

**Air Quality Technical Report
for the
Newland Sierra Project
San Diego County, California**

Prepared For:

**County of San Diego
Planning & Development Services**
5510 Overland Avenue, Suite 110
San Diego, California 92123

Project Proponent:

Newland Sierra, LLC
4790 Eastgate Mall, Suite 150
San Diego, California 92121
Contact: Rita Brandin

DUDEK
605 Third Street
Encinitas, California 92024
Contact: David Deckman

A handwritten signature in blue ink that reads "David Deckman". The signature is written in a cursive style and is positioned above a horizontal line.

JUNE 2017

Air Quality Technical Report for the Newland Sierra Project

TABLE OF CONTENTS

<u>Section</u>	<u>Page No.</u>
ACRONYMS AND ABBREVIATIONS.....	V
EXECUTIVE SUMMARY	VII
1 INTRODUCTION.....	11
1.1 Purpose of the Report.....	11
1.2 Project Location and Description.....	11
1.2.1 Project Location	11
1.2.2 Existing Land Uses	11
1.2.3 Project Components	12
2 EXISTING CONDITIONS	31
2.1 Existing Setting	31
2.2 Climate and Meteorology	31
2.3 Regulatory Setting	33
2.3.1 Federal.....	33
2.3.2 State.....	33
2.3.3 Local	40
2.4 Background Air Quality.....	43
2.4.1 Pollutants and Effects	43
2.4.2 SDAB Attainment Designation.....	48
2.4.3 Air Quality Monitoring Data	50
3 SIGNIFICANCE CRITERIA AND ANALYSIS METHODOLOGIES	53
3.1 Construction Emissions Estimates and Methodology.....	56
3.1.1 Construction Equipment and Vehicle Trips.....	56
3.1.2 Blasting Emissions Methodology	59
3.1.3 Rock Crushing Emissions Methodology	60
3.1.4 Diesel Particulate Matter Health Risk Analysis Methodology	62
3.2 Operational Emissions Estimates and Methodology	65
3.2.1 Criteria Pollutant Emission Estimates	65
3.2.2 Health Risk Assessment Modeling and Methodology.....	66
4 PROJECT IMPACT ANALYSIS	69
4.1 Conformance to the RAQS	69
4.1.1 Guideline for the Determination of Significance.....	69
4.1.2 Significance of Impacts Prior to Mitigation.....	69
4.1.3 Mitigation Measures and Design Considerations	71

Air Quality Technical Report for the Newland Sierra Project

TABLE OF CONTENTS (CONTINUED)

<u>Section</u>	<u>Page No.</u>
4.1.4 Conclusions	71
4.2 Conformance to Federal and State Ambient Air Quality Standards	71
4.2.1 Construction Impacts	71
4.2.2 Operational Impacts	81
4.3 Cumulatively Considerable Net Increase of Criteria Pollutants	89
4.3.1 Construction Impacts	90
4.3.2 Operational Impacts	93
4.4 Impacts to Sensitive Receptors	95
4.4.1 Construction Impacts	97
4.4.2 Operational Impacts	105
4.5 Odor Impacts.....	112
4.5.1 Guidelines for the Determination of Significance	112
4.5.2 Significance of Impacts Prior to Mitigation.....	115
4.5.3 Mitigation Measures and Design Considerations	116
4.5.4 Conclusion	116
5 SUMMARY OF RECOMMENDED PROJECT DESIGN FEATURES, IMPACTS, AND MITIGATION MEASURES.....	117
5.1 Project Design Features	117
5.2 Impacts.....	120
5.3 Mitigation Measures	122
6 REFERENCES.....	129
7 LIST OF PREPARERS.....	133

Air Quality Technical Report for the Newland Sierra Project

TABLE OF CONTENTS (CONTINUED)

Page No.

APPENDICES

A	Construction Schedule and Assumptions
B	CalEEMod Output Files and Average Operational Trip Length Data
C	Health Risk Assessment
D	Blasting and Rock Crushing Emissions Estimates
E	AERMOD Output Files and Cancer Risk Estimates
F	Silica Dust Analysis
G	CALINE4 Output Files

FIGURES

1	Regional Map.....	15
2	Vicinity Map.....	17
3	Site Plan.....	19
4	Phasing Plan.....	25
5	Cumulative Projects Map.....	113

TABLES

1	Sierra Town Center.....	13
2	The Terraces Neighborhood.....	21
3	The Valley Neighborhood.....	21
4	The Hillside Neighborhood.....	22
5	The Knoll Neighborhood.....	22
6	The Mesa Neighborhood.....	23
7	The Summit Neighborhood.....	24
8	Ambient Air Quality Standards.....	34
9	Regulatory Exposure Levels for Crystalline Silica.....	48
10	SDAB Attainment Classification.....	49
11	Ambient Air Quality Data.....	50
12	Frequency of Air Quality Standard Violations.....	51
13	SDAPCD Air Quality Significance Thresholds.....	55
14	Construction Phasing and Equipment List.....	57
15	Construction Grading Estimates.....	59
16	Blasting Characteristics.....	60
17	Rock Crushing Characteristics.....	62

Air Quality Technical Report for the Newland Sierra Project

TABLE OF CONTENTS (CONTINUED)

	<u>Page No.</u>
18 Blasting Emissions (pounds per day).....	73
19 Rock Crushing Emissions (pounds per day).....	74
20 Estimated Daily Maximum Construction Emissions (pounds per day) - Unmitigated	75
21 Estimated Daily Maximum Construction Emissions (pounds per day) - Mitigated	80
22 Estimated Daily Maximum Operational Emissions (pounds per day).....	82
23 Estimated Daily Maximum Combined Construction and Operational Emissions (lbs/day)	83
24 Pollutants, Sources, Health Effects and Attainment Status	96
25 Summary of DPM Concentrations.....	101
26 Summary of Maximum Cancer Risks - Construction DPM Emissions.....	101
27 Summary of Maximum Chronic Hazard Indices – Construction DPM Emissions	101
28 CALINE4 Predicted CO Concentrations	107

Air Quality Technical Report for the Newland Sierra Project

ACRONYMS AND ABBREVIATIONS

Acronym/Abbreviation	Definition
APCD	Air Pollution Control District
AQMD	Air Quality Management District
ATCM	Airborne Toxic Control Measure
BACT	Best Available Control Technology
CAA	federal Clean Air Act
CAAQS	California Ambient Air Quality Standards
CalOSHA	California Occupational Health and Safety Administration
CARB	California Air Resources Board
CEQA	California Environmental Quality Act
CNG	compressed natural gas
CO	carbon monoxide
DPM	diesel particulate matter
EPA	U.S. Environmental Protection Agency
EV	electric-powered vehicle
HAP	hazardous air pollutant
$\mu\text{g}/\text{m}^3$	micrograms per cubic meter
MEIR	Maximally Exposed Individual Resident
MUP	major use permit
MW	megawatt
NAAQS	National Ambient Air Quality Standards
NH_3	ammonia
NO_x/NO_2	nitrogen oxides/nitrogen dioxide
O_3	ozone
O&M	operations and maintenance
OEHHA	Office of Environmental Health Hazard Assessment
Pb	lead
PCS	plant control system
$\text{PM}_{2.5}$	particulate matter with an aerodynamic diameter less than or equal to 2.5 microns
PM_{10}	particulate matter with an aerodynamic diameter less than or equal to 10 microns
ppm	parts per million
RAQS	San Diego County's Regional Air Quality Strategy
RAST	Risk Assessment Standalone Tool
SANDAG	San Diego Association of Governments
SCADA	supervisory control and data acquisition
SCAQMD	South Coast Air Quality Management District
SDAB	San Diego Air Basin
SDAPCD	San Diego Air Pollution Control District
SDG&E	San Diego Gas & Electric
SF	square feet
SIP	State Implementation Plan
SO_x/SO_2	sulfur oxides/sulfur dioxide

Air Quality Technical Report for the Newland Sierra Project

Acronym/Abbreviation	Definition
TAC	toxic air contaminant
T-BACT	Toxics–Best Available Control Technology
TDM	Transportation Demand Management
VMT	vehicle miles traveled
VOC	volatile organic compound

EXECUTIVE SUMMARY

The Newland Sierra Project (hereafter referred to as “project” or “proposed project”) would be located on 1,985 acres in unincorporated San Diego County and would include seven neighborhoods (also referred to as “planning areas”) with a total of 2,135 residential units; a Town Center consisting of residences, 81,000 square feet of commercial space, and a 6-acre school site; and parks and open spaces. The proposed project would include a variety of housing types, some of which would be designed with grade-adaptive architecture (grade-adaptive architecture minimizes grading by incorporating one or more steps in the ground floor that conform to the underlying slope of the Site). A Community-wide linear park and trail network would act as the connective thread that unites the various neighborhood parks and Community trails, creating a link to open space trails and a sense of walkability throughout the Community. This network would include a system of bike lanes, multi-use pathways, primary and secondary trails that extend throughout the neighborhoods and the open space preserve. This air quality impact analysis evaluates the potential for significant adverse impacts to air quality due to construction and operational emissions resulting from the proposed project.

Regarding consistency with local air quality plans, although the project would include sustainability features to reduce single-passenger-vehicular trips and vehicle miles traveled (VMT), the project would result in a more intense land use than currently allowed under the County of San Diego’s existing General Plan. As the proposed project would contribute to local population and employment growth and associated VMT in an amount not anticipated for the project Site by the General Plan, the project’s growth is not accounted for in the State Implementation Plan or Regional Air Quality Strategy, and the proposed project would potentially not be consistent with those air quality plans. Mitigation measure M-AQ-1 would be implemented to require coordination with the San Diego Association of Governments and the San Diego Air Pollution Control District (SDAPCD) to provide an updated population, housing, and employment forecast for the project Site for incorporation into the future Regional Air Quality Strategy update. However, because implementation of M-AQ-1 is not within the control of the County of San Diego or the project applicant, impacts would remain **significant and unavoidable**.

Construction of the proposed project would result in a temporary addition of pollutants to the local airshed caused by soil disturbance, fugitive dust emissions, and combustion pollutants from on-site construction equipment and from off-site trucks hauling construction materials. The analysis concludes that daily construction emissions would exceed the County of San Diego’s daily significance thresholds for oxides of volatile organic compounds (VOCs), nitrogen (NO_x), carbon monoxide (CO), particulate matter with an aerodynamic diameter less than or equal to 10 microns (PM_{10}), and particulate matter with an aerodynamic diameter less than or equal to 2.5 microns ($\text{PM}_{2.5}$). Daily construction emissions would not exceed the

Air Quality Technical Report for the Newland Sierra Project

County of San Diego's daily thresholds for sulfur oxides (SO_x). Air quality impacts resulting from construction, therefore, would be potentially significant. Implementation of mitigation measures M-AQ-2 through M-AQ-4 would not reduce emissions to a level that is below the County of San Diego's thresholds for NO_x, CO, PM₁₀, and PM_{2.5} therefore, construction impacts would be **significant and unavoidable**.

Additionally, operational emissions for VOC, CO, PM_{2.5} and PM₁₀ were found to be potentially significant. The primary source of VOC emissions is use of consumer products, which are subject to California Air Resources Board regulations and could not be mitigated further by project design features (PDFs). The primary source of PM₁₀ is fugitive dust from vehicles traveling on paved roads; these emissions could not be mitigated further except to the extent that the PDFs would reduce VMT. Following implementation of PDF- 1 through PDF-32 and mitigation measures M-AQ-5 through M-AQ-8, proposed project operational emissions would remain **significant and unavoidable**.

Cumulative construction and operational emissions were found to be significant and unavoidable when considering the proposed project in combination with other existing and foreseeable future projects in the proposed project vicinity. Because other cumulative projects would have the potential to be constructed in the project vicinity, cumulative construction emissions could further exacerbate emissions (see Table 20 and Table 21, below). Following implementation of M-AQ-2 through M-AQ- 4, cumulative construction emissions would remain **significant and unavoidable**. Operation of the proposed project would result in a cumulatively considerable net increase of criteria pollutants. PDF- 1 through PDF-32 and mitigation measures M-AQ-5 through M-AQ-8 would be implemented, which would reduce operational criteria pollutant emissions; however, emissions would not be reduced to a level that is less than significant. When considered with other cumulative projects in the proposed project vicinity, cumulative operational emissions would be **significant and unavoidable**.

Regarding impacts to sensitive receptors, impacts would be less than significant from the creation of CO hotspots during construction; therefore, impacts related to CO near sensitive receptors would be **less than significant**. Similarly, neither the state 1-hour standard nor the 8-hour standard would be equaled or exceeded at any of the intersections analyzed during project operation, and potential CO hotspot impacts would be **less than significant**.

Impacts related to cancer risk and chronic hazard from diesel particulate matter would be below the County of San Diego's thresholds during construction activities; therefore, impacts would be **less than significant**.

Air Quality Technical Report for the Newland Sierra Project

Impacts related to crystalline silica would be **less than significant**; however, mitigation measures M-AQ-9 and M-AQ-10 would be implemented to reduce the release of fugitive dust into the air during blasting and general construction activities.

Regarding operational health risk, students attending the school on Site would be exposed to a maximum cancer risk of approximately 4.2 in 1 million. Project residents located in the northeast corner of the Town Center residential area would be exposed to a maximum cancer risk of approximately 9.1 in 1 million following implementation of mitigation measures M-HR-1, M-HR-2, M-HR-3, M-HR-4, and M-HR-5. The cancer risks on the project Site would not exceed the SDAPCD threshold of 10 in 1 million for cancer impacts after mitigation. Project residents would be exposed to a maximum chronic hazard index of approximately 0.02. Project residents would be exposed to a maximum acute hazard index of approximately 0.1. Therefore, the resulting maximum chronic and acute hazard indices would be less than the SDAPCD threshold of 1.0 for chronic and acute noncancer health impacts. With implementation of mitigation measures, the health impacts to residents and students attending the school on Site would be **less than significant**.

Although odor impacts are unlikely, the proposed project would be required to comply with the County of San Diego's odor policies enforced by SDAPCD, including Rule 51, in the event a nuisance complaint occurs, and County Code Sections 63.401 and 63.402, which prohibit nuisance odors and identify enforcement measures to reduce odor impacts to nearby receptors. Additionally, odor and sanitation measures delineated in the proposed project's Vector Management Plan would be implemented to further reduce the potential for odor impacts to occur. Therefore, impacts associated with objectionable odors would be **less than significant**.

Air Quality Technical Report for the Newland Sierra Project

INTENTIONALLY LEFT BLANK

1 INTRODUCTION

1.1 Purpose of the Report

The purpose of this report is to evaluate the potential air quality impacts associated with construction and operation of the proposed Newland Sierra Project (hereafter referred to as “project” or “proposed project”). Air quality impacts are evaluated for their significance based on the criteria provided in the County of San Diego’s Guidelines for Determining Significance – Air Quality (County of San Diego 2007).

1.2 Project Location and Description

1.2.1 Project Location

The project Site is located within an unincorporated portion of the County of San Diego (County) within the North County Metropolitan Subregional Plan area. The North County Metropolitan Subregional Plan area is composed of many non-contiguous “island” areas interspersed among the cities of Escondido, San Diego, San Marcos, Vista, and Oceanside, with the most easterly portion adjacent to Valley Center. The North County Metropolitan Subregional Plan area includes the communities of Hidden Meadows and Twin Oaks, with the project Site located in the community of Twin Oaks. The project Site is directly west of Interstate (I) 15, north of State Route (SR) 78, and south of SR-79. The cities of Escondido and San Marcos are approximately 1 mile south of the Site (see Figures 1 and 2).

The project Site consists of approximately 1,985 acres and is bounded by I-15 on the east, Deer Springs Road (County Road S12) on the south, and Twin Oaks Valley Road on the west, with a small portion of the northwestern edge of the Site traversed by Twin Oaks Valley Road. Gopher Canyon Road is located approximately 0.5 mile north of the Site.

1.2.2 Existing Land Uses

The project Site is primarily undeveloped. A number of dirt roads and trails provide access to existing parcels, and service roads for existing water infrastructure traverse the Site. Portions of the Site have been and continue to be used for various unauthorized uses, including horseback riding, hiking, mountain biking, off-roading, motorcycling, shooting, and illegal dumping.

Surrounding land uses to the north, west, and south of the project Site include large-lot, single-family development, and avocado groves. Many of the prominent ridges surrounding the Site are occupied by existing homes. Lawrence Welk Village and the community of Hidden Meadows are located to the east of the project Site across I-15. South of the Site is a mobile home park, Golden Door Properties LLC, and estate development along the border of the city of San Marcos and the unincorporated portion of the County of San Diego.

Air Quality Technical Report for the Newland Sierra Project

The project Site includes areas designated as Mineral Resource Zone (MRZ)-2, which means adequate information indicates significant mineral deposits are present in the area, or a high likelihood exists for their presence. Approximately 650 acres of the project Site are classified as MRZ-2, of which approximately 124 acres have been designated by the State Mining and Geology Board as a Regionally Significant Construction Aggregate Resources Area. The remainder of the Site is classified as MRZ-3, which means the area's potential to contain mineral deposits cannot be evaluated from available data. Due to the mountainous terrain of the project Site, as opposed to an alluvial river valley, these resource designations result from the presence of crystalline and metavolcanic rocks that, when crushed to appropriate sizes, could be considered as aggregate suitable for construction material.

1.2.3 Project Components

The 1,985-acre project Site would include seven neighborhoods (also referred to as “planning areas”) with a total of 2,135 residential units (see Figure 3). The proposed project would include a variety of housing types, some of which would be designed with grade-adaptive architecture, to meet the varied needs of the anticipated residents. (Grade-adaptive architecture minimizes grading by incorporating one or more steps in the ground floor that conform to the underlying slope of the project Site.) Development of the project Site would be focused into seven planning areas designed to promote land stewardship and avoid the most sensitive biological, cultural, and topographical resources. Taking inspiration from the property's unique landscape character and distinct landforms, the proposed project would consist of a series of neighborhoods that individually respond to their unique topographical settings.

The proposed project was designed to promote health and sustainability by focusing on a compact pattern of development. The project would integrate a range of housing types and densities while conserving open space and natural resources.

Town Center

The Town Center would be located off Deer Springs Road, east of the primary access road (Mesa Rock Road) in the southernmost portion of the Site. The Town Center would be compact and walkable, include commercial retail space, townhomes, and a school site, and provide employment opportunities for future residents and the surrounding area. The Town Center would include 95 residential dwelling units, 81,000 square feet of commercial space, a 6-acre school site, and 5.73 gross acres of parks. The Town Center would be designated Village Core Mixed Use (C-5) on the North County Metropolitan Subregional Plan Community Plan and zoned with the General Commercial/Residential (C34) Use Regulation. Table 1 outlines the proposed land uses for the Sierra Town Center.

Air Quality Technical Report for the Newland Sierra Project

Table 1
Town Center

Land Use	Description	Dwelling Units
General Commercial	81,000 square feet	n/a
Row Townhomes	2- and 3-story*	95
School	n/a	n/a
Parks	n/a	n/a
Total Residential Units	n/a	95

Source: EIR Appendix C

* Limited to 35 feet in total height

n/a = not applicable

Air Quality Technical Report for the Newland Sierra Project

INTENTIONALLY LEFT BLANK

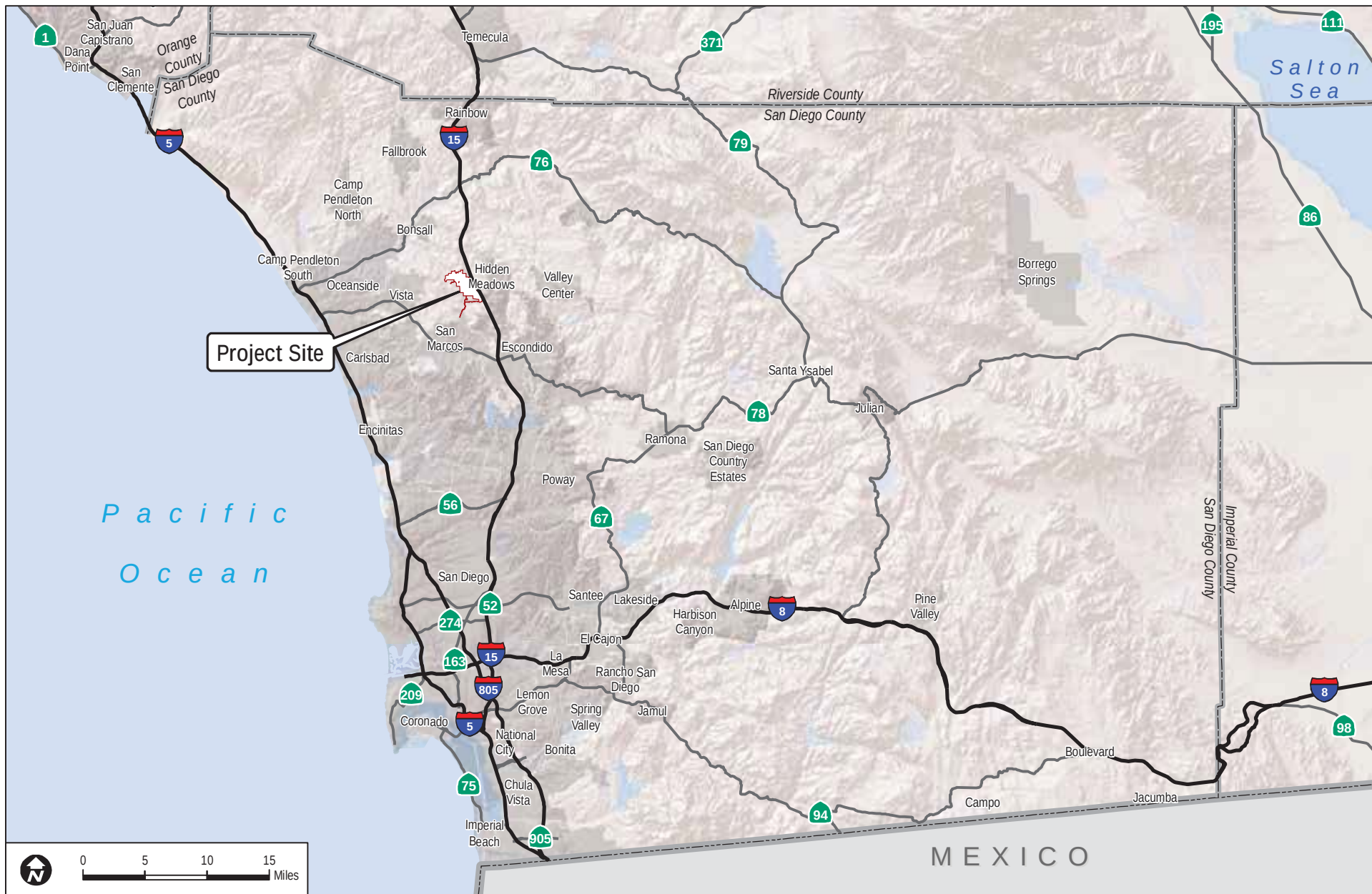


FIGURE 1
Regional Map

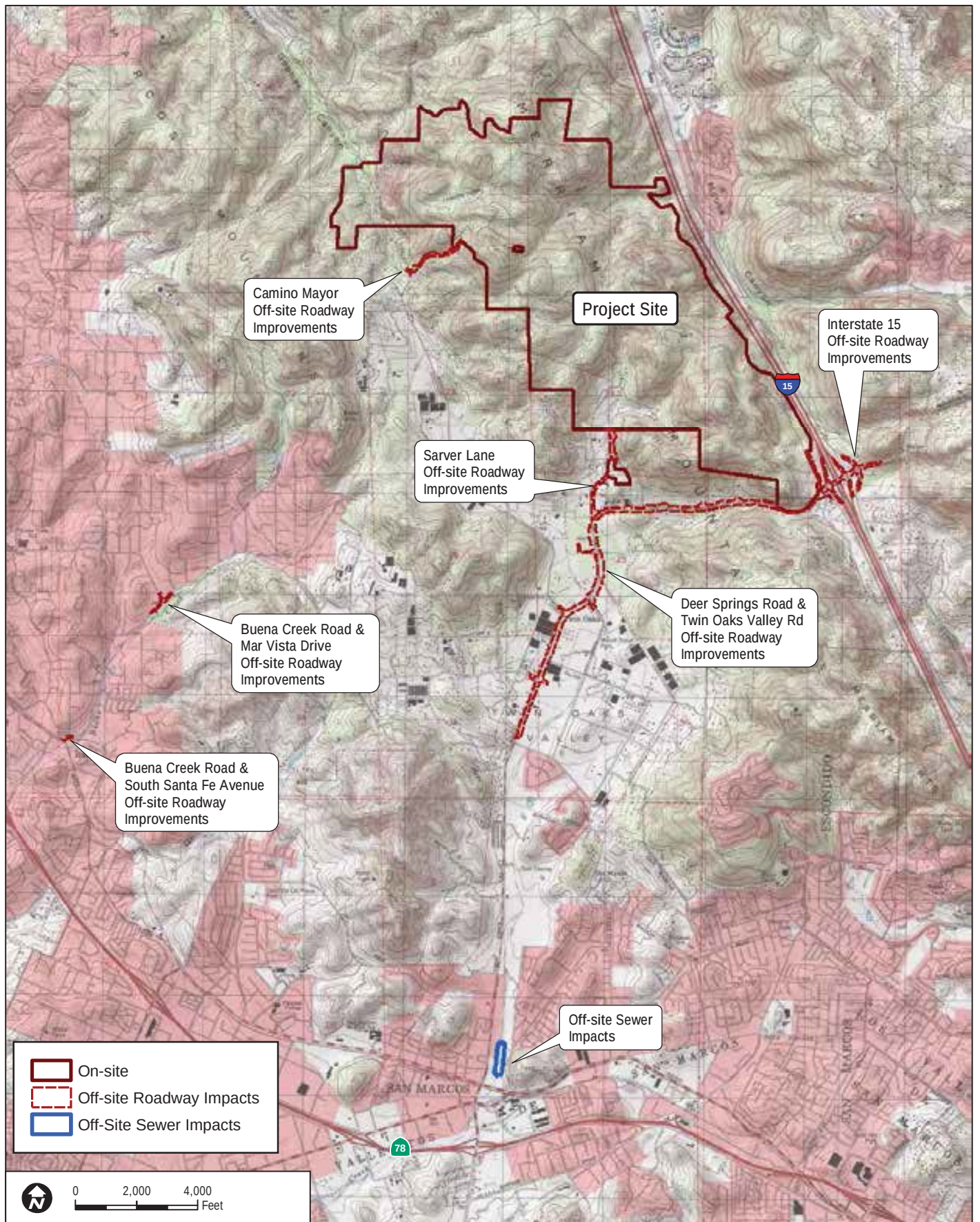
DUDEK

7608

Air Quality Technical Report for the Newland Sierra Project

Air Quality Technical Report for the Newland Sierra Project

INTENTIONALLY LEFT BLANK



SOURCE: USGS 7.5-Minute Series San Marcos Quadrangle.

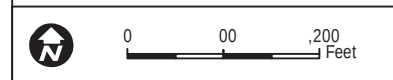
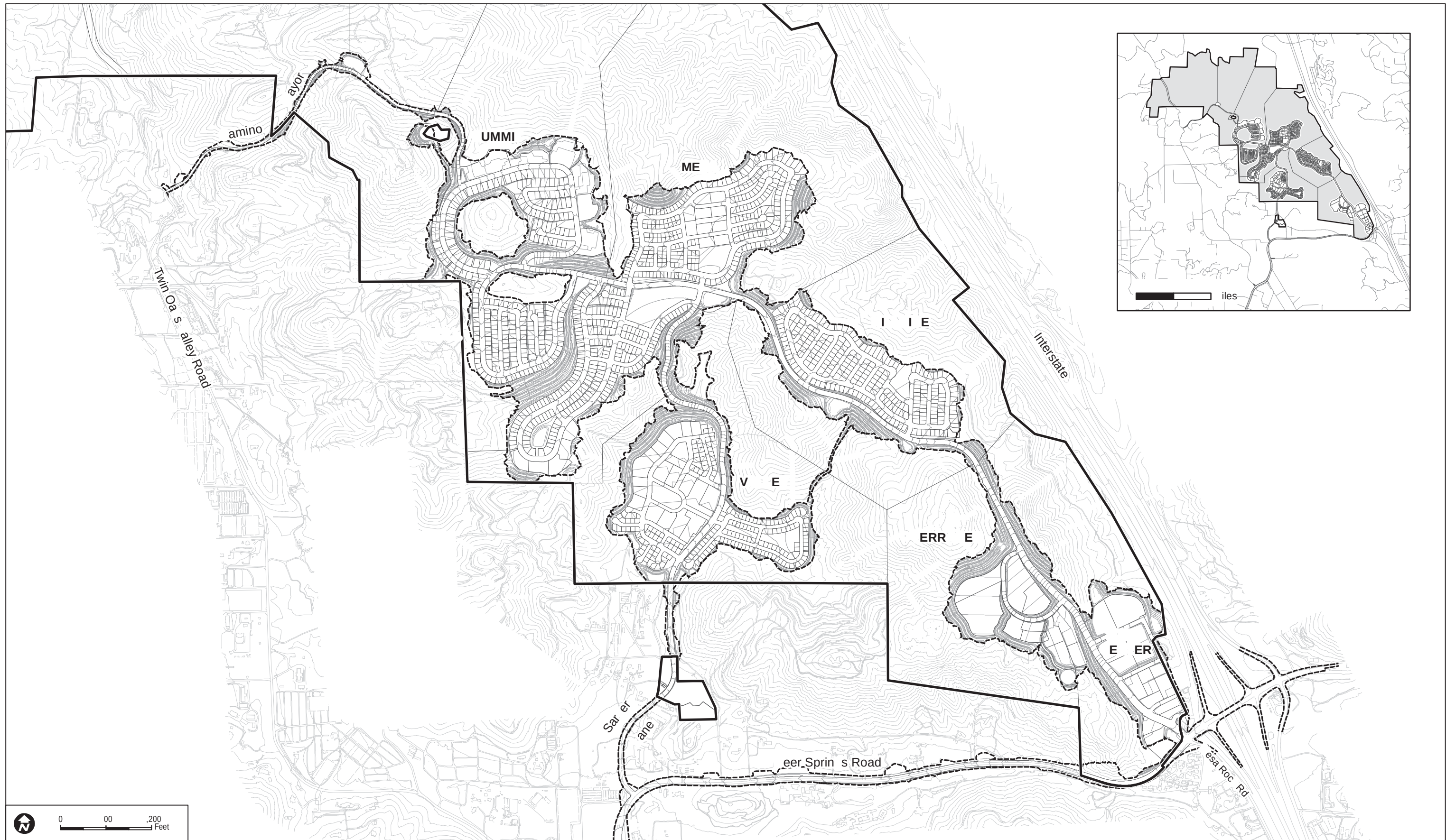
DUDEK

Air Quality Technical Report for the Newland Sierra Project

FIGURE 2
Vicinity Map

Air Quality Technical Report for the Newland Sierra Project

INTENTIONALLY LEFT BLANK



INTENTIONALLY LEFT BLANK

Air Quality Technical Report for the Newland Sierra Project

Terraces Neighborhood

The Terraces neighborhood would be located directly northwest of the Town Center on the west side of the loop road in the southern portion of the project Site. It would include 446 residential dwelling units. The mix of residential units in this neighborhood would consist of two- and three-story townhomes and three-story townhomes with tandem garages. The Terraces neighborhood would also include an area set aside for environmentally sensitive resources. Table 2 outlines the proposed land uses for the Terraces planning area.

Table 2
The Terraces Neighborhood

Land Use	Description	Dwelling Units
Townhomes/Grade Adaptive	2- and 3-story*	56
Townhome Cluster 1	2- and 3-story*	96
Townhome Cluster 2	3-story w/ Tandem Garages*	65
Townhome Cluster 3	3-story w/ Tandem Garages*	127
Townhome Cluster 4	3- story with Tandem Garages*	102
Total Residential Units	n/a	446

Source: EIR Appendix C

* Limited to 35 feet in total height

n/a = not applicable

Valley Neighborhood

The Valley neighborhood would be located northwest of the Terraces and south of the Knoll neighborhoods. This planning area would be composed of clusters, townhomes, and single-family homes with lots ranging from 3,500 to 4,000 square feet. It would include 505 residential units and 12.26 gross acres of parks. Table 3 outlines the proposed land uses for the Valley planning area.

Table 3
The Valley Neighborhood

Land Use	Description	Dwelling Units
Row Townhomes	2- and 3-story*	167
Townhomes with Carriage	2- and 3-story*	54
Paseo Clusters	Detached Single-Family Clusters	95
Small Lots	3,500 square feet	69
Small Lots	4,000 square feet	41
Small Lots	3,900 square feet	79
Parks	n/a	n/a
Total Residential Units	n/a	505

Source: EIR Appendix C

* Limited to 35 feet in total height

n/a = not applicable

Air Quality Technical Report for the Newland Sierra Project

Hillside Neighborhood

The Hillside neighborhood would be located north of the Terraces planning area and on the east side of the loop road in the southeastern portion of the project Site. The Hillside planning area would include 241 residential dwelling units and 2.29 gross acres of parks. It would be composed of single-family detached homes with lots ranging in size from 4,500 square feet to 5,000 square feet, as well as age-targeted lots. Age-targeted lots are intended in neighborhoods that cater to, but are not restricted to, adults 55 years and older. Table 4 outlines the proposed land uses for the Hillside planning area.

Table 4
The Hillside Neighborhood

Land Use	Description	Dwelling Units
Single-Family Lots	4,800 square feet	148
Age-Targeted Lots	4,500 square feet	55
Age-Targeted Lots	5,000 square feet	38
Parks	n/a	n/a
Total Residential Units	n/a	241

Source: EIR Appendix C
n/a = not applicable

Knoll Neighborhood

The Knoll neighborhood would be located south of the Summit, southwest of the Mesa, and north of the Valley neighborhoods. This planning area would be composed of single-family homes with lots ranging from 4,500 to 5,000 square feet, in addition to family clusters. The Knoll would include 372 residential units and 9.51 gross acres of parks. The residential units in this neighborhood would consist of single-family lots and clusters. The Knoll design would preserve the primary knolls in the area. Table 5 outlines the proposed land uses for the Knoll planning area.

Table 5
The Knoll Neighborhood

Land Use	Description	Dwelling Units
Single-Family Lots	4,500 square feet	125
Single-Family Lots	5,000 square feet	78
Single-Family Lots	4,800 square feet	140
Single-Family Clusters	Detached Single-Family Clusters	29
Parks	n/a	n/a
Total Residential Units	n/a	372

Source: EIR Appendix C
n/a = not applicable

Air Quality Technical Report for the Newland Sierra Project

Mesa Neighborhood

The Mesa neighborhood would be located north of Hillside, east of the Knoll, and southeast of the Summit neighborhoods. This planning area would be entirely composed of age-qualified single-family lots and age-qualified single-family clusters on lots ranging from 3,000 to 6,000 square feet centered around a park. The Mesa neighborhood would include 325 residential units and 4.10 gross acres of parks. Age-qualified lots are intended in neighborhoods that offer homes and Community amenities specifically for adults 55 years and older, where housing must include at least one person who is 55 years or older as a permanent resident. Residents typically lead an independent, active lifestyle in a setting with private amenities such as a clubhouse and private recreational spaces. The term “cluster” is used to describe a neighborhood in which housing is clustered on relatively small lots with a larger amount of common area shared by the homeowners, and sharing of common areas such as a courtyard, motor court, or open space. Table 6 outlines the proposed land uses for the Mesa planning area.

Table 6
The Mesa Neighborhood

Land Use	Description	Dwelling Units
Age-Qualified Clusters	4,500 square feet	60
Age-Qualified Lots	3,600 square feet	51
Age-Qualified Lots	4,000 square feet	48
Age-Qualified Lots	5,000 square feet	47
Age-Qualified Lots	6,000 square feet	37
Age-Qualified Lots	3,000 square feet	82
Parks	n/a	n/a
Total Residential Units	n/a	325

Source: EIR Appendix C

n/a = not applicable

Summit Neighborhood

The Summit neighborhood would be the northernmost area of development located just north of the Knoll and northwest of the Mesa neighborhoods. This planning area would be composed of the largest lots on the project Site, with homes on lots ranging from 6,000 to 7,500 square feet. The Summit neighborhood would include 151 residential dwelling units and 1.98 gross acres of parks (including an equestrian staging area). A trail would lead to the highest point in the planning area where a lookout would be located. The Summit planning area would contain grade-adaptive large lots, family lots, and clusters designed to maximize views. Table 7 outlines the proposed land uses for the Summit planning area.

Air Quality Technical Report for the Newland Sierra Project

Table 7
The Summit Neighborhood

Land Use	Description	Dwelling Units
Large Single-Lots – Downslope	7,500 square feet	14
Single-Family Lots – Upslope	7,000 square feet	32
Single-Family Lots	6,000 square feet	56
Large-Lot Clusters	Detached Single-Family Clusters	49
Parks	n/a	n/a
Total Residential Units	n/a	151

Source: EIR Appendix C

General Plan Amendment/Zoning

Existing Land Use Element Regional Category Map

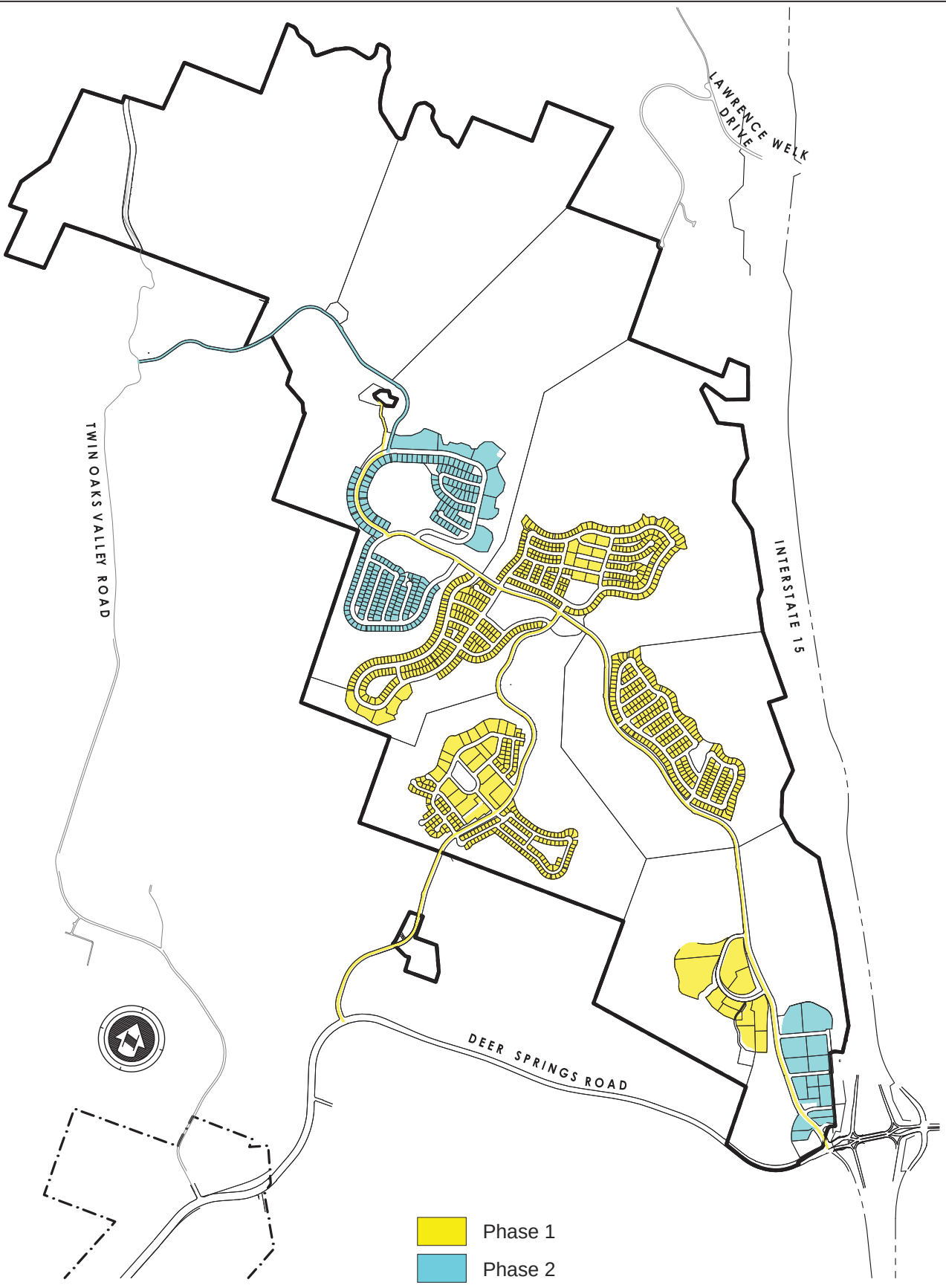
The project Site lies within the North County Metropolitan Subregional Plan area and Bonsall Community Plan area, as shown in Figure 4. The existing General Plan Regional Categories for the Community are Village, Semi-Rural, and Rural Lands.

Proposed Land Use Element Regional Category Map

The General Plan Amendment proposes to amend the Land Use Element Regional Category Map to change the boundary of a portion of the Rural category to Semi-Rural and to change a portion of Semi-Rural to Rural. The acreage and configuration of the Village designation would remain unchanged from its existing configuration. The Rural regional category in the Bonsall Community Plan area would be retained.

Existing Community Plan Land Use Designations

The 1,888 acres within the North County Metropolitan Subregional Plan area currently include four land use designations: General Commercial (4.6 acres), Office Professional (53.6 acres), Semi-Rural Residential (SR-10) (19.6 acres), and Rural Lands (RL-20) (1,810.8 acres). The 97 acres in the Bonsall Community Plan area are entirely designated with the Rural Lands (RL-20) land use designation.



SOURCE: FUSCOE 2016

FIGURE 4
Phasing Plan

INTENTIONALLY LEFT BLANK

Air Quality Technical Report for the Newland Sierra Project

Proposed Community Plan Land Use Designations

The General Plan Amendment proposes to amend the North County Metropolitan Subregional Plan map to change the General Commercial, Office Professional, Semi-Rural 10, and Rural Land 20 designations. The designations would be changed to Village Core Mixed Use (C-5) Semi-Rural Residential (SR-1) (1 unit per 1, 2, or 4 gross acres depending on slope), and Open Space – Conservation (OS-C). The SR-10 designated portion along Sarver Lane would remain designated as SR-10. The General Plan Amendment would also add appropriate language into the North County Metropolitan Subregional Plan describing the Newland Sierra Specific Plan. All the lands in the Bonsall Community Plan area would be designated as Open Space-Conservation (OS-C). The Specific Plan would allow a maximum of 2,135 dwelling units (on average, 1.08 dwelling units per acre).

Existing Zoning

The 1,888 acres within the North County Metropolitan Subregional Plan area are zoned General Commercial (C36), Office Professional (C30), Rural Residential (RR), Limited Agricultural (A70), Extractive (S82), and General Rural (S92). The 97 acres within the Bonsall Community Plan area are zoned Rural Residential (RR).

Proposed Zoning

To implement the proposed changes resulting from the General Plan Amendment, the zoning would be changed to General Commercial/Residential (C34), Single-Family Residential (RS), and Open Space (S80). The portion of the project within the Bonsall Community Plan area (97 acres) would be zoned S80. The portion of the project Site immediately adjacent to Sarver Lane would retain the Limited Agriculture (A70) use regulations.

Existing I-15 Corridor Subregional Plan

The I-15 corridor extends approximately 20 miles from the Escondido city limits to the Riverside County line. It contains the 0.5-acre to 2-mile viewshed area on either side of I-15, which is what generally can be seen while driving along I-15. The “B” Design Review Area Special Designator is applied to properties within the corridor and requires preparation of a Site Plan in accordance with the Scenic Preservation Guidelines. The eastern portion of the project Site has an existing “B” Special Area Designator.

Proposed I-15 Corridor Subregional Plan

As part of the General Plan Amendment, the North County Metropolitan Subregional Plan I-15 Design Corridor map would be amended to include only the areas of the project that are visible from I-15.

Air Quality Technical Report for the Newland Sierra Project

Sustainable Planning and Design

The proposed project would promote sustainability through Site design that would conserve energy, water, open space, and other natural resources. The project would offer defining attributes, including a commitment to carbon neutrality by offsetting 100 percent of the project's construction and operational greenhouse gas (GHG) emissions through the life of the project. As part of this commitment, the project would implement core sustainable development features, including solar on all residential units and a network of solar-powered street lights; low-water-use landscaping throughout the Community, with restrictions on the use of turf; possible indoor pre-plumbing for grey water systems in single-family residential dwelling units, if feasible; electric vehicle chargers in single-family garages and electric vehicle charging stations in commercial areas; and integration of community gardens and vineyards throughout the Community. The project would also implement a Transportation Demand Management (TDM) program to reduce automobile trips, both internal and external to the Community. The project's carbon neutrality and energy-, water-, and transportation-efficient requirements, combined with its balance of interrelated land uses, high level of preservation, and high-quality neighborhood design, make the project the first large-scale planned community in San Diego County to achieve a 100 percent reduction in the project's construction and operational GHG emissions.

Access Points and Internal Circulation

The project's multimodal transportation network would support pedestrian, equestrian, bicycle, shuttle service, and vehicular use throughout the Community, with connections to off-site roads supporting the same. The project Site would have two primary access roads along Deer Springs Road at Mesa Rock Road and Sarver Lane, with an additional access point at Camino Mayor off North Twin Oaks Valley Road. The Mesa Rock Road access would be built as a six-lane entry road with a median that transitions into a four-lane divided road farther into the Site, and then into a two-lane undivided roadway until it reaches the Sarver Lane access where it would transition into a three-lane undivided roadway. The loop road is primarily designed with a width of 32 feet and would include striped bike lanes and a 10-foot-wide multi-use pathway along its entire length. The bike lanes and multi-use pathway would connect to bike routes and a 10-foot-wide multi-use pathway along Deer Springs Road.

An electric bike share program would be included to further link the neighborhoods to one another and reduce internal vehicle trips. The electric bike share program would include the placement of a kiosk in close proximity to each planning area to allow electric bikes to be taken from one kiosk and left at another, encouraging sustainable transportation between planning areas within the project. The program includes the placement of eight kiosks throughout the Community, with 10 to 20 electric bikes at each kiosk. Additionally, the project would include bike lanes, an extensive trail system consisting of roadside pathways within the linear greenbelts,

Air Quality Technical Report for the Newland Sierra Project

and pathways. With incorporation of these internal circulation features, the project would provide residents the opportunity to access employment, education, and recreational and commercial uses via multiple modes of transportation.

Off-Site Mitigation Requirements

In addition to the improvements described above, traffic impacts to off-site roadways would necessitate various off-site improvements. These improvements are identified as mitigation measures to reduce traffic impacts. They include improvements to the Deer Springs Road/I-15 Interchange, Deer Springs Road, Twin Oaks Valley Road, Buena Creek Road, Monte Vista Drive, S. Santa Fe Avenue, and various intersections, and they are necessary to improve the capacity and operations of these roadways. Several of these roadway improvements are located within the jurisdiction of another lead agency. Because these additional off-site improvements are identified as mitigation measures, the EIR discusses the environmental effects of the improvements to the extent known at this time, and as required by CEQA, in less detail than the significant effects of the proposed project (See CEQA Guidelines Section 15126.4(a)(1)(D)).

Deer Springs Road

Of the off-site mitigation requirements identified in the EIR, the improvements to Deer Springs Road would involve two options. Option A would improve an approximately 6,600-foot-long section of the segment of Deer Springs Road between Sarver Lane and Mesa Rock Road to a 2.1B Community Collector (two lanes of travel with a continuous center turn lane). The balance of the road southwest into the city of San Marcos and east to I-15, including its intersections with Sarver Lane and Mesa Rock Road, would be improved to a 4.1A Major Road (a four-lane road with a raised median). Consistent with these sets of improvements, Option A would reclassify Deer Springs Road in the Mobility Element of the County's General Plan from a 6.2 Prime Arterial (six-lane) to a 4.1A Major Road with Raised Median and a 2.1B Community Collector with Continuous Turn Lane classifications. The centerline of Deer Springs Road would be realigned to ensure a minimum 750-foot turning radii along the entire alignment.

Option B would construct the entire length of the road from the I-15 interchange to its intersection with Twin Oaks Valley Road as a four-lane road, with an approximately 7,600-foot-long section of the road between Sarver Lane and Mesa Rock Road as a 4.1B Major Road (four lanes of travel with a continuous center turn lane), and the balance of the road, including its intersections with Sarver Lane and Mesa Rock Road, as a 4.1A Major Road. Option B would not reclassify Deer Springs Road; the roadway would remain as a 6.2 Prime Arterial (six-lane) in the Mobility Element of the General Plan. The centerline of Deer Springs Road would be realigned to ensure a minimum 750-foot turning radii along the entire alignment.

Air Quality Technical Report for the Newland Sierra Project

Both Option A and Option B would provide increased capacity on Deer Springs Road relative to existing conditions, although when considering level of service, only Option B would meet the County's level-of-service standards at project buildout. As is standard, the ultimate design of the road would be subject to County final engineering review and approval, whereby the County may require minor adjustments to the design details described herein.

Off-Site Utilities Improvements

Off-site sewer and water improvements would be completed in accordance with the approved water and sewer master plans prepared for the project. These improvements would be made in conjunction with surface improvements to Sarver Lane, Deer Springs Road, and Twin Oaks Valley Road. Additional segments of sewer would be improved in Twin Oaks Valley Road to Del Roy Avenue and East of Twin Oaks Valley Road within an existing Vallecitos Water District easement. Additionally, an 800-foot-long pipeline segment would require upsizing from the existing 18-inch-diameter line to a 21-inch-diameter line. This segment is located north of East Mission Road between Twin Oaks Valley Road and Vineyard Road within the City of San Marcos. The existing sewer is located behind a commercial/retail development. For the purposes of this analysis, it is assumed that the entire 30-foot-wide easement would be impacted to upsize the existing sewer line.

2 EXISTING CONDITIONS

2.1 Existing Setting

The project Site is located within the San Diego Air Basin (SDAB or basin) and is subject to the San Diego Air Pollution Control District (SDAPCD) guidelines and regulations. The SDAB is one of 15 air basins that geographically divide the State of California. The weather of the San Diego region, as in most of Southern California, is influenced by the Pacific Ocean and its semi-permanent high-pressure systems that result in dry, warm summers and mild, occasionally wet winters. The average temperature ranges (in degrees Fahrenheit (°F)) from the mid-40s to the high 90s. Most of the region's precipitation falls from November to April with infrequent (approximately 10%) precipitation during the summer. The average seasonal precipitation along the coast is approximately 10 inches; the amount increases with elevation as moist air is lifted over the mountains to the east.

The topography in the San Diego region varies greatly, from beaches on the west to mountains and desert on the east. Along with local meteorology, the topography influences the dispersal and movement of pollutants in the basin. The mountains to the east prohibit dispersal of pollutants in that direction and help trap them in inversion layers as described in the next section.

The interaction of ocean, land, and the Pacific High Pressure Zone maintains clear skies for much of the year and influences the direction of prevailing winds (westerly to northwesterly). Local terrain is often the dominant factor inland, and winds in inland mountainous areas tend to blow through the valleys during the day and down the hills and valleys at night.

2.2 Climate and Meteorology

The SDAB is currently classified as a federal nonattainment area (an area considered to have worse air quality than the National Ambient Air Quality Standards (NAAQS)) for ozone (O₃), and a state nonattainment area (an area considered to have worse air quality than the California Ambient Air Quality Standards (CAAQS)) for O₃, particulate matter with an aerodynamic diameter less than or equal to 10 microns (PM₁₀), and particulate matter with an aerodynamic diameter less than or equal to 2.5 microns (PM_{2.5}).

The SDAB lies in the southwest corner of California and comprises the entire San Diego region, covering 4,260 square miles, and is an area of high air pollution potential. The basin experiences warm summers, mild winters, infrequent rainfalls, light winds, and moderate humidity. This usually mild climatological pattern is interrupted infrequently by periods of extremely hot weather, winter storms, or Santa Ana winds.

Air Quality Technical Report for the Newland Sierra Project

The SDAB experiences frequent temperature inversions. Subsidence inversions occur during the warmer months as descending air associated with the Pacific High Pressure Zone meets cool marine air. The boundary between the two layers of air creates a temperature inversion that traps pollutants. Another type of inversion, a radiation inversion, develops on winter nights when air near the ground cools by heat radiation and air aloft remains warm. The shallow inversion layer formed between these two air masses also can trap pollutants. As the pollutants become more concentrated in the atmosphere, photochemical reactions occur that produce O₃, commonly known as smog.

