859237	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4066e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4066e-03
4762	ALL		369048.2	3859238	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.681e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.681e-03
4763	ALL		369038.3	3859238	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.973e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.973e-03
4764	ALL		369028.4	3859238	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2005e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2005e-03
4765	ALL		369018.5	3859238	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3786e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3786e-03
4766	ALL		369008.6	3859239	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5249e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5249e-03
4767	ALL		368998.7	3859239	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6526e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6526e-03
4768	ALL		368988.8	3859239	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7708e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7708e-03
4769	ALL		368979	3859239	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8844e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8844e-03
4770	ALL		368969.1	3859240	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9991e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9991e-03
4771	ALL		368959.2	3859240	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1202e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1202e-03
4772	ALL		368949.3	3859240	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.251e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.251e-03
4773	ALL		368939.4

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
4797	ALL		368972.6	3859140	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1204e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.1204e-03
4798	ALL		368982.4	3859140	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0522e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	4.0522e-03
4799	ALL		368992.1	3859140	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9839e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9839e-03
4800	ALL		369001.9	3859139	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9131e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.9131e-03
4801	ALL		369011.7	3859139	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8393e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.8393e-03
4802	ALL		369021.4	3859139	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7605e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.7605e-03
4803	ALL		369031.2	3859138	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6733e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.6733e-03
4804	ALL		369041	3859138	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5751e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.5751e-03
4805	ALL		369050.7	3859138	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4577e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.4577e-03
4806	ALL		369060.5	3859138	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3054e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3054e-03
4807	ALL		369070.2	3859137	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.084e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.084e-03
4808	ALL		369079.5	3859127	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9355e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9355e-03
4809	ALL		369079	3859117	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0096e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0096e-03
4810	ALL		369078.5	3859107	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0402e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0402e-03
4811	ALL		369078	3859098	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0306e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0306e-03
4812	ALL		369077.5	3859088	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0164e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0164e-03
4813	ALL		369077	3859078	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9865e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9865e-03
4814	ALL		369076.5	3859068	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9387e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9387e-03
4815	ALL		369076	3859058	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8521e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8521e-03
4816	ALL		369075.5	3859048	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7433e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7433e-03
4817	ALL		369075	3859039	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6198e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6198e-03
4818	ALL		369074.5	3859029	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4979e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4979e-03
4819	ALL		369074	3859019	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3628e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3628e-03
4820	ALL		369073.5	3859009	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2055e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2055e-03
4821	ALL		369073	3858999	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0229e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0229e-03
4822	ALL		369072.5	3858989	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8196e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8196e-03
4823	ALL		369072	3858979	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6106e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6106e-03
4824	ALL		369071.5	3858970	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4158e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4158e-03
4825	ALL		369071	3858960	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2456e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2456e-03
4826	ALL		369070.5	3858950	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.106e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.106e-03
4827	ALL		369060.1	3858940	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0771e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.0771e-03
4828	ALL		369050.2	3858941	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1694e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.1694e-03
4829	ALL		369040.3	3858941	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2769e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2769e-03
4830	ALL		369030.4	3858942	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3907e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3907e-03
4831	ALL		369020.5	3858942	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5007e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5007e-03
4832	ALL		369010.6	3858942	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6026e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6026e-03
4833	ALL		369000.7	3858943	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6948e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6948e-03
4834	ALL		368990.8	3858943	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7788e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7788e-03
4835	ALL		368980.9	3858943	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8557e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8557e-03
4836	ALL		368971	3858944	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9271e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9271e-03
4837	ALL		368961.1	3858944	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9943e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9943e-03
4838	ALL		368951.1	3858945	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0586e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0586e-03
4839	ALL		368941.2	3858945	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.121e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.121e-03
4840	ALL		368931.3	3858945	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1827e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1827e-03
4841	ALL		368921.4	3858946	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2447e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2447e-03
4842	ALL		368911.5	3858946	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3092e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3092e-03
4843	ALL		368901.6	3858946	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.376e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.376e-03
4844	ALL		368891.7	3858947	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4473e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4473e-03
4845	ALL		368881.8	3858947	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5239e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5239e-03
4846	ALL		368871.9	3858948	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6139e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6139e-03
4847	ALL		368854.9	3858941	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5203e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5203e-03
4848	ALL		368847.7	3858934	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.346e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.346e-03
4849	ALL		368840.6	3858927	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1995e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1995e-03
4850	ALL		368833.5	3858921	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0777e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0777e-03
4851	ALL		368826.3	3858914	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9738e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.9738e-03
4852	ALL		368819.2	3858907	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8827e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8827e-03
4853	ALL		368812	3858900	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8065e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.8065e-03
4854	ALL		368804.9	3858893	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7422e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.7422e-03
4855	ALL		368797.8	3858886	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6882e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6882e-03
4856	ALL		368790.6	3858879	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6465e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6465e-03
4857	ALL		368783.5	3858873	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6114e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6114e-03
4858	ALL		368776.3	3858866	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5814e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5814e-03
4859	ALL		368769.2	3858859	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5555e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5555e-03
4860	ALL		368762.1	3858852	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5307e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5307e-03
4861	ALL		368754.9	3858845	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5068e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5068e-03
4862	ALL		368747.8	3858838	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4856e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4856e-03
4863	ALL		368740.7	3858831	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4666e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4666e-03
4864	ALL		368733.5	3858824	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4504e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4504e-03
4865	ALL		368726.4	3858818	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4401e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4401e-03
4866	ALL		368719.2	3858811	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4309e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4309e-03
4867	ALL		368712.1	3858804	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4224e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4224e-03
4868	ALL		368705	3858797	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4135e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4135e-03
4869	ALL		368697.8	3858790	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3995e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3995e-03
4870	ALL		368690.7	3858783	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3815e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3815e-03
4871	ALL		368683.6	3858776	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3573e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3573e-03
4872	ALL		368676.4	3858770	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3216e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3216e-03
4873	ALL		368669.3	3858763	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2685e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2685e-03
4874	ALL		368662.1	3858756	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2093e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.2093e-03
4875	ALL		368645.3	3858749	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.265e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.265e-03
4876	ALL		368635.7	3858749	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3685e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.3685e-03
4877	ALL		368626	3858749	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4587e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.4587e-03
4878	ALL		368616.3	3858750	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5325e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5325e-03
4879	ALL		368606.7	3858750	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5914e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.5914e-03
4880	ALL		368597	3858750	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6383e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.6383e-03
4881	ALL		368587.3	3858750	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.674e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	1.674e-03
4882	ALL		368577.7

*HARP - HRACalc v22118 6/8/2026 7:43:53 PM - Chronic Risk - Input File: C:\traffic\hra\30RESHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
4906	ALL		368456.2	3858870	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0947e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.0947e-03
4907	ALL		368456.6	3858880	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1261e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1261e-03
4908	ALL		368456.9	3858890	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1611e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.1611e-03
4909	ALL		368457.3	3858899	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2022e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2022e-03
4910	ALL		368457.7	3858909	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.244e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.244e-03
4911	ALL		368458	3858919	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2852e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.2852e-03
4912	ALL		368458.4	3858929	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3261e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3261e-03
4913	ALL		368458.7	3858939	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3668e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.3668e-03
4914	ALL		368459.1	3858948	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4028e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4028e-03
4915	ALL		368459.4	3858958	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.427e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.427e-03
4916	ALL		368459.8	3858968	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4505e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4505e-03
4917	ALL		368460.1	3858978	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4769e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.4769e-03
4918	ALL		368460.5	3858988	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5153e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5153e-03
4919	ALL		368460.8	3858998	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5542e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5542e-03
4920	ALL		368461.2	3859007	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5904e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.5904e-03
4921	ALL		368461.5	3859017	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6107e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6107e-03
4922	ALL		368461.9	3859027	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6303e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6303e-03
4923	ALL		368462.2	3859037	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6523e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6523e-03
4924	ALL		368462.6	3859047	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6902e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.6902e-03
4925	ALL		368462.9	3859057	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7291e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7291e-03
4926	ALL		368463.3	3859066	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.767e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.767e-03
4927	ALL		368463.7	3859076	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7858e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.7858e-03
4928	ALL		368464	3859086	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8041e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8041e-03
4929	ALL		368464.4	3859096	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8224e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8224e-03
4930	ALL		368464.7	3859106	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8615e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.8615e-03
4931	ALL		368465.1	3859115	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.899e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.899e-03
4932	ALL		368465.4	3859125	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9344e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9344e-03
4933	ALL		368465.8	3859135	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9684e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9684e-03
4934	ALL		368466.1	3859145	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9921e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	2.9921e-03
4935	ALL		368466.5	3859155	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.006e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.006e-03
4936	ALL		368466.8	3859165	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0228e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0228e-03
4937	ALL		368467.2	3859174	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0431e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0431e-03
4938	ALL		368467.5	3859184	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0656e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0656e-03
4939	ALL		368467.9	3859194	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0741e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0741e-03
4940	ALL		368468.2	3859204	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0851e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.0851e-03
4941	ALL		368468.6	3859214	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1033e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1033e-03
4942	ALL		368468.9	3859224	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1533e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.1533e-03
4943	ALL		368469.3	3859233	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2333e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.2333e-03
4944	ALL		368469.7	3859243	NonCancerChronicDerived_InhSoilDermMMilk	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3583e-03	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	3.3583e-03