Light daytime winds, predominately from the west, further aggravate the condition by driving air pollutants inland, toward the mountains. During the fall and winter, air quality problems are created due to carbon monoxide (CO) and oxides of nitrogen (NO_x) emissions. CO concentrations are generally higher in the morning and late evening. In the morning, CO levels are elevated due to cold temperatures and the large number of motor vehicles traveling. Higher CO levels during the late evenings are a result of stagnant atmospheric conditions trapping CO in the area. Since CO is produced almost entirely from automobiles, the highest CO concentrations in the basin are associated with heavy traffic. Nitrogen dioxide (NO₂) levels are also generally higher during fall and winter days when O₃ concentrations are lower.

Under certain conditions, atmospheric oscillation results in the offshore transport of air from the Los Angeles region to San Diego County. This often produces high O₃ concentrations, as measured at air pollutant monitoring stations within the County. The transport of air pollutants from Los Angeles to San Diego has also occurred within the stable layer of the elevated subsidence inversion, where high levels of O₃ are transported.

Site-Specific Meteorological Conditions

The local climate in northern San Diego County is characterized as semi-arid with consistently mild, warmer temperatures throughout the year. The average summertime high temperature in the project area is approximately 86°F, with highs approaching 89°F in August on average, and record highs approaching 112°F in August. The average wintertime low temperature is approximately 69.3°F, although record lows have approached 25°F in January. Average precipitation in the local area is approximately 15 inches per year, with the bulk of precipitation falling during January and March (WRCC 2015).

Wind in the project area is calm approximately 27% of time and 48% of time wind blows from the west or southwest. Approximately 46% of the time wind is between 1 and 4 knots and 24% of time wind is between 4 and 7 knots. Wind exceeding 7 knots occurs less than 3% of the time. The average wind for the dataset is 2.59 knots (i.e., 3 mph) from the west-southwest (Appendix F).

2.3 Regulatory Setting

2.3.1 Federal

The federal Clean Air Act (CAA), passed in 1970 and last amended in 1990, forms the basis for the national air pollution control effort. The U.S. Environmental Protection Agency (EPA) is responsible for implementing most aspects of the CAA, including the setting of National Ambient Air Quality Standards (NAAQS) for major air pollutants, hazardous air pollutant standards, approval of state attainment plans, motor vehicle emission standards, stationary source emission standards and permits, acid rain control measures, stratospheric O₃ protection, and enforcement provisions.

NAAQS are established by the EPA for “criteria pollutants” under the CAA, which are ozone (O₃), carbon monoxide (CO), nitrogen dioxide (NO₂), sulfur dioxide (SO₂), particulate matter (PM₁₀ and PM_{2.5}), and lead (Pb).

The NAAQS describe acceptable air quality conditions designed to protect the health and welfare of the citizens of the nation. The CAA requires the EPA to reassess the NAAQS at least every 5 years to determine whether adopted standards are adequate to protect public health based on current scientific evidence. States with areas that exceed the NAAQS must prepare a State Implementation Plan (SIP) that demonstrates how those areas will attain the standards within mandated time frames.

2.3.2 State

California Clean Air Act

The California Clean Air Act was adopted in 1988 and establishes the State’s air quality goals, planning mechanisms, regulatory strategies, and standards of progress.

Under the federal CAA, the task of air quality management and regulation has been legislatively granted to the California Air Resources Board (CARB), with subsidiary responsibilities assigned to air quality management districts and air pollution control districts at the regional and county levels. CARB is responsible for ensuring implementation of the California Clean Air Act, responding to the federal CAA, and regulating emissions from mobile sources, such as motor vehicles and construction equipment, and consumer products. Pursuant to the authority granted to it, CARB has established California Ambient Air Quality Standards (CAAQS), which are generally more restrictive than the NAAQS.

The NAAQS and CAAQS are presented in Table 8, Ambient Air Quality Standards.

Air Quality Technical Report for the Newland Sierra Project

Table 8
Ambient Air Quality Standards

Pollutant	Averaging Time	California Standards ¹	National Standards ²	
		Concentration ³	Primary ^{3,4}	Secondary ^{3,5}
O ₃	1-hour	0.09 ppm (180 µg/m ³)	—	Same as Primary Standard
	8-hour	0.070 ppm (137 µg/m ³)	0.070 ppm (137 µg/m ³)	
CO	1-hour	20 ppm (23 mg/m ³)	35 ppm (40 mg/m ³)	—
	8-hour	9.0 ppm (10 mg/m ³)	9 ppm (10 mg/m ³)	
NO ₂ ⁶	1-hour	0.18 ppm (339 µg/m ³)	0.100 ppm (188 µg/m ³)	Same as Primary Standard
	Annual Arithmetic Mean	0.030 ppm (57 µg/m ³)	0.053 ppm (100 µg/m ³)	
SO ₂ ⁷	1-hour	0.25 ppm (655 µg/m ³)	0.075 ppm (196 µg/m ³)	—
	3-hour	—	—	0.5 ppm (1300 µg/m ³)
	24-hour	0.04 ppm (105 µg/m ³)	0.14 ppm (for certain areas) ⁷	
	Annual Arithmetic Mean	—	0.030 ppm (for certain areas) ⁷	—
PM ₁₀ ⁸	24-hour	50 µg/m ³	150 µg/m ³	Same as Primary Standard
	Annual Arithmetic Mean	20 µg/m ³	—	
PM _{2.5} ⁸	24-hour	—	35 µg/m ³	Same as Primary Standard
	Annual Arithmetic Mean	12 µg/m ³	12.0 µg/m ³	15.0 µg/m ³
Lead ^{9,10}	30-day Average	1.5 µg/m ³	—	—
	Calendar Quarter	—	1.5 µg/m ³ (for certain areas) ¹⁰	Same as Primary Standard
	Rolling 3-Month Average	—	0.15 µg/m ³	
Hydrogen sulfide	1-hour	0.03 ppm (42 µg/m ³)	—	—
Vinyl chloride ⁹	24-hour	0.01 ppm (26 µg/m ³)	—	—
Sulfates	24-hour	25 µg/m ³	—	—
Visibility reducing particles ¹¹	8-hour (10:00 a.m. to 6:00 p.m. PST)	See footnote 11	—	—

Source: ¹EPA 2014a, ²CARB 2016

Notes: ppm= parts per million by volume; µg/m³ = micrograms per cubic meter; mg/m³= milligrams per cubic meter.

¹ California standards for ozone, carbon monoxide (except 8-hour Lake Tahoe), sulfur dioxide (1-hour and 24-hour), nitrogen dioxide, and particulate matter (PM₁₀, PM_{2.5}, 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 O₃, NO₂, SO₂, particulate matter, and those based on annual averages or annual arithmetic mean) are not to be exceeded more than once a year. The O₃ standard is attained when the fourth highest 8-hour concentration in a year, averaged over 3 years, is equal to or less than the standard. For NO₂ and SO₂, the standard is attained when the 3-year average of the 98th and 99th percentile, respectively, of the daily maximum 1-hour average at each monitor within an area does not exceed the standard. For PM₁₀, the 24-hour standard is attained when the expected number of days per calendar year with a 24-hour average

Air Quality Technical Report for the Newland Sierra Project

concentration above $150 \mu\text{g}/\text{m}^3$ is equal to or less than one. For $\text{PM}_{2.5}$, the 24-hour standard is attained when 98% of the daily concentrations, averaged over 3 years, are equal to or less than the standard.

- 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 December 14, 2012, the national annual $\text{PM}_{2.5}$ primary standard was lowered from $15 \mu\text{g}/\text{m}^3$ to $12.0 \mu\text{g}/\text{m}^3$. The existing national 24-hour $\text{PM}_{2.5}$ standards (primary and secondary) were retained at $35 \mu\text{g}/\text{m}^3$, as was the annual secondary standard of $15 \mu\text{g}/\text{m}^3$. The existing 24-hour PM_{10} standards (primary and secondary) of $150 \mu\text{g}/\text{m}^3$ 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 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 1 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.

- 12 CARB 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 ($1.5 \mu\text{g}/\text{m}^3$ as a quarterly average) remains in effect until 1 year after an area is designated for the 2008 standard, except that in areas designated nonattainment for the 1978 standard, the 1978 standard remains in effect until implementation plans to attain or maintain the 2008 standard are approved.

- 14 In 1989, CARB 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.

Toxic Air Contaminants

A toxic air contaminant (TAC) is defined by California law as an air pollutant that may cause or contribute to an increase in mortality or an increase in serious illness, or which may pose a present or potential hazard to human health. Federal laws use the term hazardous air pollutants (HAPs) to refer to the same types of compounds that are referred to as TACs under state law. California regulates TACs primarily through the Tanner Air Toxics Act (Assembly Bill (AB) 1807) and the Air Toxics Hot Spots Information and Assessment Act of 1987 (AB 2588).

AB 1807 sets forth a formal procedure for CARB to utilize when designating substances as TACs. This procedure includes pre-designation research, public participation, and scientific peer review.

Pursuant to AB 2588, existing facilities that emit air pollutants above specified level were required to: (1) prepare a TAC emission inventory plan and report, (2) prepare a risk assessment if TAC

Air Quality Technical Report for the Newland Sierra Project

emissions were significant, (3) notify the public of significant risk levels, and (4) if health impacts were above specified levels, prepare and implement risk reduction measures.

The following CARB-adopted regulatory measures and Health & Safety Code requirements pertain to the reduction of diesel particulate matter (the primary TAC associated with the proposed project's construction-related activities) and other criteria pollutant emissions from on-site road and off-road vehicles:

Idling of Commercial Heavy Duty Trucks (13 Section CCR 2485)

In July 2004, CARB adopted an Airborne Toxic Control Measure (ATCM) to control emissions from idling trucks. The ATCM prohibits idling for more than 5 minutes for all commercial trucks with a gross vehicle weight rating over 10,000 pounds. The ATCM contains an exception that allows trucks to idle while queuing or involved in operational activities.

In-Use Off-Road Diesel-Fueled Fleets (13 CCR Section 2449 et seq.)

In July 2007, CARB adopted an ATCM for in-use off-road diesel vehicles. This regulation required that specific fleet average requirements be met for NO_x emissions and for particulate matter emissions. Where average requirements cannot be met, BACT requirements apply. The regulation also includes several recordkeeping and reporting requirements. In response to AB 8 2X, the regulations were revised in July 2009 (effective December 3, 2009) to allow a partial postponement of the compliance schedule in 2011 and 2012 for existing fleets. On December 17, 2010, CARB adopted additional revisions to further delay the deadlines reflecting reductions in diesel emissions due to the poor economy and overestimates of diesel emissions in California. The revisions delayed the first compliance date until no earlier than January 1, 2014, for large fleets, with final compliance by January 1, 2023. The compliance dates for medium fleets would be delayed until an initial date of January 1, 2017, and final compliance date of January 1, 2023. The compliance dates for small fleets would be delayed until an initial date of January 1, 2019, and final compliance date of January 1, 2028. Correspondingly, the fleet average targets were made more stringent in future compliance years. The revisions would also accelerate the phase-out of equipment with older equipment added to existing large and medium fleets over time, requiring the addition of Tier 2 or higher engines starting on March 1, 2011, with some exceptions: Tier 2 or higher engines on January 1, 2013, without exception; and Tier 3 or higher engines on January 1, 2018 (January 1, 2023, for small fleets).

On October 28, 2011 (effective December 14, 2011), the Executive Officer approved amendments to the regulation. The amendments included revisions to the applicability section and additions and revisions to the definition. The initial date for requiring the addition of Tier 2 or higher engines for large and medium fleets, with some exceptions, was revised to January 1,

Air Quality Technical Report for the Newland Sierra Project

2012. New provisions would allow removal of emission control devices for safety or visibility purposes. The regulation was amended to combine the particulate matter and NO_x fleet average targets under one, instead of two, sections. The amended fleet average targets are based on the fleet's NO_x fleet average, and the previous section regarding particulate matter performance requirements was deleted completely. The BACT requirements, if a fleet cannot comply with the fleet average requirements, were restructured and clarified. Other amendments to the regulations included minor administrative changes to the regulatory text.

In-Use On-Road Diesel-Fueled Vehicles (13 CCR Section 2025)

In December 2008, CARB adopted an ATCM to reduce NO_x and PM from most in-use on-road diesel trucks and buses with a gross vehicle weight rating (GVWR) greater than 14,000 pounds. The original ATCM regulation required fleets to limit their NO_x and PM through a combination of exhaust retrofit equipment and new vehicles. The regulation limited particulate matter emissions for most fleets by 2011, and limited NO_x emissions for most fleets by 2013. The regulation did not require any vehicle to be replaced before 2012, and never required all vehicles in a fleet be replaced. In December 2009, the CARB Governing Board directed staff to evaluate amendments that would provide additional flexibility for fleets adversely affected by the poor California economy. On December 17, 2010, CARB revised this ATCM to delay its implementation along with limited relaxation of its requirements. Starting on January 1, 2015, lighter trucks with a GVWR of 14,001 to 26,000 pounds with 20-year-old or older engines would need to be replaced with newer trucks (2010 model year emissions equivalent as defined in the regulation). Trucks with a GVWR greater than 26,000 pounds with 1995 model year or older engines must be replaced as of January 1, 2015. Trucks with 1996–2006 model year engines must install a Level 3 (85% control) diesel particulate filter starting on January 1, 2012, to January 1, 2014, depending on the model year, and then must be replaced after 8 years. Trucks with 2007–2009 model year engines have no requirements until 2023, at which time they must be replaced with 2010 model year emissions equivalent engines as defined in the regulation. Trucks with 2010 model year engines would meet the final compliance requirements. The ATCM provides a phase-in option under which a fleet operator would equip a percentage of trucks in the fleet with diesel particulate filters, starting at 30% as of January 1, 2012, with 100% by January 1, 2016. Under each option, delayed compliance is granted to fleet operators who have or will comply with requirements before the required deadlines.

On September 19, 2011 (effective December 14, 2011), the Executive Officer approved amendments to the regulations, including revisions to the compliance schedule for vehicles with a GVWR of 26,000 pounds or less to clarify that *all* vehicles must be equipped with 2010 model year emissions equivalent engines by 2023. The amendments included revised and additional credits for fleets that have downsized; implement early particulate matter retrofits; incorporate hybrid vehicles, alternative-fueled vehicles, and vehicles with heavy-duty pilot ignition engines;

Air Quality Technical Report for the Newland Sierra Project

and implement early addition of newer vehicles. The amendments included provisions for additional flexibility, such as for low-usage construction trucks, and revisions to previous exemptions, delays, and extensions. Other amendments to the regulations included minor administrative changes to the regulatory text, including recordkeeping and reporting requirements related to other revisions.

California Health and Safety Code Section 41700

This section of the Health and Safety Code states that a person shall not discharge, from any source whatsoever, quantities of air contaminants or other material that cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public, or that endanger the comfort, repose, health, or safety of any of those persons or the public, or that cause, or have a natural tendency to cause, injury or damage to business or property. This section also applies to sources of objectionable odors.

For purposes of CEQA, the preparation of health risk assessments (HRAs) to evaluate the human health-based consequences of TAC emissions for land use development projects may be warranted under two sets of circumstances: (1) a proposed project itself generates TACs as a result of construction and/or operational activities that may adversely impact sensitive receptors (e.g., residents); and/or (2) a proposed project is located in an area that may adversely expose sensitive receptors associated with its proposed land uses to significant concentrations of TACs from existing stationary and/or mobile sources of TACs (e.g., a fossil fuel power plant, a high traffic volume freeway or roadway, or a gas station). Various documents have been issued and updated over the years to provide guidance and recommendations on how HRAs should be prepared, what factors should be evaluated, and what thresholds should be considered. For example, both the California Air Pollution Control Officers Association (CAPCOA) and the California Office of Environmental Health Hazard Assessment (OEHHA) have issued guidance documents addressing the preparation of HRAs. And, OEHHA's "Air Toxics Hot Spots Program, Risk Assessment Guidelines, Guidance Manual for Preparation of Health Risk Assessments" (2015) is considered the most current and comprehensive set of methodological guidelines in California for conducting HRAs.

CAPCOA's "Health Risk Assessments for Proposed Land Use Projects" (2009) identifies typical thresholds of significance for the two categories of projects that have the potential to result in exposure to TACs: Type A and Type B Projects. Type A Projects are land use projects that emit TACs with impacts to sensitive receptors, and Type B Projects are land use projects with sensitive receptors that would be impacted by nearby, existing sources of TACs. For Type A Projects, CAPCOA notes that, "for the majority of the air districts[,] the excess cancer risk significance threshold is set at 10 in a million. For TACs with acute or chronic, non-carcinogenic health effects, a hazard index of one must not be exceeded" (CAPCOA 2009). For

Air Quality Technical Report for the Newland Sierra Project

Type B Projects, CAPCOA states that “air districts have historically recommended CEQA thresholds for air pollutants in the context of the air district’s clean air attainment plan, or (in the case of TACs) within the framework of a rule or policy that manages risks and exposures due to toxic pollutants” (CAPCOA 2009). In effect, CAPCOA recognizes that a HRA-related threshold applicable to a Type A Project is equally applicable to a Type B Project.

The 2015 OEHHA Guidelines mentioned above did not establish or recommend thresholds of significance for HRAs. However, thresholds of significance are in use in air basins around the state, including the Bay Area, San Joaquin, South Coast, and San Diego air basins. The air districts in those regions have established recommended incremental cancer risk and non-cancer health hazard index thresholds for projects that have the potential to expose sensitive receptors to TACs. While air districts do not regulate mobile source emissions or projects that are exposed to mobile or stationary source emissions, the thresholds these districts establish are considered appropriate for use in conducting HRAs by cities and counties in these same districts. An overview of available air district-specific recommendations is provided below:

- The South Coast Air Quality Management District established an incremental/excess cancer risk thresholds of 10 in 1 million people for notification purposes and 25 in 1 million people for application of risk reduction measures.
- The San Joaquin Valley Air Pollution Control District established a cancer risk threshold of 20 in 1 million people.
- The Bay Area Air Quality Management District recommended use of an incremental cancer risk threshold of 10 in 1 million and a hazard index of 1.0 for Type B Projects.
- The SDAPCD has established public health risk notification thresholds (SDAPCD Rule 1210), including an incremental cancer risk threshold of 10 in 1 million people and a total acute non-cancer health hazard index of 1.0.

Additionally, in June 2015, and in response to the 2015 OEHHA Guidelines published earlier that year, SDAPCD published their “Supplemental Guidelines for Submission of Air Toxics ‘Hot Spots’ Program Health Risk Assessments.” In the Supplemental Guidelines, SDAPCD clarified the thresholds that apply to projects conducting HRAs, stating that “cancer and non-cancer chronic and acute risk isopleths (contours) are required if offsite cancer risks exceed 10 in a million or the non-cancer HHI’s exceed 1.”

Relatedly, as is common practice in other air basins around the state, the County’s “Air Quality CEQA Guidelines for Determining Significance” (2007) use SDAPCD’s thresholds for residential or mixed use projects that are adjacent to stationary sources (such as an industrial plant or gas station) and/or mobile sources (such as a freeway) that have the potential to create an

Air Quality Technical Report for the Newland Sierra Project

incremental cancer risk or a non-cancer-related acute or chronic risk within the future population of a proposed project.

2.3.3 Local

San Diego Air Pollution Control District

CARB is responsible for the regulation of mobile emission sources within the state, and local air quality management districts and air pollution control districts are responsible for enforcing standards and regulating stationary sources. The project Site is located within the SDAB and is subject to the guidelines and regulations of the SDAPCD. Among other jurisdictional responsibilities, SDAPCD regulates existing, modified, and new stationary sources of air pollutants, prepares and adopts regional plans for the attainment of federal and state air quality standards, establishes requirements and thresholds for projects conducting HRAs, and maintains guidance documents for various types of projects in the San Diego Air Basin.

In San Diego County, O₃ and particulate matter are the pollutants of main concern, since exceedances of state ambient air quality standards for those pollutants are experienced here in most years. For this reason, the SDAB has been designated as a nonattainment area for the state PM₁₀, PM_{2.5}, and O₃ standards. The SDAB is also a federal O₃ attainment (maintenance) area for 1997 8-hour O₃ standard, an O₃ nonattainment area for the 2008 8-hour O₃ standard, and a CO maintenance area (western and central part of the SDAB only, including the project Site).

Federal Attainment Plans

The *Eight-Hour Ozone Attainment Plan for San Diego County* indicates that local controls and state programs would allow the region to reach attainment of the federal 1997 8-hour O₃ standard (SDAPCD 2007). In this plan, SDAPCD relies on the Regional Air Quality Strategy (RAQS) to demonstrate how the region will comply with the federal O₃ standard. The RAQS details how the region will manage and reduce O₃ precursors (NO_x and volatile organic compounds (VOCs)) by identifying measures and regulations intended to reduce these contaminants. The control measures identified in the RAQS generally focus on stationary sources; however, the emissions inventories and projections in the RAQS address all potential sources, including those under the authority of CARB and the EPA. Incentive programs for reduction of emissions from heavy-duty diesel vehicles, off-road equipment, and school buses are also established in the RAQS.

Air Quality Technical Report for the Newland Sierra Project

As discussed in the *Redesignation Request and Maintenance Plan for the 1997 National Ozone Standard for San Diego County*¹, the SDAB reached attainment of the federal 1997 standard in 2011 (SDAPCD 2012). This redesignation request demonstrates the region's attainment of the 1997 O₃ NAAQS and outlines the plan for maintaining attainment status.

State Attainment Plans

The SDAPCD and the San Diego Association of Governments (SANDAG) are responsible for developing and implementing the clean air plan for attainment and maintenance of the ambient air quality standards in the SDAB. The RAQS for the SDAB was initially adopted in 1991, and most recently updated in 2009 (SDAPCD 2009a). The RAQS identifies the plans and control measures designed by SDAPCD to attain the state air quality standards for O₃. (Although the RAQS does not include plans and control measures designed to attain the NAAQS, in general, the CAAQS are more stringent than the NAAQS; therefore, plans like the RAQS designed to assist the SDAB in achieving attainment for the CAAQS would, by nature, assist the basin in achieving NAAQS attainment status). The RAQS relies on information from CARB and SANDAG, including mobile and area source emissions, and information regarding projected growth in the cities and San Diego County, to project future emissions and determine the strategies necessary for the reduction of emissions through regulatory controls. CARB mobile source emission projections and SANDAG growth projections are based on population, vehicle trends, and land use plans developed by the cities and San Diego County as part of the development of their general plans.

In December 2005, SDAPCD prepared a report titled *Measures to Reduce Particulate Matter in San Diego County* to address implementation of Senate Bill (SB) 656 in San Diego County (SB 656 required additional controls to reduce ambient concentrations of PM₁₀ and PM_{2.5}) (SDAPCD 2005). In the report, SDAPCD evaluated the implementation of source-control measures that would reduce particulate matter emissions associated with residential wood combustion; various construction activities including earthmoving, demolition, and grading; bulk material storage and handling; carryout and trackout removal and cleanup methods; inactive disturbed land; disturbed open areas; unpaved parking lots/staging areas; unpaved roads; and windblown dust.

¹ For the purpose of this report, the relevant federal air quality plan is the ozone maintenance plan (SDAPCD 2012). The RAQS is the applicable plan for purposes of state air quality planning. Both plans reflect growth projections in the SDAB.

Air Quality Technical Report for the Newland Sierra Project

SDAPCD Rules and Regulations

As stated above, the SDAPCD is responsible for planning, implementing, and enforcing federal and state ambient standards in the SDAB. The following rules and regulations apply to all sources in the jurisdiction of SDAPCD, and would apply to the proposed project:

1. **SDAPCD Regulation IV: Prohibitions; Rule 51: Nuisance.** Prohibits the discharge, from any source, of such quantities of air contaminants or other materials that cause or have a tendency to cause injury, detriment, nuisance, annoyance to people and/or the public, or damage to any business or property (SDAPCD 1969).
2. **SDAPCD Regulation IV: Prohibitions; Rule 55: Fugitive Dust.** Regulates fugitive dust emissions from any commercial construction or demolition activity capable of generating fugitive dust emissions, including active operations, open storage piles, and inactive disturbed areas, as well as track-out and carry-out onto paved roads beyond a project Site (SDAPCD 2009b).
3. **SDAPCD Regulation IV: Prohibitions; Rule 67.0.1: Architectural Coatings.** Requires manufacturers, distributors, and end users of architectural and industrial maintenance coatings to reduce VOC emissions from the use of these coatings, primarily by placing limits on the VOC content of various coating categories (SDAPCD 2001).

SDAPCD Guidance on the Preparation of HRAs

As discussed above, SDAPCD Rule 1210 (Toxic Air Contaminants Public Health Risks—Public Notification and Risk Reduction) is applicable to stationary sources under SDAPCD's jurisdiction that are required to prepare a public HRA pursuant to Section 44360 of the Health and Safety Code. Rule 1210 serves as the foundation for the County's "Air Quality CEQA Guidelines for Determining Significance" (2007) for purposes of determining incremental cancer risk and health hazard index impacts. Additionally, SDAPCD's "Supplemental Guidelines for Submission of Air Toxics 'Hot Spots' Program Health Risk Assessments" (2015) address the specific modeling and user default options for the risk evaluation incorporated into the Hot Spots Analysis and Reporting Program (HARP) developed by CARB, OEHHA, and CAPCOA. (HARP is the program used for preparing HRAs.) The Supplemental Guidelines established the required elements of an HRA and the thresholds to be used for cancer risk and non-cancer-related acute and chronic health risk.

County Code Section 87.428, Dust Control Measures. As part of the San Diego County Grading, Clearing, and Watercourses Ordinance, County Code Section 87.428 requires all clearing and grading to be carried out with dust control measures adequate to prevent creation of a nuisance to persons or public or private property. Clearing, grading, or improvement plans

Air Quality Technical Report for the Newland Sierra Project

shall require that measures such as the following be undertaken to achieve this result: watering, application of surfactants, shrouding, control of vehicle speeds, paving of access areas, or other operational or technological measures to reduce dispersion of dust. These project design measures are to be incorporated into all earth-disturbing activities to minimize the amount of particulate matter emissions from construction (County of San Diego 2004).

2.4 Background Air Quality

2.4.1 Pollutants and Effects

Criteria Air Pollutants

Criteria air pollutants are defined as pollutants for which the federal and state governments have established ambient air quality standards, or criteria, for outdoor concentrations to protect public health. The federal and state standards have been set, with an adequate margin of safety, at levels above which concentrations could be harmful to human health and welfare. These standards are designed to protect the most sensitive persons from illness or discomfort. Pollutants of concern include: O₃, NO₂, CO, SO₂, PM₁₀, PM_{2.5}, and lead. These pollutants are discussed below.² In California, sulfates, vinyl chloride, hydrogen sulfide, and visibility-reducing particles are also regulated as criteria air pollutants.

Ozone. O₃ is a colorless gas that is formed in the atmosphere when VOCs, sometimes referred to as reactive organic gases, and NO_x react in the presence of ultraviolet sunlight. O₃ is not a primary pollutant; it is a secondary pollutant formed by complex interactions of two pollutants directly emitted into the atmosphere. The primary sources of VOCs and NO_x, the precursors of O₃, are automobile exhaust and industrial sources. Meteorology and terrain play major roles in O₃ formation and ideal conditions occur during summer and early autumn, on days with low wind speeds or stagnant air, warm temperatures, and cloudless skies. Short-term exposures (lasting for a few hours) to O₃ at levels typically observed in Southern California can result in breathing pattern changes, reduction of breathing capacity, increased susceptibility to infections, inflammation of the lung tissue, and some immunological changes.

Nitrogen Dioxide. Most NO₂, like O₃, is not directly emitted into the atmosphere but is formed by an atmospheric chemical reaction between nitric oxide (NO) and atmospheric oxygen. NO and NO₂ are collectively referred to as NO_x and are major contributors to O₃ formation. High concentrations of NO₂ can cause breathing difficulties and result in a brownish-red cast to the

² The following descriptions of health effects for each of the criteria air pollutants associated with project construction and operations are based on the EPA's Six Common Air Pollutants (EPA 2014b) and the CARB Glossary of Air Pollutant Terms (CARB 2013) published information.

Air Quality Technical Report for the Newland Sierra Project

atmosphere with reduced visibility. There is some indication of a relationship between NO_2 and chronic pulmonary fibrosis and some increase in bronchitis in children (2 and 3 years old) has also been observed at concentrations below 0.3 ppm.

Carbon Monoxide. CO is a colorless and odorless gas formed by the incomplete combustion of fossil fuels. CO is emitted almost exclusively from motor vehicles, power plants, refineries, industrial boilers, ships, aircraft, and trains. In urban areas, automobile exhaust accounts for the majority of CO emissions. CO is a non-reactive air pollutant that dissipates relatively quickly; therefore, ambient CO concentrations generally follow the spatial and temporal distributions of vehicular traffic. CO concentrations are influenced by local meteorological conditions; primarily wind speed, topography, and atmospheric stability. CO from motor vehicle exhaust can become locally concentrated when surface-based temperature inversions are combined with calm atmospheric conditions, a typical situation at dusk in urban areas between November and February. The highest levels of CO typically occur during the colder months of the year when inversion conditions are more frequent. In terms of health, CO competes with oxygen, often replacing it in the blood, thus reducing the blood's ability to transport oxygen to vital organs. The results of excess CO exposure can be dizziness, fatigue, and impairment of central nervous system functions.

Sulfur Dioxide. SO_2 is a colorless, pungent gas formed primarily by the combustion of sulfur-containing fossil fuels. Main sources of SO_2 are coal and oil used in power plants and industries; as such, the highest levels of SO_2 are generally found near large industrial complexes. In recent years, SO_2 concentrations have been reduced by the increasingly stringent controls placed on stationary source emissions of SO_2 and limits on the sulfur content of fuels. SO_2 is an irritant gas that attacks the throat and lungs and can cause acute respiratory symptoms and diminished ventilator function in children. SO_2 can also yellow plant leaves and erode iron and steel.

Particulate Matter. Particulate matter pollution consists of very small liquid and solid particles floating in the air, which can include smoke, soot, dust, salts, acids, and metals. Particulate matter can form when gases emitted from industries and motor vehicles undergo chemical reactions in the atmosphere. $\text{PM}_{2.5}$ and PM_{10} represent fractions of particulate matter. Fine particulate matter, or $\text{PM}_{2.5}$, is roughly 1/28 the diameter of a human hair. $\text{PM}_{2.5}$ results from fuel combustion (e.g., motor vehicles, power generation, and industrial facilities), residential fireplaces, and wood stoves. In addition, $\text{PM}_{2.5}$ can be formed in the atmosphere from gases such as sulfur oxides (SO_x), NO_x , and VOCs. Inhalable or coarse particulate matter, or PM_{10} , is about 1/7 the thickness of a human hair. Major sources of PM_{10} include crushing or grinding operations; dust stirred up by vehicles traveling on roads; wood-burning stoves and fireplaces; dust from construction, landfills, and agriculture; wildfires and brush/waste burning; industrial sources; windblown dust from open lands; and atmospheric chemical and photochemical reactions.

Air Quality Technical Report for the Newland Sierra Project

PM_{2.5} and PM₁₀ pose a greater health risk than larger-size particles. When inhaled, these tiny particles can penetrate the human respiratory system's natural defenses and damage the respiratory tract. PM_{2.5} and PM₁₀ can increase the number and severity of asthma attacks, cause or aggravate bronchitis and other lung diseases, and reduce the body's ability to fight infections. Very small particles of substances, such as lead, sulfates, and nitrates, can cause lung damage directly or be absorbed into the blood stream, causing damage elsewhere in the body. Additionally, these substances can transport absorbed gases, such as chlorides or ammonium, into the lungs, also causing injury. Whereas PM₁₀ tends to collect in the upper portion of the respiratory system, PM_{2.5} is so tiny that it can penetrate deeper into the lungs and damage lung tissues. Suspended particulates also damage and discolor surfaces on which they settle, as well as produce haze and reduce regional visibility.

Lead. Lead (Pb) in the atmosphere occurs as particulate matter. Sources of lead include leaded gasoline, the manufacturing of batteries, paint, ink, ceramics, and ammunition and secondary lead smelters. Prior to 1978, mobile emissions were the primary source of atmospheric lead. Between 1978 and 1987, the phase-out of leaded gasoline for motor vehicles reduced the overall inventory of airborne lead by nearly 95%. With the phase-out of leaded gasoline, secondary lead smelters, battery recycling, and manufacturing facilities are becoming lead-emission sources of greater concern.

Prolonged exposure to atmospheric lead poses a serious threat to human health. Health effects associated with exposure to lead include gastrointestinal disturbances, anemia, kidney disease, and in severe cases, neuromuscular and neurological dysfunction. Of particular concern are low-level lead exposures during infancy and childhood. Such exposures are associated with decrements in neurobehavioral performance including intelligence quotient performance, psychomotor performance, reaction time, and growth.

Volatile Organic Compounds. Hydrocarbons are organic gases that are formed from hydrogen and carbon and sometimes other elements. Hydrocarbons that contribute to formation of O₃ are referred to and regulated as VOCs (also referred to as ROGs). Combustion engine exhaust, oil refineries, and fossil-fueled power plants are sources of hydrocarbons. Other sources of hydrocarbons include evaporation from petroleum fuels, solvents, dry cleaning solutions, and paint.

The primary health effects of VOCs result from the formation of O₃ and its related health effects. High levels of VOCs in the atmosphere can interfere with oxygen intake by reducing the amount of available oxygen through displacement. Carcinogenic forms of hydrocarbons, such as benzene, are considered TACs. There are no separate health standards for VOCs as a group.

Air Quality Technical Report for the Newland Sierra Project

Non-Criteria Pollutants

Toxic Air Contaminants

The state list of TACs identifies about 700 plus substances and the federal list of HAPs identifies 189 substances. TACs are generated by a number of sources, including stationary sources, such as dry cleaners, gas stations, combustion sources, and laboratories; mobile sources, such as automobiles; and area sources, such as landfills. Adverse health effects associated with exposure to TACs may include carcinogenic (i.e., cancer-causing) and noncarcinogenic effects. Noncarcinogenic effects typically affect one or more target organ systems and may be experienced on either short-term (acute) or long-term (chronic) exposure to a given TAC. Examples include certain aromatic and chlorinated hydrocarbons, certain metals, asbestos, and particulate matter including diesel particulate matter (DPM).

DPM is part of a complex mixture that makes up diesel exhaust. Diesel exhaust is composed of two phases, gas and particle, both of which contribute to health risks. CARB classified “particulate emissions from diesel-fueled engines” (i.e., DPM) as a TAC in August 1998. DPM is emitted from a broad range of diesel engines: on-road diesel engines of trucks, buses, and cars and off-road diesel engines including locomotives, marine vessels, and heavy-duty construction equipment, among others. Approximately 70% of all airborne cancer risk in California is associated with DPM (CARB 2000). To reduce the cancer risk associated with diesel particulate matter, CARB adopted a diesel risk reduction plan in 2000.

Odorous Compounds

Odors are generally regarded as an annoyance rather than a health hazard. Manifestations of a person’s reaction to odors can range from psychological (e.g., irritation, anger, or anxiety) to physiological (e.g., circulatory and respiratory effects, nausea, vomiting and headache). The ability to detect odors varies considerably among the population and overall is quite subjective. People may have different reactions to the same odor. An odor that is offensive to one person may be perfectly acceptable to another (e.g., coffee roaster). An unfamiliar odor is more easily detected and is more likely to cause complaints than a familiar one. Known as odor fatigue, a person can become desensitized to almost any odor and recognition may only occur with an alteration in the intensity. The occurrence and severity of odor impacts depend on the nature, frequency, and intensity of the source; wind speed and direction; and the sensitivity of receptors.

Air Quality Technical Report for the Newland Sierra Project

Crystalline Silica

Toxicology of Crystalline Silica

Inhalation of crystalline silica initially causes respiratory irritation and an inflammatory reaction in the lungs. Silicosis results from chronic exposure and is characterized by the presence of histologically unique silicotic nodules and by fibrotic scarring of the lung. Lung diseases other than cancer associated with silica exposure include silicosis, tuberculosis/silicotuberculosis, chronic bronchitis, small airways disease, and emphysema. Levels to which workers (e.g., miners, sandblasters) may be exposed can be carcinogenic. Silica exposure has been implicated in autoimmune diseases (rheumatoid arthritis, scleroderma, systemic lupus erythematosus) in gold miners and granite workers and in the causation of kidney disease in some occupations, possibly by an immune mechanism.

Acute exposures to high concentrations cause cough, shortness of breath, and pulmonary alveolar lipoproteinosis (acute silicosis). In a report on the hazards of exposure to crystalline silica, the American Thoracic Society (1997) stated: “Studies from many different work environments suggest that exposure to working environments contaminated by silica at dust levels that appear not to cause roentgenographically visible simple silicosis can cause chronic airflow limitation and/or mucus hypersecretion and/or pathologic emphysema” (Appendix F).

Other researchers also concluded that “chronic levels of silica dust that do not cause disabling silicosis may cause the development of chronic bronchitis, emphysema, and/or small airways disease that can lead to airflow obstruction, even in the absence of radiological silicosis.” Fibrotic lesions associated with crystalline silica have also been found at autopsy in the lungs of granite workers who lacked radiological evidence of silicosis (Appendix F).

Several studies have reported “environmental silicosis,” cases where the silicosis occurs in the absence of an industry usually associated with the disease. One study investigated non-occupational pneumoconiosis in Ladakh, India, high in the western Himalayas where there are no mines or industries. The prevalence of pneumoconiosis corresponded with the severity of dust storms and the presence or absence of chimneys in the kitchens (i.e., ventilated cooking). Without chimneys, dust concentrations in kitchens averaged 7.5 mg/m^3 during cooking periods. The free silica content of the dust storms was approximately 60-70%. The authors suggested that exposure to free silica from dust storms and to soot from cooking with domestic fuels caused the pneumoconiosis. Such exposures in this and other studies might be considered to be non-industrial but occupational, since the subjects studied were involved in the domestic work of cleaning and cooking (Appendix F). Regardless, the exposures were very high and thus similar to some occupational exposures.

Air Quality Technical Report for the Newland Sierra Project

Regulatory Status of Crystalline Silica

Crystalline silica is widely used in industry and has long been recognized as a major occupational hazard, causing disability and deaths among workers in several industries. In 1997, the International Agency for Research on Cancer rated respirable crystalline silica a Class 1 carcinogen based exclusively on worker exposure levels and epidemiology (Appendix F). In 2005, OEHHA adopted the Toxicity Summary for respirable crystalline silica which states:

“In 1997, IARC classified respirable crystalline silica in Class 1, a Known Human Carcinogen, based on occupational epidemiologic studies. However, chronic RELs are not based on cancer endpoints. Further, there is no approved cancer potency factor for silica.”

In other words, adverse health effects or endpoints other than cancer were used by OEHHA to determine the chronic non-cancer reference exposure level (REL). For purposes of health risk assessment using State of California AB 2588 Air Toxics Hot Spot Program methods, respirable crystalline silica is not a carcinogen. Concentrations to which the public may be exposed are unexpected to give rise to cancer. Accordingly, OEHHA developed the chronic, non-cancer REL. The California Occupational Health and Safety Administration (CalOSHA) developed the cancer protective permissible exposure level (PEL) for worker exposures. Both OEHHA and CalOSHA thresholds are presented in Table 9 (Appendix F).

Table 9
Regulatory Exposure Levels for Crystalline Silica

Agency	Applicability	Concentration ($\mu\text{g}/\text{m}^3$)	Basis
OEHHA	Environmental exposures to respirable dust.	3	Non-cancer health effect, annual average exposure.
CalOSHA	Worker exposures to respirable dust.	50	Carcinogenic health effect. 8 hour time weighted average exposure.

Source: Appendix F.

2.4.2 SDAB Attainment Designation

Pursuant to the 1990 federal Clean Air Act Amendments, the EPA classifies air basins (or portions thereof) as “attainment” or “nonattainment” for each criteria air pollutant, based on whether the NAAQS have been achieved. Generally, if the recorded concentrations of a pollutant are lower than the standard, the area is classified as “attainment” for that pollutant. If an area exceeds the standard, the area is classified as “nonattainment” for that pollutant. As previously discussed, these standards are set by the EPA or CARB for the maximum level of a given air pollutant that can exist in the outdoor air without unacceptable effects on human health or the public welfare. If there is not enough data available to determine whether the

Air Quality Technical Report for the Newland Sierra Project

standard is exceeded in an area, the area is designated as “unclassified” or “unclassifiable.” The designation of “unclassifiable/attainment” means that the area meets the standard or is expected to be meet the standard despite a lack of monitoring data. Areas that achieve the standards after a nonattainment designation are redesignated as maintenance areas and must have approved Maintenance Plans to ensure continued attainment of the standards. The California Clean Air Act, like its federal counterpart, called for the designation of areas as “attainment” or “nonattainment,” but based on CAAQS rather than the NAAQS.

The criteria pollutants of primary concern that are considered in this analysis are O₃, NO₂, CO, SO₂, PM₁₀, and PM_{2.5}. Although there are no ambient standards for VOCs or NO_x, they are important as precursors to O₃.

The portion of the SDAB where the project Site is located is designated by the EPA as an attainment area for the 1997 8-hour NAAQS for O₃ and as a marginal nonattainment area for the 2008 8-hour NAAQS for O₃. The SDAB is designated in attainment for all other criteria pollutants under the NAAQS with the exception of PM₁₀, which was determined to be unclassifiable.

The SDAB is currently designated nonattainment for O₃, PM₁₀ and PM_{2.5} under the CAAQS. It is designated attainment for the CAAQS for CO, NO₂, SO₂, lead, and sulfates.

Table 10, SDAB Attainment Classification, summarizes the SDAB’s federal and state attainment designations for each of the criteria pollutants.

Table 10
SDAB Attainment Classification

Pollutant	Federal Designation ^a	State Designation ^b
O ₃ (1-hour)	Attainment ¹	Nonattainment
O ₃ (8-hour – 1997) (8-hour – 2008)	Attainment (Maintenance) Nonattainment (Marginal)	Nonattainment
CO	Attainment (Maintenance) ²	Attainment
PM ₁₀	Unclassifiable/Attainment ³	Nonattainment
PM _{2.5}	Unclassifiable/Attainment	Nonattainment
NO ₂	Unclassifiable/Attainment	Attainment
SO ₂	Attainment	Attainment
Lead ⁴	Unclassifiable/Attainment	Attainment
Sulfates	(no federal standard)	Attainment
Hydrogen Sulfide	(no federal standard)	Unclassified
Visibility-Reducing Particles	(no federal standard)	Unclassified
Vinyl chloride ⁴	No federal standard	No designation

Sources: ^a EPA 2015; ^b CARB 2014a.

Notes:

¹ The federal 1-hour standard of 0.12 ppm was in effect from 1979 through June 15, 2005. The revoked standard is referenced here because it was employed for such a long period and because this benchmark is addressed in SIPs.

² The western and central portions of the SDAB are designated attainment, while the eastern portion is designated unclassifiable/attainment.

Air Quality Technical Report for the Newland Sierra Project

³ At the time of designation, if the available data does not support a designation of attainment or nonattainment, the area is designated as unclassifiable.

⁴ CARB has identified lead and vinyl chloride as toxic air contaminants with no threshold level of exposure for adverse health effects determined.

2.4.3 Air Quality Monitoring Data

The SDAPCD operates a network of ambient air monitoring stations throughout San Diego County, which measure ambient concentrations of pollutants and determine whether the ambient air quality meets the CAAQS and the NAAQS. The SDAPCD monitors air quality conditions at 10 locations throughout the basin.

Due to its proximity to the Site and similar geographic and climactic characteristics, the Escondido – East Valley Parkway monitoring station concentrations for all pollutants, except SO₂, are considered most representative of the project Site. The El Cajon – Redwood Avenue monitoring station is the nearest location to the project Site where SO₂ concentrations are monitored.

Ambient concentrations of pollutants from 2010 through 2014 are presented in Table 11, Ambient Air Quality Data. The number of days exceeding the NAAQS and CAAQS is shown in Table 12, Frequency of Air Quality Standard Violations. The federal 8-hour O₃ standards were exceeded in 2010, 2011 and 2014. The state 8-hour O₃ standards were exceeded every year from 2010 to 2014. The state 1-hour O₃ standards were exceeded in 2010, 2011 and 2014. The state 24-hour PM₁₀ standard was exceeded in 2013, and the federal 24-hour PM_{2.5} standard was exceeded in 2012 through 2014. Air quality within the project region was in compliance with both CAAQS and NAAQS for NO₂, CO, PM₁₀ (NAAQS only), and SO₂ during this monitoring period.

Table 11
Ambient Air Quality Data

Pollutant	Averaging Time	2010	2011	2012	2013	2014	Most Stringent Ambient Air Quality Standard	Monitoring Station
O ₃	8-hour	0.084	0.089	0.074	0.075	0.079	0.070 ppm	Escondido – East Valley Parkway
	1-hour	0.105	0.098	0.084	0.084	0.099	0.090 ppm	
PM ₁₀	Annual	21.0 µg/m ³	18.8 µg/m ³	18.1 µg/m ³	23.1 µg/m ³	21.5 µg/m ³	20 µg/m ³	Escondido – East Valley Parkway
	24-hour	43.0 µg/m ³	40.0 µg/m ³	33.0 µg/m ³	82.0 µg/m ³	44.0 µg/m ³	50 µg/m ³	
PM _{2.5}	Annual	12.2 µg/m ³	10.4 µg/m ³	10.8 µg/m ³	10.5 µg/m ³	9.6 µg/m ³	12 µg/m ³	Escondido – East Valley Parkway
	24-hour	52.2 µg/m ³	27.4 µg/m ³	70.7 µg/m ³	56.3 µg/m ³	82.3 µg/m ³	35 µg/m ³	
NO ₂	Annual	0.014	0.013	0.013	0.013	0.011	0.030 ppm	Escondido – East Valley Parkway
	1-hour	0.064	0.062	0.062	0.061	0.063	0.180 ppm	
CO	8-hour	2.46	2.30	3.70	n/a	n/a	9.0 ppm	Escondido – East Valley Parkway
	1-hour*	3.90	3.50	4.40	n/a	n/a	20 ppm	

Air Quality Technical Report for the Newland Sierra Project

Table 11
Ambient Air Quality Data

Pollutant	Averaging Time	2010	2011	2012	2013	2014	Most Stringent Ambient Air Quality Standard	Monitoring Station
SO ₂	Annual	n/a	0.00	n/a	n/a	n/a	0.030 ppm	El Cajon – Redwood Avenue
	24-hour	n/a	0.001	0.001	n/a	n/a	0.040 ppm	

Sources: CARB 2014b; EPA 2014c.

Data represent maximum values

NA = data not available/insufficient data

* Data were taken from EPA 2014c.

Table 12
Frequency of Air Quality Standard Violations

Monitoring Site	Year	Number of Days Exceeding Standard				
		State 1-Hour O ₃	State 8-Hour O ₃	National 8-Hour O ₃	State 24-hour PM ₁₀ *	National 24-hour PM _{2.5} *
Escondido – East Valley Parkway	2010	2	5	3	—	—
	2011	1	2	2	—	—
	2012	0	2	0	—	3.1 (1)
	2013	0	4	0	6.0 (1)	1.1 (1)
	2014	1	8	5	—	1.0 (1)

Source: CARB 2014b.

* Measurements of PM₁₀ and PM_{2.5} are usually collected every 6 days and 3 days, respectively. “Number of days exceeding the standards” is a mathematical estimate of the number of days concentrations would have been greater than the level of the standard had each day been monitored. The numbers in parentheses are the measured number of samples that exceeded the standard.

Air Quality Technical Report for the Newland Sierra Project

INTENTIONALLY LEFT BLANK

3 SIGNIFICANCE CRITERIA AND ANALYSIS METHODOLOGIES

The State of California has developed guidelines to address the significance of air quality impacts that are contained in Appendix G of the California Environmental Quality Act (CEQA) Guidelines. Based on those guidelines, a project would have a significant environmental impact if it would:

1. Conflict with or obstruct the implementation of the applicable air quality plan;
2. Result in emissions that would violate any air quality standard or contribute substantially to an existing or projected air quality violation;
3. Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is in nonattainment under an applicable federal or state ambient air quality standard (including releasing emissions that exceed quantitative thresholds for O₃ precursors);
4. Expose sensitive receptors to substantial pollutant concentrations; or
5. Create objectionable odors affecting a substantial number of people.

The following significance thresholds for air quality are based on criteria provided in the County's *Guidelines for Determining Significance – Air Quality* (County of San Diego 2007). The County's guidelines were adapted from Appendix G of the CEQA Guidelines listed above.

A significant impact would result if any of the following would occur:

- The project would conflict with or obstruct the implementation of the County RAQS and/or applicable portions of the SIP.
- The project would result in emissions that would violate any air quality standard or contribute substantially to an existing or projected air quality violation:
 - The project would result in emissions that exceed 250 pounds per day of NO_x or 75 pounds per day of VOCs;
 - The project would result in emissions of CO that, when totaled with the ambient concentration, would exceed a 1-hour concentration of 20 ppm or an 8-hour average of 9 ppm;
 - The project would result in emissions of PM_{2.5} that exceed 55 pounds per day;
 - The project would result in emissions of PM₁₀ that exceed 100 pounds per day and increase the ambient PM₁₀ concentrations by 5 µg/m³ or greater at the maximum exposed individual.

Air Quality Technical Report for the Newland Sierra Project

- The project would result in a cumulatively considerable net increase of any criteria pollutant for which the SDAB is in nonattainment under an applicable federal or state Ambient Air Quality Standard (including emissions which exceed the SLTs for ozone precursors).
 - The following guidelines for determining significance must be used for determining the cumulatively considerable net increases during the construction phase:
 - A project that has a significant direct impact on air quality with regard to emissions of PM₁₀, PM_{2.5}, NO_x, and/or VOCs would also have a significant cumulatively considerable net increase;
 - In the event direct impacts from a proposed project are less than significant, a project may still have a cumulatively considerable impact on air quality if the emissions of concern from the proposed project, in combination with the emissions of concern from other proposed projects or reasonably foreseeable future projects within a proximity relevant to the pollutants of concern, are in excess of the guidelines, including the SDAPCD screening-level thresholds.
 - The following guidelines for determining significance must be used for determining the cumulatively considerable net increase during the operational phase:
 - A project that does not conform to the County's RAQS and/or has a significant direct impact on air quality with regard to operation emissions of PM₁₀, PM_{2.5}, NO_x, and/or VOCs would also have a significant cumulatively considerable net increase;
 - Projects that cause road intersections to operate at or below level of service E (analysis required only when the addition of peak-hour trips from the proposed project and the surrounding projects exceeds 2,000) and create a CO hotspot create a cumulatively considerable net increase of CO.
- The project would expose sensitive receptors to substantial pollutant concentrations:
 - The project places sensitive receptors near CO hotspots or creates CO hotspots near sensitive receptors;
 - Project implementation would result in exposure to TACs, resulting in a
 - Maximum incremental cancer risk greater than 10 in 1 million, or,
 - Cancer burden equal to or greater than 1.0, or
 - Total acute non-cancer health hazard index equal to or greater than 1.0, or
 - Total chronic non-cancer health hazard index equal to or greater than 1.0.
- The project, which is not an agricultural, commercial, or an industrial activity subject to SDAPCD standards, as a result of implementation, would either generate objectionable

Air Quality Technical Report for the Newland Sierra Project

odors or place sensitive receptors next to existing objectionable odors, which would affect a considerable number of persons or the public.

SDAPCD

As part of its air quality permitting process, the SDAPCD has established thresholds in Rule 20.2 requiring the preparation of Air Quality Impact Assessments (AQIA) for permitted stationary sources. The SDAPCD sets forth quantitative emission thresholds below which a stationary source would not have a significant impact on ambient air quality. Project-related air quality impacts estimated in this environmental analysis would be considered significant if any of the applicable significance thresholds presented in Table 13, SDAPCD Air Quality Significance Thresholds, are exceeded.

For CEQA purposes, these screening criteria can be used as numeric methods to demonstrate that a project's total emissions would not result in a significant impact to air quality.

Table 13
SDAPCD Air Quality Significance Thresholds

Construction Emissions			
Pollutant	Total Emissions (Pounds per Day)		
Respirable Particulate Matter (PM ₁₀)	100		
Fine Particulate Matter (PM _{2.5})	55		
Oxides of Nitrogen (NO _x)	250		
Oxides of Sulfur (SO _x)	250		
Carbon Monoxide (CO)	550		
Volatile Organic Compounds (VOC)	75*		
Operational Emissions			
Pollutant	Total Emissions		
	Pounds per Hour	Pounds per Day	Pounds per Year
Respirable Particulate Matter (PM ₁₀)	—	100	15
Fine Particulate Matter (PM _{2.5})	—	55	10
Oxides of Nitrogen (NO _x)	25	250	40
Sulfur Oxides (SO _x)	25	250	40
Carbon Monoxide (CO)	100	550	100
Lead and Lead Compounds	—	3.2	0.6
Volatile Organic Compounds (VOC)	—	75*	13.7

Sources: SDAPCD Rules 1501 (SDAPCD 1995) and 20.2(d)(2) (SDAPCD 1998).