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Attachment 4: HARP2 Electronic Input/Output Files

All modeling input and output files are available electronically upon request to the Kern County Planning and Natural Resources Department

Attachment 5: AERMOD Electronic Input/Output Files

All modeling input and output files are available electronically upon request to the Kern County Planning and Natural Resources Department

Appendix B3
Supplemental Air Quality and Greenhouse Gas Modeling Technical Memorandum

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TO: **Keith Alvidrez**
Supervising Planner – Advanced Planning Division
Kern County Planning & Natural Resources
2700 M Street, Bakersfield, CA 93301

FROM: **Amy DiCarlantonio, Project Manager**
WSP USA, Inc.

DATE: July 27, 2026

SUBJECT: **Supplemental Air Quality and Greenhouse Gas Emissions Modeling Technical Memorandum for the Euismod Energy Storage Project**

INTRODUCTION

An *Air Quality and Greenhouse Gas Emissions Technical Report*, *Construction Health Risk Assessment*, and *Energy Utilization Study* were prepared by TRC, Inc. for the Euismod Energy Storage project (project) in June 2026. Review of these reports identified several deficiencies and inconsistencies that required further evaluation and revision. To address these issues and support preparation of the Draft Environmental Impact Report (EIR), supplemental air quality and greenhouse gas (GHG) dispersion modeling and emission calculations were conducted. This supplemental technical memorandum summarizes the methodology, assumptions, and updates applied to the revised modeling and emission estimates that will be used to support the Draft EIR impact analysis.

PROJECT BACKGROUND

The project consists of the development and operation of a utility-scale battery energy storage system (BESS) facility on approximately 120 acres in unincorporated southeastern Kern County, California. The project would provide up to 9,200 megawatt-hours (MWh) of energy storage capacity using lithium-ion battery technology to store electricity from the regional electrical grid and discharge that electricity back to the grid as needed to support grid reliability and energy demand. The project would include battery storage arrays and associated support infrastructure distributed among three primary development areas (North, South, and West BESS areas). Ancillary facilities would include collector substations, communications and control systems, operations and maintenance buildings, energy storage support facilities, internal access roads, water and power infrastructure, and a temporary construction laydown area. The project may be constructed in multiple phases, beginning with the North and South BESS areas. Initial operations would commence using storage capacity in the South BESS area and the collector substation located within the North BESS area, while construction of additional storage capacity in the North BESS area continues. Construction of the West BESS area would occur last.

The project would also include two 220-kilovolt overhead transmission lines (tie-lines) that would interconnect with the existing Southern California Edison (SCE) Whirlwind Substation located adjacent to the project site. In addition, two independent fiberoptic communication lines would be installed for each tie-line to provide system reliability and would connect the collector substations to the existing communications room at the Whirlwind Substation. SCE work inside the existing Whirlwind Substation fenceline installation would include two dead-end structures for the tie-lines, along with a new line position and switchrack position for each of the tie-lines.

SCE would be responsible for the construction, operation, and maintenance of the Whirlwind Substation upgrades and tie-lines. SCE's activities associated with the tie-lines and interconnections would occur concurrently with on-site construction. Construction of the eastern tie-line would be timed to ensure that the interconnection is available when the South BESS and North BESS area facilities are ready for testing and commissioning. Similarly, construction of the western tie-line would be

coordinated to ensure that the interconnection is available when the West BESS area facilities are ready for testing and commissioning.