* VOC threshold based on the threshold of significance for VOCs from the South Coast Air Quality Management District for the Coachella Valley as stated in the San Diego County Guidelines for Determining Significance.

The thresholds listed in Table 13 represent screening-level thresholds that can be used to evaluate whether project-related emissions could cause a significant impact on air quality.

Air Quality Technical Report for the Newland Sierra Project

Emissions below the screening-level thresholds would not cause a significant impact. In the event that emissions exceed these thresholds, modeling would be required to demonstrate that the project's total air quality impacts result in ground-level concentrations that are below the CAAQS and NAAQS, including appropriate background levels. For nonattainment pollutants, if emissions exceed the thresholds shown in Table 13, the proposed project could have the potential to result in a cumulatively considerable net increase in these pollutants and thus could have a significant impact on the ambient air quality.

With respect to health risk, SDAPCD Rule 1210 implements the public notification and risk reduction requirements of State law, and requires stationary source facilities with a high potential to adversely impact public health to prepare HRAs and reduce health risks below significant risk levels. Additionally, SDAPCD's "Supplemental Guidelines for Submission of Air Toxics 'Hot Spots' Program Health Risk Assessments" address the modeling and methodological parameters of HRAs, noting a level of significance of 10 in 1 million for excess/incremental cancer risk and an index of 1 for non-cancer related acute and chronic health hazard impacts from TACs (SDAPCD 2015b).

With respect to odors, SDAPCD Rule 51 (Public Nuisance) prohibits emission of any material that causes nuisance to a considerable number of persons or endangers the comfort, health, or safety of any person. A project that proposes a use that would produce objectionable odors would be deemed to have a significant odor impact if it would affect a considerable number of off-site receptors.

3.1 Construction Emissions Estimates and Methodology

3.1.1 Construction Equipment and Vehicle Trips

Emissions from the construction phase of the proposed project were estimated using the California Emissions Estimator Model (CalEEMod), Version 2016.3.1, available online (<http://www.caleemod.com/>), and the EPA's *Compilation of Air Pollutant Emission Factors* (AP-42).

Construction is anticipated to commence in January 2018 and would require approximately 10 years to complete. The anticipated construction schedule and equipment fleet by phase is shown in Table 14. Additional details of the construction schedule including hours of operation and duration for heavy construction equipment; worker, vendor (delivery) and hauling trips; and equipment mix are included in Appendix A and Appendix B to this report.

Air Quality Technical Report for the Newland Sierra Project

Table 14
Construction Phasing and Equipment List

Construction Subphase	Off Road Equipment	Quantity
<i>Phase 1 (January 2018 – December 2024)</i>		
Site Preparation	Crawler Tractors	4
	Loaders	2
	Grinder	1
Grading	Crawler Tractors	11
	Excavators	5
	Graders	4
	Tractors/Loaders/Backhoes	2
	Drill Rigs	15
	Water Trucks	14
	Off Highway Trucks (Volvo A40)	2
	Scrapers	5
Building Construction	Cranes	8
	Forklifts	8
	Generator Sets	8
	Tractors/Loaders/Backhoes	4
Trenching (utilities)	Excavators	2
	Tractors/Loaders/Backhoes	8
	Water Truck	8
Architectural Coating	Air Compressors	20
Paving	Pavers	1
	Paving Equipment (Oiler, Sweeper)	2
	Loader	2
	Water Trucks	4
	Rollers	3
	Scrapers	2
Brush Management/Landscaping	Loader	8
	Dump Truck	4
	Water Truck	8
	Trencher	4
Reservoirs	Excavators	1
	Tractors/Loaders/Backhoes	4
	Generator Sets	3
	Aerial Lifts	4
<i>Phase 2 (December 2020 – November 2027)</i>		
Site Preparation	Crawler Tractors	3
	Loaders	2
	Grinder	1
Grading	Crawler Tractors	7
	Excavators	2
	Graders	2

Air Quality Technical Report for the Newland Sierra Project

Table 14
Construction Phasing and Equipment List

Construction Subphase	Off Road Equipment	Quantity
	Tractors/Loaders/Backhoes	2
	Drill Rigs	6
	Water Trucks	10
	Off Highway Trucks (Cat 777)	7
	Scrapers	5
Building Construction	Cranes	4
	Forklifts	8
	Generator Sets	20
	Tractors/Loaders/Backhoes	4
Trenching (utilities)	Excavators	4
	Tractors/Loaders/Backhoes	2
	Water Truck	8
Architectural Coating	Air Compressors	10
Paving	Pavers	1
	Paving Equipment (Oiler, Sweeper)	2
	Loader	2
	Water Trucks	4
	Rollers	3
	Scrapers	2
Brush Management/Landscaping	Loader	4
	Dump Truck	2
	Water Truck	4
	Trencher	2

Source: Fuscoe 2016. See Appendix A and Appendix B.

The equipment mix anticipated for construction activity was based on information provided by the applicant's representatives and best engineering judgment. The equipment mix is meant to represent a reasonably conservative estimate of construction activity. Default values for horsepower and load factor as provided in CalEEMod were utilized for the majority of construction equipment listed in Table 14; however, due to the large size of several off-highway trucks anticipated for the project during earthmoving activities, unit-specific horsepower was assigned to off-highway trucks during grading and earthmoving (Volvo A40 at 400 horsepower and CAT 777 at 1,000 horsepower). It was assumed all equipment utilized during each subphase would be operating 8 hours per day, 6 days per week.

All cut-and-fill quantities would be balanced within the boundaries of the project Site and the improvements to Deer Springs Road and Sarver Lane immediately off-site, and no soil export would be required. Approximately 9.4 million cubic yards of cut and fill would occur during Phase 1, and approximately 1.3 million cubic yards of cut and fill would occur during Phase 2.

Air Quality Technical Report for the Newland Sierra Project

A portion of this cut and fill material would be relocated on Site. Approximately 2,320,570 cubic yards of soil would be relocated on Site during Phase 1, and approximately 103,140 cubic yards of soil would be relocated on Site during Phase 2 (Fuscoe 2016) (see Table 15, Construction Grading and Excavation Quantities). To estimate emissions from trucks hauling excavated rock and soil to various portions of the Site, daily haul truck quantities were estimated using the default hauling capacity of 16 cubic yards as designated in CalEEMod. Average travel distances were provided by Fuscoe based on internal Site movement of soil for grading of individual neighborhoods.

It should be noted that all permanent roadway and roadway infrastructure improvements would be constructed in the early stages of Phase 1, which would serve to reduce construction-related vehicular travel on unpaved roads. However, conservatively, emissions have been estimated assuming that on-site haul truck and vehicular travel during the entire construction period would occur on unpaved surfaces. This conservative assumption serves to overestimate construction-related fugitive dust emissions.

Table 15
Construction Grading Estimates

Activity	Phase 1	Phase 2
Total Grading (acres)	565	11.2
Grading Period (work days)	890	570
On-Site Soil Movement (cubic yards)	2,320,570	103,140
Average On-Site Haul Distance	0.4 mile	0.8 mile

Sources: Fuscoe 2016. See Appendix A.

VOC emissions generated from architectural coatings were estimated based on the number of single-family and multi-family dwelling units and square footage of retail space for each development phase, the calculation method in CalEEMod, and VOC content limitations per SDAPCD Rule 67.0.1 to determine the VOC emission rate in pounds per day (see Appendix B).

3.1.2 Blasting Emissions Methodology

The estimated emissions of NO_x, CO, and SO_x from explosives used for blasting were determined using emission factors in Section 13.3 (Explosives Detonation) of AP-42 (EPA 1980), and PM₁₀ and PM_{2.5} emissions were determined using Section 11.9 of AP-42 (EPA 1998). According to AP-42, “Unburned hydrocarbons also result from explosions, but in most instances, methane is the only species that has been reported” (EPA 1980); methane is not a VOC, and a methane emission factor has not been determined for ammonium nitrate/fuel oil (ANFO). The daily NO_x, CO, and SO_x emissions from blasting of explosive were calculated using the following equation:

Air Quality Technical Report for the Newland Sierra Project

$$\text{Rock Blasted (cubic yard/day)} \times 1 \text{ pound explosive/cubic yard} \div 2,000 \text{ pounds/ton} \\ \times \text{Emission Factor (pound/ton of explosive)} = \text{Pounds/day}$$

The PM₁₀ and PM_{2.5} emissions were calculated using the following equation:

$$E = k \times 0.000014 \times A^{1.5}$$

Where:

E = pounds of PM₁₀ or PM_{2.5} per blast

k = particle size multiplier (= 0.52 for PM₁₀ and 0.03 for PM_{2.5})

A = horizontal area shifted by each blast in square feet

It should be noted that the AP-42 emission factors for explosives are based on studies conducted in the mid-1970s, over 35 years ago; however, no updated factors for blasting explosives were available. In addition, the PM₁₀ and PM_{2.5} emission factors from Section 11.9 of AP-42 were derived from methods for blasting operations at western surface coal mines, including those activities associated with removal of soil overburden. Thus, these factors may overestimate emissions for blasting of hard rock.

Table 16, Blasting Characteristics, shows the anticipated blasting quantities during each construction phase.

Table 16
Blasting Characteristics

Activity	Phase 1	Phase 2
Blasting Days	157	68
Blasted Rock (cubic yards)	5,899,750	2,324,155
Blasted Rock (cubic yards/day)	37,578	34,179
Explosive Used (tons/day)	19.0	17.5
Area Blasted (square feet)	6,110,050	2,634,897
Area Blasted (square feet/day)	38,918	38,748

Source: Kruer 2015a.

3.1.3 Rock Crushing Emissions Methodology

Excavated rock would be crushed and screened to produce capping material (“6 inch minus”) to be used in the construction of the proposed project. Much of this rock may be produced in the field using special attachments installed on off-road equipment used to excavate the rock. However, rock-crushing equipment may be installed to process the excavated rock. If so, this processing equipment would be the primary source of PM₁₀ and PM_{2.5} emissions. The processing equipment would consist of a crusher, screen, and conveyor, and the crushed rock

Air Quality Technical Report for the Newland Sierra Project

would be stockpiled. While a single primary crusher and screen may be all that is required, use of a secondary crusher and additional screen would expedite this process. To generate a conservative emission estimate, it was assumed that a feed hopper, primary and secondary crushers, two screens, and several conveyors for transfers would be used. Particulate emissions from the crushers, screens, and conveyors will be controlled with water sprays.

The PM₁₀ and PM_{2.5} emissions from the processing equipment were calculated using factors provided in Section 11.9.2 of AP-42 (EPA 2004). Because the processing equipment will have water sprays installed to reduce the particulate emissions, emission factors for controlled sources were used for emission estimates.

For transfers to the feed hopper and stockpiles, the “drop” equation in Section 13.2.4 (Aggregate Handling and Storage Piles) of AP-42 (EPA 2006) was used to derive an emission factor. The drop equation is:

$$\text{Emission Factor} = k \times 0.0032 \times (U/5)^{1.3} / (M/2)^{1.4}$$

Where:

E = emission factor, pounds per ton

k = particle size multiplier (dimensionless)

U = mean wind speed, miles per hour

M = material moisture content (%)

The mean wind speed (2.98 miles per hour) from the Escondido meteorological dataset for 2010–2012 was used in this calculation. No additional emission controls were assumed.

The PM₁₀ and PM_{2.5} emissions were calculated using the following equation for each source (e.g., hopper loading, crusher, screen, conveyor, transfer to stockpile):

$$\text{Emission Factor (pounds/ton)} \times \text{Material Throughput (tons/day)} = \text{Pounds/day}$$

Rock crushing equipment would process 2,000 to 2,500 cubic yards per day (Kruer 2015a). A maximum daily throughput of 2,500 cubic yards (approximately 5,650 tons) per day was assumed as a conservative estimate of the potential throughput.

The rock crushing equipment would be powered by a diesel engine-generator. It is assumed that each engine-generator would be approximately 1,000 horsepower. Each engine-generator would operate up to 8 hours per day. The VOC, NO_x, CO, SO_x, PM₁₀, and PM_{2.5} emissions from the diesel engine-generator were estimated using the off-road engine load factor and emission factors from the CalEEMod user’s guide for a typical generator operating in 2018. It

Air Quality Technical Report for the Newland Sierra Project

was assumed that the same equipment would be used for Phase 1 and Phase 2; thus, the emission factors were based on the initial year of use. The daily emissions were calculated using the following equation:

$$\text{Emission Factor (gram/BHP-hour)} \times \text{Engine Rating (BHP)} \times \text{Load Factor} \div 453.6 \text{ gram/pound} \times \text{hours/day} = \text{Pounds/day}$$

The annual number of days were estimated by dividing the total cubic yards of capping material required, as shown in Table 17, Rock Crushing Characteristics, by 7,500 cubic yards per day (Phase 1) or 5,000 cubic yards per day (Phase 2).

Table 17
Rock Crushing Characteristics

Activity	Phase 1	Phase 2
Capping Material (cubic yards)	1,542,071	564,775
Processing Rate (cubic yards day)	7,500	5,000
Operating Days	206	113

Source: Krueger 2015a.

All overlapping construction activities and associated emissions, including those from general construction activities, blasting, and rock crushing were accounted for in the quantification of maximum daily emissions.

3.1.4 Diesel Particulate Matter Health Risk Analysis Methodology

Proposed project construction would result in DPM emissions from heavy-duty construction equipment and trucks operating within the project area. DPM is characterized as a TAC by CARB. The Office of Environmental Health Hazard Assessment (OEHHHA) has identified carcinogenic and chronic noncarcinogenic effects from long-term (chronic) exposure, but it has not identified health effects due to short-term (acute) exposure to DPM. The nearest existing off-site sensitive receptors consist of residences approximately 100 feet from the southeastern portion of the project Site. Additionally, since the proposed project also includes residential development that would be occupied in Phase 1 while Phase 2 of construction is on-going, impacts to on-site receptors were analyzed.

Cancer risk is defined as the increase in lifetime probability (chance) of an individual developing cancer due to exposure to a carcinogenic compound, typically expressed as the increased probability in 1 million people. The cancer risk from inhalation of a TAC is estimated by calculating the inhalation dose in units of milligrams/kilogram body weight per day based on an ambient concentration in units of micrograms per cubic meter ($\mu\text{g}/\text{m}^3$), breathing rate, age-specific sensitivity

Air Quality Technical Report for the Newland Sierra Project

factors, and exposure period, and multiplying the dose by the inhalation cancer potency factor, expressed as units of inverse dose [i.e., (milligrams/kilogram body weight per day)⁻¹]. Typically, population-wide cancer risks are based on a lifetime (70 years) of continuous exposure and an individual resident cancer risk is based on a 30-year exposure duration; however, for the purposes of this analysis, a 10-year exposure scenario for off-site receptors corresponding to the worse-case construction period for the proposed project was assumed since construction activity would occur throughout the 1,985-acre project Site and would not be concentrated in any one area for the entire construction period of 10 years. A 7-year exposure scenario was assumed for potential on-site receptors, as the first residential occupancies would not occur until 2021 (Fuscoe 2016).

Cancer risks are typically calculated for all carcinogenic TACs and summed to calculate the overall increase in cancer risk to an individual. The calculation procedure assumes that cancer risk is proportional to concentrations at any level of exposure and that risks from various TACs are additive. This is considered a conservative assumption at low doses and is consistent with the updated OEHHA-recommended approach (OEHHA 2015).

Non-cancer health impact of an inhaled TAC is measured by the hazard quotient, which is the ratio of the ambient concentration of a TAC in units of $\mu\text{g}/\text{m}^3$ divided by the reference exposure level (REL), also in units of $\mu\text{g}/\text{m}^3$. The inhalation REL is the concentration at or below which no adverse health effects are anticipated. The REL is typically based on health effects to a particular target organ system, such as the respiratory system, liver, or central nervous system. Hazard quotients are then summed for each target organ system to obtain a hazard index.

To estimate the ambient DPM concentrations resulting from construction activities at nearby sensitive receptors, a dispersion modeling analysis was performed using the American Meteorological Society/Environmental Protection Agency Regulatory Model (AERMOD) dispersion model (Lakes Environmental 2015), Version 15181, in conjunction with the Hotspots Analysis and Reporting Program Version 2 (HARP 2). CARB developed HARP 2 as a tool to implement the risk assessments and incorporates all the requirements provided by OEHHA as outlined in the *Air Toxics Hot Spot Program Risk Assessment Guidelines – Guidance Manual for Preparation of Health Risk Assessments* (OEHHA 2015).

The DPM emissions from diesel-powered construction equipment and on-site diesel-powered trucks that would be used during construction are provided in Appendix B. The total tons of on-site DPM emissions from these sources over the construction period were converted to pounds per year. To develop a conservative assumption regarding DPM exposure, it was assumed that an area of 10 acres would be disturbed with equipment operating on different areas of the Site throughout a 10-year (off-site) or 7-year (on-site) period. This is considered conservative as emission sources during construction would not remain in one location for an extended period of time, and equipment and trucks would continually move farther away from receptors as construction is

Air Quality Technical Report for the Newland Sierra Project

completed in any one specific area. Additionally, Phase 1 and Phase 2 grading operations would not overlap as shown in the anticipated construction schedule (Fusco 2016). The Phase 1 grading schedule is anticipated to grade approximately 565 acres over approximately 890 days, which would result in an average of 0.63 graded acres per day. The Phase 2 grading schedule is anticipated to grade approximately 11.2 acres over approximately 573 days, which would result in an average of 0.02 acres per day (Fusco 2016). As such, 10 acres per day was assumed for the purposes of this analysis to include a larger area of daily activity.

It should also be noted that at the time the first on-site residential units are occupied following completion of Phase 1, the majority of on-site construction emission exposure would primarily be generated from equipment associated with vertical (building) construction as opposed to extensive lateral grading activities. Vertical construction would likely take place within a smaller geographic space on Site. As a result, on-site impacts are likely overstated because the typical on-site receptor would not be continually exposed to lateral construction activity over a 10-acre space for 7 years, as analyzed in this analysis. However, to conservatively analyze impacts to potential on-site receptors, a receptor grid was placed immediately surrounding the 10-acre construction area and the maximally exposed individual was reported. Average annual emissions of construction-related exhaust PM_{10} , as a surrogate for DPM, were calculated and then converted to grams per second for use in the AERMOD model.

An emission rate of 8.48×10^{-5} grams per second (g/s) was calculated as follows and applied as the total emissions from volume sources:

333.62 lb/year exhaust PM_{10} during construction

$$333.62 \text{ lb/year} \times 10 \text{ acres} / 1,985 \text{ acres} \times 453.6 \text{ g/lb} \div (8 \text{ hrs/day} \times 312 \text{ days per year}) \div 3,600 \text{ seconds/hour} = 8.48 \times 10^{-5} \text{ g/second}$$

The emissions from heavy-duty equipment and trucks are represented by multiple volume sources. A release height of 5 meters was provided to represent the midrange of the expected plume rise from frequently used construction equipment during daytime atmospheric conditions. An initial vertical dimension of 1.4 meters was applied. The release height and initial vertical dimension reflect those utilized in the South Coast Air Quality Management District's Localized Significance Thresholds (LST) Methodology (SCAQMD 2008).

In summary, the following parameters were utilized in the AERMOD model to represent the sources of DPM emissions in the project area:

- Source type: volume
- Release height: 5 meters

Air Quality Technical Report for the Newland Sierra Project

- Maximum horizontal dimension of each volume source: 20 meters
- Minimum horizontal dimension of each volume source: 20 meters
- Initial vertical dimension: 1.4 meter
- Rural setting

AERMOD-ready meteorological data from 2010 through 2012 for the Escondido East Valley Parkway Monitoring Station were provided by the SDACPD for use in AERMOD. The data were collected by SDAPCD and processed using EPA's AERMET meteorological data processor.

The cancer risk calculations were performed using the HARP 2 Risk Assessment Standalone Tool (RAST) by inputting the predicted annual DPM concentrations from AERMOD for the nearest potential on-site residence, which would be the Maximally Exposed Individual Resident, as well as for the nearest off-site resident. Cancer risk parameters, such as age sensitivity factors, daily breathing rates, fraction of time at home, and cancer potency factors were based on the values and data recommended by OEHHA (2015) as implemented in HARP 2. The potential exposure pathway for DPM includes inhalation only. The potential exposure through other pathways (e.g., ingestion) requires substance and Site-specific data, and the specific parameters for DPM are not known for these pathways.

For the purposes of this assessment, given the less-than-lifetime exposure period, and the higher breathing rates and sensitivity of children to TACs, the cancer risk calculation assumes that the exposure would affect children early in their lives. For the derived cancer risk calculation under the worst-case scenario, the 10-year (off-site) and 7-year (on-site) exposure durations were assumed to start during the third trimester of pregnancy. Additionally, per OEHHA guidance, a "fraction at home" factor was applied to account for typical time spent in the home during the exposure period. In addition to the potential cancer risk, DPM has chronic (i.e., long-term) noncarcinogenic health impacts. The chronic hazard index was evaluated using the OEHHA inhalation RELs. The chronic noncarcinogenic inhalation hazard index for construction activities was also calculated using the HARP 2 RAST.

3.2 Operational Emissions Estimates and Methodology

3.2.1 Criteria Pollutant Emission Estimates

Following the completion of construction activities, the proposed project would generate VOC, NO_x, CO, SO_x, PM₁₀, and PM_{2.5} emissions from project land uses, as well as mobile and stationary sources including vehicular traffic from residents, space heating and cooling, water heating, and fireplace (hearth) use. Emissions from the operational phase of the proposed project

Air Quality Technical Report for the Newland Sierra Project

were estimated using CalEEMod Version 2016.3.1 and the EPA's *Compilation of Air Pollutant Emission Factors* (AP-42).

The proposed project would impact air quality through the vehicular traffic generated by project residents. According to the project's Traffic Impact Analysis (See EIR, Appendix R), total project-generated daily traffic is estimated to be 28,862 trips per day at full buildout (2028) with an average trip length of 10.21 miles per trip (See EIR, Appendix R). CalEEMod was utilized to estimate daily emissions from proposed vehicular sources (refer to Appendix B). To account for project trips and VMT, the CalEEMod inputs included a total of 28,862 trips, including 100% primary trips at 10.21 miles per trip (See EIR, Appendix R).

In addition to estimating mobile source emissions, CalEEMod was also used to estimate emissions from the project Site stationary sources that would be located on the project site, which include natural gas appliances, hearths, landscaping, and consumer products. CalEEMod default ratios for residential units with and without fireplaces were retained; however, it was assumed residential units with fireplaces would be natural gas and no wood-burning fireplaces or wood stoves would be installed. Similar to construction-related architectural coating emission estimates, VOC emissions generated from architectural coatings were estimated based on the number of single-family and multi-family dwelling units and square footage of retail space for each development phase, the calculation method in CalEEMod, and VOC content limitations per SDAPCD Rule 67.0.1 to determine the VOC emission rate in pounds per day (see Appendix B).

The estimation of proposed operational emissions is based upon typical residential, retail, commercial, educational and recreational uses, and the analysis is considered a conservative estimate of the project's anticipated emissions.

3.2.2 Health Risk Assessment Modeling and Methodology

Three sources of TACs were included in the health risk analysis prepared for the proposed project: I-15, Deer Springs Road, and the ARCO gas station located immediately southeast of the project Site.

I-15 has more than 120,000 annual average daily trips (AADT) and is located approximately 570 feet east of the nearest point of the proposed project's Town Center residences and school. CARB's Air Quality and Land Use Handbook: A Community Health Perspective (CARB Handbook) encourages consideration of the health impacts of freeways and high-volume roadways on sensitive receptors sited within 500 feet from the source in the land use decision-making process (CARB 2005). Although the residences located within the Town Center would be farther than 500 feet from I-15, impacts to these residences were analyzed (Appendix C).

Air Quality Technical Report for the Newland Sierra Project

Deer Springs Road has approximately 19,400 AADT and is located approximately 320 feet south of the Town Center's nearest point. The CARB Handbook identifies rural roadways with 50,000 vehicles/day or greater as high-volume roadways. Although Deer Springs Road does not accommodate 50,000 AADT or more, it is included in this analysis because it is located within 500 feet of Town Center and is the closest major roadway to the project Site (Appendix C). In addition to local roadways, an ARCO gas station is located approximately 100 feet southeast of the Town Center. For details regarding traffic projections and distribution, emissions associated with the gas station, and modeling methodology for health risk impacts, refer to the project's Health Risk Assessment (Appendix C).

INTENTIONALLY LEFT BLANK

4 PROJECT IMPACT ANALYSIS

The significance criteria described in Section 3 were used to evaluate impacts associated with the construction and operation of the proposed project.

4.1 Conformance to the RAQS

4.1.1 Guideline for the Determination of Significance

Based on Appendix G of the CEQA Guidelines, and the County *Guidelines for Determining Significance – Air Quality*, the proposed project would have a significant impact if it would:

- Conflict with or obstruct the implementation of the RAQS and/or applicable portions of the State Implementation Plan (SIP).

4.1.2 Significance of Impacts Prior to Mitigation

As previously discussed, the SDAPCD and SANDAG are responsible for developing and implementing the clean air plans for attainment and maintenance of the ambient air quality standards in the SDAB; specifically, the SIP and RAQS.³ The federal O₃ maintenance plan, which is part of the SIP, was adopted in 2012. The SIP includes a demonstration that current strategies and tactics will maintain acceptable air quality in the SDAB based on the NAAQS. The RAQS was initially adopted in 1991 and is typically updated on a triennial basis (most recently in 2016). The RAQS outlines SDAPCD's plans and control measures designed to attain the state air quality standards for O₃. The SIP and RAQS rely on information from CARB and SANDAG, including mobile and area source emissions, as well as information regarding projected growth in San Diego County and the cities in the county, to project future emissions and then determine from that the strategies necessary for the reduction of emissions through regulatory controls. CARB mobile source emission projections and SANDAG growth projections are based on population, vehicle trends, and land use plans developed by San Diego County and the cities in the County as part of the development of their general plans.

As mentioned above, the SIP and RAQS rely on SANDAG growth projections based on population, vehicle trends, and land use plans developed by the cities and by the County as part of the development of their general plans. As such, projects that involve development that is consistent with the growth anticipated by local plans would be consistent with the SIP and RAQS. However, if a project involves development that is greater than that anticipated in the

³ For the purpose of this discussion, the relevant federal air quality plan is the ozone maintenance plan (SDAPCD 2012). The RAQS is the applicable plan for purposes of state air quality planning. Both plans reflect growth projections in the SDAB.

Air Quality Technical Report for the Newland Sierra Project

local plan and SANDAG's growth projections, the project might be in conflict with the SIP and RAQS and may contribute to a potentially significant cumulative impact on air quality.

The proposed project would include a General Plan Amendment that would allow a greater intensity of clustered development beyond current planned land uses. The Site lies within the Bonsall and Twin Oaks Valley Community Plan areas. The General Plan Regional Categories for the proposed project are Rural Lands in the Bonsall Community Plan area and Village, Semi-Rural and Rural Lands in the North County Metropolitan Subregional Plan area community of Twin Oaks. The General Plan Amendment proposes to amend the Regional Category Designation between Rural and Semi-Rural for a portion of the proposed project in North County Metropolitan Subregional Plan area community of Twin Oaks. The boundary of the Village area would not be modified and the Village acreage would remain unchanged. No changes in Regional Category are proposed for the Bonsall Community Plan area.

The existing Community Plan Land Use Designations include General Commercial, Office-Professional, Semi-Rural 10 and Rural Lands 20. The proposed Community Plan Land Use Designations are Village Core Mixed use, Semi-Rural 1 and 10, and Open Space Conservation.

The existing zoning on the project Site General Commercial (C36), Office Professional (C30), Rural Residential (RR), Limited Agriculture (A70), Extractive (S82), and General Rural (S92). The proposed zoning would include General Commercial/Residential (C34), Urban Residential (RU), Limited Agriculture (A70), and Open Space (OS).

The County of San Diego's adopted General Plan emphasizes sustainable community design principles within its Goals and Policies. By locating the proposed project near existing and planned infrastructure, services, and jobs in a compact pattern of development while promoting health and sustainability among its residents, the project was designed around the guiding principles of the General Plan. Consistent with the County's Community Development Model, the most dense neighborhood on the Site, the Town Center, would consist of a range of commercial uses that are supported by a dense network of local roads containing bicycle lanes and walkways linking the neighborhoods with parks, a proposed school, and public areas. Spanning out from Town Center, the proposed project's Semi-Rural areas would contain low-density residential neighborhoods. Farther out, the neighborhoods would be surrounded by Rural Lands characterized by open space, habitat conservation, recreation, and other uses associated with rural areas.

Although the project would include sustainability features to reduce single-passenger vehicular trips and vehicle-miles travelled (VMT), including features and measures described previously, the project would result in a more intense land use (the existing General Plan land use designations would allow for approximately 99 dwelling units and 2,008,116 square feet of

Air Quality Technical Report for the Newland Sierra Project

commercial space) and would generate greater operational trips than those land uses currently allowed under the existing General Plan. As the proposed project would contribute to local population and employment growth and associated VMT that is not anticipated for the project Site in the existing General Plan, the proposed project is not accounted for in the SIP and RAQS, and the proposed project potentially would not be consistent with local air quality plans. The impact would be eliminated once the SDAPCD completes a future update to the RAQS, which would be based on updated SANDAG population and growth projections for the region. Mitigation measure M-AQ-1 is provided to ensure population growth and vehicle trips generated from the proposed project are provided to SANDAG for incorporation into the future RAQS update. This update will likely occur following project approval; therefore, at this time the impact is considered **significant and unavoidable**.

4.1.3 Mitigation Measures and Design Considerations

M-AQ-1 Prior to SANDAG's next update to the Regional Housing Needs Assessment, the County shall prepare a revised population, employment and housing forecast for SANDAG that reflects anticipated growth generated from the proposed project. The updated forecast provided to SANDAG shall be used to inform the SDAPCD's update to the Regional Air Quality Strategy and State Implementation Plan. The County shall prepare and submit a letter notifying the SDAPCD of this revised forecast for use in the future update to the RAQS and SIP as required.

4.1.4 Conclusions

Although coordination with SANDAG and the SDAPCD would be initiated, the proposed project would not be in conformance with the RAQS and SIP until population growth and associated trip generation is incorporated into the next update to the RAQS. It is unknown at this time when this update would occur, as the update is not within the control of the County of San Diego or the project applicant; therefore, impacts would remain **significant and unavoidable** following implementation of mitigation measure M-AQ-1.

4.2 Conformance to Federal and State Ambient Air Quality Standards

4.2.1 Construction Impacts

4.2.1.1 Guideline for the Determination of Significance

Based on Appendix G of the CEQA Guidelines, and the County *Guidelines for Determining Significance – Air Quality*, the proposed project would have a significant impact if it would:

Air Quality Technical Report for the Newland Sierra Project

- Result in emissions that would violate any air quality standard or contribute substantially to an existing or projected air quality violation.

4.2.1.2 Significance of Impacts Prior to Mitigation

Construction Equipment and Vehicle Trips

Construction of the proposed project would result in a temporary addition of pollutants to the local airshed caused by soil disturbance, dust emissions, and combustion pollutants from on-site construction equipment, as well as from off-site trucks hauling soil and construction materials to the project Site. Construction emissions can vary substantially from day to day, depending on the level of activity, the specific type of operation, and, for dust, the prevailing weather conditions. Therefore, such emission levels can be approximately estimated, with a corresponding uncertainty in precise ambient air quality impacts. Fugitive dust emissions would primarily result from Site preparation and road construction activities. NO_x and CO emissions would primarily result from the use of construction equipment and motor vehicles.

As previously discussed, emissions from the construction phase of the proposed project were estimated using CalEEMod and AP-42.

Construction is anticipated to commence in January 2018 and would require approximately 10 years to complete. Phase 1 of the proposed project would occur from January 2018 to December 2024. Phase 1 of construction would include roadway improvements; construction of the onsite water tanks; and construction of the Hillside, Mesa, Lower Knolls, Valley and Terraces neighborhoods. Phase 2 of the proposed project would occur from December 2020 to November 2027. Phase 2 of construction would include improvements to Camino Mayor, construction of the Summit and Upper Knolls neighborhoods, and the Town Center. Details of the construction schedule including hours of operation and duration for heavy construction equipment; vendor, haul truck, and worker trips; and equipment mix are included in Appendix A.

The equipment mix anticipated for construction activity was based on information provided by the applicant's representative and best engineering judgment. The equipment mix is meant to represent a reasonably conservative estimate of construction activity. To account for dust control measures in the calculations, it was assumed that the active sites would be watered at least three times daily as necessary to comply with SDAPCD Rule 55, resulting in an approximately 61 percent reduction of particulate matter as calculated by CalEEMod.

The proposed project is also subject to SDAPCD Rule 67.0.1 – Architectural Coatings. This rule requires manufacturers, distributors, and end users of architectural and industrial maintenance coatings to reduce VOC emissions from the use of these coatings, primarily by placing limits on

Air Quality Technical Report for the Newland Sierra Project

the VOC content of various coating categories. Emissions as reported reflect reductions through compliance with SDAPCD Rule 67.0.1.

Blasting Emissions

Blasting would generate emissions of NO_x, CO, SO_x from the explosive and PM₁₀ and PM_{2.5} from fugitive dust generated by the blast. An estimated 17 to 19 tons of explosive would be used per day. Using the methodology described in Section 3.1.2 and activity levels shown in Table 16, the emissions of NO_x, CO, SO_x, PM₁₀, and PM_{2.5} are presented in Table 18, Blasting Emissions. As noted in Section 3.1.2, methane is the primary hydrocarbon reported, and methane is not considered to be VOC; thus, no VOC emissions are reported in Table 18. Detailed emissions calculations are provided in Appendix D to this report.

Table 18
Blasting Emissions (pounds per day)

Activity	VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Phase 1 (Jan 2018 – Dec 2024) ¹	—	323.00	1,273.00	38.00	55.89	3.22
Phase 2 (Dec 2020 – Nov 2027) ¹	—	297.50	1,172.50	35.00	55.53	3.20

Source: Appendix D.

¹ All grading activities, blasting, and rock crushing operations are anticipated to be completed by the end of 2022 when major earthwork activity would be completed for both phases.

Rock Crushing Emissions

As noted in Section 3.1.3, rock crushing equipment may be installed to provide capping material and other construction materials for roads and landscaping. The rock crushing emission estimates assume that the processing equipment would consist of a feed hopper into which blasted rock would be loaded using a large front-end loader, primary and secondary crushers, two screens to capture capping (“6 inch minus”) and other construction materials, and several conveyors for inter-device transfers and stacking into stockpiles. The crushers, screens, and conveyors would be equipped with water sprays; thus, the AP-42 controlled emission factors were used, except for the emissions associated with loading the feed hopper. A maximum daily processing rate of 2,500 cubic yards or 5,650 tons per day per crushing facility was assumed for the emission calculations. It was assumed that 70% of the input to the primary crusher would pass along to the secondary crusher (Kruer 2015b) for further crushing. The rock-crushing equipment may be installed and operated depending on the phase.

Each diesel engine-generator to power the equipment is assumed to be rated at 750 kilowatts (or approximately 1,000 horsepower). It is assumed that each engine-generator would operate up to 8 hours per day. As discussed in Section 3.1.3, the emission calculations were based on the CalEEMod emission factors for a typical off-road engine operating in 2018 (the first year of construction). It was

Air Quality Technical Report for the Newland Sierra Project

assumed that the same engine-generators would be used for all three phases; thus, the CalEEMod emission factors for later years, which would generally be lower, were not applied. This serves to conservatively estimate project-related emissions.

The daily emissions by phase for the rock crushing operation and associated diesel engine-generators are shown by phase in Table 19. Emission calculations are provided in Appendix D.

Table 19
Rock Crushing Emissions (pounds per day)

Source	VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
<i>Phase 1 (January 2018 – December 2024)¹</i>						
Rock Crushing	—	—	—	—	67.31	8.98
Diesel Generator	10.96	158.88	44.17	0.20	3.72	3.72
Total	10.96	158.88	44.17	0.20	71.03	12.70
<i>Phase 2 (December 2020 – November 2027)¹</i>						
Rock Crushing	—	—	—	—	50.48	6.73
Diesel Generator	7.31	105.92	29.44	0.13	2.48	2.48
Total	7.31	105.92	29.44	0.13	52.96	9.21

Source: Appendix D.

¹ All grading activities, blasting, and rock crushing operations are anticipated to be completed by the end of 2022 when major earthwork activity would be completed for both phases.

As previously discussed, all cut-and-fill quantities would be balanced within the boundaries of the project Site and the improvements to Deer Springs Road and Sarver Lane immediately off-site, and no soil export or import would be required. Fugitive dust from soil and excavated material truck loading were estimated using AP-42 emissions factors for drop operations. All grading activities, blasting, and rock crushing operations are anticipated to be completed by the end of 2022 when major earthwork activity would be completed for both phases; therefore, emissions generated after 2022 (2023 - 2027) would only result from general construction activities including building construction, utility work, paving, architectural coating, and landscaping. Additionally, due to the anticipated grading and earthwork schedule, it is anticipated that individual blasting or rock crushing activities during Phases 1 and 2 would occur sequentially and not overlap. See Appendix A and Appendix B for construction schedule and additional details.

Table 20, Estimated Daily Maximum Construction Emissions – Unmitigated, shows the estimated maximum daily construction emissions associated with construction of the proposed project prior to implementation of mitigation measures. The maximum daily emissions for each pollutant may occur during different phases of construction; however, maximum daily emissions reflect the worst-case day accounting for overlapping construction subphases. It was conservatively assumed that maximum daily construction activities from overlapping construction phases, such as that resulting from Site preparation, grading, and building construction during construction of Phases 1

Air Quality Technical Report for the Newland Sierra Project

and 2, could occur concurrently with blasting and rock-crushing activities. Although these activities may occur on the same day, activities would occur in various locations across the project Site, which would vary on a daily basis. Therefore, maximum daily emissions shown in Table 20 reflect a conservative, worst-case construction scenario.

Table 20
Estimated Daily Maximum Construction Emissions (pounds per day) – Unmitigated

Activity	VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
2018						
Construction Activities ¹	32.42	403.69	221.73	0.60	653.31	85.35
Blasting (Phase 1) ²	—	323.00	1,273.00	38.00	55.89	3.22
Rock Crushing (Phase 1) ²	10.96	158.88	44.17	0.20	71.03	12.70
Maximum Daily Emissions	43.38	885.57	1,538.90	44.20	780.23	101.27
2019						
Construction Activities ¹	36.91	432.82	260.54	0.70	571.89	71.94
Blasting (Phase 1) ²	—	323.00	1,273.00	38.00	55.89	3.22
Rock Crushing (Phase 1) ²	10.96	158.88	44.17	0.20	71.03	12.70
Maximum Daily Emissions	47.87	914.70	1,577.71	38.90	698.81	87.86
2020						
Construction Activities ¹	72.67	538.03	402.76	1.07	640.29	86.21
Blasting (Phase 1) ²	—	323.00	1,273.00	38.00	55.89	3.22
Rock Crushing (Phase 1) ²	10.96	158.88	44.17	0.20	71.03	12.70
Maximum Daily Emissions	83.63	1,019.91	1,719.93	39.27	767.21	102.13
2021						
Construction Activities ¹	64.16	415.47	360.35	0.91	115.94	30.52
Blasting (Phase 2) ²	—	297.50	1,172.50	35.00	55.53	3.20
Rock Crushing (Phase 2) ²	7.31	105.92	29.44	0.13	52.96	9.21
Maximum Daily Emissions	71.47	818.89	1,562.29	36.04	224.43	42.93
2022						
Construction Activities ¹	54.83	314.78	306.64	0.80	89.32	23.41
Blasting (Phase 2) ²	—	297.50	1,172.50	35.00	55.53	3.20
Rock Crushing (Phase 2) ²	7.31	105.92	29.44	0.13	52.96	9.21
Maximum Daily Emissions	62.14	718.2	1,508.58	35.93	197.81	35.82
2023						
Construction Activities ¹	40.83	163.24	213.77	0.51	26.31	12.00
2024						
Construction Activities ¹	37.80	138.44	188.40	0.46	23.07	10.13
2025						
Construction Activities ¹	44.86	100.94	141.61	0.32	11.52	5.80
2026						
Construction Activities ¹	44.76	87.56	131.53	0.29	11.52	5.55
2027						
Construction Activities ¹	44.66	87.38	130.65	0.28	11.52	5.55

Air Quality Technical Report for the Newland Sierra Project

Table 20
Estimated Daily Maximum Construction Emissions (pounds per day) – Unmitigated

Activity	VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Maximum Daily Emissions During Any Construction Year	83.63	1,019.91	1,719.93	38.90	780.23	102.13
Pollutant Threshold	75	250	550	250	100	55
Threshold Exceeded?	Yes	Yes	Yes	No	Yes	Yes

¹ CalEEMod Version 2016.3.1. Appendix B. Represents maximum daily construction activities from overlapping construction phases at any one point for a given year.

² Appendix D

As shown, daily construction emissions would exceed the thresholds for VOC, NO_x, CO, PM₁₀ and PM_{2.5}. Impacts for these pollutants would be **potentially significant**. Daily construction emissions would not exceed the threshold for SO_x.

4.2.1.3 Mitigation Measures

Mitigation Measures M-AQ-2 through M-AQ-4 are provided to reduce VOC, NO_x, CO, PM₁₀ and PM_{2.5} emissions to the extent feasible.

M-AQ-2 Prior to the County of San Diego's approval of any construction-related permits, the project applicant or its designee shall place the following requirements on all plans, which shall be implemented during each construction phase to minimize VOC, CO and NO_x emissions:

- Heavy-duty diesel-powered construction equipment shall be equipped with Tier 4 Final or better diesel engines, except where Tier 4 Final or better engines are not available for specific construction equipment. The County shall verify and approve all pieces within the construction fleet that would not meet Tier 4 Final standards;
- Minimize simultaneous operation of multiple construction equipment units. During construction, vehicles in loading and unloading queues shall not idle for more than 5 minutes and shall turn their engines off when not in use to reduce vehicle emissions;
- All construction equipment shall be properly tuned and maintained in accordance with manufacturer's specifications;
- The use of electrical or natural gas-powered construction equipment shall be employed where feasible, including forklifts and other comparable equipment types;

Air Quality Technical Report for the Newland Sierra Project

- e. Electrical hookups shall be provided on Site for the use of hand tools such as saws, drills, and compressors used for building construction to reduce the need for electric generators and other fuel-powered equipment;
- f. A Construction Traffic Control Plan shall be developed to ensure construction traffic and equipment use is minimized to the extent practicable. The Construction Traffic Control Plan shall include measures to reduce the amount of large pieces of equipment operating simultaneously during peak construction periods, scheduling of vendor and haul truck trips to occur during non-peak hours, establish dedicated construction parking areas to encourage carpooling and efficiently accommodate construction vehicles, identify alternative routes to reduce traffic congestion during peak activities and increase construction employee carpooling.

A conceptual construction traffic control has been provided in Section 16, of the Traffic Impact Analysis (Appendix R of the EIR), which includes specific construction traffic control measures. In addition to measures outlined in the TIA, the following measure shall be implemented to encourage employee carpooling:

The construction contractor shall implement a construction worker ridership program to encourage workers to carpool to and from the construction site to reduce single-occupancy vehicle trips. The construction manager will log all daily construction worker trips using the San Diego iCommute program (SANDAG 2015) (accessed at <http://www.icommute.com/>) or a comparable tracking method. The construction contractor shall notify all construction personnel of the program prior to the start of construction activities and shall notify construction personnel of the iCommute program RideMatcher feature, or similar communication method, to ensure personnel can identify available carpooling program participants. Trip data will be made readily available to County inspectors at the construction trailer on Site throughout the construction period.

- M-AQ-3** Prior to the County of San Diego's approval of any grading permits and during project construction, a Fugitive Dust Plan shall be prepared demonstrating compliance with SDAPCD Rule 55 and County Code Section 87.428 (Grading Ordinance), to the satisfaction of the County. The project applicant or its designee shall require implementation of the following fugitive dust measures to minimize PM₁₀ emissions as part of the Fugitive Dust Plan. All measures shall be designated on grading and improvement plans. Measure shall include but are not limited to:

Air Quality Technical Report for the Newland Sierra Project

- a. Prior to construction activities, the project applicant shall employ a construction relations officer who will address Community concerns regarding on-site construction activity. The applicant shall provide public notification in the form of a visible sign containing the contact information of the construction relations officer who will document complaints and concerns regarding on-site construction activity. The sign shall be placed in easily accessible locations along Deer Springs Road and noted on grading and improvement plans;
- b. Water, or utilize another SDAPCD-approved dust control non-toxic agent, on the grading areas at least four times daily to minimize fugitive dust;
- c. All permanent roads and roadway improvements shall be constructed and paved as early as possible in the construction process to reduce construction vehicle travel on unpaved roads. Building pads shall be finalized as soon as possible following Site preparation and grading activities to reduce fugitive dust from earth moving operations.
- d. Stabilize grading areas as quickly as possible to minimize fugitive dust;
- e. Apply chemical stabilizer, install a gravel pad, or pave the last 100 feet of internal travel path within the construction site prior to public road entry;
- f. Wheel washers shall be installed adjacent to the apron indicated in (c) for tire inspection and washing prior to vehicle entry on public roads;
- g. Remove any visible track-out into traveled public streets with the use of sweepers, water trucks or similar method within 30 minutes of occurrence;
- h. Provide sufficient perimeter erosion control to prevent washout of silty material onto public roads. Unpaved construction site egress points shall be graveled to prevent track-out;
- i. Wet wash the construction access point at the end of the workday if any vehicle travel on unpaved surfaces has occurred;
- j. Cover haul trucks or maintain at least two feet of freeboard to reduce blow-off during hauling;
- k. Suspend all soil disturbance and travel on unpaved surfaces if winds exceed 25 miles per hour;
- l. Cover on-site stockpiles of excavated material;
- m. Enforce a 15 mile per hour speed limit on unpaved surfaces;
- n. Pave permanent roads as quickly as possible to minimize dust;

Air Quality Technical Report for the Newland Sierra Project

- o. Haul truck staging areas shall be provided for loading and unloading of soil and materials and shall be located away from sensitive receptors at the furthest feasible distance;
- p. Construction Traffic Control Plans shall route delivery and haul trucks required during construction away from sensitive receptor locations and congested intersections to the extent feasible. Construction Traffic Control plans shall be finalized and approved prior to issuance of grading permits.

M-AQ-4 The following measure shall be included as part of the proposed project's Fugitive Dust Plan to reduce emissions associated with blasting and rock crushing activities:

- a. During blasting activities, the construction contractor shall implement all feasible engineering controls to control fugitive dust including exhaust ventilation, blasting cabinets and enclosures, vacuum blasters, drapes, water curtains or wet blasting. Watering methods, such as water sprays and water applications shall be implemented during blasting, rock crushing, cutting, chipping, sawing, or any activity that would release dust particles to reduce fugitive dust emissions.
- b. During rock crushing transfer and conveyance activities, material shall be watered prior to entering the crusher. Crushing activities shall not exceed an opacity limit of 20% (or Number 1 on the Ringelmann Chart) as averaged over a 3 minute period in any period of 60 consecutive minutes, in accordance with SDAPCD Rule 50, Visible Emissions. A qualified opacity observer shall monitor opacity from crushing activities once every 30 days while crushers are employed on Site to ensure compliance with SDAPCD Rule 50. Water sprayers, conveyor belt enclosures or other mechanisms shall be employed to reduce fugitive dust generated during transfer and conveyance of crush material.

Table 21 shows maximum daily emissions following implementation of mitigation measures M-AQ-1 through M-AQ-4. It should be noted that not all mitigation measures are quantifiable; therefore, Table 21 only reflects the emissions reductions attributable to the following mitigation elements: Site watering four times per day (M-AQ-3), reduction of vehicle speeds on unpaved roads to 15 miles per hour (M-AQ-3), and use of Tier 4 Final equipment (M-AQ-2).

Air Quality Technical Report for the Newland Sierra Project

Table 21
Estimated Daily Maximum Construction Emissions (pounds per day) – Mitigated

Activity	VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
2018						
Construction Activities ¹	9.58	82.42	269.30	0.60	385.31	43.03
Blasting (Phase 1) ²	—	323.00	1,273.00	38.00	55.89	3.22
Rock Crushing (Phase 1) ²	10.96	158.88	44.17	0.20	71.03	12.70
Maximum Daily Emissions	20.54	564.30	1,586.47	38.80	512.23	58.95
2019						
Construction Activities ¹	11.95	90.36	311.40	0.70	344.74	36.99
Blasting (Phase 1) ²	—	323.00	1,273.00	38.00	55.89	3.22
Rock Crushing (Phase 1) ²	10.96	158.88	44.17	0.20	71.03	12.70
Maximum Daily Emissions	22.91	572.24	1,628.57	38.90	471.66	52.91
2020						
Construction Activities ¹	37.79	108.24	466.24	1.07	389.54	44.33
Blasting (Phase 1) ²	—	323.00	1,273.00	38.00	55.89	3.22
Rock Crushing (Phase 1) ²	10.96	158.88	44.17	0.20	71.03	12.70
Maximum Daily Emissions	48.75	590.12	1,783.41	39.27	516.46	60.25
2021						
Construction Activities ¹	34.90	69.00	405.28	0.91	70.58	12.16
Blasting (Phase 2) ²	—	297.50	1,172.50	35.00	55.53	3.20
Rock Crushing (Phase 2) ²	7.31	105.92	29.44	0.13	52.96	9.21
Maximum Daily Emissions	42.21	472.42	1,607.22	36.04	179.07	24.57
2022						
Construction Activities ¹	32.48	56.84	356.45	0.80	55.96	10.07
Blasting (Phase 2) ²	—	297.50	1,172.50	35.00	55.53	3.20
Rock Crushing (Phase 2) ²	7.31	105.92	29.44	0.13	52.96	9.21
Maximum Daily Emissions	39.79	460.26	1,558.39	35.93	164.45	22.48
2023						
Construction Activities ¹	28.11	30.96	231.22	0.51	19.59	5.65
2024						
Construction Activities ¹	26.96	27.19	209.56	0.46	17.79	5.13
2025						
Construction Activities ¹	37.71	17.88	158.52	0.31	8.38	2.48
2026						
Construction Activities ¹	37.61	15.18	143.34	0.28	8.38	2.48
2027						
Construction Activities ¹	37.51	15.00	142.46	0.28	8.37	2.48
Maximum Daily Emissions During Any Construction Year	48.75	590.12	1,783.41	39.27	516.46	60.25
<i>Pollutant Threshold</i>	75	250	550	250	100	55
<i>Threshold Exceeded?</i>	No	Yes	Yes	No	Yes	Yes

¹ CalEEMod Version 2016.3.1. Appendix B. Represents maximum daily construction activities from overlapping construction phases at any one point for a given year.

Air Quality Technical Report for the Newland Sierra Project

² Appendix D

As shown, daily construction emissions would still exceed the thresholds for NO_x, CO, PM₁₀, and PM_{2.5} following implementation of mitigation measures M-AQ-2 through M-AQ-4. Daily emissions from VOC and SO_x would be below the thresholds. It should be noted that not all reductions that would result from implementation of mitigation provided in measures M-AQ-2 through M-AQ-4 are quantifiable; therefore, emissions shown in Table 21 are overestimated and emissions would be further reduced on a daily basis but not to a level below significance. Impacts would remain **significant and unavoidable**.

Moreover, upon completion of grading, blasting and rock crushing activities, daily emissions from the remainder of construction (years 2023-2027) would be below the thresholds.

4.2.1.4 Conclusions

The emissions associated with construction would be temporary, lasting approximately 10 years. As shown in Table 20, daily construction emissions would exceed the thresholds for VOC, NO_x, CO, and PM₁₀ and PM_{2.5} prior to mitigation. Daily construction emissions would not exceed the threshold for SO_x. As shown in Table 21, following implementation of M-AQ-2 through M-AQ-4, VOC emissions would be reduced to a level that is less than significant; however, NO_x, CO, and PM₁₀ and PM_{2.5} emissions would remain **significant and unavoidable**.

4.2.2 Operational Impacts

4.2.2.1 Guidelines for the Determination of Significance

Based on Appendix G of the CEQA Guidelines, and the County *Guidelines for Determining Significance – Air Quality*, the proposed project would have a significant impact if it would:

- Result in emissions that would violate any air quality standard or contribute substantially to an existing or projected air quality violation.

4.2.2.2 Significance of Impacts Prior to Mitigation

Following the completion of construction activities, the proposed project would generate VOC, NO_x, CO, SO_x, PM₁₀, and PM_{2.5} emissions from project land uses, as well as mobile and stationary sources including vehicular traffic from residents, space heating and cooling, water heating, and fireplace (hearth) use.

Table 22, Estimated Daily Maximum Operational Emissions, presents the maximum daily emissions associated with the operation of the proposed project after all phases of construction have been completed and the development is fully occupied in 2028. The values shown are the

Air Quality Technical Report for the Newland Sierra Project

maximum summer and winter daily emissions results from CalEEMod. It should be noted that project design features identified in Section 1.2.3, including general design standards, transit planning principles, and non-motorized transportation features, have not been accounted for in emission estimates shown in Table 22. Complete details of the emissions calculations are provided in Appendix B.

Table 22
Estimated Daily Maximum Operational Emissions (pounds per day)

	VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
<i>Summer</i>						
Area Source Emissions	80.29	33.90	189.56	0.21	3.55	3.55
Energy Emissions	1.36	11.61	4.98	0.07	0.94	0.94
Mobile Emissions	41.23	161.52	535.84	2.19	228.91	62.19
Total	122.88	207.03	730.38	2.47	233.40	66.68
<i>Winter</i>						
Area Source Emissions	80.29	33.90	189.56	0.21	3.55	3.55
Energy Emissions	1.36	11.61	4.98	0.07	0.94	0.94
Mobile Emissions	39.90	166.29	516.60	2.08	228.91	62.20
Total	121.55	211.81	711.15	2.36	233.40	66.69
Maximum Daily Emissions	122.88	211.81	730.38	2.47	233.40	66.69
<i>Pollutant Threshold</i>	75	250	550	250	100	55
<i>Threshold Exceeded?</i>	Yes	<i>No</i>	Yes	<i>No</i>	Yes	Yes

Source: CalEEMod Version 2016.3.1. See Appendix B for complete results.

As shown, daily operational emissions would not exceed the thresholds for NO_x and SO_x. Daily operational emissions would exceed the thresholds for VOCs, CO, PM₁₀, and PM_{2.5}, and impacts for these pollutants would be **potentially significant**.

Combined Construction and Operational Emissions

In addition to construction emissions associated with the Phase 1 and Phase 2 construction activities, residential units completed over the course of construction could become occupied while subsequent construction activities are on-going. In the event on-site units are occupied while construction activities continue in subsequent phases, operational emissions from completed development would occur simultaneously with on-site construction-related emissions. Phase 1 is anticipated to be completed in December 2024 and would include the following neighborhoods: Sierra Hillside, Sierra Mesa, Sierra Knolls (Lower Knolls only), Sierra Valley and Sierra Terraces. Operation of Phase 1 would include approximately 774 single-family homes, 790 townhome units, and 325 age-targeted residential units. Phase 2 would include operation of 101 single-family units; 145 single-family clusters; the Town Center, including 81,000 square feet of commercial retail space; and the school. To estimate combined

Air Quality Technical Report for the Newland Sierra Project

construction and operational emissions each year, phased development was evenly averaged over the buildout schedule for Phase 1 and Phase 2 and added to that year's construction emissions, beginning with the year 2021 when the first residential units could be occupied, as shown in Table 23.

Table 23
Estimated Daily Maximum Combined Construction and Operational Emissions (lbs/day)

Activity	VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
2021						
Phase 1 Construction w/blasting ¹	42.21	472.42	1,607.22	36.04	179.07	24.57
Phase 1 Construction w/o blasting ¹	42.21	174.92	434.72	1.04	123.54	21.37
Phase 1 Operations	13.57	22.80	76.48	0.22	16.76	4.97
Total with blasting	55.78	495.22	1,683.70	36.26	195.83	29.54
Total without blasting	55.78	197.72	511.20	1.26	140.30	26.34
2022						
Phase 1 Construction w/blasting ¹	39.79	460.26	1,558.39	35.93	164.45	22.48
Phase 1 Construction w/o blasting ¹	39.79	162.76	385.89	0.93	108.92	19.28
Phase 1 Operations	13.71	22.24	75.07	0.22	17.08	5.08
Total with blasting	53.50	482.50	1,633.46	36.15	181.53	27.56
Total without blasting	53.50	185.00	460.96	1.15	126.00	24.36
2023						
Phase 1 Construction ¹	28.11	30.96	231.22	0.51	19.59	5.65
Phase 1 Operations	17.23	24.77	91.45	0.28	22.38	6.59
Total	45.34	55.73	322.67	0.79	41.97	12.24
2024						
Phase 1 Construction ¹	26.96	27.19	209.56	0.46	17.79	5.13
Phase 1 Operations	17.97	25.29	92.10	0.29	23.72	6.97
Total	44.93	52.48	301.66	0.75	41.51	12.1
2025						
Phase 1 + Phase 2 Operations	16.09	22.79	82.73	0.26	21.96	6.45
Phase 2 Construction ¹	37.71	17.88	158.52	0.31	8.38	2.48
Total	53.8	40.67	241.25	0.57	30.34	8.93
2026						
Phase 1 + Phase 2 Operations	15.82	23.32	85.36	0.26	22.85	6.73
Phase 2 Construction ¹	37.61	15.18	143.34	0.28	8.38	2.48
Total	53.43	38.5	228.7	0.54	31.23	9.21
2027						
Phase 1 + Phase 2 Operations	13.64	20.31	74.38	0.23	20.31	5.98
Phase 2 Construction ¹	37.51	15.00	142.46	0.28	8.37	2.48
Total	51.15	35.31	216.84	0.51	28.68	8.46
Maximum Daily Emissions During Any Year with Blasting	55.78	495.22	1,683.70	36.26	195.83	29.54

Air Quality Technical Report for the Newland Sierra Project

Table 23
Estimated Daily Maximum Combined Construction and Operational Emissions (lbs/day)

Activity	VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Maximum Daily Emissions During Any Year w/o Blasting	55.78	197.72	511.20	1.26	140.30	26.34
<i>Pollutant Threshold</i>	75	250	550	250	100	55
<i>Threshold Exceeded with Blasting?</i>	No	Yes	Yes	No	Yes	No
<i>Threshold Exceeded w/o Blasting?</i>	No	No	No	No	Yes	No

Source: CalEEMod Version 2016.3.1. Appendix B.

¹ Represents maximum daily mitigated construction activities from overlapping construction phases at any one point for a given year.

As shown in Table 23, combined emissions construction and phased operational activities would exceed the thresholds for NO_x, CO and PM₁₀ with blasting and rock crushing activities. Combined construction and operational emissions without blasting and rock crushing activities would only exceed the threshold for PM₁₀. Proposed project emissions would be **potentially significant** for these pollutants under the combined construction and operational emissions scenario.

4.2.2.3 Mitigation Measures and Design Considerations

As part of the project's Transportation Demand Management (TDM) Program, as described in the traffic impact analysis (See EIR, Appendix R), the project would employ PDF-1 through PDF-20 to reduce the number of vehicle trips generated by the proposed project including alternative modes of transportation. The TDM program would facilitate increased opportunities for transit, bicycling, and pedestrian travel, as well as providing the resources, means, and incentives for ridesharing and carpooling opportunities.

PDF-1 Provide a mix of land uses, including residential, commercial, educational, and parks, so that residents of the project have access to basic shopping, school, and recreation opportunities without having to travel outside of the project Site. This would lower vehicle miles traveled because residents can use alternative transportation modes to reach the various land uses available within the Site.

PDF-2 Develop a comprehensive trail network designed to provide multi-use trails between the various project components, land uses, parks/open spaces, school, and the Town Center. The trails network would provide connections to the various recreational trails and multi-modal facilities accessing the project Site. Additionally, the loop road includes 5-foot-wide bike lanes on both sides of the roadway.

Air Quality Technical Report for the Newland Sierra Project

- PDF-3** Provide bicycle racks along main travel corridors, adjacent to commercial developments, at public parks and open spaces, and at retail and multi-family buildings within the project Site.
- PDF-4** Implement an electric bike-share program to further link the project neighborhoods to one another and to reduce motorized vehicle trips. The bike share program includes the placement of eight kiosks throughout the Community. Electric bikes can be taken from one kiosk and left at another to promote sustainable transportation between planning areas. It is anticipated that each kiosk will contain 10 to 20 electric bikes.
- PDF-5** Coordinate with a car-share organization to install three car-share stations with one car each (for a total of three cars) in the commercial area of the project Site, available to residents on an on-demand basis.
- PDF-6** Coordinate a ride share or shuttle system that connects the various project neighborhoods to the Town Center and to external transit facilities and resources such as the park-and-ride lots and the Escondido Transit Center.
- PDF-7** Coordinate with the San Diego Association of Governments (SANDAG) iCommute program for carpool, vanpool, and rideshare programs that are specific to the project's residents.
- PDF-8** Promote the adjacent park-and-ride lots at the northeast quadrant of the Deer Springs Road/Mesa Rock Road intersection and at the northwest quadrant of the Deer Springs Road/Old Highway 395 intersection to residents to encourage carpooling.
- PDF-9** Provide transit subsidies for residents.
- PDF-10** Promote available websites providing transportation options for residents.
- PDF-11** Create and distribute a "new resident" information packet addressing alternative modes of transportation.
- PDF-12** Promote a transportation option app for use on mobile devices.
- PDF-13** Coordinate with NCTD and SANDAG about future siting of transit stops/stations at the adjacent park-and-ride lots.
- PDF-14** Provide transit subsidies for employees of the project's Town Center.

Air Quality Technical Report for the Newland Sierra Project

- PDF-15** Promote available websites providing transportation options for businesses in the Town Center.
- PDF-16** Promote the adjacent park-and-ride lots to employees to support carpooling.
- PDF-17** Implement a demand-responsive shuttle service that provides access throughout the project Site, to the park-and-ride lots, and to the Escondido Transit Center.
- PDF-18** Coordinate with SANDAG's iCommute program for carpool, vanpool, and rideshare programs that are specific to the project's employees.
- PDF-19** Coordinate with NCTD and SANDAG on the future siting of transit stops/stations at the adjacent park-and-ride lots.
- PDF-20** To ensure that the TDM Program strategies are implemented and effective, a transportation coordinator (likely as part of a homeowner's association (HOA)) would be established to monitor the TDM Program, and would be responsible for developing, marketing, implementing, and evaluating the TDM Program.

In addition to the project's TDM Program which would include PDF-1 through PDF-20, PDF-21 through PDF32 related to project operations would be implemented:

- PDF-21** Landform alteration shall be minimized by clustering development and preserving natural topography, open spaces, and view corridors. Community open space areas shall be integrated into Site design and building layout.
- PDF-22** Solar panels shall be required on all residential units. Where feasible, roof-integrated solar panels should be considered to minimize visual impacts. All light fixtures along public roads shall be solar powered. The project can use centralized solar arrays (e.g., a solar array on top of a shade structure in a parking lot) to implement this requirement.
- PDF-23** The garages of all single-family homes shall include an electric vehicle charger in the garage, and electric vehicle charging stations shall be installed in 3 percent of the Town Center's commercial core parking spaces.
- PDF-24** All common area landscapes shall meet an evapotranspiration adjustment factor of 0.55 within residential neighborhoods and 0.45 within non-residential areas. An evapotranspiration adjustment factor of 1.0 is allowed for special landscape areas (i.e., recreational and community garden areas), as noted in County Ordinance Number 10032. All irrigation shall be designed to meet or exceed an

Air Quality Technical Report for the Newland Sierra Project

average irrigation efficiency rating of 0.75 for spray/rotor irrigation and 0.81 for drip irrigation.

- PDF-25** Turf grass shall be prohibited in residential front yards and within street rights-of-way. Turf in rear or side yards of single-family homes shall be warm-season turf or shall have a plant species factor of 0.6 or lower.
- PDF-26** All single-family homes shall be plumbed for greywater systems for use in private yards.
- PDF-27** The amount of stormwater run-off and pollutant discharge shall be minimized through the use of open vegetated swales along roadways and within neighborhoods; water quality and detention basins; permeable paving, where feasible; and other similar low-impact-development techniques.
- PDF-28** An area within the maintenance yard of the Sierra Farms Park shall be designated for collection of common area landscape trimmings. These landscape trimmings shall be chipped and ground into either mulch or compost and used to return organic matter and nutrients to the project's landscaped areas. The green waste collection area shall be designed to collect approximately 30 to 40 yards of material at a time (approximately three open stalls 10 feet wide by 10 feet long by 6 feet tall). A buffer of screening shrubs shall be planted between the collection area and the street. The green waste area shall be maintained by the HOA.
- PDF-29** Vineyards and community gardens shall be incorporated to connect the Community to the region's agrarian history and provide productive landscapes.
- PDF-30** Where feasible, commercial structures would use cool roof technologies and light-colored paving.
- PDF-31** Builders would offer residents their choice of energy-efficient appliances (including washer/dryers, refrigerators), and appliances (including dishwashers) installed by builders would be Energy Star rated or equivalent.
- PDF-32** The project would not install wood-burning fireplaces for heating purposes. All fireplaces would be natural-gas-fired.

In addition to project PDFs, mitigation measures M-AQ-5 through M-AQ-8 would be implemented to reduce impacts related to operational emissions:

- M-AQ-5** Educational material shall be provided to all residents, commercial tenants, and school employees regarding alternative modes of transportation internal and external to the Site, including information on the project-provided electric bike share program, shuttle services, bus routes, and other forms of alternative transportation. This information shall be made available in easily accessible areas

Air Quality Technical Report for the Newland Sierra Project

in all commercial business spaces, school administrative offices, and residential lease offices on Site. This shall include the distribution of a “new resident” information packet addressing alternative modes of transportation.

- M-AQ-6** Preferential parking shall be provided for electric-powered vehicles (EV), compressed natural gas (CNG) vehicles and carpool/vanpool rideshare programs.
- M-AQ-7** The project applicant/phase developer shall develop a Green Cleaning Product education program to be made available at rental offices, leasing spaces, and/or on websites. The education program is intended for households and institutional consumers and consists of: (1) provision of educational materials on low ROG/VOC consumer products; (2) educational materials addressing the use of detergents, cleaning compounds, polishes, floor finishes, cosmetics, personal care products, home, lawn and garden products, disinfectants, sanitizers, aerosol paints, automotive specialty products, low ROG/VOC paints and architectural coatings, and low emission landscape equipment; (3) educational materials on the importance of recycling and purchasing recycled material.
- M-AQ-8** To minimize idling time and combustion of vehicle fuels, the project applicant or its designee shall ensure that any nonresidential building that utilizes large-scale refrigerated storage (e.g., restaurant; grocery store) equips each loading dock with an electrical hook-up to power refrigerated trucks.

Emission reductions from PDF -1 through PDF-32 and M-AQ-5 through M-AQ-8 have not been accounted for in this analysis as these measures cannot be specifically quantified as to their reduction in criteria pollutant emissions.

4.2.2.4 Conclusions

As shown in Table 22, daily operational emissions would not exceed the thresholds for NO_x and SO_x. Daily operational emissions would exceed the thresholds for VOCs, CO, PM₁₀ and PM_{2.5}. The primary source of VOC emissions is use of consumer products, which are subject to CARB regulations and could not be reduced further. The primary source of CO, PM₁₀ and PM_{2.5} is vehicular travel (CO emissions from exhaust and PM emissions from fugitive dust generated by vehicles traveling on paved roads); and these emissions could not be mitigated further except to the extent that the project design features and recommended mitigation measures reduce VMT. Project design features and mitigation measures as described, including general design standards, transit planning principles, and non-motorized transportation features, would be implemented and would reduce operational emissions; however, significant reductions in VOC, CO, PM₁₀ and PM_{2.5} emissions would be required to reduce emissions of

Air Quality Technical Report for the Newland Sierra Project

these pollutants to levels that are less than significant and feasible mitigation measures are not available to achieve these reductions. Following implementation of project design features listed above and mitigation measures M-AQ-5 through M-AQ-8, proposed project operational emissions would remain **significant and unavoidable**.

Additionally, as shown in Table 23, combined emissions from construction and operational activities would exceed the thresholds for NO_x , CO and PM_{10} with blasting and rock crushing activities. Combined construction and operational emissions without blasting and rock crushing activities would exceed the thresholds for PM_{10} . Following implementation of mitigation measures M-AQ-2 through M-AQ-4, PDF-1 through PDF-32, and mitigation measures M-AQ-5 through M-AQ-8, proposed project construction and operational emissions would remain **significant and unavoidable** for NO_x , CO and PM_{10} with blasting and rock crushing activities. Combined construction and operational emissions would exceed the thresholds for PM_{10} without blasting and rock crushing activities.

4.3 Cumulatively Considerable Net Increase of Criteria Pollutants

In analyzing cumulative impacts from a proposed project, the analysis must specifically evaluate a project's contribution to the cumulative increase in pollutants for which the SDAB is listed as nonattainment for the state and federal ambient air quality standards. The proposed project would have a cumulatively considerable impact if project-generated emissions would exceed thresholds for PM_{10} , $\text{PM}_{2.5}$, NO_x , and/or VOCs. If the proposed project does not exceed thresholds and is determined to have less-than-significant project-specific impacts, it may still have a cumulatively considerable impact on air quality if the emissions from the project, in combination with the emissions from other proposed or reasonably foreseeable future projects, are in excess of established thresholds. However, the proposed project would be considered to have a cumulative impact only if the proposed project's contribution accounts for a significant proportion of the cumulative total emissions.

Background ambient air quality, as measured at the monitoring stations maintained and operated by SDAPCD, measures the concentrations of pollutants from existing sources; therefore, past and present project impacts are included in the background ambient air quality data.

Geographic Extent

The geographic extent for the analysis of cumulative impacts related to air quality includes the north-central corner of the SDAB (San Diego County). Due to the nonattainment status of the SDAB, the primary air pollutants of concern would be NO_x and VOCs, which are ozone precursors, and PM_{10} and $\text{PM}_{2.5}$. Project-related NO_x and VOCs are primarily emitted from motor vehicles and construction equipment, while PM_{10} and $\text{PM}_{2.5}$ are emitted primarily as

Air Quality Technical Report for the Newland Sierra Project

fugitive dust during construction. Because of the nature of ozone as a regional air pollutant, emissions from the entire geographic area for this cumulative impact analysis would tend to be important, although maximum ozone impacts generally occur downwind of the area in which the ozone precursors are released. PM₁₀ and PM_{2.5} impacts, on the other hand, would tend to occur locally; thus, projects occurring in the same general area and in the same time period would tend to create cumulative air quality impacts.

Existing Cumulative Conditions

Air quality management in the geographic area for the cumulative impact assessment is the responsibility of the SDAPCD. Existing levels of development in San Diego County have led to the nonattainment status for ozone with respect to the CAAQS and NAAQS, and for PM₁₀ and PM_{2.5} with respect to the CAAQS. The nonattainment status is based on ambient air quality monitoring generally conducted in the urban portions of the County. Due to its proximity to the Site and similar geographic and climactic characteristics, the Escondido – East Valley Parkway monitoring station monitors concentrations for criteria pollutants near the project Site. The air quality plans prepared by the SDAPCD reflect future growth under local development plans, but they are intended to reduce emissions countywide to levels that would comply with the NAAQS and CAAQS through implementation of new regulations at the local, state, and federal levels.

The separate guidelines of significance discussed below have been developed to respond to the following question from the CEQA Guidelines Appendix G:

- The project would result in a cumulatively considerable net increase of any criteria pollutant for which the SDAB is nonattainment under an applicable federal or state ambient air quality standard (including emissions that exceed the significance thresholds for O₃ precursors listed in Table 13).

4.3.1 Construction Impacts

4.3.1.1 Guidelines for the Determination of Significance

Cumulatively considerable net increases during the construction phase would typically occur if two or more projects near each other are simultaneously under construction. The following guidelines for determining significance must be used for determining the cumulatively considerable net increases during the construction phase:

- A project that has a significant direct impact on air quality with regard to emissions of PM₁₀, PM_{2.5}, NO_x, and/or VOCs would also have a significant cumulatively considerable net increase.

Air Quality Technical Report for the Newland Sierra Project

- In the event direct impacts from a proposed project are less than significant, a project may still have a cumulatively considerable impact on air quality if the emissions of concern from the proposed project, in combination with the emissions of concern from other proposed projects or reasonably foreseeable future projects within a proximity relevant to the pollutants of concern, are in excess of the guidelines identified in Table 13.

4.3.1.2 Significance of Impacts Prior to Mitigation

In analyzing cumulative impacts from the proposed project, the analysis must specifically evaluate a project's contribution to the cumulative increase in pollutants for which the SDAB is designated as nonattainment for the CAAQS and NAAQS. If the proposed project's emissions do not exceed thresholds and the project is determined to have less-than-significant project-specific impacts, it may still contribute to a significant cumulative impact on air quality if the emissions from the proposed project, in combination with the emissions from other proposed or reasonably foreseeable future projects, are in excess of established thresholds.

The SDAB has been designated as a federal nonattainment area for O₃ and a state nonattainment area for O₃, PM₁₀, and PM_{2.5}. PM₁₀ and PM_{2.5} emissions associated with construction generally result in near-field impacts. The nonattainment status is the result of cumulative emissions from all sources of these air pollutants and their precursors within the SDAB.

Construction of cumulative projects simultaneously with the proposed project would result in a temporary addition of pollutants to the local airshed caused by soil disturbance and hauling activities, fugitive dust emissions, and combustion pollutants from on-site construction equipment, as well as from off-site trucks hauling construction materials and worker vehicular trips. Fugitive dust (PM₁₀ and PM_{2.5}) emissions would primarily result from Site preparation activities. NO_x and CO emissions would primarily result from the use of construction equipment and motor vehicles, the latter of which would generally be dispersed over a large area where the vehicles are traveling.

As discussed previously, temporary emissions of NO_x, CO, and PM₁₀ and PM_{2.5} would exceed the significance thresholds during construction. The proposed project would be required to comply with SDAPCD Rule 55, which regulates construction activity capable of generating fugitive dust emissions, including active operations, open storage piles, and inactive disturbed areas, as well as trackout and carryout onto paved roads beyond a project Site. Additionally, construction would be short term and temporary in nature, lasting approximately 10 years. Once construction is completed, construction-related emissions would cease. However, it is possible that other land development and infrastructure projects could be constructed in the general vicinity and during the same time frame as the proposed project.

Air Quality Technical Report for the Newland Sierra Project

To reduce CO and NO_x emissions from construction activities, mitigation measure M-AQ-2 would be implemented. Following implementation of M-AQ-2, emissions would not be reduced to a level below the thresholds. As such, effects regarding NO_x and CO emissions during construction activities would be significant and unavoidable. M-AQ-3 and M-AQ-4 would be implemented to reduce fugitive dust emissions; however, following implementation of M-AQ-3 and M-AQ-4, fugitive dust emissions would remain above the threshold. PM₁₀ impacts would be significant and unavoidable during grading, blasting and rock crushing activities. Following completion of grading, blasting and rock crushing, fugitive dust emissions would be below the thresholds of significance.

Should other projects occur in the vicinity of the proposed project, significant effects related to NO_x, CO, PM₁₀ and PM_{2.5} emissions would be further intensified due to multiple sites with potential earthmoving activities associated with Site preparation and grading (resulting in increased PM₁₀ emissions), and exhaust emissions from construction equipment, worker vehicles (resulting in increased NO_x and CO emissions) and truck trips associated with material deliveries and on-site hauling activities. Significant off-site VOC emissions would likely result during project construction when combined with other reasonable foreseeable future projects, primarily due to overlapping application of architectural coatings during construction. Due to the likelihood of a large number of off-site worker vehicle and truck trips required during construction of combined future projects in the cumulative study area, no feasible mitigation would be available to reduce cumulative effects for these criteria pollutants. Therefore, the proposed project's temporary cumulative construction effects relative to VOC, NO_x, CO, PM₁₀ and PM_{2.5} emissions would be **significant and unavoidable** following project-specific mitigation when considered in combination with reasonably foreseeable future projects under the cumulative scenario.

4.3.1.3 Mitigation Measures and Design Considerations

Mitigation measures M-AQ-2 through M-AQ-4, PDF-1 through PDF-32, and mitigation measures M-AQ-5 through M-AQ-8 are provided which would reduce impacts to criteria pollutant emissions.

4.3.1.4 Conclusions

The emissions associated with construction would be temporary, lasting approximately 10 years. As shown in Table 20, unmitigated daily construction emissions would exceed the thresholds for VOC, NO_x, CO, and PM₁₀ and PM_{2.5}. Daily construction emissions would not exceed the threshold for SO_x. As shown in Table 21, emissions would still exceed the thresholds for NO_x, CO, PM₁₀, and PM_{2.5} following implementation of mitigation measures M-AQ-2 through M-AQ-4. Additionally, as shown in Table 23, combined Phase 1 operational and Phase 2 construction emissions would exceed the thresholds for NO_x, CO and PM₁₀ with blasting and rock crushing

Air Quality Technical Report for the Newland Sierra Project

activities. Combined construction and operational emissions would only exceed the thresholds for PM₁₀ without blasting and rock crushing activities. Moreover, because other cumulative projects would have the potential to be constructed in the project vicinity, cumulative construction emissions could further exacerbate emissions shown in Tables 20, Tables 21 and 23. Following implementation of M-AQ-2 through M-AQ-4, cumulative construction emissions would remain **significant and unavoidable**.

4.3.2 Operational Impacts

4.3.2.1 Guidelines for the Determination of Significance

The guidelines for the consideration of operational cumulatively considerable net increases are treated differently due to the mobile nature of the emissions. The SDAB's RAQS, based on growth projections derived from the allowed general plan densities, is typically updated every 3 years by SDAPCD and lays out the programs for attaining the CAAQS for O₃ precursors. It is assumed that if a project that conforms to the County General Plan and does not have emissions exceeding the screening-level thresholds, it will not create a cumulatively considerable net increase for O₃ since the emissions of O₃ precursors were accounted for in the RAQS.

The following guidelines for determining significance must be used for determining the cumulatively considerable net increases during the operational phase:

- A project that does not conform to the RAQS and/or has a significant direct impact on air quality with regard to operational emissions of PM₁₀, PM_{2.5}, NO_x, and/or VOCs would also have a significant cumulatively considerable net increase.
- Projects that cause road intersections to operate at or below a level of service E (analysis only required when the addition of peak-hour trips from the proposed project and the surrounding projects exceeds 2,000) and create a CO hotspot create a cumulatively considerable net increase of CO (see Section 4.4.2).

4.3.2.2 Significance of Impacts Prior to Mitigation

With regard to cumulative impacts associated with O₃ precursors, in general, if a project is consistent with the community and general plans, it has been accounted for in the O₃ attainment demonstration contained within the RAQS. As such, it would not cause a cumulatively significant impact on the ambient air quality for O₃.

The proposed project would include a General Plan Amendment that would allow a greater intensity of clustered development beyond current planned land uses. The Site lies within the Bonsall Community Plan and North County Metropolitan Subregional Plan areas. The General

Air Quality Technical Report for the Newland Sierra Project

Plan Land Use Element Regional Category for the proposed project is Rural Lands in Bonsall and Village, Semi-Rural and Rural Lands in Twin Oaks Valley. The General Plan Amendment proposes to amend the Regional Category Map to change the Regional Category Designation from Rural to Semi-Rural for a portion of the proposed project and from Semi-Rural to Rural for a portion of the project in the North County Metropolitan Subregional Plan area. The boundary of the Village area would not be modified and the Village acreage would remain unchanged. No changes in Regional Category are proposed for Bonsall.

The existing Community Plan Land Use Designations include General Commercial, Office-Professional, Semi-Rural 10 and Rural Lands 20. The proposed Community Plan Land Use Designations are Village Core Mixed Use (C-5), Semi-Rural Residential (SR-1 and SR-10), and Open Space (Conservation).

The existing zoning on the project Site General Commercial (C36), Office Professional (C30), Rural Residential (RR), Limited Agriculture (A70), Extractive (S82), and General Rural (S92). The proposed zoning would include General Commercial/Residential (C34), Single-Family Residential (RS), Limited Agriculture (A70), and Open Space (OS).

The County of San Diego's adopted General Plan emphasizes sustainable community design principles within its Goals and Policies. By locating the proposed project near existing and planned infrastructure, services, and jobs in a compact pattern of development, while at the same time promoting health and sustainability among its residents, the project has been designed around the guiding principles of the General Plan. Consistent with the County's Community Development Model, the most dense neighborhood on the Site, the Sierra Village, consists of a range of commercial uses that are supported by a dense network of local roads containing bicycle lanes and walkways linking the neighborhoods with parks, a proposed school, and public areas. Spanning out from the Sierra Village, the proposed project's Semi-Rural areas would contain low-density residential neighborhoods. Farther out, the neighborhoods would be surrounded by Rural Lands characterized by open space, habitat conservation, recreation, and other uses associated with rural areas.

Although the project would include sustainability features to reduce single-passenger vehicular trips and VMT, including features and measures described previously, the project would result in a more intense land use and would generate greater operational trips than those land uses currently allowed under the existing General Plan. As the proposed project would contribute to local population and employment growth and associated VMT that is not anticipated for the project Site by the General Plan, the proposed project is not considered accounted for in the RAQS, and the proposed project would result in cumulatively considerable impacts. Additionally, as shown in Table 23, the proposed project would exceed operational criteria pollutant emission thresholds resulting direct impacts to PM₁₀ without

blasting; therefore, combined with potential future projects, operational cumulative emissions would be considered potentially significant. Implementation of PDF-1 through PDF-32 and mitigation measures M-AQ-5 through M-AQ-8 would reduce emissions resulting from cumulative impacts; however, cumulative operational impacts would remain **potentially significant**.

4.3.2.3 Mitigation Measures and Design Considerations

PDF-1 through PDF-32 would be implemented to reduce operational emissions. Measures include which include general design standards, transit planning principles, and non-motorized transportation features. Additionally, mitigation measures M-AQ-5 through M-AQ-8 would be implemented to further reduce operational emissions.

4.3.2.4 Conclusions

PDF-1 through PDF-32 would be implemented to reduce operational emissions. Measures include which include general design standards, transit planning principles, and non-motorized transportation features. Additionally, mitigation measures M-AQ-5 through M-AQ-8 would be implemented to further reduce operational emissions; however, significant reductions in VOC, CO, and PM₁₀ and PM_{2.5} emissions would be required to reduce emissions of these pollutants to less than significant and feasible mitigation measures are not available to achieve these reductions. When considered with other potential cumulative projects in the proposed project vicinity, cumulative operational emissions would be considered **significant and unavoidable**.

Additionally, although coordination with SANDAG and the SDAPCD would be initiated, the proposed project would not be in conformance with the RAQS and SIP until population growth and associated trip generation is incorporated into the next update to the RAQS. It is unknown at this time when this update would occur, as the update is not within the control of the County of San Diego or the project applicant; therefore, impacts would remain **significant and unavoidable** following implementation of mitigation measure M-AQ-1.

4.4 Impacts to Sensitive Receptors

Air quality varies as a direct function of the amount of pollutants emitted into the atmosphere, the size and topography of the air basin, and the prevailing meteorological conditions. Air quality problems arise when the rate of pollutant emissions exceeds the rate of dispersion. Reduced visibility, eye irritation, and adverse health impacts upon sensitive receptors are the most serious hazards of existing air quality conditions in the area. Some land uses are considered more sensitive to changes in air quality than others, depending on the population groups and the activities involved. Air quality regulators typically define sensitive receptors as schools

Air Quality Technical Report for the Newland Sierra Project

(preschool–12th grade), hospitals, resident care facilities, daycare centers, or other facilities that may house individuals with health conditions that would be adversely impacted by changes in air quality. However, for the purposes of CEQA analysis in the County, the definition of a sensitive receptor also includes residents. The closest receptors to the proposed project include large-lot, single-family development to the north, west and south. South of the project Site is a mobile home park, the Golden Door Luxury Resort and Spa, and estate development along the border of the City of San Marcos and the unincorporated portion of the County of San Diego.

The two primary emissions of concern regarding health effects for land development projects are diesel exhaust particulate matter (DPM) during construction and CO hotspots related to traffic congestion; however, emissions of other criteria air pollutants also result in health effects. Table 24 presents a list of the criteria pollutants and other related pollutants of concern, emission sources, associated health effects, and current SDAB attainment status.

Table 24
Pollutants, Sources, Health Effects, and Attainment Status

Pollutant	Sources	Health Effects	Attainment Status	
			NAAQS	CAAQS
Ozone (O ₃)	Formed when VOCs and NO _x react in the presence of sunlight. VOC sources include any source that burns fuels (e.g., gasoline, natural gas, wood, and oil), solvents, coatings, consumer products, and petroleum processing and storage.	Breathing difficulties, lung tissue damage, and vegetation damage.	Attainment	Nonattainment
Respirable Particulate Matter (PM ₁₀)	Road dust, windblown dust, agriculture and construction, fireplaces. Also formed from other pollutants (NO _x , SO _x , organics). Incomplete combustion.	Increased respiratory disease, lung damage, cancer, premature death.	Unclassifiable/ Attainment	Nonattainment
Fine Particulate Matter (PM _{2.5})	Fuel combustion in motor vehicles, equipment, and industrial sources; residential and agricultural burning. Also formed from reaction of other pollutants (NO _x , SO _x , VOCs, and ammonia (NH ₃)).	Increases respiratory disease, lung damage, cancer, and premature death,. Particles can aggravate heart diseases such as congestive heart failure and coronary artery disease.	Unclassifiable/ Attainment	Nonattainment
Carbon Monoxide (CO)	Any source that burns fuel such as automobiles, trucks, heavy construction and farming equipment, residential and industrial heating.	Chest pain in heart patients, headaches, reduced mental alertness.	Attainment	Attainment
Nitrogen Dioxide (NO ₂)	See carbon monoxide.	Lung irritation and damage. Reacts in the atmosphere to form ozone and acid rain.	Unclassifiable/ Attainment	Attainment
Lead	Metal smelters, resource recovery, leaded gasoline, deterioration of lead paint.	Learning disabilities, brain and kidney damage.	Attainment	Attainment

Air Quality Technical Report for the Newland Sierra Project

Table 24
Pollutants, Sources, Health Effects, and Attainment Status

Pollutant	Sources	Health Effects	Attainment Status	
			NAAQS	CAAQS
Sulfur Dioxide (SO ₂)	Coal or oil burning power plants and industries, refineries, diesel engines.	Increases lung disease and breathing problems for asthmatics. Reacts in the atmosphere to form acid rain.	Attainment	Attainment
Sulfates	Produced by reaction in the air of SO ₂ , (see SO ₂ sources), a component of acid rain.	Breathing difficulties, aggravates asthma.	(no federal standard)	Attainment
Hydrogen Sulfide	Geothermal power plants, petroleum production and refining, sewer gas.	Headache and breathing difficulties (higher concentrations).	(no federal standard)	Unclassified
Vinyl Chloride	Exhaust gases from factories that manufacture or process vinyl chloride (construction, packaging, and transportation industries)	Central nervous system effects (e.g., dizziness, drowsiness, headaches), kidney irritation, liver damage, liver cancer.	n/a	n/a
Toxic Air Contaminant (TAC)	Combustion engines (stationary and mobile), diesel combustion, storage and use of TAC-containing substances (e.g., gasoline, lead smelting)	Depends on TAC, but may include cancer, mutagenic and/or teratogenic effects, and other acute or chronic health effects.	n/a	n/a

Source: County of San Diego 2007

4.4.1 Construction Impacts

4.4.1.1 Guidelines for the Determination of Significance

A significant impact would result if:

- The project would result in CO emissions that when totaled with the ambient concentrations will exceed a 1-hour concentration of 20 ppm or an 8-hour average of 9 ppm. Projects that cause road intersections to operate at or below a level of service E and the addition of peak-hour trips from the proposed project and the surrounding projects exceeds 3,000 have the potential to create CO concentrations exceeding the CAAQS.
- Project implementation would result in exposure to TACs resulting in a:
 - Maximum incremental cancer risk greater than 10 in one million, or
 - A cancer burden equal to or greater than 1.0, or
 - Total acute non-cancer health hazard index equal to or greater than 1, or
 - Total chronic non-cancer health hazard index equal to or greater than 1.0.

4.4.1.2 Significance of Impacts Prior to Mitigation

4.4.1.2.1 Carbon Monoxide (CO) Hotspots

Mobile-source impacts occur basically on two scales of motion. Regionally, project-related travel would add to regional trip generation and increase the VMT within the local airshed and the SDAB. Locally, project traffic would be added to the county roadway system in the vicinity of the proposed project. If such traffic occurs during periods of poor atmospheric ventilation, is composed of a large number of vehicles “cold-started” and operating at pollution-inefficient speeds, and is operating on roadways already crowded with non-project traffic, a potential for the formation of microscale CO “hotspots” occurs in the area immediately around points of congested traffic. Because of continued improvement in vehicular emissions at a rate faster than the rate of vehicle growth and/or congestion, the potential for CO hotspots in the SDAB is steadily decreasing.

Carbon monoxide transport is extremely limited and disperses rapidly with distance from the source. Under certain extreme meteorological conditions, however, CO concentrations near a congested roadway or intersection may reach unhealthy levels, affecting sensitive receptors such as residents, school children, hospital patients, and the elderly. Typically, high CO concentrations are associated with roadways or intersections operating at an unacceptable level of service (LOS). Projects contributing to adverse traffic impacts may result in the formation of CO hotspots. Per County of San Diego guidelines, a CO hotspot analysis is only required to be conducted for the operational scenario per Section 3.2 of the guidelines (County of San Diego 2007). As indicated in the County of San Diego *Guidelines for Determining Significance and Report Format and Content Requirements Air Quality* (County of San Diego 2007), a Site-specific CO hotspot analysis for project operations should be performed if a proposed development would cause road intersections to operate at or below a LOS E with intersection peak-hour trips exceeding 3,000. Although a CO hotspot analysis is not required for construction activities, the following analysis is provided for disclosure purposes.

Due to the phased nature of construction activities, it was assumed that no intersections in the vicinity of the project Site would exceed a peak-hour volume of 3,000 vehicles. Trip generation and distribution for workers and delivery trucks would ultimately vary depending on the phase of construction; however, based on daily construction worker, vendor trip and haul truck estimates, maximum daily trips resulting from construction activities would be approximately 1,580 trips per day for Phase 1, and 708 trips per day for Phase 2 (See EIR, Appendix R) which would be well below the screening threshold of a *peak-hour* volume of 3,000 vehicles. Construction trips would occur throughout the day and would not all occur during the peak hour. No haul trucks associated with import or export of soil during grading would occur because all cut and fill activities would be balanced on Site.

Air Quality Technical Report for the Newland Sierra Project

A construction traffic impact analysis for the proposed project was prepared as part of the project traffic impact study. Because a construction traffic impact analysis was not prepared and was not warranted, the existing delay and LOS at unsignalized intersections that would be encountered by construction traffic is not known. However, the project area is primarily semi-rural, the population is low, and local roads are typically traversed by local residents. Regional travel through the area is provided by I-15. Additionally, as stated in the proposed project traffic impact analysis, all intersections within the proposed project study area are currently operating at LOS D or better, except for the intersections

- Robelini Dr and South Santa Fe Ave (AM; LOS E),
- Buena Creek Road and South Santa Fe Ave (AM; LOS F and PM; LOS E),
- Buena Creek Road and Monte Vista Road (PM; LOS F).

Per the traffic impact study, of these locations, the intersection of Buena Creek Road and Monte Vista Road has the highest volumes and would have a maximum volume of 1,884 during the *Existing + Project + Cumulative Projects* scenario, which includes existing volumes, full project buildout volumes, and cumulative project volumes (See EIR, Appendix R). Therefore, even at full buildout plus cumulative traffic, the addition of 812 maximum daily trips would not exceed 3,000 trips at this intersection.

Additionally, as described in the project traffic impact analysis (See EIR, Appendix R), a Construction Traffic Control Plan will be implemented to ensure maximum efficiency and flow is maintained on local roadways, which would further reduce congestion at local intersections. The proposed project's traffic control plan would require scheduling of construction-generated trips to occur during off-peak hours.

For these reasons, construction-related traffic is not expected to impact local intersections and cause an exceedance of the CO CAAQS. Impacts would be **less than significant**.

4.4.1.2.2 Toxic Air Contaminants – Diesel Particulate Matter

Project construction would result in emissions of DPM from heavy-duty construction equipment, engine-generators, and trucks operating on the project Site. As previously discussed, DPM is characterized as a TAC by CARB. The OEHHA has identified carcinogenic and chronic noncarcinogenic effects from long-term (chronic) exposure, but it has not identified health effects due to short-term (acute) exposure to DPM. Sensitive receptors in the project vicinity consist of scattered residences located at various locations near the project Site. The nearest sensitive receptors to the project Site are residences located approximately 100 feet (30 meters) from the southern section of the project Site. In addition to off-site receptors, on-site receptors that may occur following the completion of residential units in Phase 1 were

Air Quality Technical Report for the Newland Sierra Project

analyzed. To analyze impacts to on-site receptors, a receptor grid was placed surrounding the 10-acre construction activity area as described in Section 3.1.4 to determine the maximally exposed individual. The maximum concentration, and thus, maximum impact, would occur approximately 33 feet (10 meters) from the construction volume sources.

DPM emissions reported in this analysis of impacts to on-site and off-site receptors is based on the use of Tier 4 Final equipment as required in mitigation measure M-AQ-2. Additionally, other T-BACT and CARB regulations would be applicable to the proposed project including Idling of Commercial Heavy Duty Truck (13 CCR Section 2485), In-Use Off-Road Diesel-Fueled Fleets (13 CCR Section 2449 et seq.), In-Use On-Road Diesel-Fueled Vehicles (13 CCR Section 2025) as described in Section 2.3.2, Regulatory Setting. Moreover, emission sources during construction would not remain in one location for an extended period of time, as equipment and trucks would continually move farther away from receptors as construction is completed in any one specific area. Furthermore, should also be noted that at the time the first on-site residential units are occupied, the majority of on-site construction emission exposure, if any, would primarily be generated from equipment associated with vertical (building) construction as opposed to extensive lateral grading activities. Vertical construction would likely take place within a smaller geographic space on Site. As a result, on-site impacts are likely overstated because the typical on-site receptor would not be located adjacent to construction activities and continually exposed to lateral construction activity over a 10-acre space for 7 years, as analyzed in this analysis.

DPM Concentrations

As described in Section 3.1.4, cancer risk calculations were performed using the HARP 2 RAST by inputting the predicted annual DPM concentrations from AERMOD for the nearest potential on-site residence, which would be the Maximally Exposed Individual Resident, as well as for the nearest off-site resident. Cancer risk parameters, such as age sensitivity factors, daily breathing rates, fraction of time at home, and cancer potency factors were based on the values and data recommended by OEHHA (2015) as implemented in HARP 2. In addition to the potential cancer risk, DPM has chronic (i.e., long-term) non-carcinogenic health impacts. The chronic non-carcinogenic inhalation hazard index for construction activities was also calculated using the HARP 2 RAST. The results of the AERMOD and HARP modeling are provided in Appendix E. The modeled maximum annual concentrations at the maximally exposed future on-site resident (located about 10 meters from the volume sources) and existing off-site resident (located about 30 meters from the volumes sources) are shown in Table 25, Summary of DPM Concentrations.

Air Quality Technical Report for the Newland Sierra Project

Table 25
Summary of DPM Concentrations

Receptor	Annual Average Concentration $\mu\text{g}/\text{m}^3$
On-Site Resident (10 meters) – MEIR	0.0015
Off-Site Resident (30 meters)	0.0005

Source: See Appendix E for complete results.

Cancer Risk

Table 26, Summary of Maximum Cancer Risks – Construction DPM Emissions, shows the maximum modeled annual DPM concentrations for the maximally exposed future on-site resident and existing off-site resident and the maximum associated cancer risk.

Table 26
Summary of Maximum Cancer Risks – Construction DPM Emissions

Receptor	DPM Annual Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
On-Site Resident (10 meters) – MEIR	0.0015	0.7 in 1 million
Off-Site Resident (30 meters)	0.0005	0.2 in 1 million

Source: See Appendix E for complete results.

The cancer risk at the Maximally Exposed Individual Resident on-site and off-site would not exceed the County significance threshold of 10 in 1 million for excess/incremental cancer risk. Impacts related to cancer risk during construction would be **less than significant**.

Chronic Hazard

Table 27, Summary of Maximum Chronic Hazard Indices – Construction DPM Emissions, shows the maximum modeled annual DPM concentrations for the maximally exposed future on-site resident and existing off-site resident and the associated risk.

Table 27
**Summary of Maximum Chronic Hazard Indices –
Construction DPM Emissions**

Receptor	DPM Annual Concentration ($\mu\text{g}/\text{m}^3$)	Chronic Hazard Index
On-Site Resident (10 meters) – MEIR	0.0015	0.0003
Off-Site Resident (30 meters)	0.0005	0.0001

Source: See Appendix E for complete results.

Air Quality Technical Report for the Newland Sierra Project

The chronic hazard indices at these receptors shown in Table 27 would not exceed the County significance threshold of 1.0 for non-carcinogenic health impacts; therefore, impacts would be **less than significant**.

Although on-site and off-site cancer risk and chronic hazard impacts would be less than significant, mitigation measure M-AQ-9 has been provided to reduce impacts related to construction activity near sensitive receptors.

4.4.1.2.3 Crystalline Silica

Respirable crystalline silica means crystalline silicon dioxide with an aerodynamic diameter less than four microns (0.0004 cm). Silica or quartz is ubiquitous in nature. Most silica is amorphous and is therefore not crystalline as these two terms are mutually exclusive. Most dust generated by construction dust sources including blasting is greater than 4 microns and therefore too large to be respirable. Respirable crystalline silica constitutes a de minimis fraction of dust from these sources and does not represent a significant health risk to sensitive receptors located near construction activities.

In order to result in toxic effects, silica needs to be crystalline, smaller than 4 microns, and inhaled.

Blasting Emissions

Blasting emissions were calculated to be approximately 56 pounds of PM₁₀ per blast and 3.2 pounds of PM_{2.5} per blast (see Appendix D). The PM₄ crystalline silica emissions are approximately 5% of the PM₁₀ emissions or 2.8 pounds per day (see Appendix F). Blasting is expected to occur at 2- to 3-day intervals. No more than one blast per day is anticipated to occur during blasting activities.

Dispersion and Concentration of Airborne Dust

Blasting would occur in the central portion of the project Site and along roads within the project Site. Air dispersion modeling for blasting was not undertaken because the Gaussian dispersion models (i.e., AERMOD) assume steady state conditions which are not appropriate for an event like blasting. Other models that could be used to evaluate a “puff” type source require input that is not feasible to obtain for the project.

The windrose was accounted for to determine the direction from which the wind is blowing. The size of each sector represents the frequency that wind blows from each direction. Wind in the project area is calm approximately 27% of time and 48% of time wind blows from the west or southwest. Approximately 46% of the time wind is between 1 and 4 knots and 24% of time wind

Air Quality Technical Report for the Newland Sierra Project

is between 4 and 7 knots. Wind exceeding 7 knots occurs less than 3% of the time. The average wind for the dataset is 2.59 knots (i.e., 3 mph) from the west-southwest (Appendix F).

Winds at 3 miles per hour (mph) are relatively light creating a stable atmosphere. Under such conditions the plume of dust from blasting would be expected to remain intact for a longer distance than if greater wind speeds were present. The larger particles of dust would fall out of the atmosphere relatively close to the source as compared to the distance under higher wind conditions. Smaller respirable particles are less influenced by wind and are considered to behave as a neutrally buoyant gas. Respirable particles will remain in the atmosphere for many miles downwind (Appendix F).

Although low wind conditions result in more cohesive plumes and greater ground level concentrations, other conditions would have the opposite effect resulting in increased dispersion of the plume and lower concentrations. Specifically, the terrain is rough which increases vertical mixing as wind travels along the terrain. In addition, the plume has a large initial volume which means that it is already somewhat dispersed both vertically and laterally due to the nature of the source.

The most influential aspect of the blasting on receptor concentrations is the short-lived nature of the emissions (i.e., the duration of exposure is brief). For example, a plume that is generated by a one-acre square area blasted would have an initial length and width of approximately 200 feet. At the average wind speed, the plume would pass through a point in space in approximately one minute; therefore, the amount of dust inhaled would be limited by the brief exposure and variability of blasting locations. Under these conditions, it would be unlikely repeat exposure would occur frequently and chronic effects due to blasting would not be significant.

Finally, concentrations of pollutants in air decrease rapidly with increasing distance from the source. Given the relatively large distances between blasting activities and receptors, compliance with worker safety standards would also ensure that concentrations off-site are not significant (Appendix F).

Measurement of Respirable Crystalline Silica

Respirable crystalline silica has been measured by air districts and others near hard rock quarries that produce construction aggregates. The subject Site is located in an area that is designated by the State to contain significant quantities of mineral resources. The primary bedrock unit on Site is Cretaceous-aged Granitic rock.

The Azusa Rock facility in South Coast Air Quality Management District (SCAQMD) is a hard rock mine which performs blasting to extract granitic rock. The SCAQMD performed monitoring of the particulate matter and respirable crystalline silica concentrations near Azusa

Air Quality Technical Report for the Newland Sierra Project

Rock. The SCAQMD concluded that “crystalline silica results show that for the duration of the study, no samples exceeded the non-cancer chronic reference exposure level of $3 \mu\text{g}/\text{m}^3$ as PM_{10} established by the State of California. The maximum 24-hour reported value for crystalline silica was $1.3 \mu\text{g}/\text{m}^3$, with an average of $0.5 \mu\text{g}/\text{m}^3$ ”. The concentrations measured include emissions from blasting and many other activities that occur at the facility (Appendix F).

Impacts to Sensitive Receptors

Dust that is deposited near sensitive receptors is unlikely to result in exposure to respirable crystalline silica because the vast majority of deposited material is too large to be respirable. Moreover, there are no existing processes taking place or future processes that would take place as part of the proposed project at nearby receptor locations that would reduce the size of particles deposited making them smaller, respirable particles. Additionally, the small amount of respirable dust that may be deposited, would need to be re-entrained into the air in order to be hazardous.

Long term exposure to ambient respirable crystalline silica concentrations greater than $3 \mu\text{g}/\text{m}^3$ causes silicosis and other adverse health effects. However, steady state air dispersion models that are normally used to evaluate project impacts are not well suited to predicting concentrations from blasting. Input data for other dispersion models that would produce meaningful results also are not feasible to obtain for the project.

The winds at the project Site are predominantly from the west-southwest; therefore, receptors located east of the project would be most affected by dust from blasting activities. It would take approximately 1 minute for a dust plume to pass by a receptor. The amount of dust inhaled would be limited by the brief exposure and the variability of blasting locations and would result in few repeat exposures that could produce a chronic effect from inhalation of blasting emissions.

Materials that would be blasted at the proposed project are granitic and similar to those blasted at hard rock quarries. SCAQMD-monitored respirable crystalline silica near the Azusa Rock Quarry and found that average concentrations were $0.5 \mu\text{g}/\text{m}^3$ or six times less than the REL. This concentration included emissions from blasting and other construction emission sources on Site. Accordingly, concentrations that nearby receptors would be exposed to would be considered acceptable (Appendix F).

In summary, deposited crystalline silica is not considered to be a source of significant health risk and impacts would be **less than significant**. Although impacts would be less than significant, mitigation measures M-AQ-9 and M-AQ-10 would be implemented to control fugitive dust emissions generated during blasting activities.

Air Quality Technical Report for the Newland Sierra Project

4.4.1.3 Mitigation Measures and Design Considerations

The following mitigation measure would be implemented to reduce impacts to sensitive receptors during construction.

M-AQ-9 Construction activities that would occur within 100 feet of an on-site or off-site residence shall be limited to 10 acres of disturbance per day.

M-AQ-10 During blasting activities, the construction contractor shall implement all feasible engineering controls to control fugitive dust including exhaust ventilation, blasting cabinets and enclosures, vacuum blasters, drapes, water curtains or wet blasting. Watering methods, such as water sprays and water applications shall be implemented during blasting, rock crushing, cutting, chipping, sawing, or any activity that would release dust particles to reduce fugitive dust emissions. Respirators and other personal protective equipment approved for protection against silica shall be issued to construction workers during blasting and rock crushing operations.

4.4.1.4 Conclusions

No impacts would result from the creation of CO hotspots during construction; therefore, impacts related to carbon monoxide near sensitive receptors would be **less than significant**.

Impacts related to cancer risk and chronic hazard from DPM would be below the County of San Diego thresholds during construction activities; therefore, impacts would be **less than significant**.