The project is anticipated to operate for up to 35 years, after which the project proponents would either pursue continued operation through applicable permitting processes or decommission the facility. In the event of decommissioning, project facilities would be removed, and the site would be restored or converted to an alternative use consistent with applicable regulations in effect at that time.

METHODOLOGY

The project site is located in the northwestern portion of the Mojave Desert Air Basin (MDAB) and is under the jurisdiction of the Eastern Kern Air Pollution Control District (EKAPCD). Kern County's *Guidelines for Preparing an Air Quality Assessment for Use in Environmental Impact Reports* (Kern County 2006) and the *Guidelines for Implementation of the California Environmental Quality Act* (EKAPCD 1999) were followed in preparing this supplemental analysis, as applicable to the project. Construction and operational criteria air pollutant and GHG emissions were estimated using the California Emissions Estimator Model (CalEEMod) Version 2022.1.1.44 by TRC. All modeling input and output files are available electronically upon request to the Planning and Natural Resources Department.

EMISSION UPDATES

Operational emergency generator emissions were determined to have been calculated inconsistently with the applicant-provided equipment specifications presented in the *Air Quality and Greenhouse Gas Technical Report* (TRC 2026). This supplemental technical memorandum presents the updated emissions calculations associated with the applicant-provided equipment specifications. The recalculated emissions for the emergency generators were prepared independently of CalEEMod using the following assumptions:

- Four 250 kilowatt (389 horsepower), Tier 3 diesel-fueled engines.
- A fuel consumption rate of 19.1 gallons per hour, based on a similarly sized Generac SD250 generator identified by the applicant.
- Annual operation limited to 50 hours per year, consistent with the California Air Resources Board's (CARB) Airborne Toxic Control Measure (ATCM) requirements for Tier 3 emergency standby engines.
- Emission Factors based on U.S. Environmental Protection Agency (USEPA) Tier 3 engine emission standards.

The revised emergency generator emissions were incorporated into the project's total operational emissions inventory by replacing the previously modeled stationary-source emissions from the CalEEMod results. The updated emission totals, including the revised emergency generator emissions, are provided in **Attachment A** of this supplemental technical memo.

MODELING AND HRA UPDATES

WSP air quality experts conducted supplemental dispersion modeling of maximum 24–hour average concentrations of PM_{10} and $PM_{2.5}$ at the project boundary and prepared an updated Health Risk Assessment (HRA). Review of the previous dispersion modeling and HRA methodology identified several deficiencies that adversely affected the assessment of construction-related impacts, including the following:

- Emissions used in the PM impact analysis represented annual emissions for a single construction year and were described to be associated with the North and South BESS Areas (approximately one-half of the total project area). However, the modeled area source encompassed the North,

South, and West BESS areas. Because emissions are expressed as g/m^2/s, the larger modeled source area reduced the calculated emissions intensity.

- Similarly, the HRA source emissions were diluted from the use of a model area larger than the construction footprint represented by the emissions inventory.
- The modeled project fenceline and associated impact area did not match the applicant-provided fenceline.
- Additional potential residential and sensitive receptors located within a mile of the project site were not identified in the original analysis. Additionally, discrete receptors were not placed at all of these locations.
- Cancer risk calculations presented in the original HRA Report assumed a 30-year exposure duration for construction and subsequently adjusted the total risk values outside of HARP2 by dividing total risk by 30, resulting in an underestimation of short-term construction-related cancer risk.

To address these deficiencies, the following revisions were made:

- The construction area source footprint was revised to reflect the North and South BESS Areas for the PM_{10} and $PM_{2.5}$ analyses and HRA modeling.
- The project fenceline was updated to match the applicant-provided fenceline.
- Five potentially sensitive receptors were located within one mile of the project and are included in the revised analysis. Approximate locations of potentially sensitive receptors are identified in **Attachment B.**
- Cancer risk was recalculated using the updated AERMOD output files. All assumptions outlined in the original *Construction Health Risk Assessment* (TRC 2026) remain unchanged except for exposure duration, which was revised to two years to reflect the anticipated total construction duration.