Impacts related to crystalline silica would be considered **less than significant**; however, mitigation measures M-AQ-9 and M-AQ-10 would be implemented to reduce the release of silica into the air during blasting activities.

4.4.2 Operational Impacts

4.4.2.1 Guidelines for the Determination of Significance

A significant impact would result if:

- The project places sensitive receptors near CO hotspots or creates CO hotspots near sensitive receptors.
- Project implementation would result in exposure to TACs resulting in:
 - A maximum incremental cancer risk equal to or greater than 10 in one million, or
 - Cancer burden equal to or greater than 1.0, or

Air Quality Technical Report for the Newland Sierra Project

- Total acute non-cancer health hazard index equal to or greater than 1.0, or
- Total chronic non-cancer health hazard index equal to or greater than 1.0.

Carbon Monoxide

Regarding the potential for CO hotspot impacts during operation, the project's traffic report evaluated eleven intersections in the project vicinity to assess potential impacts resulting from the proposed project. The results of the traffic analysis show that the following intersections are forecast to be LOS E or worse under existing plus project plus cumulative conditions:

- Deer Springs Rd. and I-15 NB Ramps
- Deer Springs Rd. and I-15 SB Ramps
- Deer Springs Rd. and Mesa Rock Road
- Deer Springs Rd. and Sarver Lane
- Deer Springs Rd. and Sycamore Road
- Deer Springs Rd. and Twin Oaks Valley Road
- Buena Creek Rd. and Twin Oaks Valley Road
- Buena Creek Rd. and South Santa Fe Avenue
- Buena Creek Rd. and Monte Vista Road
- Robelini Drive and South Santa Fe Avenue
- Twin Oaks Valley Road and San Marcos Boulevard

According to the CO Protocol, there is a cap on the number of intersections that need to be analyzed for any one project. For a single project with multiple intersections, only the three intersections representing the worst LOS ratings of the project, and, to the extent they are different intersections, the three intersections representing the highest traffic volumes need be analyzed. For each intersection failing a screening test as described in this protocol, an additional intersection should be analyzed (Caltrans 1997). Although only three intersections are required to be analyzed under the CO Protocol, additional intersections were modeled for disclosure purposes. The potential impact of the proposed project on local CO levels was assessed at these intersections using the Caltrans CL4 interface based on the California LINE Source Dispersion Model (CALINE4), which allows microscale CO concentrations to be estimated along each roadway corridor or near intersections.

The modeling analysis (see Appendix G) was performed for worst-case wind angle, in which the model selects the wind angles that produce the highest CO concentrations at each of the

Air Quality Technical Report for the Newland Sierra Project

receptors. The suburban land classification of 100 centimeters was used for the aerodynamic roughness coefficient, which determines the amount of local air turbulence that affects plume spreading. The at-grade option was used in the analysis; for at-grade sections, CALINE4 does not permit the plume to mix below ground level. The calculations assume a mixing height of 1,000 meters, a flat topographical condition between the source and the receptor (link height of 0 meters), and a meteorological condition of little to almost no wind (0.5 meters per second), consistent with EPA guidance. The hourly traffic volume anticipated to travel on each link, in units of vehicles per hour, was based on the proposed project's traffic report (See EIR, Appendix R).

The maximum 1-hour CO background concentration of 4.4 ppm, as measured in the Escondido – East Valley Parkway monitoring station 2012 concentrations⁴, was assumed in the analysis model. The model provides predicted concentrations in ppm at each of the receptor locations. To estimate an 8-hour average CO concentration, a persistence factor of 0.7, as is recommended for urban locations, was applied to the output values.

The results of the model are shown in Table 28, CALINE4 Predicted CO Concentrations. Model input and output data are contained in Appendix G.

Table 28
CALINE4 Predicted CO Concentrations

Intersection	Maximum Modeled Impact Year 2020 with Project + Cumulative	
	1 hour (ppm)	8 hour (ppm) ¹
Deer Springs Rd. and I-15 NB Ramps	5.6	3.9
Deer Springs Rd. and I-15 SB Ramps	5.5	3.9
Deer Springs Rd. and Mesa Rock Road	5.7	4.0
Deer Springs Rd. and Sarver Lane	5.4	3.8
Deer Springs Rd. and Twin Oaks Valley Road	5.4	3.8
Buena Creek Rd. and Twin Oaks Valley Road	5.4	3.8
Buena Creek Rd. and South Santa Fe Avenue	5.2	3.6
Buena Creek Rd. and Monte Vista Road	5.1	3.6
Maximum CO Impact	5.7	4.0
County of San Diego Thresholds	20	9.0
Threshold Exceeded?	No	No

Source: CALINE4 (Caltrans 2013). See Appendix G.

¹ 8-hour concentrations were obtained by multiplying the 1-hour concentration by a factor of 0.7.

As shown in Table 28, maximum CO concentrations predicted for the 1-hour averaging period would be 5.7 ppm, which is below the state 1-hour CO standard of 20 ppm. Maximum predicted 8-hour CO concentrations of 4.0 ppm would be below the state CO standard of 9.0 ppm. As

⁴ CARB 2014b.

Air Quality Technical Report for the Newland Sierra Project

neither the state 1-hour standard nor the 8-hour standard would be equaled or exceeded at any of the intersections studied, potential CO hotspot impacts would be **less than significant**.

Toxic Air Contaminants

Cancer Risk

A Health Risk Assessment was prepared for the proposed project based on the most current guidance from the Office of Environmental Health Hazard Assessment (OEHHA) (Appendix C). OEHHA recommends that an exposure duration (residency time) of 30 years be used to estimate individual cancer risk for the Maximally Exposed Individual Resident, starting in the third trimester to accommodate the increased susceptibility of exposures in early life (OEHHA 2015, Appendix B, Table 8.5). Exposure durations of 9 years and 70 years are also recommended to be evaluated for the Maximally Exposed Individual Resident to show the range of cancer risk based on residency periods.

As analyzed, the school site (analyzed under a 9-year exposure scenario) would be exposed to a maximum cancer risk of approximately 4.2 in 1 million, while project residents located closest to I-15, under a 30-year exposure scenario, would be exposed to a maximum cancer risk of 26.4 in 1 million. The 70-year and 9-year cancer risk on project residents was estimated to be 31.1 and 18.8 in 1 million, respectively. Only residents located in the north-east corner of the Town Center residential area would be exposed to potentially significant cancer risk impacts (greater than 10 in a million) (Appendix C). Estimated cancer risk on other residential units would be below the threshold of significance.

In summary, the cancer risk at the proposed project's school would not exceed the SDAPCD threshold of 10 in 1 million; however, the cancer risk in the north-east corner of the proposed project's Town Center residential area would exceed the SDAPCD significance thresholds and impacts would be **potentially significant**. Details regarding modeling methodology and health risk calculations are provided in the project's Health Risk Assessment (Appendix C).

Non-cancer Health Impacts

In addition to the potential cancer risk, TACs in vehicle exhaust and gasoline fuels have chronic (i.e., long-term) and acute (i.e., short-term) non-cancer health impacts. The chronic hazard indices were evaluated using the OEHHA, CARB and SCAQMD RELs (OEHHA 2015; CARB 2012; SCAQMD 2012). The REL is the concentration (inhalation) or daily dosage (non-inhalation) at or below which no adverse health effects are anticipated. As analyzed in the project's health risk assessment, the sensitive receptors (i.e., residents and schoolchildren) would be exposed to a maximum chronic hazard index of approximately 0.02 and acute hazard index of approximately 0.1, which are less than the SDAPCD threshold of 1.0 for chronic and acute non-

Air Quality Technical Report for the Newland Sierra Project

cancer health impacts. Impacts would be **less than significant**. Details about calculated non-cancer risk are provided in the project's health risk assessment (Appendix C).

4.4.2.2 *Significance of Impacts Prior to Mitigation*

Carbon Monoxide

As shown in Table 28, the maximum CO concentration predicted for the 1-hour averaging period would be 5.7 ppm, which is below the state 1-hour CO standard of 20 ppm. The maximum predicted 8-hour CO concentration of 4.0 ppm would be below the state CO standard of 9.0 ppm. As neither the state 1-hour standard nor the 8-hour standard would be equaled or exceeded at any of the intersections studied, potential CO hotspot impacts would be **less than significant**.

Toxic Air Contaminants

Cancer Risk

The cancer risk on the project Site would not exceed the SDAPCD threshold of 10 in 1 million for cancer risk associated with the school; however, it would exceed the SDAPCD significance thresholds for residents located in the north-east corner of the Town Center residential area. Impacts would be **potentially significant**.

Non-cancer Health Impacts

The sensitive receptors (i.e., residents and schoolchildren) would be exposed to a maximum chronic hazard index of approximately 0.02 and acute hazard index of approximately 0.1, which are less than the SDAPCD threshold of 1.0 for chronic and acute non-cancer health impacts. Impacts would be **less than significant**.

4.4.2.3 *Mitigation Measures and Design Considerations*

Consistent with SDAPCD guidance, mitigation measures were evaluated to identify ways to ensure that residents of the proposed project would not be exposed to health risks that exceed SDAPCD's significance thresholds and to ensure that impacts related to Community risk and hazards from placement of sensitive receptors proximate to major sources of air pollution would be less than significant.

The American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) reported that the Minimum Efficiency Reporting Value (MERV) 13 filters remove 90% of particles ranging from 1 to 3 microns, and less than 75% for particles ranging from 0.3 to 1 microns (ASHRAE 2007). ASHRAE reported that MERV 16 filters remove 95% of particles

Air Quality Technical Report for the Newland Sierra Project

ranging from 0.3 to 1 microns and larger. In a study conducted by Fisk et al. on the performance and costs of particulate air filtration technologies, it was shown that if the ventilation systems are operated with one air exchange per hour of outside air and four air exchanges per hour of recirculated air: (i) MERV 13 (ASHRAE Dust Spot 85%) filters provide an 80% or greater reduction of outdoor fine particulate matter (such as diesel particulate matter); and (ii) MERV 16 (ASHRAE Dust Spot 95%) filters provide a 95% or greater reduction of outdoor fine particulate matter (Fisk et al. 2002). For this analysis, Dudek assumed a 95% particulate matter reduction for the air filters because substantial evidence supports that MERV 16 filters can provide a 95% or greater reduction of outdoor particulate matter (PM₁₀).

Studies have shown that vegetative landscaping can reduce particulate emissions by up to 65% to 85% at lower wind speeds, with greater removal rates expected for ultra-fine particles <0.1 µm in diameter. The effectiveness of PM removal via tree plantings depends on characteristics of the species chosen (e.g., foliage surface, canopy structure, and life span) and varies by particulate size (Fujii et al. 2008; Miller et al. 2009; SMAQMD 2011). Mitigation measure M-HR-5 has been provided to further reduce impacts related to particulates; however, emission reductions from installation of tiered vegetative landscaping as described in M-HR-5 was not quantified for the purposes of impact determination because M-HR-1 through M-HR-4 mitigate impacts to particulate exposure to a level that is less than significant.

The following mitigation measures would reduce the significant impacts associated with cancer risk levels below the SDAPCD thresholds:

- M-HR-1** The applicant or its successor shall install high-efficiency return air filters on all heating, ventilation, and air conditioning (HVAC) system serving any residential unit located in the northeastern portion of the Town Center that is identified as having a risk factor of 10 in 1 million or higher as identified in Figure 5. The air filtration system shall reduce at least 95% of particulate matter emissions, such as can be achieved with a Minimum Efficiency Reporting Value 16 (MERV 16) air filtration system installed on return vents in residential units. The Homeowners Association (HOA) property management for these multi-family residential receptors shall maintain the air filtration system on any HVAC system installed for the specified residential units in accordance with the manufacturer's recommendations for the life of the project.
- M-HR-2** The applicant or its successor shall locate air intake vents on the residential buildings such that they do not face Interstate (I) 15 and are as far from I-15 as practicable.
- M-HR-3** A County-approved, ASHRAE-certified specialist shall verify the implementation of the installation of high-efficiency air filtration systems on return vents to reduce

Air Quality Technical Report for the Newland Sierra Project

ambient particulate matter concentrations prior to occupancy of residential units located in the impacted area of the Town Center as shown in Figure 5.

M-HR-4 The applicant or its successor shall require the following measures be implemented into the final design of the multi-family residential units located in the northeastern portion of the Town Center that is identified as having a risk factor of 10 in 1 million or higher as identified in Figure 5:

- Openable doors and windows shall be located on building faces that do not face the freeway. All windows facing Interstate 15 shall be fixed in place and not openable.
- No playgrounds, benches, or other passive or active activity areas shall be located in the risk-impacted northeastern corner of the Town Center, in order to limit outdoor activities and exposure.

M-HR-5 As part of landscape design and vegetation palette for the project, installation of tiered vegetative landscaping is encouraged, including the installation of evergreen trees, between Interstate 5 and Town Center residential units. Any vegetation selected shall be compatible with the proposed project Fire Protection Plan. The tiered vegetation shall be maintained as part of the residential Community landscaping areas where feasible.

Implementing Mitigation Measures M-HR-1, M-HR-2, M-HR-3, M-HR-4, and M-HR-5 would reduce the maximum cancer risks at the residential point of maximum impact to 9.1 in 1 million, which is below the threshold of significance.

Additionally, although traffic volumes are forecast to increase with time due to growth, vehicular emission factors are expected to decrease with time due to California's statewide regulation to increase fuel efficiency (Assembly Bill (AB) 1493, the Pavley I standard) and other state and federal regulations aimed at emissions reduction.

4.4.2.4 Conclusions

Carbon Monoxide

Neither the state 1-hour standard nor the 8-hour standard would be equaled or exceeded at any of the intersections studied and potential CO hotspot impacts would be **less than significant**. No mitigation is required.

Air Quality Technical Report for the Newland Sierra Project

Toxic Air Contaminants

Students attending the school on Site would be exposed to a maximum cancer risk of approximately 4.2 in 1 million. Project residents located in the north-east corner of the Town Center residential area would be exposed to a maximum cancer risk of approximately 9.1 in 1 million upon implementation of mitigation measures M-HR-1, M-HR-2, M-HR-3, M-HR-4, and M-HR-5 (Beneficial reductions in health risk impacts from the installation of tiered vegetative landscaping, as described in M-HR-5, were not quantified because implementation of M-HR-1 through M-HR-4 mitigates health risk impacts to a level that is less than significant). The cancer risks on the project Site would not exceed the SDAPCD threshold of 10 in 1 million for cancer impacts after mitigation.

The project residents would be exposed to a maximum chronic index of approximately 0.02. The project residents would be exposed to a maximum acute hazard index of approximately 0.1. Therefore, the resulting maximum chronic and acute hazard indices are less than the SDAPCD threshold of 1.0 for chronic and acute noncancer health impacts.

With implementation of the recommended mitigation measures, the health impacts to on-site sensitive receptors would be **less than significant**.

4.5 Odor Impacts

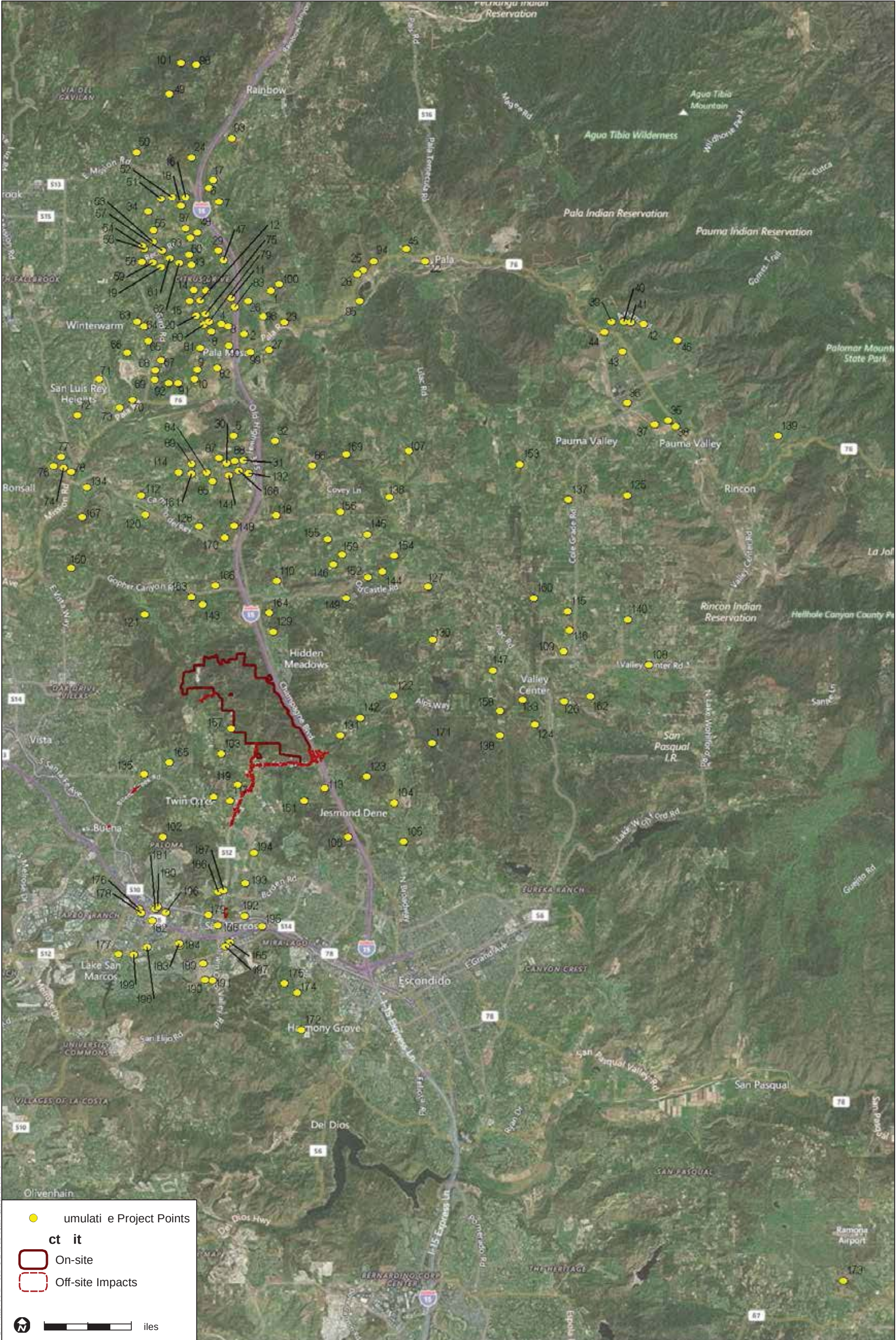
Odors are a form of air pollution that is most obvious to the general public. Odors can present significant problems for both the source and surrounding community. Although offensive odors seldom cause physical harm, they can be annoying and cause concern.

4.5.1 Guidelines for the Determination of Significance

Based on Appendix G of the CEQA Guidelines, and the County *Guidelines for Determining Significance – Air Quality*, the proposed project would have a significant impact if:

- The project, which is not an agricultural, commercial, or an industrial activity subject to SDAPCD standards, as a result of implementation, would either generate objectionable odors or place sensitive receptors next to existing objectionable odors, which would affect a considerable number of persons.

The State of California Health and Safety Code, Division 26, Part 4, Chapter 3, Section 41700 and SDAPCD Rule 51, commonly referred to as public nuisance law, prohibits emissions from any source whatsoever in such quantities of air contaminants or other material that cause injury, detriment, nuisance, or annoyance to the public health or damage to property. The potential for an operation to result in odor complaints from a “considerable” number of persons in the area would be considered to be a significant, adverse odor impact.



SOURCE: G 20 5 e land Sierra C, 20 5.

Air Quality Technical Report for the Newland Sierra Project

FIGURE 5
umulati e Projects ap

INTENTIONALLY LEFT BLANK

Air Quality Technical Report for the Newland Sierra Project

Projects required to obtain permits from SDAPCD are evaluated by SDAPCD staff for potential odor nuisance, and conditions may be applied (or control equipment required) where necessary to prevent occurrence of public nuisance.

Odor issues are very subjective by the nature of odors themselves and due to the fact that their measurements are difficult to quantify. As a result, this guideline is qualitative, and each project would be reviewed on an individual basis, focusing on the existing and potential surrounding uses and location of sensitive receptors.

4.5.2 Significance of Impacts Prior to Mitigation

4.5.2.1 Construction

Section 6318 of the San Diego County Zoning Ordinance requires that all commercial and industrial uses be operated so as not to emit matter causing unpleasant odors that are perceptible by the average person at or beyond any lot line of the lot containing said uses. Section 6318 goes on to further provide specific dilution standards that must be met “at or beyond any lot line of the lot containing the uses” (County of San Diego 1979). SDAPCD Rule 51 (Public Nuisance) also prohibits emission of any material that causes nuisance to a considerable number of persons or endangers the comfort, health, or safety of any person. A proposed project that involves a use that would produce objectionable odors would be deemed to have a significant odor impact if it would affect a considerable number of off-site receptors. The closest receptors to the proposed project include large-lot, single-family development to the north, west and south. South of the project Site is a mobile home park, the Golden Door Luxury Resort and Spa, and estate development along the border of the City of San Marcos and the unincorporated portion of the County of San Diego.

Construction of proposed project components would result in the emission of diesel fumes and other odors typically associated with construction activities. These compounds would be emitted in varying amounts on the project Site depending on where construction activities are occurring. Sensitive receptors located in the vicinity of the construction site may be affected. Odors are highest near the source and would quickly dissipate off Site. Any odors associated with construction activities would be temporary and would cease upon project completion; therefore, odor impacts would be considered **less than significant**.

4.5.2.2 Operations

Land uses and industrial operations that are associated with odor complaints include agricultural uses, wastewater treatment plants, food processing plants, chemical plants, composting, refineries, landfills, dairies, and fiberglass molding. The proposed project would include equestrian facilities and trails that could generate potential odors, as well as a homeowners

Air Quality Technical Report for the Newland Sierra Project

association (HOA) maintained green waste collection area within the HOA maintenance yard of the Sierra Farms Park. The green waste collection area is for landscape trimmings from common area landscapes to be chipped and ground into mulch or compost for reuse in common landscape areas. This area would be designed to collect approximately 30 to 40 yards of material at a time (approximately three open stalls 10' wide x 10' long x 6' tall) and would be buffered with screening shrubs.

Section 4.1 of the Vector Management Plan for the proposed project include measures related to nuisance odors associated with equestrian uses (Appendix M of the EIR). Measures include cleaning of corrals, waste management and disposal, cleaning of water troughs and general sanitation management. Measures provided in the Vector Management Plan would reduce potential odor impacts to a level that is less than significant. Additionally, the proposed project would be required to comply with the County odor policies enforced by SDAPCD, including Rule 51 in the event a nuisance complaint occurs, and County Code Sections 63.401 and 63.402, which prohibit nuisance odors and identify enforcement measures to reduce odor impacts to nearby receptors. As such, proposed residential, commercial and educational uses would not generate objectionable odors off Site. Thus, the impacts associated with odors would be **less than significant**.

4.5.3 Mitigation Measures and Design Considerations

No mitigation measures or design considerations would be required.

4.5.4 Conclusion

Section 4.1 of the Vector Management Plan for the proposed project include measures related to nuisance odors associated with equestrian uses (Appendix M of the EIR). Measures provided in the Vector Management Plan would reduce potential odor impacts to a level that is less than significant. Additionally, the proposed project would be required to comply with the County odor policies enforced by SDAPCD, including Rule 51 in the event a nuisance complaint occurs, and County Code Sections 63.401 and 63.402, which prohibit nuisance odors and identify enforcement measures to reduce odor impacts to nearby receptors. Therefore, impacts associated with objectionable odors would be less than significant.

5 SUMMARY OF RECOMMENDED PROJECT DESIGN FEATURES, IMPACTS, AND MITIGATION MEASURES

5.1 Project Design Features

As part of the project's Transportation Demand Management (TDM) Program, as described in the traffic impact analysis (See EIR, Appendix R), the project would employ PDF-1 through PDF-20 to reduce the number of vehicle trips generated by the proposed project including alternative modes of transportation. The TDM program would facilitate increased opportunities for transit, bicycling, and pedestrian travel, as well as providing the resources, means, and incentives for ridesharing and carpooling opportunities.

- PDF-1** Provide a mix of land uses, including residential, commercial, educational, and parks, so that residents of the project have access to basic shopping, school, and recreation opportunities without having to travel outside of the project Site. This would lower vehicle miles traveled because residents can use alternative transportation modes to reach the various land uses available within the Site.
- PDF-2** Develop a comprehensive trail network designed to provide multi-use trails between the various project components, land uses, parks/open spaces, school, and the Town Center. The trails network would provide connections to the various recreational trails and multi-modal facilities accessing the project Site. Additionally, the loop road includes 5-foot-wide bike lanes on both sides of the roadway.
- PDF-3** Provide bicycle racks along main travel corridors, adjacent to commercial developments, at public parks and open spaces, and at retail and multi-family buildings within the project Site.
- PDF-4** Implement an electric bike-share program to further link the project neighborhoods to one another and to reduce motorized vehicle trips. The bike share program includes the placement of eight kiosks throughout the Community. Electric bikes can be taken from one kiosk and left at another to promote sustainable transportation between planning areas. It is anticipated that each kiosk will contain 10 to 20 electric bikes.
- PDF-5** Coordinate with a car-share organization to install three car-share stations with one car each (for a total of three cars) in the commercial area of the project Site, available to residents on an on-demand basis.

Air Quality Technical Report for the Newland Sierra Project

- PDF-6** Coordinate a ride share or shuttle system that connects the various project neighborhoods to the Town Center and to external transit facilities and resources such as the park-and-ride lots and the Escondido Transit Center.
- PDF-7** Coordinate with the San Diego Association of Governments (SANDAG) iCommute program for carpool, vanpool, and rideshare programs that are specific to the project's residents.
- PDF-8** Promote the adjacent park-and-ride lots at the northeast quadrant of the Deer Springs Road/Mesa Rock Road intersection and at the northwest quadrant of the Deer Springs Road/Old Highway 395 intersection to residents to encourage carpooling.
- PDF-9** Provide transit subsidies for residents.
- PDF-10** Promote available websites providing transportation options for residents.
- PDF-11** Create and distribute a "new resident" information packet addressing alternative modes of transportation.
- PDF-12** Promote a transportation option app for use on mobile devices.
- PDF-13** Coordinate with NCTD and SANDAG about future siting of transit stops/stations at the adjacent park-and-ride lots.
- PDF-14** Provide transit subsidies for employees of the project's Town Center.
- PDF-15** Promote available websites providing transportation options for businesses in the Town Center.
- PDF-16** Promote the adjacent park-and-ride lots to employees to support carpooling.
- PDF-17** Implement a demand-responsive shuttle service that provides access throughout the project Site, to the park-and-ride lots, and to the Escondido Transit Center.
- PDF-18** Coordinate with SANDAG's iCommute program for carpool, vanpool, and rideshare programs that are specific to the project's employees.
- PDF-19** Coordinate with NCTD and SANDAG on the future siting of transit stops/stations at the adjacent park-and-ride lots.

Air Quality Technical Report for the Newland Sierra Project

- PDF-20** To ensure that the TDM Program strategies are implemented and effective, a transportation coordinator (likely as part of a homeowner's association (HOA)) would be established to monitor the TDM Program, and would be responsible for developing, marketing, implementing, and evaluating the TDM Program.

In addition to the project's TDM Program which would include PDF-1 through PDF-20, PDF-21 through PDF-32 related to project operations would be implemented:

- PDF-21** Landform alteration shall be minimized by clustering development and preserving natural topography, open spaces, and view corridors. Community open space areas shall be integrated into Site design and building layout.
- PDF-22** Solar panels shall be required on all residential units. Where feasible, roof-integrated solar panels should be considered to minimize visual impacts. All light fixtures along public roads shall be solar powered. The project can use centralized solar arrays (e.g., a solar array on top of a shade structure in a parking lot) to implement this requirement.
- PDF-23** The garages of all single-family homes shall include an electric vehicle charger in the garage, and electric vehicle charging stations shall be installed in 3 percent of the Town Center's commercial core parking spaces.
- PDF-24** All common area landscapes shall meet an evapotranspiration adjustment factor of 0.55 within residential neighborhoods and 0.45 within non-residential areas. An evapotranspiration adjustment factor of 1.0 is allowed for special landscape areas (i.e., recreational and community garden areas), as noted in County Ordinance Number 10032. All irrigation shall be designed to meet or exceed an average irrigation efficiency rating of 0.75 for spray/rotor irrigation and 0.81 for drip irrigation.
- PDF-25** Turf grass shall be prohibited in residential front yards and within street rights-of-way. Turf in rear or side yards of single-family homes shall be warm-season turf or shall have a plant species factor of 0.6 or lower.
- PDF-26** All single-family homes shall be plumbed for greywater systems for use in private yards.
- PDF-27** The amount of stormwater run-off and pollutant discharge shall be minimized through the use of open vegetated swales along roadways and within neighborhoods; water quality and detention basins; permeable paving, where feasible; and other similar low-impact-development techniques.

Air Quality Technical Report for the Newland Sierra Project

- PDF-28** An area within the maintenance yard of the Sierra Farms Park shall be designated for collection of common area landscape trimmings. These landscape trimmings shall be chipped and ground into either mulch or compost and used to return organic matter and nutrients to the project's landscaped areas. The green waste collection area shall be designed to collect approximately 30 to 40 yards of material at a time (approximately three open stalls 10 feet wide by 10 feet long by 6 feet tall). A buffer of screening shrubs shall be planted between the collection area and the street. The green waste area shall be maintained by the HOA.
- PDF-29** Vineyards and community gardens shall be incorporated to connect the Community to the region's agrarian history and provide productive landscapes.
- PDF-30** Where feasible, commercial structures would use cool roof technologies and light-colored paving.
- PDF-31** Builders would offer residents their choice of energy-efficient appliances (including washer/dryers, refrigerators), and appliances (including dishwashers) installed by builders would be Energy Star rated or equivalent.
- PDF-32** The project would not install wood-burning fireplaces for heating purposes. All fireplaces would be natural-gas-fired.

5.2 Impacts

Regarding consistency with local air quality plans, although the project would include sustainability features to reduce single-passenger vehicular trips and vehicle-miles travelled (VMT), the project would result in a more intense land use than currently allowed under the County of San Diego's existing General Plan. As the proposed project would contribute to local population and employment growth and associated VMT in an amount not anticipated for the project Site by the General Plan, the proposed project's growth is not accounted for in the State Implementation Plan (SIP) and Regional Air Quality Strategy (RAQS), and the proposed project potentially would not be consistent with those air quality plans. M-AQ-1 would be implemented to require coordination with the San Diego Association of Governments (SANDAG) and the San Diego Air Pollution Control District (SDAPCD) to provide an updated population, housing and employment forecast for the project Site for incorporation into the future RAQS update. However, because implementation of M-AQ-1 is not within the control of the County of San Diego or the project applicant, impacts would remain **significant and unavoidable**.

Construction of the proposed project would result in a temporary addition of pollutants to the local airshed caused by soil disturbance, fugitive dust emissions, and combustion pollutants from on-site construction equipment, as well as from off-site trucks hauling construction materials.

Air Quality Technical Report for the Newland Sierra Project

The analysis concludes that the daily construction emissions would exceed the County of San Diego's (County) daily significance thresholds for oxides of nitrogen (NO_x), carbon monoxide (CO), particulate matter with an aerodynamic diameter less than or equal to 10 microns (PM₁₀) and particulate matter with an aerodynamic diameter less than or equal to 2.5 microns (PM_{2.5}). Daily construction emissions would not exceed the County's daily thresholds for volatile organic compounds (VOCs) or sulfur oxides (SO_x). Air quality impacts resulting from construction, therefore, would be potentially significant. Implementation of mitigation measures M-AQ-2 through M-AQ-4 would not reduce emissions to a level that is below the County of San Diego thresholds; therefore, impacts would be **significant and unavoidable** during construction.

Additionally, operational emissions for VOC, CO and PM₁₀ were found to be potentially significant. The primary source of VOC emissions is use of consumer products, which are subject to CARB regulations and could not be mitigated further by project design features. The primary source of PM₁₀ is fugitive dust from vehicles traveling on paved roads; these emissions could not be mitigated further except to the extent that the project design features (PDFs) would reduce VMT. Following implementation of PDF-1 through PDF-32 and mitigation measure M-AQ-5 through M-AQ-8, proposed project operational emissions would remain **significant and unavoidable**.

Cumulative construction and operational emissions were found to be significant and unavoidable when considering the proposed project in combination with other existing and foreseeable future projects in the proposed project vicinity. Because other cumulative projects would have the potential to be constructed in the project vicinity, cumulative construction emissions could further exacerbate emissions shown in Table 20 and Table 21. Following implementation of M-AQ-2 through M-AQ-4, cumulative construction emissions would remain **significant and unavoidable**. Operation of the proposed project would result in a cumulatively considerable net increase of VOC, CO and PM₁₀. Additionally, it is possible that cumulative operational impacts for criteria pollutants would occur when considered in combination with potential future cumulative projects. PDF-1 through PDF-32 and mitigation measure M-AQ-5 through M-AQ-8 would be implemented which would reduce operational criteria pollutant emissions; however, emissions would not be reduced to a level that is less than significant. When considered with other potential cumulative projects in the proposed project vicinity, cumulative operational emissions would be considered **significant and unavoidable**.

Regarding impacts to sensitive receptors, impacts would be less than significant from the creation of CO hotspots during construction; therefore, impacts related to carbon monoxide near sensitive receptors would be **less than significant**. Similarly, neither the state 1-hour standard nor the 8-hour standard would be equaled or exceeded at any of the intersections analyzed during project operation and potential CO hotspot impacts would be **less than significant**.

Air Quality Technical Report for the Newland Sierra Project

Impacts related to cancer risk and chronic hazard from diesel particulate matter (DPM) also would be below the County of San Diego thresholds during construction activities; therefore, impacts would be **less than significant**.

Impacts related to crystalline silica would be considered **less than significant**; however, mitigation measure M-AQ-9 and M-AQ-10 would be implemented to reduce the release of fugitive dust into the air during blasting and general construction activities.

Regarding operational health risk, students attending the school on Site would be exposed to a maximum cancer risk of approximately 4.2 in 1 million. Project residents located in the north-east corner of the Town Center residential area would be exposed to a maximum cancer risk of approximately 9.1 in 1 million following implementation of mitigation measures M-HR-1, M-HR-2, M-HR-3, M-HR-4, and M-HR-5. The cancer risks on the project Site would not exceed the SDAPCD threshold of 10 in 1 million for cancer impacts after mitigation. The project residents would be exposed to a maximum chronic hazard index of approximately 0.02. The project residents would be exposed to a maximum acute hazard index of approximately 0.1. Therefore, the resulting maximum chronic and acute hazard indices are less than the SDAPCD threshold of 1.0 for chronic and acute noncancer health impacts. With implementation of mitigation measures, the health impacts to residents and students attending the school on Site would be **less than significant**.

Although odor impacts are unlikely, the proposed project would be required to comply with the County odor policies enforced by SDAPCD, including Rule 51 in the event a nuisance complaint occurs, and County Code Sections 63.401 and 63.402, which prohibit nuisance odors and identify enforcement measures to reduce odor impacts to nearby receptors. Additionally, odors odor and sanitation measures delineated in the proposed project's Vector Management Plan would be implemented to further reduce the potential for odor impacts to occur. Therefore, impacts associated with objectionable odors would be **less than significant**.

5.3 Mitigation Measures

Mitigation measure M-AQ-1 would be implemented to reduce impacts due to inconsistencies with local air quality plans:

M-AQ-1 Prior to SANDAG's next update to the Regional Housing Needs Assessment, the County shall prepare a revised population, employment and housing forecast to SANDAG that would reflect anticipated growth generated from the proposed project. The updated forecast provided to SANDAG would inform the SDAPCD's update to the Regional Air Quality Strategy and State Implementation Plan. The County shall prepare and submit a letter notifying the SDAPCD of this revised forecast for use in the future update to the RAQS and SIP as required.

Air Quality Technical Report for the Newland Sierra Project

Mitigation measures M-AQ-2 through M-AQ-4 are provided to reduce construction emissions to the extent feasible:

M-AQ-2 Prior to approval of any construction-related permits, the project applicant or its designee shall place the following requirements on all plans, which shall be implemented during each construction phase to minimize CO and NO_x emissions:

- a. Heavy-duty diesel-powered construction equipment shall be equipped with Tier 4 Final or better diesel engines, except where Tier 4 Final or better engines are not available for specific construction equipment. The County shall verify and approve all pieces within the construction fleet that would not meet Tier 4 Final standards;
- b. Minimize simultaneous operation of multiple construction equipment units. During construction, vehicles in loading and unloading queues shall not idle for more than 5 minutes and shall turn their engines off when not in use to reduce vehicle emissions;
- c. All construction equipment shall be properly tuned and maintained in accordance with manufacturer's specifications;
- d. The use of electrical or natural gas-powered construction equipment shall be employed where feasible including forklifts and other comparable equipment types;
- e. The use of catalytic reduction for gasoline-powered equipment shall be employed where feasible;
- f. Electrical hookups shall be provided on Site for the use of hand tools such as saws, drills, and compressors used for building construction to reduce the need for electric generators and other fuel-powered equipment;
- g. A Construction Traffic Control Plan shall be developed to ensure construction traffic and equipment use is minimized to the extent practicable. The Construction Traffic Control Plan shall include measures to reduce the amount of large pieces of equipment operating simultaneously during peak construction periods, scheduling of vendor and haul truck trips to occur during non-peak hours, establish dedicated construction parking areas to encourage carpooling and efficiently accommodate construction vehicles, identify alternative routes to reduce traffic congestion during peak activities and increase construction employee carpooling.

A conceptual construction traffic control has been provided in Section 16, of the Traffic Impact Analysis (See EIR, Appendix R) which includes specific construction traffic control measures. In addition to measures outlined in the

Air Quality Technical Report for the Newland Sierra Project

TIA, the following measure shall be implemented to encourage employee carpooling:

The construction contractor shall implement a construction worker ridership program to encourage workers to carpool to and from the construction site to reduce single-occupancy vehicle trips. The construction manager will log all daily construction worker trips using the San Diego iCommute program (SANDAG 2015) (accessed at <http://www.icommute.com/>) or a comparable tracking method. The construction contractor shall notify all construction personnel of the program prior to the start of construction activities and shall notify construction personnel of the iCommute program RideMatcher feature, or similar communication method, to ensure personnel can identify available carpooling program participants. Trip data will be made readily available to County inspectors at the construction trailer on Site throughout the construction period.

- M-AQ-3** Prior to approval of any grading permits and during project construction, a Fugitive Dust Plan shall be prepared demonstrating compliance with SDAPCD Rule 55 and County Code Section 87.428 (Grading Ordinance), and at the satisfaction of the County. The project applicant or its designee shall require implementation of the following fugitive dust measures to minimize PM₁₀ emissions as part of the Fugitive Dust Plan. All measures shall be designated on grading and improvement plans. Measure shall include but are not limited to:
- a. Prior to construction activities, the project applicant shall employ a construction relations officer who will address Community concerns regarding on-site construction activity. The applicant shall provide public notification in the form of a visible sign containing the contact information of the construction relations officer who will document complaints and concerns regarding on-site construction activity. The sign shall be placed in easily accessible locations along Deer Springs Road and noted on grading and improvement plans;
 - b. Water, or utilize another SDAPCD-approved dust control non-toxic agent on, the grading areas at least four times daily to minimize fugitive dust;
 - c. All permanent roads and roadway improvements shall be constructed and paved as early as possible in the construction process to reduce construction vehicle travel on unpaved roads. Building pads shall be finalized as soon as possible following Site preparation and grading activities to reduce fugitive dust from earth moving operations.

Air Quality Technical Report for the Newland Sierra Project

- d. Stabilize grading areas as quickly as possible to minimize fugitive dust;
- e. Apply chemical stabilizer, install a gravel pad, or pave the last 100 feet of internal travel path within the construction site prior to public road entry;
- f. Wheel washers shall be installed adjacent to the apron indicated in (c) for tire inspection and washing prior to vehicle entry on public roads;
- g. Remove any visible track-out into traveled public streets with the use of sweepers, water trucks or similar method within 30 minutes of occurrence;
- h. Provide sufficient perimeter erosion control to prevent washout of silty material onto public roads. Unpaved construction site egress points shall be graveled to prevent track-out;
- i. Wet wash the construction access point at the end of the workday if any vehicle travel on unpaved surfaces has occurred;
- j. Cover haul trucks or maintain at least two feet of freeboard to reduce blow-off during hauling;
- k. Suspend all soil disturbance and travel on unpaved surfaces if winds exceed 25 miles per hour;
- l. Cover on-site stockpiles of excavated material;
- m. Enforce a 15 mile per hour speed limit on unpaved surfaces;
- n. Pave permanent roads as quickly as possible to minimize dust;
- o. Haul truck staging areas shall be provided for loading and unloading of soil and materials and shall be located away from sensitive receptors at the furthest feasible distance;
- p. Construction Traffic Control Plans shall route delivery and haul trucks required during construction away from sensitive receptor locations and congested intersections to the extent feasible. Construction Traffic Control plans shall be finalized and approved prior to issuance of grading permits.

M-AQ-4 The following measure shall be included as part of the proposed project's Fugitive Dust Plan to reduce emissions associated with blasting and rock crushing activities:

- a. During blasting activities, the construction contractor shall implement all feasible engineering controls to control fugitive dust including exhaust ventilation, blasting cabinets and enclosures, vacuum blasters, drapes, water curtains or wet blasting. Watering methods, such as water sprays and water

Air Quality Technical Report for the Newland Sierra Project

applications shall be implemented during blasting, rock crushing, cutting, chipping, sawing, or any activity that would release dust particles to reduce fugitive dust emissions.

- a. During rock crushing transfer and conveyance activities, material shall be watered prior to entering the crusher. Crushing activities shall not exceed an opacity limit of 20% (or Number 1 on the Ringelmann Chart) as averaged over a 3 minute period in any period of 60 consecutive minutes, in accordance with SDAPCD Rule 50, Visible Emissions. A qualified opacity observer shall monitor opacity from crushing activities once every 30 days while crushers are employed on Site to ensure compliance with SDAPCD Rule 50. Water sprayers, conveyor belt enclosures or other mechanisms shall be employed to reduce fugitive dust generated during transfer and conveyance of crush material.

Mitigation measures M-AQ-5 through M-AQ-8 are provided to reduce operational emissions to the extent feasible:

- M-AQ-5** Educational material shall be provided to all residents, commercial tenants, and school employees regarding alternative modes of transportation internal and external to the Site, including information on the project-provided electric bike share program, shuttle services, bus routes, and other forms of alternative transportation. This information shall be made available in easily accessible areas in all commercial business spaces, school administrative offices, and residential lease offices on Site. This shall include the distribution of a “new resident” information packet addressing alternative modes of transportation.
- M-AQ-6** Preferential parking shall be provided for electric-powered vehicles (EV), compressed natural gas (CNG) vehicles and carpool/vanpool rideshare programs.
- M-AQ-7** The project applicant/phase developer shall develop a Green Cleaning Product education program to be made available at rental offices, leasing spaces, and/or on websites. The education program is intended for households and institutional consumers and consists of: (1) provision of educational materials on low ROG/VOC consumer products; (2) educational materials addressing the use of detergents, cleaning compounds, polishes, floor finishes, cosmetics, personal care products, home, lawn and garden products, disinfectants, sanitizers, aerosol paints, automotive specialty products, low ROG/VOC paints and architectural coatings, and low emission landscape equipment; (3) educational materials on the importance of recycling and purchasing recycled material.

Air Quality Technical Report for the Newland Sierra Project

M-AQ-8 To minimize idling time and combustion of vehicle fuels, the project applicant or its designee shall ensure that any nonresidential building that utilizes large-scale refrigerated storage (e.g., restaurant; grocery store) equips each loading dock with an electrical hook-up to power refrigerated trucks.

Mitigation measures M-AQ-9 and M-AQ-10 are provided to reduce construction emissions near sensitive receptors:

M-AQ-9 Construction activities that would occur within 100 feet of an on-site or off-site residence shall be limited to 10 acres of disturbance per day.

M-AQ-10 During blasting activities, the construction contractor shall implement all feasible engineering controls to control fugitive dust including exhaust ventilation, blasting cabinets and enclosures, vacuum blasters, drapes, water curtains or wet blasting. Watering methods, such as water sprays and water applications shall be implemented during blasting, rock crushing, cutting, chipping, sawing, or any activity that would release dust particles to reduce fugitive dust emissions. Respirators and other personal protective equipment approved for protection against silica shall be issued to construction workers during blasting and rock crushing operations.

Mitigation measures M-HR-1, M-HR-2, M-HR-3, M-HR-4, and M-HR-5 are provided to reduce impacts to health risk at residential receptors near I-15:

M-HR-1 The applicant or its successor shall install high-efficiency return air filters on all heating, ventilation, and air conditioning (HVAC) system serving any residential unit located in the northeastern portion of the Town Center that is identified as having a risk factor of 10 in 1 million or higher as identified in Figure 5. The air filtration system shall reduce at least 95% of particulate matter emissions, such as can be achieved with a Minimum Efficiency Reporting Value 16 (MERV 16) air filtration system installed on return vents in residential units. The Homeowners Association (HOA) property management for these multi-family residential receptors shall maintain the air filtration system on any HVAC system installed for the specified residential units in accordance with the manufacturer's recommendations for the life of the project.

M-HR-2 The applicant or its successor shall locate air intake vents on the residential buildings such that they do not face Interstate (I) 15 and are as far from I-15 as practicable.

Air Quality Technical Report for the Newland Sierra Project

- M-HR-3** A County-approved, ASHRAE-certified specialist shall verify the implementation of the installation of high-efficiency air filtration systems on return vents to reduce ambient particulate matter concentrations prior to occupancy of residential units located in the impacted area of the Town Center as shown in Figure 5.
- M-HR-4** The applicant or its successor shall require the following measures be implemented into the final design of the multi-family residential units located in the northeastern portion of the Town Center that is identified as having a risk factor of 10 in 1 million or higher as identified in Figure 5:
- Openable doors and windows shall be located on building faces that do not face the freeway. All windows facing Interstate 15 shall be fixed in place and not openable.
 - No playgrounds, benches, or other passive or active activity areas shall be located in the risk-impacted northeastern corner of the Town Center to limit outdoor activities and exposure.
- M-HR-5** As part of landscape design and vegetation palette for the project, installation of tiered vegetative landscaping is encouraged, including the installation of evergreen trees, between Interstate 15 and Town Center residential units. Any vegetation selected shall be compatible with the proposed project Fire Protection Plan. The tiered vegetation shall be maintained as part of the residential Community landscaping areas where feasible.

Implementing mitigation measures M-HR-1, M-HR-2, M-HR-3, M-HR-4, and M-HR-5 would reduce the maximum cancer risks at the residential point of maximum impact to 9.1 in 1 million, which is below the threshold of significance.

6 REFERENCES

- ASHRAE (American Society of Heating, Refrigerating, and Air-Conditioning Engineers Inc.). 2007. Method of Testing General Ventilation Air-Cleaning Devices for Removal Efficiency by Particle Size. ANSI/ASHRAE Standard 52.2-2007.
- CalRecycle (California Department of Resources Recycling and Recovery). 2004. "Construction/Demolition and Inert Debris Tools and Resources – Calculations." Solid Waste Cleanup Weights and Volumes for Project Estimates. Last updated January 23, 2004.
- Caltrans (California Department of Transportation). 1997. *Transportation Project-Level Carbon Monoxide Protocol*. Appendix B, Table B.2. Prepared by the Institute of Transportation Studies, University of California, Davis. Revised December 1997.
- Caltrans. 2013. CALINE4 Model. Last updated September 11, 2013. http://www.dot.ca.gov/hq/env/air/pages/cl_license.htm.
- CARB (California Air Resources Board). 2000. *Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles*. October 2000. <http://www.arb.ca.gov/diesel/documents/rrpfinal.pdf>.
- CARB. 2005. Air Quality and Land Use Handbook: A Community Health Perspective. April 2005.
- CARB. 2013. "Glossary of Air Pollutant Terms." CARB website. <http://www.arb.ca.gov/html/gloss.htm>.
- CARB. 2014a. "Area Designations Maps/State and National." <http://www.arb.ca.gov/desig/adm/htm>.
- CARB. 2014b. "iADAM: Air Quality Data Statistics." <http://arb.ca.gov/adam>.
- CARB. 2016. "Ambient Air Quality Standards." May 4, 2016. <https://www.arb.ca.gov/research/aaqs/aaqs2.pdf>.
- County of San Diego. 1979. San Diego County Zoning Ordinance, Part Six: General Regulations, Section 6318, Odors. May 16, 1979. <http://www.sdcountry.ca.gov/pds/zoning/index.html>.
- County of San Diego. 2004. San Diego County Grading, Clearing and Watercourses Ordinance. San Diego County Code, Title 8, Division 7, Section 87.428, Dust Control Measures. April 23, 2004. <http://www.sdcountry.ca.gov/dpw/docs/propgradord.pdf>.

Air Quality Technical Report for the Newland Sierra Project

- County of San Diego. 2007. *Guidelines for Determining Significance and Report Format and Content Requirements – Air Quality*. Department of Planning and Land Use, Department of Public Works. March 19, 2007.
- EPA (U.S. Environmental Protection Agency). 1980. “Explosives Detonation.” Section 13.3 in *Compilation of Air Pollutant Emission Factors*. Update to 5th ed. AP-42. Research Triangle Park, North Carolina: EPA; Office of Air and Radiation; Office of Air Quality Planning and Standards. February 1980 (Reformatted January 1995). <http://www.epa.gov/ttn/chief/ap42/ch13/index.html>.
- EPA. 1998. “Western Surface Coal Mining.” Section 11.9 in *Compilation of Air Pollutant Emission Factors*. Update to 5th ed. AP-42. Research Triangle Park, North Carolina: EPA; Office of Air and Radiation; Office of Air Quality Planning and Standards. October 1998). <http://www.epa.gov/ttn/chief/ap42/ch11/index.html>.
- EPA. 2004. “Crushed Stone Processing and Pulverized Mineral Processing.” Section 11.19.2 of *Compilation of Air Pollutant Emission Factors*. Update to 5th ed. AP-42. Research Triangle Park, North Carolina: EPA; Office of Air and Radiation; Office of Air Quality Planning and Standards. August 2004. <http://www.epa.gov/ttn/chief/ap42/ch11/index.html>.
- EPA. 2006. “Aggregate Handling and Storage Piles.” Chap. 13.2.4 in *Compilation of Air Pollutant Emission Factors. Vol. 1, Stationary Point and Area Sources*. Update to 5th ed. AP-42. Research Triangle Park, North Carolina: EPA, Office of Air and Radiation, Office of Air Quality Planning and Standards. November 2006. <http://www.epa.gov/ttn/chief/ap42/ch13/index.html>.
- EPA. 2014a. National Ambient Air Quality Standards (NAAQS). Updated October 21, 2014. <http://www.epa.gov/air/criteria.html>.
- EPA. 2014b. “Six Common Air Pollutants.” Last updated December 22, 2014. Accessed at: <http://www.epa.gov/air/urbanair/>.
- EPA. 2014c. “Monitor Values Report.” http://www.epa.gov/airdata/ad_rep_mon.html.
- EPA. 2015. “Region 9: Air Programs, Air Quality Maps.” Last updated February 26, 2015. Accessed at: <http://www.epa.gov/region9/air/maps/index.html>.
- Fisk, W.J., D. Faulkner, J. Palonen, and O. Seppanen. 2002. “Performance and costs of particle air filtration technologies.” *Indoor Air* 12: 223–234.