ENERGY CONSUMPTIONS UPDATES

Review of the *Energy Utilization Evaluation Report* (TRC 2026) identified inconsistencies between the described methodology and the reported fuel consumption calculations for on-road vehicles and off-road construction equipment. To ensure consistency, fuel consumption was recalculated using the CO_2 emissions estimates from the *Air Quality and Greenhouse Gas Emissions Report* (TRC 2026) and USEPA conversion factors expressed in kilograms of CO_2 per gallon of fuel. The revised construction fuel consumption estimates are provided in **Table C-1** within **Attachment C** of this supplemental technical memo.

Emergency generator fuel consumption was similarly recalculated based on the revised emissions estimates. The resulting emergency generator fuel consumption estimates were incorporated into the project's operational energy analysis and replace the previously calculated generator fuel use values. The revised emergency generator fuel consumption totals are presented in **Attachment A**.

FINDINGS

Results of the updated PM_{10} and $PM_{2.5}$ Ambient Air Quality Analyses (AAQA) are shown in **Table 1**. As provided in **Table 1**, project construction would generate ambient construction levels of PM10 above the applicable thresholds at the project fenceline.

Note: Unmitigated construction emissions are below EKAPCD significance thresholds and maximum AAQA impacts are located at the property line.

TABLE 1. 24-HOUR PM_{10} AND $PM_{2.5}$ AMBIENT AIR QUALITY SIGNIFICANT IMPACT LEVEL (SIL) ANALYSES

Pollutant	Maximum Concentration (µg/m³)	SIL (µg/m³)	>SIL?	Impact Location
PM_{10}[a]	5.30	5	Yes	368880, 3859242
$PM_{2.5}$[b]	0.86	1.2	No	368875, 3859143

Key: SIL = Significant Impact Level; µg/m³ = microgram per cubic meter

Notes:
[a] Modeled result represents the high-first-high 24-hour modeled concentration.
[b] Modeled result represents the high-first-high five-year average 24-hour modeled concentration

Results of the updated construction HRA are shown in **Table 2**. The cancer risk presented in the analysis assumes worst-case construction conditions, including the operation of all construction activities occurring simultaneously for 11 hours a day and incorporation of emissions from the construction activities associated with the Whirlwind Substation upgrades and tie-lines. Typical construction emissions exposure levels would likely be lower because construction activities would occur in phases, emission sources would change as the location of the work being conducted moves throughout the project site over time, and the weather conditions would vary. In addition, the construction equipment used in CalEEMod assumes an average EPA engine Tier for emission calculations.

TABLE 2. CONSTRUCTION HRA RESULTS SUMMARY

Harp Index	Receptor Type	Cancer Risk (per million)	Chronic Hazard Index	Receptor Coordinates	
				Easting (m)	Northing (m)
1	Residence 1	1.5	0.001	369,246	3,859,693
2	Residence 2	2.0	0.001	369,228	3,859,585
3	Residence 3	2.6	0.002	369,188	3,859,503
4	Residence 4	1.3	0.001	369,446	3,859,395
5	Residence 5	0.1	>0.001	370,223	3,858,782

ATTACHMENT A: OPERATIONAL EMISSION UPDATES

Operational Emergency Generator Emissions

Parameter	Value	Units
Fuel Type	Diesel	--
No. of Generators	4	--
Engine Tier[1]	3	--
Rated Power[1]	250	ekW
Rated Power[1]	389	hp
Diesel Heat Content	0.138	MMBtu/gal
Engine Heat Input	2.6	MMBtu/hr
Fuel Consumption [1]	19.1	gal/hour
Annual Operation[2]	50	hours/year
Annual Fuel Usage (All Engines)	3,820	gal/year

			Emissions			
Pollutant	Emission Factor	Unit	lb/hr[8]	lb/day[9]	TPY[10]	MT/yr
NOx[3]	2.8	g/bhp-hr	2.4	9.61	0.24	-
CO[3]	2.6	g/bhp-hr	2.2	8.92	0.22	-
PM_{10}[3]	0.15	g/bhp-hr	0.1	0.51	0.01	-
$PM_{2.5}$[3]	0.15	g/bhp-hr	0.1	0.51	0.01	-
SO_2[4]	2.05E-03	lb/bhp-hr	0.8	3.19	0.08	-
VOC (VHC)[3]	0.1998	g/bhp-hr	0.2	0.69	0.02	-
CO_2[5]	73.96	kg CO_2/mmBtu	430	1,719	43	38.99
CH_4[6]	3.00E-03	kg CH_4/mmBtu	0	0.07	0.00	0.00
N_2O[6]	6.00E-04	kg N_2O/mmBtu	0	0.01	0.00	0.00
CO_2e[7]			431	1,725	43	39