Air Quality Technical Report for the Newland Sierra Project

- Fujii, Erin et al. 2008. “Removal Rates of Particulate Matter onto Vegetation as a Function of Particle Size, Final Report to Breathe California of Sacramento-Emigrant Trails Health Effects Task Force (HETF) and Sacramento Metropolitan AQMD”, April 2008.
- Fusco Engineering. 2016. Construction Schedule and Assumptions spreadsheet. August 2016.
- Kruer, J. 2015a. Email communication between J. Kruer (J.T. Kruer & Company) and David Deckman (Dudek). March 24, 2015.
- Kruer, J. 2015b. Telephone communication between J. Kruer (J.T. Kruer & Company) and David Deckman (Dudek). March 24, 2015.
- Lakes Environmental. 2015. AERMOD View Software (Version 8.1).
- LLG (Linscott, Law and Greenspan). 2016. Traffic Impact Analysis. Sierra. December 19, 2016.
- OEHHA (Office of Environmental Health Hazard Assessment). 2015. Air Toxics Hot Spots Program. Risk Assessment Guidelines. Guidance Manual for Preparation of Health Risk Assessments. February 2015. http://oehha.ca.gov/air/hot_spots/2015/2015GuidanceManual.pdf.
- SCAQMD (South Coast Air Quality Management District). 2008. *Final Localized Significance Threshold Methodology*. June 2003; revised July 2008.
- SDAPCD (San Diego Air Pollution Control District). 1969. Rules and Regulations. Regulation IV. Prohibitions. Rule 51. Nuisance. Effective January 1, 1969.
- SDAPCD. 1995. Rules and Regulations. Regulation XV. Federal Conformity. Rule 1501. Conformity with General Federal Actions. Adopted March 7, 1995.
- SDAPCD. 1998. SDAPCD Regulation II: Permits; Rule 20.2: New Source Review—Non-Major Sources. December 17, 1998. <http://www.sdapcd.org/rules/Reg2pdf/R20-2.pdf>.
- SDAPCD. 2001. SDAPCD Regulation IV: Prohibitions; Rule 67: Architectural Coatings. December 12, 2001. <http://www.sdapcd.org/rules/Reg4pdf/R67-0.pdf>.
- SDAPCD. 2005. *Measures to Reduce Particulate Matter in San Diego County*. December 2005. <http://www.sdapcd.org/planning/plan.html>.
- SDAPCD. 2007. *Eight-Hour Ozone Attainment Plan for San Diego County*. May 2007. <http://www.sdapcd.org/planning/plan.html>.

Air Quality Technical Report for the Newland Sierra Project

SDAPCD. 2009a. *2009 Regional Air Quality Strategy Revision*. April 2009. <http://www.sdapcd.org/planning/2009-RAQS.pdf>.

SDAPCD. 2009b. SDAPCD Regulation IV: Prohibitions; Rule 55: Fugitive Dust. December 24, 2009. <http://www.sdapcd.org/rules/Reg4pdf/R55.pdf>.

SDAPCD. 2012. *Redesignation Request and Maintenance Plan for the 1997 National Ozone Standard for San Diego County*. December 15, 2012. http://www.sdapcd.org/planning/8_Hour_O3_Maint-Plan.pdf.

SMAQMD (Sacramento Metropolitan Air Quality Management District). 2011. “Recommended Protocol for Evaluating the Location of Sensitive Land Uses Adjacent to Major Roadways”. March 2011.

WRCC (Western Regional Climate Center). 2015. Escondido. Temperature and Precipitation. April 2015.

7 LIST OF PREPARERS

David Deckman	Senior Air Quality Analyst
Jennifer Sucha	Environmental Planner
Jennifer Reed	Air Quality Manager
Matthew Morales	Air Quality Specialist
Shabnam Dilmaghani	Air Quality Specialist
Khristina Leyba	Environmental Engineer
Lesley Terry	GIS Analyst
Devin Brookhart	Publications Specialist Lead
Lindsey Powers	Publications Specialist

INTENTIONALLY LEFT BLANK

APPENDIX A

Construction Schedule and Assumptions

Newland Sierra Project

Phase 1

Workdays per week

6

	Weeks	Start Date	End Date
Phase 1 - Total Construction Duration/Schedule	359.7	1/10/2018	12/2/2024

Note: Assumes 2 one-way trips per each worker, haul truck, and vendor truck

Phase	Weeks Per Activity	Start Date	End Date	# of Workers per day	Total Haul Trucks	Vendor Trucks per day	Equipment Type	No. of Equip Units
Site Preparation*	5.0	1/10/2018	2/14/2018	24	360	8	Crawler Tractors	4
							Loaders	2
							Grinder	1
Grading	148.1	1/29/2018	12/1/2020	150	290,071	36	Crawler Tractors	11
Phase 1 Grading Acres = 565							Excavators	5
Phase 1 Soil Hauling = 2,320,570 cubic yards of on-site soil movement							Graders	4
Average on-site haul distance = 0.4 mile (one-way)							Tractors/Loaders/Backhoes	2
Haul truck capacity = 16 cubic yards							Drill Rigs	15
							Water Trucks	14
							Off Hwy. Trucks	2
							Scrapers	5
Building Construction	246.0	3/16/2020	12/2/2024	800	0	40	Cranes	8
							Forklifts	8
							Generator Sets	8
							Tractors/Loaders/Backhoes	4
Trenching (for utilities)	131.1	10/28/2018	5/3/2021	78	0	32	Excavators	2
							Tractors/Loaders/Backhoes	8
							Water Truck	8
Architectural Coating (painting and finishing)	228.9	7/14/2020	12/2/2024	160	0	8	Air Compressors	20
Paving	140.0	7/17/2019	3/23/2022	36	0	20	Pavers	1
							Paving Eqpmnt. (Oiler, Sweeper)	2
							Loader	2
							Water Trucks	4
							Rollers	3
							Scrapers	2
Brush Management/Landscaping	108.9	5/1/2019	6/1/2021	192	0	28	Loader	8
							Dumpruck	4
							Water Truck	8
							Trencher	4
Reservoirs (2 Steel Tanks)	26.9	12/27/2018	7/3/2019	44	0	4	Excavators	1
							Tractors/Loaders/Backhoes	4
							Generator Sets	3
							Aerial Lifts	4

Source: Fuscoe, August 2016

* Site prep hauling activity would include distribution of mulched vegetation, grubbed material, and biological fencing supplies to staging locations within the work area.

Newland Sierra Project

Phase 2

Workdays per week

6

	Weeks	Start Date	End Date
Phase 2 - Total Construction Duration/Schedule	362.1	12/21/2020	11/30/2027

Note: Assumes 2 one-way trips per each worker, haul truck, and vendor truck

Phase	Weeks Per Activity	Start Date	End Date	# of Workers per day	Total Haul Trucks	Vendor Trucks per day	Equipment Type	No. of Equip Units
Site Preparation*	4.0	12/21/2020	1/18/2021	36	288	8	Crawler Tractors	3
							Loaders	2
							Grinder	1
Grading Phase 1 Grading Acres = 11.2 Phase 2 Soil Hauling = 103,140 cubic yards of on-site soil movement Average on-site haul distance = 0.8 mile (one-way) Haul truck capacity = 16 cubic yards	95.6	1/18/2021	11/18/2022	96	12,893	28	Crawler Tractors	7
							Excavators	2
							Graders	2
							Tractors/Loaders/Backhoes	2
							Drill Rigs	6
							Water Trucks	10
							Off Hwy. Trucks	2
							Scrapers	5
Building Construction	147.1	2/3/2025	11/30/2027	400	0	32	Cranes	4
							Forklifts	8
							Generator Sets	20
							Tractors/Loaders/Backhoes	4
Trenching (for utilities)	116.0	1/3/2022	3/25/2024	44	0	24	Excavators	4
							Tractors/Loaders/Backhoes	4
							Water Truck	8
Architectural Coating (painting and finishing)	121.6	8/1/2025	11/30/2027	80	0	8	Air Compressors	10
Paving	143.4	8/1/2022	5/1/2025	24	0	16	Pavers	1
							Paving Eqpmnt. (Oiler, Sweeper)	2
							Loader	2
							Water Trucks	4
							Rollers	3
							Scrapers	2
Brush Management/Landscaping	82.3	11/1/2021	5/31/2023	96	0	16	Loader	4
							Dumpruck	2
							Water Truck	4
							Trencher	2

Source: Fuscoe, August 2016

* Site prep hauling activity would include distribution of mulched vegetation, grubbed material, and biological fencing supplies to staging locations within the work area.

APPENDIX B

CalEEMod Output Files and Average Operational Trip Length Data

Newland Sierra - Construction
San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	875	Dwelling Unit	99.52	1,560,600.00	2480
Condo/Townhouse	935	Dwelling Unit	158.18	935,000.00	2697
Retirement Community	325.00	Dwelling Unit	58.20	325,000.00	930
City Park	34.60	Acre	34.60	1,507,176.00	0
Other Asphalt Surfaces	97.60	Acre	97.60	4,251,456.00	0
Strip Mall	81.00	1000sqft	10.20	81,000.00	0
Elementary School	33.00	1000sqft	6.00	33,000.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2030
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	720.49	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - Land uses per EIR PD
- Construction Phase - construction schedule per Fuscoe 2016
- Off-road Equipment - Fuscoe 2016
- Off-road Equipment - Fuscoe 2016

Off-road Equipment - Fuscoe 2016

Off-road Equipment - Fuscoe 2016

Off-road Equipment - Fuscoe 2016

Off-road Equipment - Fuscoe 2016

Off-road Equipment - Fuscoe 2016

Off-road Equipment - Fuscoe 2016

Off-road Equipment - Fuscoe 2016

Off-road Equipment - Fuscoe 2016

Off-road Equipment - Fuscoe 2016

Off-road Equipment - Fuscoe 2016

Off-road Equipment - Fuscoe 2016

Off-road Equipment - Fuscoe 2016

Off-road Equipment - Fuscoe 2016

Grading - Fuscoe 2016

Trips and VMT - Fuscoe 2016

On-road Fugitive Dust - All haul trucks assumed to be on unpaved roads

Architectural Coating - SDAPCD Rule 67.0.1

Construction Off-road Equipment Mitigation - Tier 4 final engines

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15

[illegible]

tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	PhaseEndDate	1/9/2018	2/14/2018
tblGrading	AcresOfGrading	0.00	565.00
tblGrading	AcresOfGrading	5,462.50	11.20
tblGrading	AcresOfGrading	11,125.00	565.00
tblGrading	AcresOfGrading	37.50	11.20
tblGrading	MaterialExported	0.00	103,140.00
tblGrading	MaterialExported	0.00	2,320,570.00
tblLandUse	LotAcreage	281.49	99.52
tblLandUse	LotAcreage	58.94	158.18
tblLandUse	LotAcreage	65.00	58.20
tblLandUse	LotAcreage	1.86	10.20
tblLandUse	LotAcreage	0.76	6.00
tblOffRoadEquipment	LoadFactor	0.43	0.43
tblOffRoadEquipment	LoadFactor	0.50	0.50
tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.48	0.48
tblOffRoadEquipment	LoadFactor	0.50	0.50
tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	LoadFactor	0.31	0.31
tblOffRoadEquipment	LoadFactor	0.43	0.43
tblOffRoadEquipment	LoadFactor	0.43	0.43
tblOffRoadEquipment	LoadFactor	0.50	0.50

tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.48	0.48
tblOffRoadEquipment	LoadFactor	0.50	0.50
tblOffRoadEquipment	OffRoadEquipmentType		Crawler Tractors
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Crushing/Proc. Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Crawler Tractors
tblOffRoadEquipment	OffRoadEquipmentType		Bore/Drill Rigs
tblOffRoadEquipment	OffRoadEquipmentType		Off-Highway Trucks
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Scrapers
tblOffRoadEquipment	OffRoadEquipmentType		Trenchers
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentType		Generator Sets
tblOffRoadEquipment	OffRoadEquipmentType		Aerial Lifts
tblOffRoadEquipment	OffRoadEquipmentType		Crawler Tractors
tblOffRoadEquipment	OffRoadEquipmentType		Crushing/Proc. Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Crawler Tractors
tblOffRoadEquipment	OffRoadEquipmentType		Bore/Drill Rigs
tblOffRoadEquipment	OffRoadEquipmentType		Off-Highway Trucks
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Scrapers
tblOffRoadEquipment	OffRoadEquipmentType		Trenchers

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	10.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	20.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	20.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	2.00
tblOffRoadEquipment	UsageHours	7.00	8.00

tblOffRoadEquipment	UsageHours	7.00	8.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblProjectCharacteristics	OperationalYear	2018	2020
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	HaulingTripLength	20.00	0.40
tblTripsAndVMT	HaulingTripLength	20.00	0.00
tblTripsAndVMT	HaulingTripLength	20.00	0.00
tblTripsAndVMT	HaulingTripLength	20.00	0.00
tblTripsAndVMT	HaulingTripLength	20.00	0.00
tblTripsAndVMT	HaulingTripLength	20.00	0.80
tblTripsAndVMT	HaulingTripLength	20.00	0.40
tblTripsAndVMT	HaulingTripLength	20.00	0.00
tblTripsAndVMT	HaulingTripLength	20.00	0.00
tblTripsAndVMT	HaulingTripLength	20.00	0.00
tblTripsAndVMT	HaulingTripLength	20.00	0.00
tblTripsAndVMT	HaulingTripLength	20.00	0.00
tblTripsAndVMT	HaulingTripLength	20.00	0.80
tblTripsAndVMT	HaulingTripLength	20.00	0.00
tblTripsAndVMT	HaulingTripLength	20.00	0.00
tblTripsAndVMT	HaulingTripNumber	0.00	360.00
tblTripsAndVMT	HaulingTripNumber	10,198.00	12,893.00
tblTripsAndVMT	HaulingTripNumber	0.00	288.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00

tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripNumber	0.00	8.00
tblTripsAndVMT	VendorTripNumber	0.00	8.00
tblTripsAndVMT	VendorTripNumber	0.00	8.00
tblTripsAndVMT	VendorTripNumber	1,191.00	32.00
tblTripsAndVMT	VendorTripNumber	1,191.00	40.00
tblTripsAndVMT	VendorTripNumber	0.00	28.00
tblTripsAndVMT	VendorTripNumber	0.00	36.00
tblTripsAndVMT	VendorTripNumber	0.00	16.00
tblTripsAndVMT	VendorTripNumber	0.00	20.00
tblTripsAndVMT	VendorTripNumber	0.00	16.00
tblTripsAndVMT	VendorTripNumber	0.00	28.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	8.00
tblTripsAndVMT	VendorTripNumber	0.00	32.00
tblTripsAndVMT	VendorTripNumber	0.00	24.00
tblTripsAndVMT	WorkerTripLength	16.80	20.00
tblTripsAndVMT	WorkerTripLength	16.80	20.00
tblTripsAndVMT	WorkerTripLength	16.80	20.00
tblTripsAndVMT	WorkerTripLength	16.80	20.00
tblTripsAndVMT	WorkerTripLength	16.80	20.00

tblTripsAndVMT	WorkerTripLength	16.80	20.00
tblTripsAndVMT	WorkerTripLength	16.80	20.00
tblTripsAndVMT	WorkerTripLength	16.80	20.00
tblTripsAndVMT	WorkerTripLength	16.80	20.00
tblTripsAndVMT	WorkerTripLength	16.80	20.00
tblTripsAndVMT	WorkerTripLength	16.80	20.00
tblTripsAndVMT	WorkerTripLength	16.80	20.00
tblTripsAndVMT	WorkerTripLength	16.80	20.00
tblTripsAndVMT	WorkerTripLength	16.80	20.00
tblTripsAndVMT	WorkerTripLength	16.80	20.00
tblTripsAndVMT	WorkerTripLength	16.80	20.00
tblTripsAndVMT	WorkerTripNumber	20.00	24.00
tblTripsAndVMT	WorkerTripNumber	737.00	80.00
tblTripsAndVMT	WorkerTripNumber	737.00	160.00
tblTripsAndVMT	WorkerTripNumber	3,683.00	400.00
tblTripsAndVMT	WorkerTripNumber	3,683.00	800.00
tblTripsAndVMT	WorkerTripNumber	65.00	96.00
tblTripsAndVMT	WorkerTripNumber	110.00	150.00
tblTripsAndVMT	WorkerTripNumber	25.00	24.00
tblTripsAndVMT	WorkerTripNumber	25.00	36.00
tblTripsAndVMT	WorkerTripNumber	15.00	96.00
tblTripsAndVMT	WorkerTripNumber	30.00	192.00
tblTripsAndVMT	WorkerTripNumber	30.00	44.00
tblTripsAndVMT	WorkerTripNumber	15.00	36.00
tblTripsAndVMT	WorkerTripNumber	25.00	78.00
tblTripsAndVMT	WorkerTripNumber	20.00	44.00

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					
2018	32.0141	403.6948	220.9674	0.5996	639.6188	14.5807	653.2955	72.7363	13.4857	85.3367	0.0000	60,766.3642	60,766.3642	15.3979	0.0000	61,151.3106
2019	36.3276	432.8234	260.4703	0.7072	555.7013	16.1755	571.8768	57.0352	14.8924	71.9276	0.0000	71,046.5810	71,046.5810	17.7073	0.0000	71,489.2646
2020	71.1644	537.9840	402.7634	1.0670	618.5418	21.7379	640.2797	65.8866	20.3117	86.1984	0.0000	105,298.7002	105,298.7002	21.1831	0.0000	105,828.2772
2021	62.8042	414.5388	360.3506	0.9133	98.1643	17.7722	115.9364	13.8866	16.6284	30.5150	0.0000	89,959.7058	89,959.7058	16.8632	0.0000	90,381.2845
2022	53.6785	314.0381	306.6396	0.8035	76.2707	13.0459	89.3166	11.1827	12.2295	23.4122	0.0000	79,042.8206	79,042.8206	14.9366	0.0000	79,416.2357
2023	39.8201	162.6736	213.7695	0.5129	19.0136	7.3004	26.3139	5.0851	6.9127	11.9977	0.0000	50,583.7172	50,583.7172	6.9888	0.0000	50,758.4382
2024	36.9035	137.9696	191.6316	0.4644	17.2579	5.8145	23.0724	4.6129	5.5184	10.1313	0.0000	45,732.9072	45,732.9072	6.2283	0.0000	45,888.6154
2025	44.4509	100.7496	141.6118	0.3158	8.0380	3.9970	11.5247	2.1481	3.8302	5.7951	0.0000	30,787.9505	30,787.9505	3.9185	0.0000	30,885.9131
2026	44.3608	87.3694	131.5324	0.2879	8.0380	3.4851	11.5232	2.1481	3.4005	5.5485	0.0000	27,989.3744	27,989.3744	2.2518	0.0000	28,045.6694
2027	44.2704	87.2043	130.6521	0.2858	8.0380	3.4826	11.5207	2.1481	3.3981	5.5462	0.0000	27,780.2235	27,780.2235	2.2438	0.0000	27,836.3175
Maximum	71.1644	537.9840	402.7634	1.0670	639.6188	21.7379	653.2955	72.7363	20.3117	86.1984	0.0000	105,298.7002	105,298.7002	21.1831	0.0000	105,828.2772

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					
2018	9.1679	82.4285	268.5405	0.5996	384.4190	1.0230	385.2997	42.1518	1.0107	43.0242	0.0000	60,766.3641	60,766.3641	15.3979	0.0000	61,151.3106
2019	11.3674	90.3637	311.3257	0.7072	343.5301	1.1961	344.7262	35.8033	1.1796	36.9829	0.0000	71,046.5809	71,046.5809	17.7073	0.0000	71,489.2646

2020	36.2849	108.1939	466.2384	1.0670	388.0081	1.5230	389.5312	42.8185	1.5005	44.3190	0.0000	105,298.7002	105,298.7002	21.1831	0.0000	105,828.2772
2021	33.5412	68.0330	405.2806	0.9133	69.4116	1.1685	70.5800	11.0089	1.1535	12.1623	0.0000	89,959.7058	89,959.7058	16.8632	0.0000	90,381.2844
2022	31.3295	56.1003	356.4508	0.8035	54.9325	1.0302	55.9627	9.0488	1.0179	10.0667	0.0000	79,042.8206	79,042.8206	14.9366	0.0000	79,416.2356
2023	27.0988	30.3932	231.2187	0.5129	19.0136	0.5755	19.5891	5.0851	0.5660	5.6510	0.0000	50,583.7172	50,583.7172	6.9888	0.0000	50,758.4381
2024	26.0642	26.7154	209.5578	0.4644	17.2579	0.5293	17.7872	4.6129	0.5208	5.1337	0.0000	45,732.9072	45,732.9072	6.2283	0.0000	45,888.6154
2025	37.3063	17.6865	158.5203	0.3158	8.0380	0.3898	8.3768	2.1481	0.3862	2.4830	0.0000	30,787.9505	30,787.9505	3.9185	0.0000	30,885.9131
2026	37.2161	14.9891	143.3385	0.2879	8.0380	0.3372	8.3752	2.1481	0.3334	2.4815	0.0000	27,989.3744	27,989.3744	2.2518	0.0000	28,045.6694
2027	37.1258	14.8241	142.4582	0.2858	8.0380	0.3347	8.3727	2.1481	0.3311	2.4792	0.0000	27,780.2235	27,780.2235	2.2438	0.0000	27,836.3175
Maximum	37.3063	108.1939	466.2384	1.0670	388.0081	1.5230	389.5312	42.8185	1.5005	44.3190	0.0000	105,298.7002	105,298.7002	21.1831	0.0000	105,828.2772

	ROG	NOx	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	38.49	80.97	-14.09	0.00	36.51	92.45	39.27	33.73	92.05	51.02	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	P1 Site Preparation	Site Preparation	1/10/2018	2/14/2018	6	31	
2	P1 Grading	Grading	1/29/2018	12/1/2020	6	890	
3	P1 Building Construction	Building Construction	3/16/2020	12/2/2024	6	1477	
4	P1 Trenching	Trenching	10/28/2018	5/3/2021	6	787	
5	P1 Architectural Coating	Architectural Coating	7/14/2020	12/2/2024	6	1374	
6	P1 Paving	Paving	7/17/2019	3/23/2022	6	841	
7	P1 Brush Management	Site Preparation	5/1/2019	6/1/2021	6	654	
8	P1 Reservoirs	Site Preparation	12/27/2018	7/3/2019	6	162	

9	P2 Site Preparation	Site Preparation	12/21/2020	1/18/2021	6	25
10	P2 Grading	Grading	1/18/2021	11/18/2022	6	575
11	P2 Building Construction	Building Construction	2/3/2025	11/30/2027	6	884
12	P2 Trenching	Trenching	1/3/2022	3/25/2024	6	697
13	P2 Architectural Coating	Architectural Coating	8/1/2025	11/30/2027	6	730
14	P2 Paving	Paving	8/1/2022	5/1/2025	6	862
15	P2 Brush Management	Site Preparation	11/1/2021	5/31/2023	6	495

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 97.6

Residential Indoor: 5,727,915; Residential Outdoor: 1,909,305; Non-Residential Indoor: 171,000; Non-Residential Outdoor: 57,000;

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
P2 Site Preparation	Crawler Tractors	3	8.00	212	0.43
P2 Site Preparation	Crushing/Proc. Equipment	1	8.00	85	0.78
P2 Grading	Crawler Tractors	7	8.00	212	0.43
P2 Grading	Bore/Drill Rigs	6	8.00	221	0.50
P2 Grading	Off-Highway Trucks	2	8.00	402	0.38
P2 Trenching	Excavators	4	8.00	158	0.38
P2 Trenching	Tractors/Loaders/Backhoes	4	8.00	97	0.37
P2 Paving	Tractors/Loaders/Backhoes	2	8.00	97	0.37
P2 Paving	Scrapers	2	8.00	367	0.48
P2 Brush Management	Trenchers	2	8.00	78	0.50
P1 Site Preparation	Air Compressors	1	6.00	78	0.48
P2 Architectural Coating	Air Compressors	10	6.00	78	0.48
P1 Architectural Coating	Air Compressors	20	6.00	78	0.48
P2 Building Construction	Cranes	4	7.00	231	0.29
P1 Building Construction	Cranes	8	8.00	231	0.29

P2 Grading	Excavators	2	8.00	158	0.38
P1 Grading	Excavators	5	8.00	158	0.38
P2 Building Construction	Forklifts	8	8.00	89	0.20
P1 Building Construction	Forklifts	8	8.00	89	0.20
P2 Building Construction	Generator Sets	20	8.00	84	0.74
P1 Building Construction	Generator Sets	8	8.00	84	0.74
P2 Grading	Graders	2	8.00	187	0.41
P1 Grading	Graders	4	8.00	187	0.41
P2 Paving	Pavers	1	8.00	130	0.42
P1 Paving	Pavers	1	8.00	130	0.42
P2 Paving	Paving Equipment	2	8.00	132	0.36
P1 Paving	Paving Equipment	2	8.00	132	0.36
P2 Paving	Rollers	3	8.00	80	0.38
P1 Paving	Rollers	3	8.00	80	0.38
P2 Grading	Rubber Tired Dozers	0	8.00	247	0.40
P1 Grading	Rubber Tired Dozers	0	8.00	247	0.40
P1 Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
P2 Brush Management	Rubber Tired Dozers	0	8.00	247	0.40
P1 Brush Management	Rubber Tired Dozers	0	8.00	247	0.40
P1 Reservoirs	Rubber Tired Dozers	0	8.00	247	0.40
P2 Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
P2 Grading	Scrapers	5	8.00	367	0.48
P1 Grading	Scrapers	5	8.00	367	0.48
P2 Building Construction	Tractors/Loaders/Backhoes	4	7.00	97	0.37
P1 Building Construction	Tractors/Loaders/Backhoes	4	8.00	97	0.37
P2 Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
P1 Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
P1 Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
P2 Brush Management	Tractors/Loaders/Backhoes	4	8.00	97	0.37
P1 Brush Management	Tractors/Loaders/Backhoes	8	8.00	97	0.37

P1 Reservoirs	Tractors/Loaders/Backhoes	4	8.00	97	0.37
P2 Site Preparation	Tractors/Loaders/Backhoes	2	8.00	97	0.37
P2 Building Construction	Welders	0	8.00	46	0.45
P1 Building Construction	Welders	0	8.00	46	0.45
Architectural Coating	Crawler Tractors	4	8.00	212	0.43
Architectural Coating	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Architectural Coating	Crushing/Proc. Equipment	1	8.00	85	0.78
P1 Grading	Crawler Tractors	11	8.00	212	0.43
P1 Grading	Bore/Drill Rigs	15	8.00	221	0.50
P1 Grading	Off-Highway Trucks	2	8.00	402	0.38
P1 Trenching	Excavators	2	8.00	158	0.38
P1 Trenching	Tractors/Loaders/Backhoes	8	8.00	97	0.37
P1 Paving	Tractors/Loaders/Backhoes	2	8.00	97	0.37
P1 Paving	Scrapers	2	8.00	367	0.48
P1 Brush Management	Trenchers	4	8.00	78	0.50
P1 Reservoirs	Excavators	1	8.00	158	0.38
P1 Reservoirs	Generator Sets	3	8.00	84	0.74
P1 Reservoirs	Aerial Lifts	4	8.00	63	0.31

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
P1 Site Preparation	8	24.00	8.00	360.00	20.00	20.00	0.40	LD_Mix	HDT_Mix	HHDT
P2 Architectural Coating	10	80.00	8.00	0.00	20.00	20.00	0.00	LD_Mix	HDT_Mix	HHDT
P1 Architectural Coating	20	160.00	8.00	0.00	20.00	20.00	0.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction	36	400.00	32.00	0.00	20.00	20.00	0.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction	28	800.00	40.00	0.00	20.00	20.00	0.00	LD_Mix	HDT_Mix	HHDT
P2 Grading	26	96.00	28.00	12,893.00	20.00	20.00	0.80	LD_Mix	HDT_Mix	HHDT
P1 Grading	44	150.00	36.00	290,071.00	20.00	20.00	0.40	LD_Mix	HDT_Mix	HHDT
P2 Paving	10	24.00	16.00	0.00	20.00	20.00	0.00	LD_Mix	HDT_Mix	HHDT

P1 Paving	10	36.00	20.00	0.00	20.00	20.00	0.00	LD_Mix	HDT_Mix	HHDT
P2 Brush Management	6	96.00	16.00	0.00	20.00	20.00	0.00	LD_Mix	HDT_Mix	HHDT
P1 Brush Management	12	192.00	28.00	0.00	20.00	20.00	0.00	LD_Mix	HDT_Mix	HHDT
P1 Reservoirs	12	44.00	4.00	0.00	20.00	20.00	0.00	LD_Mix	HDT_Mix	HHDT
P2 Site Preparation	6	36.00	8.00	288.00	20.00	20.00	0.80	LD_Mix	HDT_Mix	HHDT
P1 Trenching	10	78.00	32.00	0.00	20.00	20.00	0.00	LD_Mix	HDT_Mix	HHDT
P2 Trenching	8	44.00	24.00	0.00	20.00	20.00	0.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

- Use Cleaner Engines for Construction Equipment
- Water Exposed Area
- Reduce Vehicle Speed on Unpaved Roads
- Clean Paved Roads

3.2 P1 Site Preparation - 2018

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					37.3947	0.0000	37.3947	12.0177	0.0000	12.0177			0.0000			0.0000
Off-Road	4.8613	50.2045	24.3305	0.0410		2.7275	2.7275		2.5213	2.5213		4,113.0724	4,113.0724	1.2196		4,143.5619
Total	4.8613	50.2045	24.3305	0.0410	37.3947	2.7275	40.1222	12.0177	2.5213	14.5390		4,113.0724	4,113.0724	1.2196		4,143.5619

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	0.0260	1.2483	0.1778	1.3900e-003	6.8374	1.2900e-003	6.8387	0.6826	1.2300e-003	0.6838		150.7057	150.7057	0.0273		151.3883
Vendor	0.0884	1.9723	0.5278	5.3200e-003	0.1480	0.0217	0.1698	0.0426	0.0208	0.0634		568.5882	568.5882	0.0348		569.4575
Worker	0.1622	0.1281	1.4137	3.9500e-003	0.3649	2.5000e-003	0.3674	0.0968	2.3000e-003	0.0991		393.7745	393.7745	0.0130		394.0996
Total	0.2767	3.3487	2.1193	0.0107	7.3503	0.0255	7.3759	0.8219	0.0243	0.8463		1,113.0684	1,113.0684	0.0751		1,114.9455

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					14.5840	0.0000	14.5840	4.6869	0.0000	4.6869			0.0000			0.0000
Off-Road	0.4953	2.1463	22.7014	0.0410		0.0660	0.0660		0.0660	0.0660	0.0000	4,113.0724	4,113.0724	1.2196		4,143.5619
Total	0.4953	2.1463	22.7014	0.0410	14.5840	0.0660	14.6500	4.6869	0.0660	4.7529	0.0000	4,113.0724	4,113.0724	1.2196		4,143.5619

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	0.0260	1.2483	0.1778	1.3900e-003	4.1867	1.2900e-003	4.1880	0.4175	1.2300e-003	0.4188		150.7057	150.7057	0.0273		151.3883

Vendor	0.0884	1.9723	0.5278	5.3200e-003	0.1480	0.0217	0.1698	0.0426	0.0208	0.0634		568.5882	568.5882	0.0348		569.4575
Worker	0.1622	0.1281	1.4137	3.9500e-003	0.3649	2.5000e-003	0.3674	0.0968	2.3000e-003	0.0991		393.7745	393.7745	0.0130		394.0996
Total	0.2767	3.3487	2.1193	0.0107	4.6996	0.0255	4.7251	0.5569	0.0243	0.5812		1,113.0684	1,113.0684	0.0751		1,114.9455

3.3 P1 Grading - 2018

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					1.0396	0.0000	1.0396	0.1282	0.0000	0.1282			0.0000			0.0000
Off-Road	22.9105	293.4852	141.7841	0.3887		10.7742	10.7742		9.9123	9.9123		39,105.9821	39,105.9821	12.1742		39,410.3377
Total	22.9105	293.4852	141.7841	0.3887	1.0396	10.7742	11.8138	0.1282	9.9123	10.0404		39,105.9821	39,105.9821	12.1742		39,410.3377

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	0.7297	35.0345	4.9909	0.0390	590.8874	0.0361	590.9235	58.9721	0.0346	59.0067		4,229.6388	4,229.6388	0.7663		4,248.7964
Vendor	0.3979	8.8753	2.3749	0.0239	0.6661	0.0978	0.7639	0.1916	0.0936	0.2851		2,558.6470	2,558.6470	0.1565		2,562.5589
Worker	1.0139	0.8008	8.8358	0.0247	2.2806	0.0156	2.2962	0.6048	0.0144	0.6192		2,461.0904	2,461.0904	0.0813		2,463.1223
Total	2.1415	44.7106	16.2015	0.0877	593.8341	0.1496	593.9836	59.7685	0.1425	59.9110		9,249.3762	9,249.3762	1.0041		9,274.4777

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					0.4055	0.0000	0.4055	0.0500	0.0000	0.0500			0.0000			0.0000
Off-Road	4.7961	20.7832	185.6986	0.3887		0.6395	0.6395		0.6395	0.6395	0.0000	39,105.9821	39,105.9821	12.1742		39,410.3377
Total	4.7961	20.7832	185.6986	0.3887	0.4055	0.6395	1.0449	0.0500	0.6395	0.6895	0.0000	39,105.9821	39,105.9821	12.1742		39,410.3377

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	0.7297	35.0345	4.9909	0.0390	361.7834	0.0361	361.8195	36.0617	0.0346	36.0963		4,229.6388	4,229.6388	0.7663		4,248.7964
Vendor	0.3979	8.8753	2.3749	0.0239	0.6661	0.0978	0.7639	0.1916	0.0936	0.2851		2,558.6470	2,558.6470	0.1565		2,562.5589
Worker	1.0139	0.8008	8.8358	0.0247	2.2806	0.0156	2.2962	0.6048	0.0144	0.6192		2,461.0904	2,461.0904	0.0813		2,463.1223
Total	2.1415	44.7106	16.2015	0.0877	364.7301	0.1496	364.8796	36.8581	0.1425	37.0006		9,249.3762	9,249.3762	1.0041		9,274.4777

3.3 P1 Grading - 2019

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					1.0396	0.0000	1.0396	0.1282	0.0000	0.1282			0.0000			0.0000
Off-Road	21.3760	266.7658	136.0700	0.3883		9.7440	9.7440		8.9645	8.9645		38,433.5284	38,433.5284	12.1600		38,737.5274
Total	21.3760	266.7658	136.0700	0.3883	1.0396	9.7440	10.7837	0.1282	8.9645	9.0927		38,433.5284	38,433.5284	12.1600		38,737.5274

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	0.6786	33.9877	4.6721	0.0389	545.5824	0.0321	545.6145	54.4513	0.0308	54.4820		4,222.0353	4,222.0353	0.7313		4,240.3187
Vendor	0.3531	8.2113	2.1871	0.0237	0.6661	0.0818	0.7478	0.1916	0.0782	0.2698		2,537.5023	2,537.5023	0.1528		2,541.3215
Worker	0.9360	0.7165	7.9882	0.0240	2.2806	0.0155	2.2961	0.6048	0.0142	0.6190		2,386.8640	2,386.8640	0.0736		2,388.7048
Total	1.9678	42.9155	14.8473	0.0865	548.5291	0.1294	548.6584	55.2476	0.1232	55.3708		9,146.4016	9,146.4016	0.9577		9,170.3451

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					0.4055	0.0000	0.4055	0.0500	0.0000	0.0500			0.0000			0.0000
Off-Road	4.7961	20.7832	185.6986	0.3883		0.6395	0.6395		0.6395	0.6395	0.0000	38,433.5283	38,433.5283	12.1600		38,737.5274

Total	4.7961	20.7832	185.6986	0.3883	0.4055	0.6395	1.0449	0.0500	0.6395	0.6895	0.0000	38,433.5283	38,433.5283	12.1600		38,737.5274

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	0.6786	33.9877	4.6721	0.0389	334.0454	0.0321	334.0776	33.2976	0.0308	33.3283		4,222.0353	4,222.0353	0.7313		4,240.3187
Vendor	0.3531	8.2113	2.1871	0.0237	0.6661	0.0818	0.7478	0.1916	0.0782	0.2698		2,537.5023	2,537.5023	0.1528		2,541.3215
Worker	0.9360	0.7165	7.9882	0.0240	2.2806	0.0155	2.2961	0.6048	0.0142	0.6190		2,386.8640	2,386.8640	0.0736		2,388.7048
Total	1.9678	42.9155	14.8473	0.0865	336.9921	0.1294	337.1215	34.0939	0.1232	34.2171		9,146.4016	9,146.4016	0.9577		9,170.3451

3.3 P1 Grading - 2020

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					1.0396	0.0000	1.0396	0.1282	0.0000	0.1282			0.0000			0.0000
Off-Road	20.3778	247.8385	131.8979	0.3887		9.0227	9.0227		8.3009	8.3009		37,634.3786	37,634.3786	12.1717		37,938.6716
Total	20.3778	247.8385	131.8979	0.3887	1.0396	9.0227	10.0623	0.1282	8.3009	8.4290		37,634.3786	37,634.3786	12.1717		37,938.6716

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	0.6027	32.7510	4.3399	0.0389	592.9390	0.0227	592.9617	59.1769	0.0218	59.1986		4,232.9836	4,232.9836	0.6779		4,249.9310
Vendor	0.2792	7.2372	1.9498	0.0235	0.6660	0.0522	0.7182	0.1916	0.0499	0.2415		2,516.5494	2,516.5494	0.1470		2,520.2240
Worker	0.8762	0.6472	7.3241	0.0232	2.2806	0.0152	2.2958	0.6048	0.0140	0.6188		2,311.4716	2,311.4716	0.0667		2,313.1396
Total	1.7581	40.6354	13.6138	0.0855	595.8856	0.0901	595.9758	59.9732	0.0857	60.0589		9,061.0046	9,061.0046	0.8916		9,083.2946

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					0.4055	0.0000	0.4055	0.0500	0.0000	0.0500			0.0000			0.0000
Off-Road	4.7961	20.7832	185.6986	0.3887		0.6395	0.6395		0.6395	0.6395	0.0000	37,634.3786	37,634.3786	12.1717		37,938.6716
Total	4.7961	20.7832	185.6986	0.3887	0.4055	0.6395	1.0449	0.0500	0.6395	0.6895	0.0000	37,634.3786	37,634.3786	12.1717		37,938.6716

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	0.6027	32.7510	4.3399	0.0389	363.0395	0.0227	363.0622	36.1869	0.0218	36.2087		4,232.9836	4,232.9836	0.6779		4,249.9310
Vendor	0.2792	7.2372	1.9498	0.0235	0.6660	0.0522	0.7182	0.1916	0.0499	0.2415		2,516.5494	2,516.5494	0.1470		2,520.2240
Worker	0.8762	0.6472	7.3241	0.0232	2.2806	0.0152	2.2958	0.6048	0.0140	0.6188		2,311.4716	2,311.4716	0.0667		2,313.1396
Total	1.7581	40.6354	13.6138	0.0855	365.9861	0.0901	366.0763	36.9832	0.0857	37.0689		9,061.0046	9,061.0046	0.8916		9,083.2946

3.4 P1 Building Construction - 2020

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	8.8098	89.7617	65.1282	0.1234		4.6539	4.6539		4.4072	4.4072		11,841.9143	11,841.9143	2.4986		11,904.3782
Total	8.8098	89.7617	65.1282	0.1234		4.6539	4.6539		4.4072	4.4072		11,841.9143	11,841.9143	2.4986		11,904.3782

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	0.3102	8.0414	2.1665	0.0261	0.7401	0.0580	0.7980	0.2128	0.0555	0.2683		2,796.1660	2,796.1660	0.1633		2,800.2489
Worker	4.6731	3.4517	39.0617	0.1237	12.1633	0.0812	12.2444	3.2254	0.0748	3.3002		12,327.8483	12,327.8483	0.3559		12,336.7447
Total	4.9833	11.4931	41.2281	0.1497	12.9034	0.1392	13.0425	3.4382	0.1303	3.5685		15,124.0143	15,124.0143	0.5192		15,136.9936

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	1.3960	6.0492	71.9062	0.1234		0.1861	0.1861		0.1861	0.1861	0.0000	11,841.9143	11,841.9143	2.4986		11,904.3782
Total	1.3960	6.0492	71.9062	0.1234		0.1861	0.1861		0.1861	0.1861	0.0000	11,841.9143	11,841.9143	2.4986		11,904.3782

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	0.3102	8.0414	2.1665	0.0261	0.7401	0.0580	0.7980	0.2128	0.0555	0.2683		2,796.1660	2,796.1660	0.1633		2,800.2489
Worker	4.6731	3.4517	39.0617	0.1237	12.1633	0.0812	12.2444	3.2254	0.0748	3.3002		12,327.8483	12,327.8483	0.3559		12,336.7447
Total	4.9833	11.4931	41.2281	0.1497	12.9034	0.1392	13.0425	3.4382	0.1303	3.5685		15,124.0143	15,124.0143	0.5192		15,136.9936

3.4 P1 Building Construction - 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					
Off-Road	7.9462	81.1402	63.7242	0.1234		4.0336	4.0336		3.8183	3.8183		11,842.0336	11,842.0336	2.4723		11,903.8407
Total	7.9462	81.1402	63.7242	0.1234		4.0336	4.0336		3.8183	3.8183		11,842.0336	11,842.0336	2.4723		11,903.8407

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	0.2404	6.9939	1.9397	0.0258	0.7401	0.0217	0.7617	0.2128	0.0207	0.2336		2,770.7351	2,770.7351	0.1581		2,774.6887
Worker	4.4149	3.1413	36.6170	0.1195	12.1633	0.0799	12.2432	3.2254	0.0736	3.2990		11,913.4175	11,913.4175	0.3291		11,921.6441
Total	4.6553	10.1351	38.5566	0.1453	12.9034	0.1016	13.0049	3.4382	0.0943	3.5325		14,684.1526	14,684.1526	0.4872		14,696.3329

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	1.3960	6.0492	71.9062	0.1234		0.1861	0.1861		0.1861	0.1861	0.0000	11,842.0336	11,842.0336	2.4723		11,903.8407

Total	1.3960	6.0492	71.9062	0.1234		0.1861	0.1861		0.1861	0.1861	0.0000	11,842.0336	11,842.0336	2.4723		11,903.8407

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	0.2404	6.9939	1.9397	0.0258	0.7401	0.0217	0.7617	0.2128	0.0207	0.2336		2,770.7351	2,770.7351	0.1581		2,774.6887
Worker	4.4149	3.1413	36.6170	0.1195	12.1633	0.0799	12.2432	3.2254	0.0736	3.2990		11,913.4175	11,913.4175	0.3291		11,921.6441
Total	4.6553	10.1351	38.5566	0.1453	12.9034	0.1016	13.0049	3.4382	0.0943	3.5325		14,684.1526	14,684.1526	0.4872		14,696.3329

3.4 P1 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	7.1914	72.0420	62.7280	0.1235		3.4846	3.4846		3.2999	3.2999		11,844.1218	11,844.1218	2.4554		11,905.5072
Total	7.1914	72.0420	62.7280	0.1235		3.4846	3.4846		3.2999	3.2999		11,844.1218	11,844.1218	2.4554		11,905.5072

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	0.2245	6.4882	1.8585	0.0255	0.7401	0.0187	0.7587	0.2128	0.0179	0.2307		2,744.1780	2,744.1780	0.1556		2,748.0679
Worker	4.1835	2.8678	34.0849	0.1151	12.1633	0.0781	12.2414	3.2254	0.0719	3.2973		11,475.8853	11,475.8853	0.3019		11,483.4317
Total	4.4080	9.3559	35.9434	0.1406	12.9034	0.0968	13.0001	3.4382	0.0898	3.5280		14,220.0633	14,220.0633	0.4575		14,231.4996

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	1.3960	6.0492	71.9062	0.1235		0.1861	0.1861		0.1861	0.1861	0.0000	11,844.1218	11,844.1218	2.4554		11,905.5072
Total	1.3960	6.0492	71.9062	0.1235		0.1861	0.1861		0.1861	0.1861	0.0000	11,844.1218	11,844.1218	2.4554		11,905.5072

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	0.2245	6.4882	1.8585	0.0255	0.7401	0.0187	0.7587	0.2128	0.0179	0.2307		2,744.1780	2,744.1780	0.1556		2,748.0679
Worker	4.1835	2.8678	34.0849	0.1151	12.1633	0.0781	12.2414	3.2254	0.0719	3.2973		11,475.8853	11,475.8853	0.3019		11,483.4317
Total	4.4080	9.3559	35.9434	0.1406	12.9034	0.0968	13.0001	3.4382	0.0898	3.5280		14,220.0633	14,220.0633	0.4575		14,231.4996

3.4 P1 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	6.6840	66.0689	62.1139	0.1235		3.0785	3.0785		2.9143	2.9143		11,845.3831	11,845.3831	2.4383		11,906.3402
Total	6.6840	66.0689	62.1139	0.1235		3.0785	3.0785		2.9143	2.9143		11,845.3831	11,845.3831	2.4383		11,906.3402

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	0.1708	4.7114	1.7140	0.0248	0.7400	8.8600e-003	0.7489	0.2128	8.4700e-003	0.2213		2,678.7427	2,678.7427	0.1480		2,682.4429
Worker	3.9701	2.6214	31.6888	0.1107	12.1633	0.0765	12.2398	3.2254	0.0705	3.2959		11,036.7852	11,036.7852	0.2765		11,043.6967
Total	4.1408	7.3328	33.4029	0.1355	12.9033	0.0854	12.9887	3.4382	0.0790	3.5172		13,715.5279	13,715.5279	0.4245		13,726.1396

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	1.3960	6.0492	71.9062	0.1235		0.1861	0.1861		0.1861	0.1861	0.0000	11,845.3831	11,845.3831	2.4383		11,906.3402
Total	1.3960	6.0492	71.9062	0.1235		0.1861	0.1861		0.1861	0.1861	0.0000	11,845.3831	11,845.3831	2.4383		11,906.3402

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	0.1708	4.7114	1.7140	0.0248	0.7400	8.8600e-003	0.7489	0.2128	8.4700e-003	0.2213		2,678.7427	2,678.7427	0.1480		2,682.4429
Worker	3.9701	2.6214	31.6888	0.1107	12.1633	0.0765	12.2398	3.2254	0.0705	3.2959		11,036.7852	11,036.7852	0.2765		11,043.6967
Total	4.1408	7.3328	33.4029	0.1355	12.9033	0.0854	12.9887	3.4382	0.0790	3.5172		13,715.5279	13,715.5279	0.4245		13,726.1396

3.4 P1 Building Construction - 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	6.2636	61.2519	61.5656	0.1235		2.7263	2.7263		2.5791	2.5791		11,846.0489	11,846.0489	2.4210		11,906.5728
Total	6.2636	61.2519	61.5656	0.1235		2.7263	2.7263		2.5791	2.5791		11,846.0489	11,846.0489	2.4210		11,906.5728

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	0.1661	4.6272	1.6821	0.0247	0.7400	8.7100e-003	0.7488	0.2128	8.3300e-003	0.2212		2,664.1384	2,664.1384	0.1482		2,667.8435
Worker	3.7795	2.4069	29.6510	0.1063	12.1633	0.0751	12.2384	3.2254	0.0691	3.2945		10,601.5939	10,601.5939	0.2543		10,607.9511
Total	3.9457	7.0341	31.3331	0.1310	12.9033	0.0838	12.9871	3.4382	0.0775	3.5157		13,265.7323	13,265.7323	0.4025		13,275.7946

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	1.3960	6.0492	71.9062	0.1235		0.1861	0.1861		0.1861	0.1861	0.0000	11,846.0489	11,846.0489	2.4210		11,906.5728

Total	1.3960	6.0492	71.9062	0.1235		0.1861	0.1861		0.1861	0.1861	0.0000	11,846.0489	11,846.0489	2.4210		11,906.5728

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	0.1661	4.6272	1.6821	0.0247	0.7400	8.7100e-003	0.7488	0.2128	8.3300e-003	0.2212		2,664.1384	2,664.1384	0.1482		2,667.8435
Worker	3.7795	2.4069	29.6510	0.1063	12.1633	0.0751	12.2384	3.2254	0.0691	3.2945		10,601.5939	10,601.5939	0.2543		10,607.9511
Total	3.9457	7.0341	31.3331	0.1310	12.9033	0.0838	12.9871	3.4382	0.0775	3.5157		13,265.7323	13,265.7323	0.4025		13,275.7946

3.5 P1 Trenching - 2018

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	2.7014	27.1752	25.2020	0.0351		1.7862	1.7862		1.6433	1.6433		3,536.4295	3,536.4295	1.1009		3,563.9530
Total	2.7014	27.1752	25.2020	0.0351		1.7862	1.7862		1.6433	1.6433		3,536.4295	3,536.4295	1.1009		3,563.9530

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	0.3537	7.8892	2.1110	0.0213	0.5921	0.0870	0.6790	0.1703	0.0832	0.2535		2,274.3529	2,274.3529	0.1391		2,277.8302
Worker	0.5272	0.4164	4.5946	0.0129	1.1859	8.1200e-003	1.1940	0.3145	7.4800e-003	0.3220		1,279.7670	1,279.7670	0.0423		1,280.8236
Total	0.8809	8.3056	6.7056	0.0341	1.7780	0.0951	1.8730	0.4848	0.0907	0.5754		3,554.1199	3,554.1199	0.1814		3,558.6538

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	0.4303	1.8647	26.5358	0.0351		0.0574	0.0574		0.0574	0.0574	0.0000	3,536.4295	3,536.4295	1.1009		3,563.9530
Total	0.4303	1.8647	26.5358	0.0351		0.0574	0.0574		0.0574	0.0574	0.0000	3,536.4295	3,536.4295	1.1009		3,563.9530

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	0.3537	7.8892	2.1110	0.0213	0.5921	0.0870	0.6790	0.1703	0.0832	0.2535		2,274.3529	2,274.3529	0.1391		2,277.8302
Worker	0.5272	0.4164	4.5946	0.0129	1.1859	8.1200e-003	1.1940	0.3145	7.4800e-003	0.3220		1,279.7670	1,279.7670	0.0423		1,280.8236
Total	0.8809	8.3056	6.7056	0.0341	1.7780	0.0951	1.8730	0.4848	0.0907	0.5754		3,554.1199	3,554.1199	0.1814		3,558.6538

3.5 P1 Trenching - 2019

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	2.3790	24.0137	24.9058	0.0351		1.5032	1.5032		1.3830	1.3830		3,477.7230	3,477.7230	1.1003		3,505.2308
Total	2.3790	24.0137	24.9058	0.0351		1.5032	1.5032		1.3830	1.3830		3,477.7230	3,477.7230	1.1003		3,505.2308

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	0.3139	7.2989	1.9441	0.0211	0.5920	0.0727	0.6647	0.1703	0.0695	0.2398		2,255.5576	2,255.5576	0.1358		2,258.9525
Worker	0.4867	0.3726	4.1538	0.0125	1.1859	8.0400e-003	1.1940	0.3145	7.4100e-003	0.3219		1,241.1693	1,241.1693	0.0383		1,242.1265
Total	0.8006	7.6715	6.0979	0.0335	1.7780	0.0807	1.8587	0.4848	0.0769	0.5617		3,496.7269	3,496.7269	0.1741		3,501.0790

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	0.4303	1.8647	26.5358	0.0351		0.0574	0.0574		0.0574	0.0574	0.0000	3,477.7230	3,477.7230	1.1003		3,505.2308
Total	0.4303	1.8647	26.5358	0.0351		0.0574	0.0574		0.0574	0.0574	0.0000	3,477.7230	3,477.7230	1.1003		3,505.2308

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	0.3139	7.2989	1.9441	0.0211	0.5920	0.0727	0.6647	0.1703	0.0695	0.2398		2,255.5576	2,255.5576	0.1358		2,258.9525
Worker	0.4867	0.3726	4.1538	0.0125	1.1859	8.0400e-003	1.1940	0.3145	7.4100e-003	0.3219		1,241.1693	1,241.1693	0.0383		1,242.1265
Total	0.8006	7.6715	6.0979	0.0335	1.7780	0.0807	1.8587	0.4848	0.0769	0.5617		3,496.7269	3,496.7269	0.1741		3,501.0790

3.5 P1 Trenching - 2020

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	2.1616	21.6223	24.7319	0.0351		1.2955	1.2955		1.1919	1.1919		3,401.6314	3,401.6314	1.1002		3,429.1354
Total	2.1616	21.6223	24.7319	0.0351		1.2955	1.2955		1.1919	1.1919		3,401.6314	3,401.6314	1.1002		3,429.1354

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	0.2482	6.4331	1.7332	0.0209	0.5920	0.0464	0.6384	0.1703	0.0444	0.2147		2,236.9328	2,236.9328	0.1307		2,240.1991
Worker	0.4556	0.3365	3.8085	0.0121	1.1859	7.9100e-003	1.1938	0.3145	7.2900e-003	0.3218		1,201.9652	1,201.9652	0.0347		1,202.8326
Total	0.7038	6.7696	5.5417	0.0329	1.7780	0.0543	1.8323	0.4848	0.0517	0.5364		3,438.8980	3,438.8980	0.1654		3,443.0317

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	0.4303	1.8647	26.5358	0.0351		0.0574	0.0574		0.0574	0.0574	0.0000	3,401.6314	3,401.6314	1.1002		3,429.1353

Total	0.4303	1.8647	26.5358	0.0351		0.0574	0.0574		0.0574	0.0574	0.0000	3,401.6314	3,401.6314	1.1002		3,429.1353