1. Applicant provided specification sheet, *Generac SD250 Generator_SpecSheet_Euismod.PDF*
2. Maximum operating hours based on Table 1. Tier 3 Engine Req. Tit. 17, § 93115 - Airborne Toxic Control Measure for Stationary Compression Ignition (CI) Engines
3. USEPA Emission Standards for Tier 3 Engines. https://www.ourair.org/emission-factors-2/#data-table
4. Emission factor from AP-42 Table 3.3.-1. https://www.epa.gov/system/files/documents/2025-04/c03s03_april2025.pdf
5. Emission factors (kg/MMBtu) based on 40 CFR Subchapter C Part 98 Table C-1.
6. Emission factors (kg/MMBtu) based on 40 CFR Subchapter C Part 98 Table C-2.
7. Consistent with CalEEMod GWPs for CO2, CH4, and N2O from IPCC's (2007) Fourth Assessment Report.
8. Hourly emissions are assumed per engine
9. Daily emissions assume each engine could operate up to one hour per day
10. Annual operation hours are based on 4 units operating up to 50 hours per year

1 Ton = 0.907185 Metric Ton

Criteria Pollutants: Maximum Daily Emissions (lb/day)

2.4. Operations Emissions by Sector, Unmitigated

Sector	ROG	NOx	CO	SO2	PM10T	PM2.5T
Daily, Summer (Max)	—	—	—	—	—	—
Mobile	0.97281	1.79359	13.5466	0.03374	2.80841	0.73908
Area	0.04187	0.00044	0.05219	<0.000005	0.00009	0.00007
Energy	0	0	0	0	0	0
Water	—	—	—	—	—	—
Waste	—	—	—	—	—	—
Off-Road	0.35403	3.13077	4.01628	0.00584	0.17687	0.16272
Stationary[1]	0.82042	2.29336	0.10622	0.00394	0.00563	0.00563
Original Total[2]	**2.18914**	**7.21816**	**17.7213**	**0.04353**	**2.99101**	**0.90751**

Total w/o EGEN	**1.37**	**4.92**	**17.62**	**0.04**	**2.99**	**0.90**
Stationary (NEW)[3]	0.69	9.61	8.92	3.19	0.51	0.51
Total (NEW)[4]	**2.05**	**14.53**	**26.53**	**3.23**	**3.50**	**1.42**

1. Original Operational Emergency Generator (Stationary) Totals Calculated with CalEEMod
2. Original Operational Emission Total with CalEEMod calculated Operational Emergency generators (Stationary)
3. New Operational Emergency Generator (Stationary) Totals Calculated in Workbook
4. New Operational Emission Total with Workbook Calculated Operational Emergency generators (Stationary)

Criteria Pollutants: Annual Emissions (ton/yr) and GHGs (MT/yr)

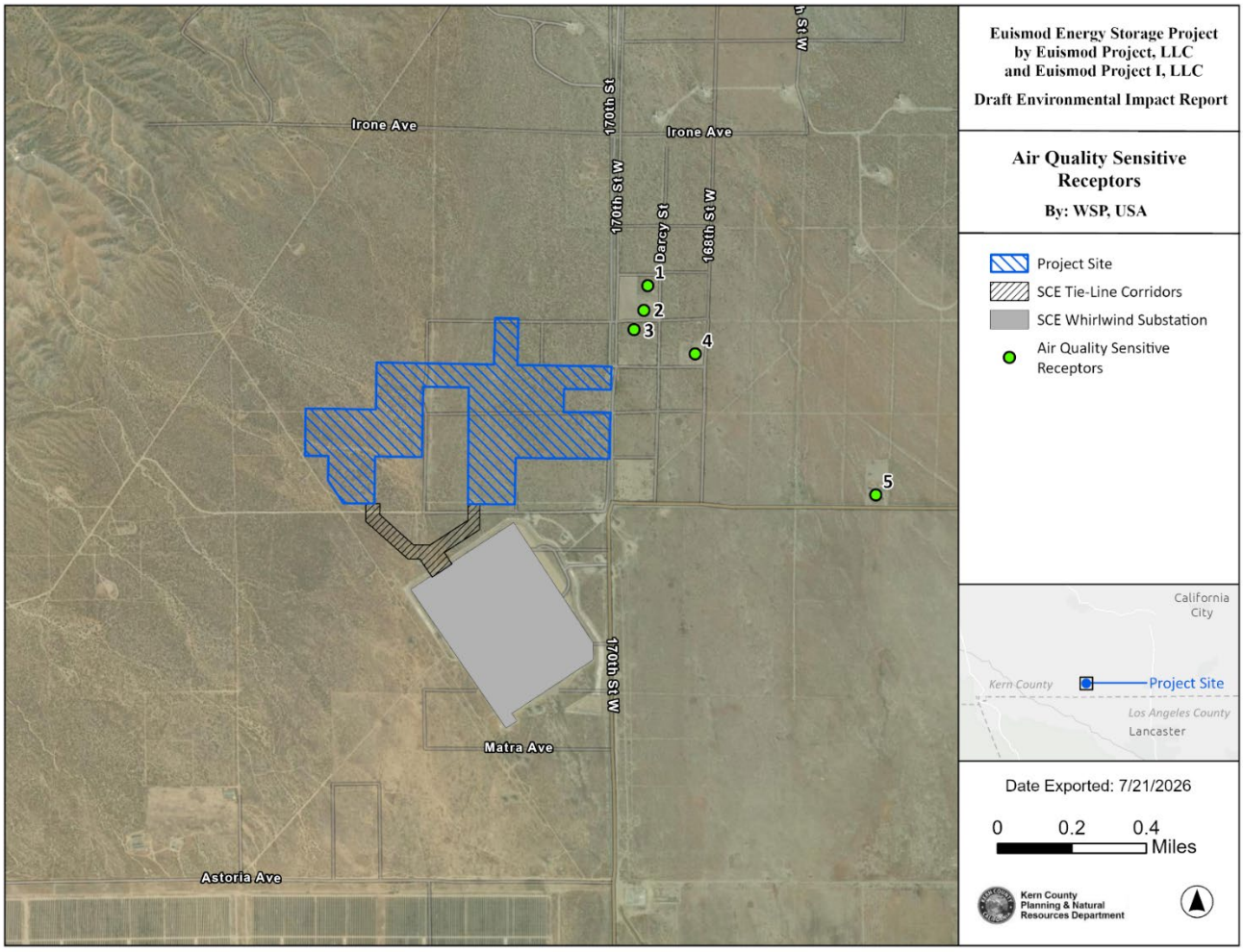
2.4. Operations Emissions by Sector, Unmitigated

Sector	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2T	CH4	N2O	CO2e
Annual	—	—	—	—	—	—	—	—	—	—
Mobile	0.02524	0.0546	0.31345	0.00088	0.07661	0.02018	81.5107	0.00234	0.00434	82.9823
Area	0.00685	0.00004	0.0047	<0.000005	0.00001	0.00001	0.01752	<0.000005	<0.000005	0.01759
Energy	0	0	0	0	0	0	0.4938	0.00003	<0.000005	0.49567
Water	—	—	—	—	—	—	0	0	0	0
Waste	—	—	—	—	—	—	0	0	0	0
Off-Road	0.0022	0.01928	0.02572	0.00004	0.00109	0.001	3.68996	0.00015	0.00003	3.70262
Stationary[1]	0.00492	0.01376	0.00064	0.00002	0.00003	0.00003	2.28479	0.00009	0.00002	2.29241
Original Total[2]	**0.03921**	**0.08768**	**0.3445**	**0.00094**	**0.07775**	**0.02122**	**87.9968**	**0.00261**	**0.00439**	**89.4906**

Total w/o EGEN	**0.03**	**0.07**	**0.34**	**0.00**	**0.08**	**0.02**	**85.71**	**0.00**	**0.00**	**87.20**
Stationary (NEW)[3]	0.02	0.24	0.22	0.08	0.01	0.01	38.99	0.00	0.00	39.12
Total (NEW)[4]	**0.05**	**0.31**	**0.57**	**0.08**	**0.09**	**0.03**	**124.70**	**0.00**	**0.00**	**126.32**