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	0.2482	6.4331	1.7332	0.0209	0.5920	0.0464	0.6384	0.1703	0.0444	0.2147		2,236.9328	2,236.9328	0.1307		2,240.1991
Worker	0.4556	0.3365	3.8085	0.0121	1.1859	7.9100e-003	1.1938	0.3145	7.2900e-003	0.3218		1,201.9652	1,201.9652	0.0347		1,202.8326
Total	0.7038	6.7696	5.5417	0.0329	1.7780	0.0543	1.8323	0.4848	0.0517	0.5364		3,438.8980	3,438.8980	0.1654		3,443.0317

3.5 P1 Trenching - 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					
Off-Road	1.9528	19.4333	24.5849	0.0351		1.1005	1.1005		1.0125	1.0125		3,402.8275	3,402.8275	1.1005		3,430.3411
Total	1.9528	19.4333	24.5849	0.0351		1.1005	1.1005		1.0125	1.0125		3,402.8275	3,402.8275	1.1005		3,430.3411

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	0.1923	5.5951	1.5517	0.0206	0.5920	0.0173	0.6094	0.1703	0.0166	0.1869		2,216.5881	2,216.5881	0.1265		2,219.7510
Worker	0.4305	0.3063	3.5702	0.0117	1.1859	7.7900e-003	1.1937	0.3145	7.1700e-003	0.3217		1,161.5582	1,161.5582	0.0321		1,162.3603
Total	0.6227	5.9014	5.1219	0.0323	1.7780	0.0251	1.8031	0.4848	0.0238	0.5085		3,378.1463	3,378.1463	0.1586		3,382.1113

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	0.4303	1.8647	26.5358	0.0351		0.0574	0.0574		0.0574	0.0574	0.0000	3,402.8275	3,402.8275	1.1005		3,430.3411
Total	0.4303	1.8647	26.5358	0.0351		0.0574	0.0574		0.0574	0.0574	0.0000	3,402.8275	3,402.8275	1.1005		3,430.3411

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	0.1923	5.5951	1.5517	0.0206	0.5920	0.0173	0.6094	0.1703	0.0166	0.1869		2,216.5881	2,216.5881	0.1265		2,219.7510
Worker	0.4305	0.3063	3.5702	0.0117	1.1859	7.7900e-003	1.1937	0.3145	7.1700e-003	0.3217		1,161.5582	1,161.5582	0.0321		1,162.3603
Total	0.6227	5.9014	5.1219	0.0323	1.7780	0.0251	1.8031	0.4848	0.0238	0.5085		3,378.1463	3,378.1463	0.1586		3,382.1113

3.6 P1 Architectural Coating - 2020

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	17.4432					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	4.8435	33.6768	36.6284	0.0594		2.2187	2.2187		2.2187	2.2187		5,628.9610	5,628.9610	0.4358		5,639.8564
Total	22.2867	33.6768	36.6284	0.0594		2.2187	2.2187		2.2187	2.2187		5,628.9610	5,628.9610	0.4358		5,639.8564

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	0.0620	1.6083	0.4333	5.2100e-003	0.1480	0.0116	0.1596	0.0426	0.0111	0.0537		559.2332	559.2332	0.0327		560.0498
Worker	0.9346	0.6903	7.8123	0.0247	2.4327	0.0162	2.4489	0.6451	0.0150	0.6600		2,465.5697	2,465.5697	0.0712		2,467.3489
Total	0.9967	2.2986	8.2456	0.0300	2.5807	0.0278	2.6085	0.6877	0.0261	0.7137		3,024.8029	3,024.8029	0.1038		3,027.3987

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	17.4432					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5943	2.5753	36.6482	0.0594		0.0792	0.0792		0.0792	0.0792	0.0000	5,628.9610	5,628.9610	0.4358		5,639.8564
Total	18.0375	2.5753	36.6482	0.0594		0.0792	0.0792		0.0792	0.0792	0.0000	5,628.9610	5,628.9610	0.4358		5,639.8564

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	0.0620	1.6083	0.4333	5.2100e-003	0.1480	0.0116	0.1596	0.0426	0.0111	0.0537		559.2332	559.2332	0.0327		560.0498
Worker	0.9346	0.6903	7.8123	0.0247	2.4327	0.0162	2.4489	0.6451	0.0150	0.6600		2,465.5697	2,465.5697	0.0712		2,467.3489
Total	0.9967	2.2986	8.2456	0.0300	2.5807	0.0278	2.6085	0.6877	0.0261	0.7137		3,024.8029	3,024.8029	0.1038		3,027.3987

3.6 P1 Architectural Coating - 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					
Archit. Coating	17.4432					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	4.3780	30.5369	36.3511	0.0594		1.8819	1.8819		1.8819	1.8819		5,628.9610	5,628.9610	0.3863		5,638.6183
Total	21.8211	30.5369	36.3511	0.0594		1.8819	1.8819		1.8819	1.8819		5,628.9610	5,628.9610	0.3863		5,638.6183

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	0.0481	1.3988	0.3879	5.1600e-003	0.1480	4.3300e-003	0.1523	0.0426	4.1400e-003	0.0467		554.1470	554.1470	0.0316		554.9378
Worker	0.8830	0.6283	7.3234	0.0239	2.4327	0.0160	2.4486	0.6451	0.0147	0.6598		2,382.6835	2,382.6835	0.0658		2,384.3288
Total	0.9311	2.0270	7.7113	0.0291	2.5807	0.0203	2.6010	0.6877	0.0189	0.7065		2,936.8305	2,936.8305	0.0974		2,939.2666

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	17.4432					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Off-Road	0.5943	2.5753	36.6482	0.0594		0.0792	0.0792		0.0792	0.0792	0.0000	5,628.9610	5,628.9610	0.3863		5,638.6183
Total	18.0375	2.5753	36.6482	0.0594		0.0792	0.0792		0.0792	0.0792	0.0000	5,628.9610	5,628.9610	0.3863		5,638.6183

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	0.0481	1.3988	0.3879	5.1600e-003	0.1480	4.3300e-003	0.1523	0.0426	4.1400e-003	0.0467		554.1470	554.1470	0.0316		554.9378
Worker	0.8830	0.6283	7.3234	0.0239	2.4327	0.0160	2.4486	0.6451	0.0147	0.6598		2,382.6835	2,382.6835	0.0658		2,384.3288
Total	0.9311	2.0270	7.7113	0.0291	2.5807	0.0203	2.6010	0.6877	0.0189	0.7065		2,936.8305	2,936.8305	0.0974		2,939.2666

3.6 P1 Architectural Coating - 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					
Archit. Coating	17.4432					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	4.0907	28.1696	36.2719	0.0594		1.6343	1.6343		1.6343	1.6343		5,628.9610	5,628.9610	0.3665		5,638.1230
Total	21.5339	28.1696	36.2719	0.0594		1.6343	1.6343		1.6343	1.6343		5,628.9610	5,628.9610	0.3665		5,638.1230

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	0.0449	1.2976	0.3717	5.1000e-003	0.1480	3.7300e-003	0.1517	0.0426	3.5700e-003	0.0461		548.8356	548.8356	0.0311		549.6136
Worker	0.8367	0.5736	6.8170	0.0230	2.4327	0.0156	2.4483	0.6451	0.0144	0.6595		2,295.1771	2,295.1771	0.0604		2,296.6863
Total	0.8816	1.8712	7.1887	0.0281	2.5807	0.0194	2.6000	0.6877	0.0180	0.7056		2,844.0127	2,844.0127	0.0915		2,846.2999

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	17.4432					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5943	2.5753	36.6482	0.0594		0.0792	0.0792		0.0792	0.0792	0.0000	5,628.9610	5,628.9610	0.3665		5,638.1230
Total	18.0375	2.5753	36.6482	0.0594		0.0792	0.0792		0.0792	0.0792	0.0000	5,628.9610	5,628.9610	0.3665		5,638.1230

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	0.0449	1.2976	0.3717	5.1000e-003	0.1480	3.7300e-003	0.1517	0.0426	3.5700e-003	0.0461		548.8356	548.8356	0.0311		549.6136
Worker	0.8367	0.5736	6.8170	0.0230	2.4327	0.0156	2.4483	0.6451	0.0144	0.6595		2,295.1771	2,295.1771	0.0604		2,296.6863
Total	0.8816	1.8712	7.1887	0.0281	2.5807	0.0194	2.6000	0.6877	0.0180	0.7056		2,844.0127	2,844.0127	0.0915		2,846.2999

3.6 P1 Architectural Coating - 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					
Archit. Coating	17.4432					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	3.8332	26.0599	36.2223	0.0594		1.4164	1.4164		1.4164	1.4164		5,628.9610	5,628.9610	0.3368		5,637.3802
Total	21.2764	26.0599	36.2223	0.0594		1.4164	1.4164		1.4164	1.4164		5,628.9610	5,628.9610	0.3368		5,637.3802

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	0.0342	0.9423	0.3428	4.9700e-003	0.1480	1.7700e-003	0.1498	0.0426	1.6900e-003	0.0443		535.7485	535.7485	0.0296		536.4886
Worker	0.7940	0.5243	6.3378	0.0221	2.4327	0.0153	2.4480	0.6451	0.0141	0.6592		2,207.3570	2,207.3570	0.0553		2,208.7393
Total	0.8282	1.4666	6.6806	0.0271	2.5807	0.0171	2.5978	0.6877	0.0158	0.7034		2,743.1056	2,743.1056	0.0849		2,745.2279

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	17.4432					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5943	2.5753	36.6482	0.0594		0.0792	0.0792		0.0792	0.0792	0.0000	5,628.9610	5,628.9610	0.3368		5,637.3802
Total	18.0375	2.5753	36.6482	0.0594		0.0792	0.0792		0.0792	0.0792	0.0000	5,628.9610	5,628.9610	0.3368		5,637.3802

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	0.0342	0.9423	0.3428	4.9700e-003	0.1480	1.7700e-003	0.1498	0.0426	1.6900e-003	0.0443		535.7485	535.7485	0.0296		536.4886
Worker	0.7940	0.5243	6.3378	0.0221	2.4327	0.0153	2.4480	0.6451	0.0141	0.6592		2,207.3570	2,207.3570	0.0553		2,208.7393
Total	0.8282	1.4666	6.6806	0.0271	2.5807	0.0171	2.5978	0.6877	0.0158	0.7034		2,743.1056	2,743.1056	0.0849		2,745.2279

3.6 P1 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	17.4432					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	3.6153	24.3760	36.2025	0.0594		1.2183	1.2183		1.2183	1.2183		5,628.9610	5,628.9610	0.3170		5,636.8849
Total	21.0585	24.3760	36.2025	0.0594		1.2183	1.2183		1.2183	1.2183		5,628.9610	5,628.9610	0.3170		5,636.8849

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	0.0332	0.9254	0.3364	4.9300e-003	0.1480	1.7400e-003	0.1498	0.0426	1.6700e-003	0.0442		532.8277	532.8277	0.0296		533.5687
Worker	0.7559	0.4814	5.9302	0.0213	2.4327	0.0150	2.4477	0.6451	0.0138	0.6589		2,120.3188	2,120.3188	0.0509		2,121.5902
Total	0.7891	1.4068	6.2666	0.0262	2.5807	0.0168	2.5974	0.6877	0.0155	0.7031		2,653.1465	2,653.1465	0.0805		2,655.1589

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	17.4432					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Off-Road	0.5943	2.5753	36.6482	0.0594		0.0792	0.0792		0.0792	0.0792	0.0000	5,628.9610	5,628.9610	0.3170		5,636.8849
Total	18.0375	2.5753	36.6482	0.0594		0.0792	0.0792		0.0792	0.0792	0.0000	5,628.9610	5,628.9610	0.3170		5,636.8849

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	0.0332	0.9254	0.3364	4.9300e-003	0.1480	1.7400e-003	0.1498	0.0426	1.6700e-003	0.0442		532.8277	532.8277	0.0296		533.5687
Worker	0.7559	0.4814	5.9302	0.0213	2.4327	0.0150	2.4477	0.6451	0.0138	0.6589		2,120.3188	2,120.3188	0.0509		2,121.5902
Total	0.7891	1.4068	6.2666	0.0262	2.5807	0.0168	2.5974	0.6877	0.0155	0.7031		2,653.1465	2,653.1465	0.0805		2,655.1589

3.7 P1 Paving - 2019

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	3.9982	44.9729	34.4606	0.0574		2.1468	2.1468		1.9750	1.9750		5,678.4053	5,678.4053	1.7966		5,723.3200
Paving	0.3041					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	4.3022	44.9729	34.4606	0.0574		2.1468	2.1468		1.9750	1.9750		5,678.4053	5,678.4053	1.7966		5,723.3200

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	0.1962	4.5618	1.2150	0.0132	0.3700	0.0454	0.4155	0.1064	0.0435	0.1499		1,409.7235	1,409.7235	0.0849		1,411.8453
Worker	0.2246	0.1720	1.9172	5.7500e-003	0.5474	3.7100e-003	0.5511	0.1451	3.4200e-003	0.1486		572.8474	572.8474	0.0177		573.2892
Total	0.4208	4.7338	3.1322	0.0189	0.9174	0.0491	0.9665	0.2516	0.0469	0.2984		1,982.5709	1,982.5709	0.1025		1,985.1344

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	0.7052	3.0559	34.1205	0.0574		0.0940	0.0940		0.0940	0.0940	0.0000	5,678.4053	5,678.4053	1.7966		5,723.3200
Paving	0.3041					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0093	3.0559	34.1205	0.0574		0.0940	0.0940		0.0940	0.0940	0.0000	5,678.4053	5,678.4053	1.7966		5,723.3200

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	0.1962	4.5618	1.2150	0.0132	0.3700	0.0454	0.4155	0.1064	0.0435	0.1499		1,409.7235	1,409.7235	0.0849		1,411.8453
Worker	0.2246	0.1720	1.9172	5.7500e-003	0.5474	3.7100e-003	0.5511	0.1451	3.4200e-003	0.1486		572.8474	572.8474	0.0177		573.2892
Total	0.4208	4.7338	3.1322	0.0189	0.9174	0.0491	0.9665	0.2516	0.0469	0.2984		1,982.5709	1,982.5709	0.1025		1,985.1344

3.7 P1 Paving - 2020

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	3.7151	41.1513	33.1799	0.0574		1.9353	1.9353		1.7805	1.7805		5,554.3265	5,554.3265	1.7964		5,599.2361
Paving	0.3041					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	4.0191	41.1513	33.1799	0.0574		1.9353	1.9353		1.7805	1.7805		5,554.3265	5,554.3265	1.7964		5,599.2361

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	0.1551	4.0207	1.0832	0.0130	0.3700	0.0290	0.3990	0.1064	0.0277	0.1342		1,398.0830	1,398.0830	0.0817		1,400.1244
Worker	0.2103	0.1553	1.7578	5.5700e-003	0.5474	3.6500e-003	0.5510	0.1451	3.3600e-003	0.1485		554.7532	554.7532	0.0160		555.1535
Total	0.3654	4.1760	2.8410	0.0186	0.9174	0.0327	0.9500	0.2516	0.0311	0.2827		1,952.8362	1,952.8362	0.0977		1,955.2780

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	0.7052	3.0559	34.1205	0.0574		0.0940	0.0940		0.0940	0.0940	0.0000	5,554.3265	5,554.3265	1.7964		5,599.2361
Paving	0.3041					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0093	3.0559	34.1205	0.0574		0.0940	0.0940		0.0940	0.0940	0.0000	5,554.3265	5,554.3265	1.7964		5,599.2361

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	0.1551	4.0207	1.0832	0.0130	0.3700	0.0290	0.3990	0.1064	0.0277	0.1342		1,398.0830	1,398.0830	0.0817		1,400.1244
Worker	0.2103	0.1553	1.7578	5.5700e-003	0.5474	3.6500e-003	0.5510	0.1451	3.3600e-003	0.1485		554.7532	554.7532	0.0160		555.1535
Total	0.3654	4.1760	2.8410	0.0186	0.9174	0.0327	0.9500	0.2516	0.0311	0.2827		1,952.8362	1,952.8362	0.0977		1,955.2780

3.7 P1 Paving - 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					
Off-Road	3.4401	37.5371	32.2105	0.0574		1.7295	1.7295		1.5912	1.5912		5,556.1015	5,556.1015	1.7970		5,601.0254
Paving	0.3041					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	3.7441	37.5371	32.2105	0.0574		1.7295	1.7295		1.5912	1.5912		5,556.1015	5,556.1015	1.7970		5,601.0254

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	0.1202	3.4969	0.9698	0.0129	0.3700	0.0108	0.3809	0.1064	0.0104	0.1168		1,385.3676	1,385.3676	0.0791		1,387.3444
Worker	0.1987	0.1414	1.6478	5.3800e-003	0.5474	3.5900e-003	0.5509	0.1451	3.3100e-003	0.1485		536.1038	536.1038	0.0148		536.4740
Total	0.3189	3.6383	2.6176	0.0183	0.9174	0.0144	0.9318	0.2516	0.0137	0.2652		1,921.4714	1,921.4714	0.0939		1,923.8184

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	0.7052	3.0559	34.1205	0.0574		0.0940	0.0940		0.0940	0.0940	0.0000	5,556.1015	5,556.1015	1.7970		5,601.0254

Paving	0.3041					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0093	3.0559	34.1205	0.0574		0.0940	0.0940		0.0940	0.0940	0.0000	5,556.1015	5,556.1015	1.7970		5,601.0254

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	0.1202	3.4969	0.9698	0.0129	0.3700	0.0108	0.3809	0.1064	0.0104	0.1168		1,385.3676	1,385.3676	0.0791		1,387.3444
Worker	0.1987	0.1414	1.6478	5.3800e-003	0.5474	3.5900e-003	0.5509	0.1451	3.3100e-003	0.1485		536.1038	536.1038	0.0148		536.4740
Total	0.3189	3.6383	2.6176	0.0183	0.9174	0.0144	0.9318	0.2516	0.0137	0.2652		1,921.4714	1,921.4714	0.0939		1,923.8184

3.7 P1 Paving - 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	3.0370	32.0660	30.8300	0.0574		1.4489	1.4489		1.3330	1.3330		5,561.8324	5,561.8324	1.7988		5,606.8026
Paving	0.3041					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	3.3410	32.0660	30.8300	0.0574		1.4489	1.4489		1.3330	1.3330		5,561.8324	5,561.8324	1.7988		5,606.8026

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	0.1122	3.2441	0.9292	0.0128	0.3700	9.3400e-003	0.3794	0.1064	8.9300e-003	0.1154		1,372.0890	1,372.0890	0.0778		1,374.0340
Worker	0.1883	0.1291	1.5338	5.1800e-003	0.5474	3.5100e-003	0.5509	0.1451	3.2400e-003	0.1484		516.4148	516.4148	0.0136		516.7544
Total	0.3005	3.3731	2.4631	0.0179	0.9174	0.0129	0.9302	0.2516	0.0122	0.2637		1,888.5038	1,888.5038	0.0914		1,890.7884

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	0.7052	3.0559	34.1205	0.0574		0.0940	0.0940		0.0940	0.0940	0.0000	5,561.8323	5,561.8323	1.7988		5,606.8026
Paving	0.3041					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0093	3.0559	34.1205	0.0574		0.0940	0.0940		0.0940	0.0940	0.0000	5,561.8323	5,561.8323	1.7988		5,606.8026

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	0.1122	3.2441	0.9292	0.0128	0.3700	9.3400e-003	0.3794	0.1064	8.9300e-003	0.1154		1,372.0890	1,372.0890	0.0778		1,374.0340
Worker	0.1883	0.1291	1.5338	5.1800e-003	0.5474	3.5100e-003	0.5509	0.1451	3.2400e-003	0.1484		516.4148	516.4148	0.0136		516.7544
Total	0.3005	3.3731	2.4631	0.0179	0.9174	0.0129	0.9302	0.2516	0.0122	0.2637		1,888.5038	1,888.5038	0.0914		1,890.7884

3.8 P1 Brush Management - 2019

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	3.6084	34.4466	29.0306	0.0384		2.4389	2.4389		2.2438	2.2438		3,802.4262	3,802.4262	1.2031		3,832.5024
Total	3.6084	34.4466	29.0306	0.0384	0.0000	2.4389	2.4389	0.0000	2.2438	2.2438		3,802.4262	3,802.4262	1.2031		3,832.5024

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	0.2747	6.3865	1.7011	0.0184	0.5180	0.0636	0.5816	0.1490	0.0608	0.2098		1,973.6129	1,973.6129	0.1188		1,976.5834
Worker	1.1981	0.9171	10.2248	0.0307	2.9192	0.0198	2.9390	0.7741	0.0182	0.7923		3,055.1859	3,055.1859	0.0943		3,057.5422
Total	1.4728	7.3036	11.9259	0.0491	3.4372	0.0834	3.5206	0.9231	0.0791	1.0022		5,028.7988	5,028.7988	0.2131		5,034.1256

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4697	2.0356	28.9675	0.0384		0.0626	0.0626		0.0626	0.0626	0.0000	3,802.426 2	3,802.4262	1.2031		3,832.502 4
Total	0.4697	2.0356	28.9675	0.0384	0.0000	0.0626	0.0626	0.0000	0.0626	0.0626	0.0000	3,802.426 2	3,802.4262	1.2031		3,832.502 4

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	0.2747	6.3865	1.7011	0.0184	0.5180	0.0636	0.5816	0.1490	0.0608	0.2098		1,973.612 9	1,973.6129	0.1188		1,976.583 4
Worker	1.1981	0.9171	10.2248	0.0307	2.9192	0.0198	2.9390	0.7741	0.0182	0.7923		3,055.185 9	3,055.1859	0.0943		3,057.542 2
Total	1.4728	7.3036	11.9259	0.0491	3.4372	0.0834	3.5206	0.9231	0.0791	1.0022		5,028.798 8	5,028.7988	0.2131		5,034.125 6

3.8 P1 Brush Management - 2020

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	3.3634	32.1034	28.8355	0.0384		2.2076	2.2076		2.0310	2.0310		3,719.9326	3,719.9326	1.2031		3,750.0102
Total	3.3634	32.1034	28.8355	0.0384	0.0000	2.2076	2.2076	0.0000	2.0310	2.0310		3,719.9326	3,719.9326	1.2031		3,750.0102

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	0.2172	5.6290	1.5165	0.0182	0.5180	0.0406	0.5586	0.1490	0.0388	0.1878		1,957.3162	1,957.3162	0.1143		1,960.1742
Worker	1.1215	0.8284	9.3748	0.0297	2.9192	0.0195	2.9387	0.7741	0.0179	0.7920		2,958.6836	2,958.6836	0.0854		2,960.8187
Total	1.3387	6.4574	10.8913	0.0479	3.4372	0.0601	3.4973	0.9231	0.0568	0.9799		4,915.9998	4,915.9998	0.1997		4,920.9929

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000

Off-Road	0.4697	2.0356	28.9675	0.0384		0.0626	0.0626		0.0626	0.0626	0.0000	3,719.9326	3,719.9326	1.2031		3,750.0102
Total	0.4697	2.0356	28.9675	0.0384	0.0000	0.0626	0.0626	0.0000	0.0626	0.0626	0.0000	3,719.9326	3,719.9326	1.2031		3,750.0102

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	0.2172	5.6290	1.5165	0.0182	0.5180	0.0406	0.5586	0.1490	0.0388	0.1878		1,957.3162	1,957.3162	0.1143		1,960.1742
Worker	1.1215	0.8284	9.3748	0.0297	2.9192	0.0195	2.9387	0.7741	0.0179	0.7920		2,958.6836	2,958.6836	0.0854		2,960.8187
Total	1.3387	6.4574	10.8913	0.0479	3.4372	0.0601	3.4973	0.9231	0.0568	0.9799		4,915.9998	4,915.9998	0.1997		4,920.9929

3.8 P1 Brush Management - 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	3.0357	29.2850	28.5593	0.0384		1.9193	1.9193		1.7658	1.7658		3,721.4291	3,721.4291	1.2036		3,751.5187
Total	3.0357	29.2850	28.5593	0.0384	0.0000	1.9193	1.9193	0.0000	1.7658	1.7658		3,721.4291	3,721.4291	1.2036		3,751.5187

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	0.1683	4.8957	1.3578	0.0181	0.5180	0.0152	0.5332	0.1490	0.0145	0.1635		1,939.5146	1,939.5146	0.1107		1,942.2821
Worker	1.0596	0.7539	8.7881	0.0287	2.9192	0.0192	2.9384	0.7741	0.0177	0.7918		2,859.2202	2,859.2202	0.0790		2,861.1946
Total	1.2278	5.6496	10.1458	0.0467	3.4372	0.0343	3.4716	0.9231	0.0322	0.9553		4,798.7348	4,798.7348	0.1897		4,803.4767

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4697	2.0356	28.9675	0.0384		0.0626	0.0626		0.0626	0.0626	0.0000	3,721.4291	3,721.4291	1.2036		3,751.5187
Total	0.4697	2.0356	28.9675	0.0384	0.0000	0.0626	0.0626	0.0000	0.0626	0.0626	0.0000	3,721.4291	3,721.4291	1.2036		3,751.5187

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	0.1683	4.8957	1.3578	0.0181	0.5180	0.0152	0.5332	0.1490	0.0145	0.1635		1,939.5146	1,939.5146	0.1107		1,942.2821
Worker	1.0596	0.7539	8.7881	0.0287	2.9192	0.0192	2.9384	0.7741	0.0177	0.7918		2,859.2202	2,859.2202	0.0790		2,861.1946
Total	1.2278	5.6496	10.1458	0.0467	3.4372	0.0343	3.4716	0.9231	0.0322	0.9553		4,798.7348	4,798.7348	0.1897		4,803.4767

3.9 P1 Reservoirs - 2018

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	3.0382	28.7971	28.2185	0.0440		1.7603	1.7603		1.6824	1.6824		4,314.2425	4,314.2425	0.8961		4,336.6438
Total	3.0382	28.7971	28.2185	0.0440	0.0000	1.7603	1.7603	0.0000	1.6824	1.6824		4,314.2425	4,314.2425	0.8961		4,336.6438

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	0.0442	0.9862	0.2639	2.6600e-003	0.0740	0.0109	0.0849	0.0213	0.0104	0.0317		284.2941	284.2941	0.0174		284.7288
Worker	0.2974	0.2349	2.5918	7.2500e-003	0.6690	4.5800e-003	0.6736	0.1774	4.2200e-003	0.1816		721.9199	721.9199	0.0238		722.5159
Total	0.3416	1.2210	2.8557	9.9100e-003	0.7430	0.0155	0.7584	0.1987	0.0146	0.2133		1,006.2140	1,006.2140	0.0412		1,007.2447

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.5775	5.5434	30.5432	0.0440		0.0660	0.0660		0.0660	0.0660	0.0000	4,314.2425	4,314.2425	0.8961		4,336.6438
Total	0.5775	5.5434	30.5432	0.0440	0.0000	0.0660	0.0660	0.0000	0.0660	0.0660	0.0000	4,314.2425	4,314.2425	0.8961		4,336.6438

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	0.0442	0.9862	0.2639	2.6600e-003	0.0740	0.0109	0.0849	0.0213	0.0104	0.0317		284.2941	284.2941	0.0174		284.7288
Worker	0.2974	0.2349	2.5918	7.2500e-003	0.6690	4.5800e-003	0.6736	0.1774	4.2200e-003	0.1816		721.9199	721.9199	0.0238		722.5159
Total	0.3416	1.2210	2.8557	9.9100e-003	0.7430	0.0155	0.7584	0.1987	0.0146	0.2133		1,006.2140	1,006.2140	0.0412		1,007.2447

3.9 P1 Reservoirs - 2019

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	2.6872	26.0860	28.0052	0.0440		1.4981	1.4981		1.4325	1.4325		4,274.0259	4,274.0259	0.8793		4,296.0083
Total	2.6872	26.0860	28.0052	0.0440	0.0000	1.4981	1.4981	0.0000	1.4325	1.4325		4,274.0259	4,274.0259	0.8793		4,296.0083

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	0.0392	0.9124	0.2430	2.6300e-003	0.0740	9.0800e-003	0.0831	0.0213	8.6900e-003	0.0300		281.9447	281.9447	0.0170		282.3691
Worker	0.2746	0.2102	2.3432	7.0300e-003	0.6690	4.5300e-003	0.6735	0.1774	4.1800e-003	0.1816		700.1468	700.1468	0.0216		700.6868
Total	0.3138	1.1225	2.5862	9.6600e-003	0.7430	0.0136	0.7566	0.1987	0.0129	0.2116		982.0915	982.0915	0.0386		983.0558

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000

Off-Road	0.5775	5.5434	30.5432	0.0440		0.0660	0.0660		0.0660	0.0660	0.0000	4,274.0259	4,274.0259	0.8793		4,296.0083
Total	0.5775	5.5434	30.5432	0.0440	0.0000	0.0660	0.0660	0.0000	0.0660	0.0660	0.0000	4,274.0259	4,274.0259	0.8793		4,296.0083

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	0.0392	0.9124	0.2430	2.6300e-003	0.0740	9.0800e-003	0.0831	0.0213	8.6900e-003	0.0300		281.9447	281.9447	0.0170		282.3691
Worker	0.2746	0.2102	2.3432	7.0300e-003	0.6690	4.5300e-003	0.6735	0.1774	4.1800e-003	0.1816		700.1468	700.1468	0.0216		700.6868
Total	0.3138	1.1225	2.5862	9.6600e-003	0.7430	0.0136	0.7566	0.1987	0.0129	0.2116		982.0915	982.0915	0.0386		983.0558

3.10 P2 Site Preparation - 2020

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					0.4751	0.0000	0.4751	0.0513	0.0000	0.0513			0.0000			0.0000
Off-Road	2.7038	30.2901	16.3906	0.0367		1.3467	1.3467		1.2583	1.2583		3,540.8663	3,540.8663	0.9794		3,565.3508
Total	2.7038	30.2901	16.3906	0.0367	0.4751	1.3467	1.8218	0.0513	1.2583	1.3096		3,540.8663	3,540.8663	0.9794		3,565.3508

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	0.0227	1.1996	0.1652	1.5300e-003	33.9097	1.0000e-003	33.9107	3.3843	9.5000e-004	3.3853		166.6973	166.6973	0.0253		167.3284
Vendor	0.0620	1.6083	0.4333	5.2100e-003	0.1480	0.0116	0.1596	0.0426	0.0111	0.0537		559.2332	559.2332	0.0327		560.0498
Worker	0.2103	0.1553	1.7578	5.5700e-003	0.5474	3.6500e-003	0.5510	0.1451	3.3600e-003	0.1485		554.7532	554.7532	0.0160		555.1535
Total	0.2951	2.9632	2.3562	0.0123	34.6050	0.0163	34.6213	3.5720	0.0154	3.5875		1,280.6837	1,280.6837	0.0739		1,282.5317

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					0.1853	0.0000	0.1853	0.0200	0.0000	0.0200			0.0000			0.0000
Off-Road	0.4347	1.8838	19.5925	0.0367		0.0580	0.0580		0.0580	0.0580	0.0000	3,540.8663	3,540.8663	0.9794		3,565.3508
Total	0.4347	1.8838	19.5925	0.0367	0.1853	0.0580	0.2433	0.0200	0.0580	0.0780	0.0000	3,540.8663	3,540.8663	0.9794		3,565.3508

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	0.0227	1.1996	0.1652	1.5300e-003	20.7620	1.0000e-003	20.7630	2.0696	9.5000e-004	2.0705		166.6973	166.6973	0.0253		167.3284
Vendor	0.0620	1.6083	0.4333	5.2100e-003	0.1480	0.0116	0.1596	0.0426	0.0111	0.0537		559.2332	559.2332	0.0327		560.0498
Worker	0.2103	0.1553	1.7578	5.5700e-003	0.5474	3.6500e-003	0.5510	0.1451	3.3600e-003	0.1485		554.7532	554.7532	0.0160		555.1535
Total	0.2951	2.9632	2.3562	0.0123	21.4574	0.0163	21.4736	2.2573	0.0154	2.2727		1,280.6837	1,280.6837	0.0739		1,282.5317

3.10 P2 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					0.4751	0.0000	0.4751	0.0513	0.0000	0.0513			0.0000			0.0000
Off-Road	2.5349	28.1326	16.1447	0.0367		1.2160	1.2160		1.1353	1.1353		3,541.0506	3,541.0506	0.9759		3,565.4488
Total	2.5349	28.1326	16.1447	0.0367	0.4751	1.2160	1.6911	0.0513	1.1353	1.1866		3,541.0506	3,541.0506	0.9759		3,565.4488

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	0.0212	1.1543	0.1576	1.5100e-003	22.6072	8.7000e-004	22.6080	2.2565	8.3000e-004	2.2573		165.0259	165.0259	0.0240		165.6253
Vendor	0.0481	1.3988	0.3879	5.1600e-003	0.1480	4.3300e-003	0.1523	0.0426	4.1400e-003	0.0467		554.1470	554.1470	0.0316		554.9378
Worker	0.1987	0.1414	1.6478	5.3800e-003	0.5474	3.5900e-003	0.5509	0.1451	3.3100e-003	0.1485		536.1038	536.1038	0.0148		536.4740
Total	0.2679	2.6945	2.1933	0.0121	23.3025	8.7900e-003	23.3113	2.4442	8.2800e-003	2.4525		1,255.2767	1,255.2767	0.0704		1,257.0370

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					0.1853	0.0000	0.1853	0.0200	0.0000	0.0200			0.0000			0.0000
Off-Road	0.4347	1.8838	19.5925	0.0367		0.0580	0.0580		0.0580	0.0580	0.0000	3,541.0505	3,541.0505	0.9759		3,565.4488
Total	0.4347	1.8838	19.5925	0.0367	0.1853	0.0580	0.2433	0.0200	0.0580	0.0780	0.0000	3,541.0505	3,541.0505	0.9759		3,565.4488

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	0.0212	1.1543	0.1576	1.5100e-003	13.8421	8.7000e-004	13.8429	1.3800	8.3000e-004	1.3808		165.0259	165.0259	0.0240		165.6253
Vendor	0.0481	1.3988	0.3879	5.1600e-003	0.1480	4.3300e-003	0.1523	0.0426	4.1400e-003	0.0467		554.1470	554.1470	0.0316		554.9378
Worker	0.1987	0.1414	1.6478	5.3800e-003	0.5474	3.5900e-003	0.5509	0.1451	3.3100e-003	0.1485		536.1038	536.1038	0.0148		536.4740
Total	0.2679	2.6945	2.1933	0.0121	14.5374	8.7900e-003	14.5462	1.5677	8.2800e-003	1.5760		1,255.2767	1,255.2767	0.0704		1,257.0370

3.11 P2 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					0.0207	0.0000	0.0207	2.2300e-003	0.0000	2.2300e-003			0.0000			0.0000
Off-Road	13.0065	150.9084	86.3707	0.2438		5.6603	5.6603		5.2075	5.2075		23,602.3581	23,602.3581	7.6335		23,793.1951
Total	13.0065	150.9084	86.3707	0.2438	0.0207	5.6603	5.6810	2.2300e-003	5.2075	5.2097		23,602.3581	23,602.3581	7.6335		23,793.1951

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	0.0412	2.2468	0.3068	2.9400e-003	50.7718	1.6900e-003	50.7735	5.0675	1.6200e-003	5.0691		321.2075	321.2075	0.0467		322.3742
Vendor	0.1683	4.8957	1.3578	0.0181	0.5180	0.0152	0.5332	0.1490	0.0145	0.1635		1,939.5146	1,939.5146	0.1107		1,942.2821
Worker	0.5298	0.3770	4.3940	0.0143	1.4596	9.5900e-003	1.4692	0.3871	8.8300e-003	0.3959		1,429.6101	1,429.6101	0.0395		1,430.5973
Total	0.7393	7.5195	6.0586	0.0353	52.7494	0.0265	52.7758	5.6035	0.0250	5.6285		3,690.3322	3,690.3322	0.1969		3,695.2536

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					8.0600e-003	0.0000	8.0600e-003	8.7000e-004	0.0000	8.7000e-004			0.0000			0.0000

Off-Road	3.0008	13.0034	115.1048	0.2438		0.4001	0.4001		0.4001	0.4001	0.0000	23,602.3581	23,602.3581	7.6335		23,793.1951
Total	3.0008	13.0034	115.1048	0.2438	8.0600e-003	0.4001	0.4082	8.7000e-004	0.4001	0.4010	0.0000	23,602.3581	23,602.3581	7.6335		23,793.1951

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	0.0412	2.2468	0.3068	2.9400e-003	31.0866	1.6900e-003	31.0883	3.0990	1.6200e-003	3.1006		321.2075	321.2075	0.0467		322.3742
Vendor	0.1683	4.8957	1.3578	0.0181	0.5180	0.0152	0.5332	0.1490	0.0145	0.1635		1,939.5146	1,939.5146	0.1107		1,942.2821
Worker	0.5298	0.3770	4.3940	0.0143	1.4596	9.5900e-003	1.4692	0.3871	8.8300e-003	0.3959		1,429.6101	1,429.6101	0.0395		1,430.5973
Total	0.7393	7.5195	6.0586	0.0353	33.0642	0.0265	33.0907	3.6350	0.0250	3.6600		3,690.3322	3,690.3322	0.1969		3,695.2536

3.11 P2 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					0.0207	0.0000	0.0207	2.2300e-003	0.0000	2.2300e-003			0.0000			0.0000
Off-Road	11.5077	125.8096	81.5263	0.2439		4.7467	4.7467		4.3670	4.3670		23,614.4669	23,614.4669	7.6374		23,805.4018
Total	11.5077	125.8096	81.5263	0.2439	0.0207	4.7467	4.7674	2.2300e-003	4.3670	4.3692		23,614.4669	23,614.4669	7.6374		23,805.4018

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	0.0386	2.1602	0.2970	2.9100e-003	55.0024	1.4200e-003	55.0038	5.4897	1.3600e-003	5.4910		318.1138	318.1138	0.0441		319.2172
Vendor	0.1571	4.5417	1.3009	0.0179	0.5180	0.0131	0.5311	0.1490	0.0125	0.1615		1,920.9246	1,920.9246	0.1089		1,923.6476
Worker	0.5020	0.3441	4.0902	0.0138	1.4596	9.3700e-003	1.4690	0.3871	8.6300e-003	0.3957		1,377.1062	1,377.1062	0.0362		1,378.0118
Total	0.6978	7.0460	5.6881	0.0346	56.9800	0.0239	57.0039	6.0257	0.0225	6.0482		3,616.1446	3,616.1446	0.1893		3,620.8765

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					8.0600e-003	0.0000	8.0600e-003	8.7000e-004	0.0000	8.7000e-004			0.0000			0.0000
Off-Road	3.0008	13.0034	115.1048	0.2439		0.4001	0.4001		0.4001	0.4001	0.0000	23,614.4669	23,614.4669	7.6374		23,805.4018
Total	3.0008	13.0034	115.1048	0.2439	8.0600e-003	0.4001	0.4082	8.7000e-004	0.4001	0.4010	0.0000	23,614.4669	23,614.4669	7.6374		23,805.4018

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	0.0386	2.1602	0.2970	2.9100e-003	33.6768	1.4200e-003	33.6782	3.3571	1.3600e-003	3.3585		318.1138	318.1138	0.0441		319.2172
Vendor	0.1571	4.5417	1.3009	0.0179	0.5180	0.0131	0.5311	0.1490	0.0125	0.1615		1,920.9246	1,920.9246	0.1089		1,923.6476
Worker	0.5020	0.3441	4.0902	0.0138	1.4596	9.3700e-003	1.4690	0.3871	8.6300e-003	0.3957		1,377.1062	1,377.1062	0.0362		1,378.0118
Total	0.6978	7.0460	5.6881	0.0346	35.6544	0.0239	35.6783	3.8931	0.0225	3.9156		3,616.1446	3,616.1446	0.1893		3,620.8765

3.12 P2 Building Construction - 2025

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	7.5805	70.2179	96.1414	0.1749		2.9188	2.9188		2.8379	2.8379		16,658.0253	16,658.0253	1.8180		16,703.4742
Total	7.5805	70.2179	96.1414	0.1749		2.9188	2.9188		2.8379	2.8379		16,658.0253	16,658.0253	1.8180		16,703.4742

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	0.1299	3.6321	1.3323	0.0196	0.5920	6.8300e-003	0.5989	0.1703	6.5300e-003	0.1768		2,120.0784	2,120.0784	0.1189		2,123.0502
Worker	1.8068	1.1107	13.8554	0.0510	6.0817	0.0370	6.1186	1.6127	0.0340	1.6467		5,086.1844	5,086.1844	0.1175		5,089.1213
Total	1.9366	4.7429	15.1877	0.0706	6.6737	0.0438	6.7175	1.7830	0.0405	1.8235		7,206.2628	7,206.2628	0.2363		7,212.1715

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	1.8473	8.0050	107.7147	0.1749		0.2463	0.2463		0.2463	0.2463	0.0000	16,658.0253	16,658.0253	1.8180		16,703.4742
Total	1.8473	8.0050	107.7147	0.1749		0.2463	0.2463		0.2463	0.2463	0.0000	16,658.0253	16,658.0253	1.8180		16,703.4742

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	0.1299	3.6321	1.3323	0.0196	0.5920	6.8300e-003	0.5989	0.1703	6.5300e-003	0.1768		2,120.0784	2,120.0784	0.1189		2,123.0502
Worker	1.8068	1.1107	13.8554	0.0510	6.0817	0.0370	6.1186	1.6127	0.0340	1.6467		5,086.1844	5,086.1844	0.1175		5,089.1213
Total	1.9366	4.7429	15.1877	0.0706	6.6737	0.0438	6.7175	1.7830	0.0405	1.8235		7,206.2628	7,206.2628	0.2363		7,212.1715

3.12 P2 Building Construction - 2026

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	7.5805	70.2179	96.1414	0.1749		2.9188	2.9188		2.8379	2.8379		16,658.0253	16,658.0253	1.8180		16,703.4742
Total	7.5805	70.2179	96.1414	0.1749		2.9188	2.9188		2.8379	2.8379		16,658.0253	16,658.0253	1.8180		16,703.4742

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	0.1272	3.5643	1.3238	0.0195	0.5920	6.7000e-003	0.5987	0.1703	6.4000e-003	0.1767		2,109.6585	2,109.6585	0.1191		2,112.6350
Worker	1.7344	1.0343	13.0375	0.0491	6.0817	0.0358	6.1174	1.6127	0.0329	1.6456		4,899.8296	4,899.8296	0.1096		4,902.5690
Total	1.8616	4.5986	14.3613	0.0686	6.6737	0.0425	6.7162	1.7830	0.0393	1.8223		7,009.4881	7,009.4881	0.2286		7,015.2040

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	1.8473	8.0050	107.7147	0.1749		0.2463	0.2463		0.2463	0.2463	0.0000	16,658.0253	16,658.0253	1.8180		16,703.4742

Total	1.8473	8.0050	107.7147	0.1749		0.2463	0.2463		0.2463	0.2463	0.0000	16,658.0253	16,658.0253	1.8180		16,703.4742

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	0.1272	3.5643	1.3238	0.0195	0.5920	6.7000e-003	0.5987	0.1703	6.4000e-003	0.1767		2,109.6585	2,109.6585	0.1191		2,112.6350
Worker	1.7344	1.0343	13.0375	0.0491	6.0817	0.0358	6.1174	1.6127	0.0329	1.6456		4,899.8296	4,899.8296	0.1096		4,902.5690
Total	1.8616	4.5986	14.3613	0.0686	6.6737	0.0425	6.7162	1.7830	0.0393	1.8223		7,009.4881	7,009.4881	0.2286		7,015.2040

3.12 P2 Building Construction - 2027

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	7.5805	70.2179	96.1414	0.1749		2.9188	2.9188		2.8379	2.8379		16,658.0253	16,658.0253	1.8180		16,703.4742
Total	7.5805	70.2179	96.1414	0.1749		2.9188	2.9188		2.8379	2.8379		16,658.0253	16,658.0253	1.8180		16,703.4742

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	0.1249	3.4973	1.3160	0.0194	0.5920	6.5800e-003	0.5986	0.1703	6.2900e-003	0.1766		2,099.8122	2,099.8122	0.1192		2,102.7932
Worker	1.6616	0.9665	12.3119	0.0475	6.0817	0.0338	6.1155	1.6127	0.0311	1.6438		4,735.7937	4,735.7937	0.1027		4,738.3609
Total	1.7865	4.4638	13.6280	0.0668	6.6737	0.0404	6.7141	1.7830	0.0374	1.8204		6,835.6059	6,835.6059	0.2219		6,841.1542

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	1.8473	8.0050	107.7147	0.1749		0.2463	0.2463		0.2463	0.2463	0.0000	16,658.0253	16,658.0253	1.8180		16,703.4742
Total	1.8473	8.0050	107.7147	0.1749		0.2463	0.2463		0.2463	0.2463	0.0000	16,658.0253	16,658.0253	1.8180		16,703.4742

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	0.1249	3.4973	1.3160	0.0194	0.5920	6.5800e-003	0.5986	0.1703	6.2900e-003	0.1766		2,099.8122	2,099.8122	0.1192		2,102.7932
Worker	1.6616	0.9665	12.3119	0.0475	6.0817	0.0338	6.1155	1.6127	0.0311	1.6438		4,735.7937	4,735.7937	0.1027		4,738.3609
Total	1.7865	4.4638	13.6280	0.0668	6.6737	0.0404	6.7141	1.7830	0.0374	1.8204		6,835.6059	6,835.6059	0.2219		6,841.1542

3.13 P2 Trenching - 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	1.4699	13.8188	22.0011	0.0332		0.7044	0.7044		0.6480	0.6480		3,210.1322	3,210.1322	1.0382		3,236.0878
Total	1.4699	13.8188	22.0011	0.0332		0.7044	0.7044		0.6480	0.6480		3,210.1322	3,210.1322	1.0382		3,236.0878

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	0.1347	3.8929	1.1151	0.0153	0.4440	0.0112	0.4552	0.1277	0.0107	0.1384		1,646.5068	1,646.5068	0.0934		1,648.8408
Worker	0.2301	0.1577	1.8747	6.3300e-003	0.6690	4.3000e-003	0.6733	0.1774	3.9600e-003	0.1814		631.1737	631.1737	0.0166		631.5887
Total	0.3648	4.0506	2.9898	0.0216	1.1130	0.0155	1.1285	0.3051	0.0147	0.3198		2,277.6805	2,277.6805	0.1100		2,280.4295

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	0.4067	1.7624	25.0807	0.0332		0.0542	0.0542		0.0542	0.0542	0.0000	3,210.1322	3,210.1322	1.0382		3,236.0878
Total	0.4067	1.7624	25.0807	0.0332		0.0542	0.0542		0.0542	0.0542	0.0000	3,210.1322	3,210.1322	1.0382		3,236.0878

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	0.1347	3.8929	1.1151	0.0153	0.4440	0.0112	0.4552	0.1277	0.0107	0.1384		1,646.5068	1,646.5068	0.0934		1,648.8408
Worker	0.2301	0.1577	1.8747	6.3300e-003	0.6690	4.3000e-003	0.6733	0.1774	3.9600e-003	0.1814		631.1737	631.1737	0.0166		631.5887
Total	0.3648	4.0506	2.9898	0.0216	1.1130	0.0155	1.1285	0.3051	0.0147	0.3198		2,277.6805	2,277.6805	0.1100		2,280.4295

3.13 P2 Trenching - 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	1.3615	12.3433	21.9853	0.0332		0.6068	0.6068		0.5582	0.5582		3,211.8402	3,211.8402	1.0388		3,237.8096
Total	1.3615	12.3433	21.9853	0.0332		0.6068	0.6068		0.5582	0.5582		3,211.8402	3,211.8402	1.0388		3,237.8096

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	0.1025	2.8268	1.0284	0.0149	0.4440	5.3100e-003	0.4493	0.1277	5.0800e-003	0.1328		1,607.2456	1,607.2456	0.0888		1,609.4658
Worker	0.2184	0.1442	1.7429	6.0900e-003	0.6690	4.2100e-003	0.6732	0.1774	3.8800e-003	0.1813		607.0232	607.0232	0.0152		607.4033
Total	0.3208	2.9710	2.7713	0.0210	1.1130	9.5200e-003	1.1225	0.3051	8.9600e-003	0.3141		2,214.2688	2,214.2688	0.1040		2,216.8691

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	0.4067	1.7624	25.0807	0.0332		0.0542	0.0542		0.0542	0.0542	0.0000	3,211.8402	3,211.8402	1.0388		3,237.8096

Total	0.4067	1.7624	25.0807	0.0332		0.0542	0.0542		0.0542	0.0542	0.0000	3,211.8402	3,211.8402	1.0388		3,237.8096

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	0.1025	2.8268	1.0284	0.0149	0.4440	5.3100e-003	0.4493	0.1277	5.0800e-003	0.1328		1,607.2456	1,607.2456	0.0888		1,609.4658
Worker	0.2184	0.1442	1.7429	6.0900e-003	0.6690	4.2100e-003	0.6732	0.1774	3.8800e-003	0.1813		607.0232	607.0232	0.0152		607.4033
Total	0.3208	2.9710	2.7713	0.0210	1.1130	9.5200e-003	1.1225	0.3051	8.9600e-003	0.3141		2,214.2688	2,214.2688	0.1040		2,216.8691

3.13 P2 Trenching - 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	1.2980	11.4090	22.0316	0.0332		0.5426	0.5426		0.4992	0.4992		3,213.2402	3,213.2402	1.0392		3,239.2209
Total	1.2980	11.4090	22.0316	0.0332		0.5426	0.5426		0.4992	0.4992		3,213.2402	3,213.2402	1.0392		3,239.2209

Unmitigated Construction Off-Site

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	0.0997	2.7763	1.0093	0.0148	0.4440	5.2300e-003	0.4493	0.1277	5.0000e-003	0.1327		1,598.4831	1,598.4831	0.0889		1,600.7061
Worker	0.2079	0.1324	1.6308	5.8500e-003	0.6690	4.1300e-003	0.6731	0.1774	3.8000e-003	0.1812		583.0877	583.0877	0.0140		583.4373
Total	0.3075	2.9087	2.6401	0.0207	1.1130	9.3600e-003	1.1224	0.3051	8.8000e-003	0.3139		2,181.5707	2,181.5707	0.1029		2,184.1434

3.14 P2 Architectural Coating - 2025

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	32.8314					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	1.7086	11.4551	18.0914	0.0297		0.5151	0.5151		0.5151	0.5151		2,814.4805	2,814.4805	0.1535		2,818.3186
Total	34.5400	11.4551	18.0914	0.0297		0.5151	0.5151		0.5151	0.5151		2,814.4805	2,814.4805	0.1535		2,818.3186

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	0.0325	0.9080	0.3331	4.9000e-003	0.1480	1.7100e-003	0.1497	0.0426	1.6300e-003	0.0442		530.0196	530.0196	0.0297		530.7626
Worker	0.3614	0.2222	2.7711	0.0102	1.2163	7.3900e-003	1.2237	0.3225	6.8000e-003	0.3293		1,017.2369	1,017.2369	0.0235		1,017.8243
Total	0.3938	1.1302	3.1042	0.0151	1.3643	9.1000e-003	1.3734	0.3651	8.4300e-003	0.3735		1,547.2565	1,547.2565	0.0532		1,548.5868

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	32.8314					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2972	1.2876	18.3241	0.0297		0.0396	0.0396		0.0396	0.0396	0.0000	2,814.4805	2,814.4805	0.1535		2,818.3186
Total	33.1285	1.2876	18.3241	0.0297		0.0396	0.0396		0.0396	0.0396	0.0000	2,814.4805	2,814.4805	0.1535		2,818.3186

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	0.0325	0.9080	0.3331	4.9000e-003	0.1480	1.7100e-003	0.1497	0.0426	1.6300e-003	0.0442		530.0196	530.0196	0.0297		530.7626
Worker	0.3614	0.2222	2.7711	0.0102	1.2163	7.3900e-003	1.2237	0.3225	6.8000e-003	0.3293		1,017.2369	1,017.2369	0.0235		1,017.8243
Total	0.3938	1.1302	3.1042	0.0151	1.3643	9.1000e-003	1.3734	0.3651	8.4300e-003	0.3735		1,547.2565	1,547.2565	0.0532		1,548.5868

3.14 P2 Architectural Coating - 2026

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	32.8314					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	1.7086	11.4551	18.0914	0.0297		0.5151	0.5151		0.5151	0.5151		2,814.4805	2,814.4805	0.1535		2,818.3186
Total	34.5400	11.4551	18.0914	0.0297		0.5151	0.5151		0.5151	0.5151		2,814.4805	2,814.4805	0.1535		2,818.3186