1. Original Operational Emergency Generator (Stationary) Totals Calculated with CalEEMod
2. Original Operational Emission Total with CalEEMod calculated Operational Emergency generators (Stationary)
3. New Operational Emergency Generator (Stationary) Totals Calculated in Workbook
4. New Operational Emission Total with Workbook Calculated Operational Emergency generators (Stationary)

ATTACHMENT B: SENSITIVE RECEPTORS LOCATIONS



ATTACHMENT C: CONSTRUCTION FUEL CONSUMPTION UPDATES

TABLE C-1: CONSTRUCTION FUEL CONSUMPTION UPDATES

Phase	2027			
	Activity	Fuel Type	Emissions $MTCO_2$	Fuel Usage (gals)
SCE Whirlwind SS IT/Telecom	Off-Road Equipment	Diesel	7.70	755
	Onsite Truck	Diesel	0.22	21
	Worker Trips	Gasoline	2.01	229
	Vendor Trips	Diesel	0.00	0
	Hauling Trips	Diesel	2.50	244
Onsite Clearing/Grading	Off-Road Equipment	Diesel	265.40	25,994
	Onsite Truck	Diesel	4.85	475
	Worker Trips	Gasoline	19.23	2,190
	Vendor Trips	Diesel	7.36	721
	Hauling Trips	Diesel	68.98	6,756
SCE Clear Veg. & Install T-line Supports & UG	Off-Road Equipment	Diesel	47.32	4,635
	Onsite Truck	Diesel	0.57	56
	Worker Trips	Gasoline	8.05	917
	Vendor Trips	Diesel	0.00	0
	Hauling Trips	Diesel	7.49	733
Onsite Trench/Backfill	Off-Road Equipment	Diesel	49.33	4,831
	Onsite Truck	Diesel	0.60	59
	Worker Trips	Gasoline	14.99	1,707
	Vendor Trips	Diesel	5.02	492
	Hauling Trips	Diesel	0.00	0
Onsite Equipment Foundations & T-Poles	Off-Road Equipment	Diesel	309.01	30,266
	Onsite Truck	Diesel	6.85	671
	Worker Trips	Gasoline	114.77	13,071
	Vendor Trips	Diesel	8.79	861
	Hauling Trips	Diesel	100.65	9,858
SCE T-line OH	Off-Road Equipment	Diesel	9.08	890
	Onsite Truck	Diesel	0.23	22
	Worker Trips	Gasoline	2.81	320
	Vendor Trips	Diesel	0.00	0
	Hauling Trips	Diesel	2.61	256
SCE Whirlwind SS Civil & Elect.	Off-Road Equipment	Diesel	16.86	1,651
	Onsite Truck	Diesel	0.55	54
	Worker Trips	Gasoline	7.67	873
	Vendor Trips	Diesel	0.00	0

	Hauling Trips	Diesel	7.13	698
Onsite SS Construction	Off-Road Equipment	Diesel	66.80	6,543
	Onsite Truck	Diesel	1.71	168
	Worker Trips	Gasoline	23.95	2,728
	Vendor Trips	Diesel	10.70	1,048
	Hauling Trips	Diesel	7.43	727
Onsite Equipment Installation	Off-Road Equipment	Diesel	271.96	26,636
	Onsite Truck	Diesel	4.63	453
	Worker Trips	Gasoline	89.96	10,246
	Vendor Trips	Diesel	38.59	3,780
	Hauling Trips	Diesel	0.00	0
Onsite Pave/Gravel/Landscape	Off-Road Equipment	Diesel	218.75	21,425
	Onsite Truck	Diesel	10.12	991
	Worker Trips	Gasoline	37.05	4,220
	Vendor Trips	Diesel	9.93	973
	Hauling Trips	Diesel	155.08	15,189

TABLE C-2. SUMMARY OF CONSTRUCTION FUEL CONSUMPTION

Activity	Fuel Type	kg CO_2/gal	2027 Emissions ($MTCO_2$)	2027 Fuel Usage (gals)	Project Fuel Usage (gals)
Off-Road Equipment	Diesel	10.21	1,262.21	123,625	253,190
Onsite Truck	Diesel	10.21	30.32	2,970	
Worker Trips	Gasoline	8.78	320.48	36,502	73,003
Vendor Trips	Diesel	10.21	80.41	7,876	84,678
Hauling Trips	Diesel	10.21	351.87	34,463	
		Total	**2,045.30**	**205,436**	**410,871**

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