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	0.0318	0.8911	0.3309	4.8700e-003	0.1480	1.6700e-003	0.1497	0.0426	1.6000e-003	0.0442		527.4146	527.4146	0.0298		528.1588
Worker	0.3469	0.2069	2.6075	9.8200e-003	1.2163	7.1500e-003	1.2235	0.3225	6.5800e-003	0.3291		979.9659	979.9659	0.0219		980.5138
Total	0.3787	1.0979	2.9384	0.0147	1.3643	8.8200e-003	1.3732	0.3651	8.1800e-003	0.3733		1,507.3805	1,507.3805	0.0517		1,508.6726

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	32.8314					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Off-Road	0.2972	1.2876	18.3241	0.0297		0.0396	0.0396		0.0396	0.0396	0.0000	2,814.4805	2,814.4805	0.1535		2,818.3186
Total	33.1285	1.2876	18.3241	0.0297		0.0396	0.0396		0.0396	0.0396	0.0000	2,814.4805	2,814.4805	0.1535		2,818.3186

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	0.0318	0.8911	0.3309	4.8700e-003	0.1480	1.6700e-003	0.1497	0.0426	1.6000e-003	0.0442		527.4146	527.4146	0.0298		528.1588
Worker	0.3469	0.2069	2.6075	9.8200e-003	1.2163	7.1500e-003	1.2235	0.3225	6.5800e-003	0.3291		979.9659	979.9659	0.0219		980.5138
Total	0.3787	1.0979	2.9384	0.0147	1.3643	8.8200e-003	1.3732	0.3651	8.1800e-003	0.3733		1,507.3805	1,507.3805	0.0517		1,508.6726

3.14 P2 Architectural Coating - 2027

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	32.8314					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	1.7086	11.4551	18.0914	0.0297		0.5151	0.5151		0.5151	0.5151		2,814.4805	2,814.4805	0.1535		2,818.3186
Total	34.5400	11.4551	18.0914	0.0297		0.5151	0.5151		0.5151	0.5151		2,814.4805	2,814.4805	0.1535		2,818.3186

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	0.0312	0.8743	0.3290	4.8400e-003	0.1480	1.6400e-003	0.1497	0.0426	1.5700e-003	0.0441		524.9530	524.9530	0.0298		525.6983
Worker	0.3323	0.1933	2.4624	9.4900e-003	1.2163	6.7600e-003	1.2231	0.3225	6.2200e-003	0.3288		947.1587	947.1587	0.0205		947.6722
Total	0.3635	1.0676	2.7914	0.0143	1.3643	8.4000e-003	1.3727	0.3651	7.7900e-003	0.3729		1,472.1118	1,472.1118	0.0504		1,473.3705

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	32.8314					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2972	1.2876	18.3241	0.0297		0.0396	0.0396		0.0396	0.0396	0.0000	2,814.4805	2,814.4805	0.1535		2,818.3186
Total	33.1285	1.2876	18.3241	0.0297		0.0396	0.0396		0.0396	0.0396	0.0000	2,814.4805	2,814.4805	0.1535		2,818.3186

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	0.0312	0.8743	0.3290	4.8400e-003	0.1480	1.6400e-003	0.1497	0.0426	1.5700e-003	0.0441		524.9530	524.9530	0.0298		525.6983
Worker	0.3323	0.1933	2.4624	9.4900e-003	1.2163	6.7600e-003	1.2231	0.3225	6.2200e-003	0.3288		947.1587	947.1587	0.0205		947.6722
Total	0.3635	1.0676	2.7914	0.0143	1.3643	8.4000e-003	1.3727	0.3651	7.7900e-003	0.3729		1,472.1118	1,472.1118	0.0504		1,473.3705

3.15 P2 Paving - 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	3.0370	32.0660	30.8300	0.0574		1.4489	1.4489		1.3330	1.3330		5,561.8324	5,561.8324	1.7988		5,606.8026
Paving	0.2967					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	3.3336	32.0660	30.8300	0.0574		1.4489	1.4489		1.3330	1.3330		5,561.8324	5,561.8324	1.7988		5,606.8026

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	0.0898	2.5953	0.7434	0.0102	0.2960	7.4700e-003	0.3035	0.0851	7.1400e-003	0.0923		1,097.6712	1,097.6712	0.0622		1,099.2272
Worker	0.1255	0.0860	1.0226	3.4500e-003	0.3649	2.3400e-003	0.3672	0.0968	2.1600e-003	0.0989		344.2766	344.2766	9.0600e-003		344.5030
Total	0.2153	2.6813	1.7659	0.0137	0.6609	9.8100e-003	0.6707	0.1819	9.3000e-003	0.1912		1,441.9478	1,441.9478	0.0713		1,443.7301

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	0.7052	3.0559	34.1205	0.0574		0.0940	0.0940		0.0940	0.0940	0.0000	5,561.8323	5,561.8323	1.7988		5,606.8026
Paving	0.2967					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0019	3.0559	34.1205	0.0574		0.0940	0.0940		0.0940	0.0940	0.0000	5,561.8323	5,561.8323	1.7988		5,606.8026

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	0.0898	2.5953	0.7434	0.0102	0.2960	7.4700e-003	0.3035	0.0851	7.1400e-003	0.0923		1,097.6712	1,097.6712	0.0622		1,099.2272
Worker	0.1255	0.0860	1.0226	3.4500e-003	0.3649	2.3400e-003	0.3672	0.0968	2.1600e-003	0.0989		344.2766	344.2766	9.0600e-003		344.5030
Total	0.2153	2.6813	1.7659	0.0137	0.6609	9.8100e-003	0.6707	0.1819	9.3000e-003	0.1912		1,441.9478	1,441.9478	0.0713		1,443.7301

3.15 P2 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	2.8774	29.6275	30.3333	0.0575		1.3141	1.3141		1.2089	1.2089		5,562.1411	5,562.1411	1.7989		5,607.1139
Paving	0.2967					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	3.1741	29.6275	30.3333	0.0575		1.3141	1.3141		1.2089	1.2089		5,562.1411	5,562.1411	1.7989		5,607.1139

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	0.0683	1.8846	0.6856	9.9400e-003	0.2960	3.5400e-003	0.2996	0.0851	3.3900e-003	0.0885		1,071.4971	1,071.4971	0.0592		1,072.9772
Worker	0.1191	0.0786	0.9507	3.3200e-003	0.3649	2.3000e-003	0.3672	0.0968	2.1100e-003	0.0989		331.1036	331.1036	8.2900e-003		331.3109
Total	0.1874	1.9632	1.6363	0.0133	0.6609	5.8400e-003	0.6668	0.1819	5.5000e-003	0.1874		1,402.6006	1,402.6006	0.0675		1,404.2881

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	0.7052	3.0559	34.1205	0.0575		0.0940	0.0940		0.0940	0.0940	0.0000	5,562.1411	5,562.1411	1.7989		5,607.1138

Paving	0.2967					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0019	3.0559	34.1205	0.0575		0.0940	0.0940		0.0940	0.0940	0.0000	5,562.1411	5,562.1411	1.7989		5,607.138

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	0.0683	1.8846	0.6856	9.9400e-003	0.2960	3.5400e-003	0.2996	0.0851	3.3900e-003	0.0885		1,071.4971	1,071.4971	0.0592		1,072.9772
Worker	0.1191	0.0786	0.9507	3.3200e-003	0.3649	2.3000e-003	0.3672	0.0968	2.1100e-003	0.0989		331.1036	331.1036	8.2900e-003		331.3109
Total	0.1874	1.9632	1.6363	0.0133	0.6609	5.8400e-003	0.6668	0.1819	5.5000e-003	0.1874		1,402.6006	1,402.6006	0.0675		1,404.2881

3.15 P2 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	2.7647	27.6601	30.0296	0.0574		1.2116	1.2116		1.1147	1.1147		5,560.5044	5,560.5044	1.7984		5,605.4639
Paving	0.2967					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	3.0613	27.6601	30.0296	0.0574		1.2116	1.2116		1.1147	1.1147		5,560.5044	5,560.5044	1.7984		5,605.4639

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	0.0665	1.8509	0.6729	9.8700e-003	0.2960	3.4800e-003	0.2995	0.0851	3.3300e-003	0.0885		1,065.6554	1,065.6554	0.0593		1,067.1374
Worker	0.1134	0.0722	0.8895	3.1900e-003	0.3649	2.2500e-003	0.3672	0.0968	2.0700e-003	0.0988		318.0478	318.0478	7.6300e-003		318.2385
Total	0.1798	1.9231	1.5624	0.0131	0.6609	5.7300e-003	0.6667	0.1819	5.4000e-003	0.1873		1,383.7032	1,383.7032	0.0669		1,385.3759

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	0.7052	3.0559	34.1205	0.0574		0.0940	0.0940		0.0940	0.0940	0.0000	5,560.5044	5,560.5044	1.7984		5,605.4639
Paving	0.2967					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0019	3.0559	34.1205	0.0574		0.0940	0.0940		0.0940	0.0940	0.0000	5,560.5044	5,560.5044	1.7984		5,605.4639

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	0.0665	1.8509	0.6729	9.8700e-003	0.2960	3.4800e-003	0.2995	0.0851	3.3300e-003	0.0885		1,065.6554	1,065.6554	0.0593		1,067.1374
Worker	0.1134	0.0722	0.8895	3.1900e-003	0.3649	2.2500e-003	0.3672	0.0968	2.0700e-003	0.0988		318.0478	318.0478	7.6300e-003		318.2385
Total	0.1798	1.9231	1.5624	0.0131	0.6609	5.7300e-003	0.6667	0.1819	5.4000e-003	0.1873		1,383.7032	1,383.7032	0.0669		1,385.3759

3.15 P2 Paving - 2025

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	2.4918	23.9062	28.7852	0.0574		1.0288	1.0288		0.9465	0.9465		5,558.4522	5,558.4522	1.7977		5,603.3951
Paving	0.2967					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.7885	23.9062	28.7852	0.0574		1.0288	1.0288		0.9465	0.9465		5,558.4522	5,558.4522	1.7977		5,603.3951

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	0.0649	1.8161	0.6662	9.8000e-003	0.2960	3.4200e-003	0.2994	0.0851	3.2700e-003	0.0884		1,060.0392	1,060.0392	0.0594		1,061.5251
Worker	0.1084	0.0666	0.8313	3.0600e-003	0.3649	2.2200e-003	0.3671	0.0968	2.0400e-003	0.0988		305.1711	305.1711	7.0500e-003		305.3473
Total	0.1733	1.8827	1.4975	0.0129	0.6609	5.6400e-003	0.6666	0.1819	5.3100e-003	0.1872		1,365.2103	1,365.2103	0.0665		1,366.8724

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	0.7052	3.0559	34.1205	0.0574		0.0940	0.0940		0.0940	0.0940	0.0000	5,558.4521	5,558.4521	1.7977		5,603.3951
Paving	0.2967					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0019	3.0559	34.1205	0.0574		0.0940	0.0940		0.0940	0.0940	0.0000	5,558.4521	5,558.4521	1.7977		5,603.3951

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	0.0649	1.8161	0.6662	9.8000e-003	0.2960	3.4200e-003	0.2994	0.0851	3.2700e-003	0.0884		1,060.0392	1,060.0392	0.0594		1,061.5251
Worker	0.1084	0.0666	0.8313	3.0600e-003	0.3649	2.2200e-003	0.3671	0.0968	2.0400e-003	0.0988		305.1711	305.1711	7.0500e-003		305.3473
Total	0.1733	1.8827	1.4975	0.0129	0.6609	5.6400e-003	0.6666	0.1819	5.3100e-003	0.1872		1,365.2103	1,365.2103	0.0665		1,366.8724

3.16 P2 Brush Management - 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.5179	14.6425	14.2796	0.0192		0.9597	0.9597		0.8829	0.8829		1,860.7145	1,860.7145	0.6018		1,875.7594
Total	1.5179	14.6425	14.2796	0.0192	0.0000	0.9597	0.9597	0.0000	0.8829	0.8829		1,860.7145	1,860.7145	0.6018		1,875.7594

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	0.0961	2.7975	0.7759	0.0103	0.2960	8.6700e-003	0.3047	0.0851	8.2900e-003	0.0934		1,108.2941	1,108.2941	0.0633		1,109.8755
Worker	0.5298	0.3770	4.3940	0.0143	1.4596	9.5900e-003	1.4692	0.3871	8.8300e-003	0.3959		1,429.6101	1,429.6101	0.0395		1,430.5973
Total	0.6259	3.1745	5.1699	0.0247	1.7556	0.0183	1.7739	0.4722	0.0171	0.4893		2,537.9042	2,537.9042	0.1028		2,540.4728

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000

Off-Road	0.2349	1.0178	14.4838	0.0192		0.0313	0.0313		0.0313	0.0313	0.0000	1,860.7145	1,860.7145	0.6018		1,875.7594
Total	0.2349	1.0178	14.4838	0.0192	0.0000	0.0313	0.0313	0.0000	0.0313	0.0313	0.0000	1,860.7145	1,860.7145	0.6018		1,875.7594

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	0.0961	2.7975	0.7759	0.0103	0.2960	8.6700e-003	0.3047	0.0851	8.2900e-003	0.0934		1,108.2941	1,108.2941	0.0633		1,109.8755
Worker	0.5298	0.3770	4.3940	0.0143	1.4596	9.5900e-003	1.4692	0.3871	8.8300e-003	0.3959		1,429.6101	1,429.6101	0.0395		1,430.5973
Total	0.6259	3.1745	5.1699	0.0247	1.7556	0.0183	1.7739	0.4722	0.0171	0.4893		2,537.9042	2,537.9042	0.1028		2,540.4728

3.16 P2 Brush Management - 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.3902	13.4957	14.1757	0.0192		0.8418	0.8418		0.7745	0.7745		1,862.1242	1,862.1242	0.6023		1,877.1804
Total	1.3902	13.4957	14.1757	0.0192	0.0000	0.8418	0.8418	0.0000	0.7745	0.7745		1,862.1242	1,862.1242	0.6023		1,877.1804

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	0.0898	2.5953	0.7434	0.0102	0.2960	7.4700e-003	0.3035	0.0851	7.1400e-003	0.0923		1,097.6712	1,097.6712	0.0622		1,099.2272
Worker	0.5020	0.3441	4.0902	0.0138	1.4596	9.3700e-003	1.4690	0.3871	8.6300e-003	0.3957		1,377.1062	1,377.1062	0.0362		1,378.0118
Total	0.5918	2.9394	4.8336	0.0240	1.7556	0.0168	1.7725	0.4722	0.0158	0.4880		2,474.7774	2,474.7774	0.0985		2,477.2390

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2349	1.0178	14.4838	0.0192		0.0313	0.0313		0.0313	0.0313	0.0000	1,862.1242	1,862.1242	0.6023		1,877.1804
Total	0.2349	1.0178	14.4838	0.0192	0.0000	0.0313	0.0313	0.0000	0.0313	0.0313	0.0000	1,862.1242	1,862.1242	0.6023		1,877.1804

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	0.0898	2.5953	0.7434	0.0102	0.2960	7.4700e-003	0.3035	0.0851	7.1400e-003	0.0923		1,097.6712	1,097.6712	0.0622		1,099.2272
Worker	0.5020	0.3441	4.0902	0.0138	1.4596	9.3700e-003	1.4690	0.3871	8.6300e-003	0.3957		1,377.1062	1,377.1062	0.0362		1,378.0118
Total	0.5918	2.9394	4.8336	0.0240	1.7556	0.0168	1.7725	0.4722	0.0158	0.4880		2,474.7774	2,474.7774	0.0985		2,477.2390

3.16 P2 Brush Management - 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					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.3023	12.6414	14.1354	0.0192		0.7541	0.7541		0.6938	0.6938		1,863.9777	1,863.9777	0.6029		1,879.0489
Total	1.3023	12.6414	14.1354	0.0192	0.0000	0.7541	0.7541	0.0000	0.6938	0.6938		1,863.9777	1,863.9777	0.6029		1,879.0489

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	0.0683	1.8846	0.6856	9.9400e-003	0.2960	3.5400e-003	0.2996	0.0851	3.3900e-003	0.0885		1,071.4971	1,071.4971	0.0592		1,072.9772
Worker	0.4764	0.3146	3.8027	0.0133	1.4596	9.1800e-003	1.4688	0.3871	8.4600e-003	0.3955		1,324.4142	1,324.4142	0.0332		1,325.2436
Total	0.5447	2.1991	4.4883	0.0232	1.7556	0.0127	1.7683	0.4722	0.0119	0.4840		2,395.9113	2,395.9113	0.0924		2,398.2208

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2349	1.0178	14.4838	0.0192		0.0313	0.0313		0.0313	0.0313	0.0000	1,863.9777	1,863.9777	0.6029		1,879.0489
Total	0.2349	1.0178	14.4838	0.0192	0.0000	0.0313	0.0313	0.0000	0.0313	0.0313	0.0000	1,863.9777	1,863.9777	0.6029		1,879.0489

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	0.0683	1.8846	0.6856	9.9400e-003	0.2960	3.5400e-003	0.2996	0.0851	3.3900e-003	0.0885		1,071.4971	1,071.4971	0.0592		1,072.9772
Worker	0.4764	0.3146	3.8027	0.0133	1.4596	9.1800e-003	1.4688	0.3871	8.4600e-003	0.3955		1,324.4142	1,324.4142	0.0332		1,325.2436
Total	0.5447	2.1991	4.4883	0.0232	1.7556	0.0127	1.7683	0.4722	0.0119	0.4840		2,395.9113	2,395.9113	0.0924		2,398.2208

Newland Sierra - Construction
San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	875	Dwelling Unit	99.52	1,560,600.00	2480
Condo/Townhouse	935	Dwelling Unit	158.18	935,000.00	2697
Retirement Community	325.00	Dwelling Unit	58.20	325,000.00	930
City Park	34.60	Acre	34.60	1,507,176.00	0
Other Asphalt Surfaces	97.60	Acre	97.60	4,251,456.00	0
Strip Mall	81.00	1000sqft	10.20	81,000.00	0
Elementary School	33.00	1000sqft	6.00	33,000.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2030
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	720.49	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - Land uses per EIR PD
- Construction Phase - construction schedule per Fuscoe 2016
- Off-road Equipment - Fuscoe 2016

Grading - Fuscoe 2016

Trips and VMT - Fuscoe 2016

On-road Fugitive Dust - All haul trucks assumed to be on unpaved roads

Architectural Coating - SDAPCD Rule 67.0.1

Construction Off-road Equipment Mitigation - Tier 4 final engines

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	31.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	14.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	16.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	52.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	31.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	14.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	21.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	25.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	300.00	31.00
tblConstructionPhase	NumDays	775.00	890.00
tblConstructionPhase	NumDays	7,750.00	1,477.00
tblConstructionPhase	NumDays	550.00	1,374.00
tblConstructionPhase	NumDays	550.00	841.00
tblConstructionPhase	NumDays	300.00	654.00

tblConstructionPhase	NumDays	300.00	162.00
tblConstructionPhase	NumDays	300.00	25.00
tblConstructionPhase	NumDays	775.00	575.00
tblConstructionPhase	NumDays	7,750.00	884.00
tblConstructionPhase	NumDays	550.00	730.00
tblConstructionPhase	NumDays	550.00	862.00
tblConstructionPhase	NumDays	300.00	495.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	PhaseEndDate	1/9/2018	2/14/2018
tblGrading	AcresOfGrading	0.00	565.00
tblGrading	AcresOfGrading	5,462.50	11.20
tblGrading	AcresOfGrading	11,125.00	565.00
tblGrading	AcresOfGrading	37.50	11.20
tblGrading	MaterialExported	0.00	103,140.00
tblGrading	MaterialExported	0.00	2,320,570.00
tblLandUse	LotAcreage	281.49	99.52

tblLandUse	LotAcreage	58.94	158.18
tblLandUse	LotAcreage	65.00	58.20
tblLandUse	LotAcreage	1.86	10.20
tblLandUse	LotAcreage	0.76	6.00
tblOffRoadEquipment	LoadFactor	0.43	0.43
tblOffRoadEquipment	LoadFactor	0.50	0.50
tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.48	0.48
tblOffRoadEquipment	LoadFactor	0.50	0.50
tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	LoadFactor	0.31	0.31
tblOffRoadEquipment	LoadFactor	0.43	0.43
tblOffRoadEquipment	LoadFactor	0.43	0.43
tblOffRoadEquipment	LoadFactor	0.50	0.50
tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.48	0.48
tblOffRoadEquipment	LoadFactor	0.50	0.50
tblOffRoadEquipment	OffRoadEquipmentType		Crawler Tractors
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Crushing/Proc. Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Crawler Tractors
tblOffRoadEquipment	OffRoadEquipmentType		Bore/Drill Rigs
tblOffRoadEquipment	OffRoadEquipmentType		Off-Highway Trucks
tblOffRoadEquipment	OffRoadEquipmentType		Excavators

tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Scrapers
tblOffRoadEquipment	OffRoadEquipmentType		Trenchers
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentType		Generator Sets
tblOffRoadEquipment	OffRoadEquipmentType		Aerial Lifts
tblOffRoadEquipment	OffRoadEquipmentType		Crawler Tractors
tblOffRoadEquipment	OffRoadEquipmentType		Crushing/Proc. Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Crawler Tractors
tblOffRoadEquipment	OffRoadEquipmentType		Bore/Drill Rigs
tblOffRoadEquipment	OffRoadEquipmentType		Off-Highway Trucks
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Scrapers
tblOffRoadEquipment	OffRoadEquipmentType		Trenchers
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	10.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	20.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	20.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	2.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblProjectCharacteristics	OperationalYear	2018	2020
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	HaulingTripLength	20.00	0.40
tblTripsAndVMT	HaulingTripLength	20.00	0.00
tblTripsAndVMT	HaulingTripLength	20.00	0.00
tblTripsAndVMT	HaulingTripLength	20.00	0.00
tblTripsAndVMT	HaulingTripLength	20.00	0.00
tblTripsAndVMT	HaulingTripLength	20.00	0.80

tblTripsAndVMT	HaulingTripLength	20.00	0.40
tblTripsAndVMT	HaulingTripLength	20.00	0.00
tblTripsAndVMT	HaulingTripLength	20.00	0.00
tblTripsAndVMT	HaulingTripLength	20.00	0.00
tblTripsAndVMT	HaulingTripLength	20.00	0.00
tblTripsAndVMT	HaulingTripLength	20.00	0.00
tblTripsAndVMT	HaulingTripLength	20.00	0.80
tblTripsAndVMT	HaulingTripLength	20.00	0.00
tblTripsAndVMT	HaulingTripLength	20.00	0.00
tblTripsAndVMT	HaulingTripNumber	0.00	360.00
tblTripsAndVMT	HaulingTripNumber	10,198.00	12,893.00
tblTripsAndVMT	HaulingTripNumber	0.00	288.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripNumber	0.00	8.00
tblTripsAndVMT	VendorTripNumber	0.00	8.00
tblTripsAndVMT	VendorTripNumber	0.00	8.00

[illegible]

tblTripsAndVMT	WorkerTripNumber	3,683.00	400.00
tblTripsAndVMT	WorkerTripNumber	3,683.00	800.00
tblTripsAndVMT	WorkerTripNumber	65.00	96.00
tblTripsAndVMT	WorkerTripNumber	110.00	150.00
tblTripsAndVMT	WorkerTripNumber	25.00	24.00
tblTripsAndVMT	WorkerTripNumber	25.00	36.00
tblTripsAndVMT	WorkerTripNumber	15.00	96.00
tblTripsAndVMT	WorkerTripNumber	30.00	192.00
tblTripsAndVMT	WorkerTripNumber	30.00	44.00
tblTripsAndVMT	WorkerTripNumber	15.00	36.00
tblTripsAndVMT	WorkerTripNumber	25.00	78.00
tblTripsAndVMT	WorkerTripNumber	20.00	44.00

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					
2018	32.4216	402.8598	221.7314	0.5920	639.6188	14.5916	653.3062	72.7363	13.4961	85.3470	0.0000	59,963.9678	59,963.9678	15.4948	0.0000	60,351.3378
2019	36.9102	432.2649	260.5420	0.6975	555.7013	16.1859	571.8871	57.0352	14.9023	71.9375	0.0000	70,036.6509	70,036.6509	17.8011	0.0000	70,481.6776
2020	72.6683	538.0338	399.0368	1.0480	618.5418	21.7456	640.2875	65.8866	20.3191	86.2058	0.0000	103,347.8521	103,347.8521	21.2489	0.0000	103,879.0759
2021	64.1604	415.4739	355.5162	0.8987	98.1643	17.7741	115.9384	13.8866	16.6303	30.5169	0.0000	88,500.3456	88,500.3456	16.8541	0.0000	88,921.6987
2022	54.8285	314.7770	302.5435	0.7913	76.2707	13.0473	89.3180	11.1827	12.2308	23.4135	0.0000	77,816.7440	77,816.7440	14.9269	0.0000	78,189.9154
2023	40.8268	163.2423	210.0501	0.5026	19.0136	7.3009	26.3144	5.0851	6.9132	11.9982	0.0000	49,551.3582	49,551.3582	6.9724	0.0000	49,725.6692

2024	37.7983	138.4438	188.3959	0.4554	17.2579	5.8149	23.0728	4.6129	5.5188	10.1317	0.0000	44,829.72 15	44,829.721 5	6.2139	0.0000	44,985.06 96
2025	44.8579	100.9446	140.3773	0.3121	8.0380	3.9971	11.5249	2.1481	3.8304	5.7952	0.0000	30,421.71 29	30,421.712 9	3.9141	0.0000	30,519.56 54
2026	44.7588	87.5614	130.1826	0.2840	8.0380	3.4853	11.5233	2.1481	3.4006	5.5487	0.0000	27,599.07 54	27,599.075 4	2.2460	0.0000	27,655.22 38
2027	44.6578	87.3847	129.3683	0.2820	8.0380	3.4828	11.5208	2.1481	3.3983	5.5463	0.0000	27,402.22 49	27,402.224 9	2.2383	0.0000	27,458.18 16
Maximum	72.6683	538.0338	399.0368	1.0480	639.6188	21.7456	653.3062	72.7363	20.3191	86.2058	0.0000	103,347.8 521	103,347.85 21	21.2489	0.0000	103,879.0 759

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					
2018	9.5754	81.5936	269.3045	0.5920	384.4190	1.0338	385.3104	42.1518	1.0211	43.0345	0.0000	59,963.96 78	59,963.967 8	15.4948	0.0000	60,351.33 78
2019	11.9501	89.8052	311.3974	0.6975	343.5301	1.2065	344.7366	35.8033	1.1895	36.9928	0.0000	70,036.65 09	70,036.650 9	17.8011	0.0000	70,481.67 76
2020	37.7888	108.2437	462.5117	1.0480	388.0081	1.5308	389.5389	42.8185	1.5079	44.3264	0.0000	103,347.8 521	103,347.85 21	21.2489	0.0000	103,879.0 758
2021	34.8974	68.9681	400.4462	0.8987	69.4116	1.1704	70.5820	11.0089	1.1554	12.1642	0.0000	88,500.34 56	88,500.345 6	16.8541	0.0000	88,921.69 87
2022	32.4795	56.8392	352.3548	0.7913	54.9325	1.0316	55.9641	9.0488	1.0192	10.0680	0.0000	77,816.74 40	77,816.744 0	14.9269	0.0000	78,189.91 53
2023	28.1054	30.9619	227.4993	0.5026	19.0136	0.5760	19.5896	5.0851	0.5665	5.6515	0.0000	49,551.35 82	49,551.358 2	6.9724	0.0000	49,725.66 91
2024	26.9590	27.1896	206.3221	0.4554	17.2579	0.5297	17.7876	4.6129	0.5212	5.1341	0.0000	44,829.72 15	44,829.721 5	6.2139	0.0000	44,985.06 96
2025	37.7133	17.8814	157.2859	0.3121	8.0380	0.3899	8.3770	2.1481	0.3864	2.4831	0.0000	30,421.71 28	30,421.712 8	3.9141	0.0000	30,519.56 54
2026	37.6142	15.1812	141.9887	0.2840	8.0380	0.3374	8.3754	2.1481	0.3336	2.4816	0.0000	27,599.07 54	27,599.075 4	2.2460	0.0000	27,655.22 38
2027	37.5131	15.0044	141.1743	0.2820	8.0380	0.3348	8.3729	2.1481	0.3312	2.4793	0.0000	27,402.22 49	27,402.224 9	2.2383	0.0000	27,458.18 16
Maximum	37.7888	108.2437	462.5117	1.0480	388.0081	1.5308	389.5389	42.8185	1.5079	44.3264	0.0000	103,347.8 521	103,347.85 21	21.2489	0.0000	103,879.0 758

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	37.83	80.91	-14.22	0.00	36.51	92.42	39.27	33.73	92.02	51.01	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	P1 Site Preparation	Site Preparation	1/10/2018	2/14/2018	6	31	
2	P1 Grading	Grading	1/29/2018	12/1/2020	6	890	
3	P1 Building Construction	Building Construction	3/16/2020	12/2/2024	6	1477	
4	P1 Trenching	Trenching	10/28/2018	5/3/2021	6	787	
5	P1 Architectural Coating	Architectural Coating	7/14/2020	12/2/2024	6	1374	
6	P1 Paving	Paving	7/17/2019	3/23/2022	6	841	
7	P1 Brush Management	Site Preparation	5/1/2019	6/1/2021	6	654	
8	P1 Reservoirs	Site Preparation	12/27/2018	7/3/2019	6	162	
9	P2 Site Preparation	Site Preparation	12/21/2020	1/18/2021	6	25	
10	P2 Grading	Grading	1/18/2021	11/18/2022	6	575	
11	P2 Building Construction	Building Construction	2/3/2025	11/30/2027	6	884	
12	P2 Trenching	Trenching	1/3/2022	3/25/2024	6	697	
13	P2 Architectural Coating	Architectural Coating	8/1/2025	11/30/2027	6	730	
14	P2 Paving	Paving	8/1/2022	5/1/2025	6	862	
15	P2 Brush Management	Site Preparation	11/1/2021	5/31/2023	6	495	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 97.6

Residential Indoor: 5,727,915; Residential Outdoor: 1,909,305; Non-Residential Indoor: 171,000; Non-Residential Outdoor: 57,000;

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
P2 Site Preparation	Crawler Tractors	3	8.00	212	0.43
P2 Site Preparation	Crushing/Proc. Equipment	1	8.00	85	0.78
P2 Grading	Crawler Tractors	7	8.00	212	0.43
P2 Grading	Bore/Drill Rigs	6	8.00	221	0.50
P2 Grading	Off-Highway Trucks	2	8.00	402	0.38
P2 Trenching	Excavators	4	8.00	158	0.38
P2 Trenching	Tractors/Loaders/Backhoes	4	8.00	97	0.37
P2 Paving	Tractors/Loaders/Backhoes	2	8.00	97	0.37
P2 Paving	Scrapers	2	8.00	367	0.48
P2 Brush Management	Trenchers	2	8.00	78	0.50
P1 Site Preparation	Air Compressors	1	6.00	78	0.48
P2 Architectural Coating	Air Compressors	10	6.00	78	0.48
P1 Architectural Coating	Air Compressors	20	6.00	78	0.48
P2 Building Construction	Cranes	4	7.00	231	0.29
P1 Building Construction	Cranes	8	8.00	231	0.29
P2 Grading	Excavators	2	8.00	158	0.38
P1 Grading	Excavators	5	8.00	158	0.38
P2 Building Construction	Forklifts	8	8.00	89	0.20
P1 Building Construction	Forklifts	8	8.00	89	0.20
P2 Building Construction	Generator Sets	20	8.00	84	0.74
P1 Building Construction	Generator Sets	8	8.00	84	0.74
P2 Grading	Graders	2	8.00	187	0.41
P1 Grading	Graders	4	8.00	187	0.41
P2 Paving	Pavers	1	8.00	130	0.42
P1 Paving	Pavers	1	8.00	130	0.42
P2 Paving	Paving Equipment	2	8.00	132	0.36
P1 Paving	Paving Equipment	2	8.00	132	0.36
P2 Paving	Rollers	3	8.00	80	0.38

P1 Paving	Rollers	3	8.00	80	0.38
P2 Grading	Rubber Tired Dozers	0	8.00	247	0.40
P1 Grading	Rubber Tired Dozers	0	8.00	247	0.40
P1 Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
P2 Brush Management	Rubber Tired Dozers	0	8.00	247	0.40
P1 Brush Management	Rubber Tired Dozers	0	8.00	247	0.40
P1 Reservoirs	Rubber Tired Dozers	0	8.00	247	0.40
P2 Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
P2 Grading	Scrapers	5	8.00	367	0.48
P1 Grading	Scrapers	5	8.00	367	0.48
P2 Building Construction	Tractors/Loaders/Backhoes	4	7.00	97	0.37
P1 Building Construction	Tractors/Loaders/Backhoes	4	8.00	97	0.37
P2 Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
P1 Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
P1 Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
P2 Brush Management	Tractors/Loaders/Backhoes	4	8.00	97	0.37
P1 Brush Management	Tractors/Loaders/Backhoes	8	8.00	97	0.37
P1 Reservoirs	Tractors/Loaders/Backhoes	4	8.00	97	0.37
P2 Site Preparation	Tractors/Loaders/Backhoes	2	8.00	97	0.37
P2 Building Construction	Welders	0	8.00	46	0.45
P1 Building Construction	Welders	0	8.00	46	0.45
Architectural Coating	Crawler Tractors	4	8.00	212	0.43
Architectural Coating	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Architectural Coating	Crushing/Proc. Equipment	1	8.00	85	0.78
P1 Grading	Crawler Tractors	11	8.00	212	0.43
P1 Grading	Bore/Drill Rigs	15	8.00	221	0.50
P1 Grading	Off-Highway Trucks	2	8.00	402	0.38
P1 Trenching	Excavators	2	8.00	158	0.38
P1 Trenching	Tractors/Loaders/Backhoes	8	8.00	97	0.37
P1 Paving	Tractors/Loaders/Backhoes	2	8.00	97	0.37

P1 Paving	Scrapers	2	8.00	367	0.48
P1 Brush Management	Trenchers	4	8.00	78	0.50
P1 Reservoirs	Excavators	1	8.00	158	0.38
P1 Reservoirs	Generator Sets	3	8.00	84	0.74
P1 Reservoirs	Aerial Lifts	4	8.00	63	0.31

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
P1 Site Preparation	8	24.00	8.00	360.00	20.00	20.00	0.40	LD_Mix	HDT_Mix	HHDT
P2 Architectural Coating	10	80.00	8.00	0.00	20.00	20.00	0.00	LD_Mix	HDT_Mix	HHDT
P1 Architectural Coating	20	160.00	8.00	0.00	20.00	20.00	0.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction	36	400.00	32.00	0.00	20.00	20.00	0.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction	28	800.00	40.00	0.00	20.00	20.00	0.00	LD_Mix	HDT_Mix	HHDT
P2 Grading	26	96.00	28.00	12,893.00	20.00	20.00	0.80	LD_Mix	HDT_Mix	HHDT
P1 Grading	44	150.00	36.00	290,071.00	20.00	20.00	0.40	LD_Mix	HDT_Mix	HHDT
P2 Paving	10	24.00	16.00	0.00	20.00	20.00	0.00	LD_Mix	HDT_Mix	HHDT
P1 Paving	10	36.00	20.00	0.00	20.00	20.00	0.00	LD_Mix	HDT_Mix	HHDT
P2 Brush Management	6	96.00	16.00	0.00	20.00	20.00	0.00	LD_Mix	HDT_Mix	HHDT
P1 Brush Management	12	192.00	28.00	0.00	20.00	20.00	0.00	LD_Mix	HDT_Mix	HHDT
P1 Reservoirs	12	44.00	4.00	0.00	20.00	20.00	0.00	LD_Mix	HDT_Mix	HHDT
P2 Site Preparation	6	36.00	8.00	288.00	20.00	20.00	0.80	LD_Mix	HDT_Mix	HHDT
P1 Trenching	10	78.00	32.00	0.00	20.00	20.00	0.00	LD_Mix	HDT_Mix	HHDT
P2 Trenching	8	44.00	24.00	0.00	20.00	20.00	0.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

- Use Cleaner Engines for Construction Equipment
- Water Exposed Area
- Reduce Vehicle Speed on Unpaved Roads
- Clean Paved Roads

3.2 P1 Site Preparation - 2018

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					37.3947	0.0000	37.3947	12.0177	0.0000	12.0177			0.0000			0.0000
Off-Road	4.8613	50.2045	24.3305	0.0410		2.7275	2.7275		2.5213	2.5213		4,113.0724	4,113.0724	1.2196		4,143.5619
Total	4.8613	50.2045	24.3305	0.0410	37.3947	2.7275	40.1222	12.0177	2.5213	14.5390		4,113.0724	4,113.0724	1.2196		4,143.5619

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	0.0291	1.2013	0.2401	1.2400e-003	6.8374	1.6300e-003	6.8390	0.6826	1.5600e-003	0.6842		133.8487	133.8487	0.0307		134.6163
Vendor	0.0906	2.0064	0.5548	5.2600e-003	0.1480	0.0219	0.1699	0.0426	0.0209	0.0635		562.5947	562.5947	0.0360		563.4933
Worker	0.1888	0.1438	1.3055	3.7100e-003	0.3649	2.5000e-003	0.3674	0.0968	2.3000e-003	0.0991		369.4786	369.4786	0.0122		369.7839
Total	0.3085	3.3515	2.1004	0.0102	7.3503	0.0260	7.3763	0.8219	0.0248	0.8467		1,065.9220	1,065.9220	0.0789		1,067.8935

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					14.5840	0.0000	14.5840	4.6869	0.0000	4.6869			0.0000			0.0000
Off-Road	0.4953	2.1463	22.7014	0.0410		0.0660	0.0660		0.0660	0.0660	0.0000	4,113.0724	4,113.0724	1.2196		4,143.5619
Total	0.4953	2.1463	22.7014	0.0410	14.5840	0.0660	14.6500	4.6869	0.0660	4.7529	0.0000	4,113.0724	4,113.0724	1.2196		4,143.5619

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	0.0291	1.2013	0.2401	1.2400e-003	4.1867	1.6300e-003	4.1883	0.4175	1.5600e-003	0.4191		133.8487	133.8487	0.0307		134.6163
Vendor	0.0906	2.0064	0.5548	5.2600e-003	0.1480	0.0219	0.1699	0.0426	0.0209	0.0635		562.5947	562.5947	0.0360		563.4933
Worker	0.1888	0.1438	1.3055	3.7100e-003	0.3649	2.5000e-003	0.3674	0.0968	2.3000e-003	0.0991		369.4786	369.4786	0.0122		369.7839
Total	0.3085	3.3515	2.1004	0.0102	4.6996	0.0260	4.7256	0.5569	0.0248	0.5817		1,065.9220	1,065.9220	0.0789		1,067.8935

3.3 P1 Grading - 2018

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					1.0396	0.0000	1.0396	0.1282	0.0000	0.1282			0.0000			0.0000

Off-Road	22.9105	293.4852	141.7841	0.3887		10.7742	10.7742		9.9123	9.9123		39,105.98 21	39,105.982 1	12.1742		39,410.33 77
Total	22.9105	293.4852	141.7841	0.3887	1.0396	10.7742	11.8138	0.1282	9.9123	10.0404		39,105.98 21	39,105.982 1	12.1742		39,410.33 77

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	0.8166	33.7153	6.7387	0.0347	590.8874	0.0458	590.9332	58.9721	0.0438	59.0159		3,756.537 0	3,756.5370	0.8617		3,778.079 3
Vendor	0.4075	9.0287	2.4965	0.0237	0.6661	0.0984	0.7645	0.1916	0.0942	0.2857		2,531.676 1	2,531.6761	0.1618		2,535.720 0
Worker	1.1800	0.8987	8.1590	0.0232	2.2806	0.0156	2.2962	0.6048	0.0144	0.6192		2,309.241 5	2,309.2415	0.0763		2,311.149 2
Total	2.4042	43.6427	17.3943	0.0815	593.8341	0.1598	593.9939	59.7685	0.1523	59.9208		8,597.454 5	8,597.4545	1.0998		8,624.948 6

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					0.4055	0.0000	0.4055	0.0500	0.0000	0.0500			0.0000			0.0000
Off-Road	4.7961	20.7832	185.6986	0.3887		0.6395	0.6395		0.6395	0.6395	0.0000	39,105.98 21	39,105.982 1	12.1742		39,410.33 77
Total	4.7961	20.7832	185.6986	0.3887	0.4055	0.6395	1.0449	0.0500	0.6395	0.6895	0.0000	39,105.98 21	39,105.982 1	12.1742		39,410.33 77

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	0.8166	33.7153	6.7387	0.0347	361.7834	0.0458	361.8291	36.0617	0.0438	36.1055		3,756.5370	3,756.5370	0.8617		3,778.0793
Vendor	0.4075	9.0287	2.4965	0.0237	0.6661	0.0984	0.7645	0.1916	0.0942	0.2857		2,531.6761	2,531.6761	0.1618		2,535.7200
Worker	1.1800	0.8987	8.1590	0.0232	2.2806	0.0156	2.2962	0.6048	0.0144	0.6192		2,309.2415	2,309.2415	0.0763		2,311.1492
Total	2.4042	43.6427	17.3943	0.0815	364.7301	0.1598	364.8899	36.8581	0.1523	37.0104		8,597.4545	8,597.4545	1.0998		8,624.9486

3.3 P1 Grading - 2019

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					1.0396	0.0000	1.0396	0.1282	0.0000	0.1282			0.0000			0.0000
Off-Road	21.3760	266.7658	136.0700	0.3883		9.7440	9.7440		8.9645	8.9645		38,433.5284	38,433.5284	12.1600		38,737.5274
Total	21.3760	266.7658	136.0700	0.3883	1.0396	9.7440	10.7837	0.1282	8.9645	9.0927		38,433.5284	38,433.5284	12.1600		38,737.5274

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	0.7598	32.7269	6.3312	0.0345	545.5824	0.0408	545.6232	54.4513	0.0390	54.4903		3,747.3660	3,747.3660	0.8228		3,767.9362
Vendor	0.3619	8.3466	2.3010	0.0234	0.6661	0.0823	0.7484	0.1916	0.0787	0.2703		2,510.4433	2,510.4433	0.1579		2,514.3897
Worker	1.0917	0.8041	7.3452	0.0225	2.2806	0.0155	2.2961	0.6048	0.0142	0.6190		2,239.4723	2,239.4723	0.0690		2,241.1969
Total	2.2134	41.8776	15.9774	0.0804	548.5291	0.1385	548.6676	55.2476	0.1320	55.3796		8,497.2816	8,497.2816	1.0497		8,523.5228

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					0.4055	0.0000	0.4055	0.0500	0.0000	0.0500			0.0000			0.0000
Off-Road	4.7961	20.7832	185.6986	0.3883		0.6395	0.6395		0.6395	0.6395	0.0000	38,433.5283	38,433.5283	12.1600		38,737.5274
Total	4.7961	20.7832	185.6986	0.3883	0.4055	0.6395	1.0449	0.0500	0.6395	0.6895	0.0000	38,433.5283	38,433.5283	12.1600		38,737.5274

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	0.7598	32.7269	6.3312	0.0345	334.0454	0.0408	334.0862	33.2976	0.0390	33.3366		3,747.3660	3,747.3660	0.8228		3,767.9362
Vendor	0.3619	8.3466	2.3010	0.0234	0.6661	0.0823	0.7484	0.1916	0.0787	0.2703		2,510.4433	2,510.4433	0.1579		2,514.3897
Worker	1.0917	0.8041	7.3452	0.0225	2.2806	0.0155	2.2961	0.6048	0.0142	0.6190		2,239.4723	2,239.4723	0.0690		2,241.1969
Total	2.2134	41.8776	15.9774	0.0804	336.9921	0.1385	337.1307	34.0939	0.1320	34.2259		8,497.2816	8,497.2816	1.0497		8,523.5228

3.3 P1 Grading - 2020

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					1.0396	0.0000	1.0396	0.1282	0.0000	0.1282			0.0000			0.0000
Off-Road	20.3778	247.8385	131.8979	0.3887		9.0227	9.0227		8.3009	8.3009		37,634.3786	37,634.3786	12.1717		37,938.6716
Total	20.3778	247.8385	131.8979	0.3887	1.0396	9.0227	10.0623	0.1282	8.3009	8.4290		37,634.3786	37,634.3786	12.1717		37,938.6716

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	0.6754	31.5596	5.8475	0.0345	592.9390	0.0288	592.9677	59.1769	0.0275	59.2044		3,754.1634	3,754.1634	0.7631		3,773.2400
Vendor	0.2871	7.3461	2.0529	0.0232	0.6660	0.0526	0.7186	0.1916	0.0503	0.2419		2,489.2691	2,489.2691	0.1517		2,493.0626
Worker	1.0240	0.7261	6.7199	0.0218	2.2806	0.0152	2.2958	0.6048	0.0140	0.6188		2,168.7013	2,168.7013	0.0624		2,170.2609
Total	1.9865	39.6318	14.6202	0.0795	595.8856	0.0965	595.9822	59.9732	0.0918	60.0650		8,412.1338	8,412.1338	0.9772		8,436.5635

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					0.4055	0.0000	0.4055	0.0500	0.0000	0.0500			0.0000			0.0000
Off-Road	4.7961	20.7832	185.6986	0.3887		0.6395	0.6395		0.6395	0.6395	0.0000	37,634.3786	37,634.3786	12.1717		37,938.6716
Total	4.7961	20.7832	185.6986	0.3887	0.4055	0.6395	1.0449	0.0500	0.6395	0.6895	0.0000	37,634.3786	37,634.3786	12.1717		37,938.6716

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	0.6754	31.5596	5.8475	0.0345	363.0395	0.0288	363.0682	36.1869	0.0275	36.2144		3,754.1634	3,754.1634	0.7631		3,773.2400
Vendor	0.2871	7.3461	2.0529	0.0232	0.6660	0.0526	0.7186	0.1916	0.0503	0.2419		2,489.2691	2,489.2691	0.1517		2,493.0626
Worker	1.0240	0.7261	6.7199	0.0218	2.2806	0.0152	2.2958	0.6048	0.0140	0.6188		2,168.7013	2,168.7013	0.0624		2,170.2609
Total	1.9865	39.6318	14.6202	0.0795	365.9861	0.0965	366.0827	36.9832	0.0918	37.0751		8,412.1338	8,412.1338	0.9772		8,436.5635

3.4 P1 Building Construction - 2020

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	8.8098	89.7617	65.1282	0.1234		4.6539	4.6539		4.4072	4.4072		11,841.9143	11,841.9143	2.4986		11,904.3782

Total	8.8098	89.7617	65.1282	0.1234		4.6539	4.6539		4.4072	4.4072		11,841.91 43	11,841.914 3	2.4986		11,904.37 82

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	0.3190	8.1623	2.2810	0.0258	0.7401	0.0584	0.7985	0.2128	0.0559	0.2687		2,765.854 6	2,765.8546	0.1686		2,770.069 6
Worker	5.4614	3.8728	35.8392	0.1160	12.1633	0.0812	12.2444	3.2254	0.0748	3.3002		11,566.40 71	11,566.407 1	0.3327		11,574.72 48
Total	5.7804	12.0351	38.1202	0.1418	12.9034	0.1396	13.0429	3.4382	0.1307	3.5689		14,332.26 17	14,332.261 7	0.5013		14,344.79 44

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	1.3960	6.0492	71.9062	0.1234		0.1861	0.1861		0.1861	0.1861	0.0000	11,841.91 43	11,841.914 3	2.4986		11,904.37 82
Total	1.3960	6.0492	71.9062	0.1234		0.1861	0.1861		0.1861	0.1861	0.0000	11,841.91 43	11,841.914 3	2.4986		11,904.37 82

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	0.3190	8.1623	2.2810	0.0258	0.7401	0.0584	0.7985	0.2128	0.0559	0.2687		2,765.8546	2,765.8546	0.1686		2,770.0696
Worker	5.4614	3.8728	35.8392	0.1160	12.1633	0.0812	12.2444	3.2254	0.0748	3.3002		11,566.4071	11,566.4071	0.3327		11,574.7248
Total	5.7804	12.0351	38.1202	0.1418	12.9034	0.1396	13.0429	3.4382	0.1307	3.5689		14,332.2617	14,332.2617	0.5013		14,344.7944

3.4 P1 Building Construction - 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					
Off-Road	7.9462	81.1402	63.7242	0.1234		4.0336	4.0336		3.8183	3.8183		11,842.0336	11,842.0336	2.4723		11,903.8407
Total	7.9462	81.1402	63.7242	0.1234		4.0336	4.0336		3.8183	3.8183		11,842.0336	11,842.0336	2.4723		11,903.8407

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	0.2485	7.0868	2.0470	0.0255	0.7401	0.0220	0.7621	0.2128	0.0211	0.2339		2,740.6046	2,740.6046	0.1632		2,744.6843
Worker	5.1679	3.5235	33.5135	0.1121	12.1633	0.0799	12.2432	3.2254	0.0736	3.2990		11,177.3768	11,177.3768	0.3072		11,185.0579
Total	5.4164	10.6102	35.5605	0.1376	12.9034	0.1019	13.0052	3.4382	0.0946	3.5329		13,917.9814	13,917.9814	0.4704		13,929.7422

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	1.3960	6.0492	71.9062	0.1234		0.1861	0.1861		0.1861	0.1861	0.0000	11,842.0336	11,842.0336	2.4723		11,903.8407
Total	1.3960	6.0492	71.9062	0.1234		0.1861	0.1861		0.1861	0.1861	0.0000	11,842.0336	11,842.0336	2.4723		11,903.8407

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	0.2485	7.0868	2.0470	0.0255	0.7401	0.0220	0.7621	0.2128	0.0211	0.2339		2,740.6046	2,740.6046	0.1632		2,744.6843
Worker	5.1679	3.5235	33.5135	0.1121	12.1633	0.0799	12.2432	3.2254	0.0736	3.2990		11,177.3768	11,177.3768	0.3072		11,185.0579
Total	5.4164	10.6102	35.5605	0.1376	12.9034	0.1019	13.0052	3.4382	0.0946	3.5329		13,917.9814	13,917.9814	0.4704		13,929.7422

3.4 P1 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	7.1914	72.0420	62.7280	0.1235		3.4846	3.4846		3.2999	3.2999		11,844.1218	11,844.1218	2.4554		11,905.5072
Total	7.1914	72.0420	62.7280	0.1235		3.4846	3.4846		3.2999	3.2999		11,844.1218	11,844.1218	2.4554		11,905.5072

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	0.2321	6.5688	1.9603	0.0252	0.7401	0.0190	0.7590	0.2128	0.0182	0.2310		2,714.1333	2,714.1333	0.1604		2,718.1432
Worker	4.9105	3.2159	31.1394	0.1080	12.1633	0.0781	12.2414	3.2254	0.0719	3.2973		10,767.2713	10,767.2713	0.2815		10,774.3092
Total	5.1426	9.7847	33.0997	0.1332	12.9034	0.0971	13.0004	3.4382	0.0901	3.5283		13,481.4047	13,481.4047	0.4419		13,492.4524

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	1.3960	6.0492	71.9062	0.1235		0.1861	0.1861		0.1861	0.1861	0.0000	11,844.1218	11,844.1218	2.4554		11,905.5072
Total	1.3960	6.0492	71.9062	0.1235		0.1861	0.1861		0.1861	0.1861	0.0000	11,844.1218	11,844.1218	2.4554		11,905.5072

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	0.2321	6.5688	1.9603	0.0252	0.7401	0.0190	0.7590	0.2128	0.0182	0.2310		2,714.1333	2,714.1333	0.1604		2,718.1432
Worker	4.9105	3.2159	31.1394	0.1080	12.1633	0.0781	12.2414	3.2254	0.0719	3.2973		10,767.2713	10,767.2713	0.2815		10,774.3092
Total	5.1426	9.7847	33.0997	0.1332	12.9034	0.0971	13.0004	3.4382	0.0901	3.5283		13,481.4047	13,481.4047	0.4419		13,492.4524

3.4 P1 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	6.6840	66.0689	62.1139	0.1235		3.0785	3.0785		2.9143	2.9143		11,845.3831	11,845.3831	2.4383		11,906.3402

Total	6.6840	66.0689	62.1139	0.1235		3.0785	3.0785		2.9143	2.9143		11,845.3831	11,845.3831	2.4383		11,906.3402

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	0.1770	4.7586	1.7934	0.0246	0.7400	9.0600e-003	0.7491	0.2128	8.6600e-003	0.2215		2,649.7518	2,649.7518	0.1520		2,653.5508
Worker	4.6750	2.9387	28.8947	0.1038	12.1633	0.0765	12.2398	3.2254	0.0705	3.2959		10,355.6586	10,355.6586	0.2575		10,362.0956
Total	4.8520	7.6974	30.6881	0.1284	12.9033	0.0856	12.9889	3.4382	0.0791	3.5174		13,005.4104	13,005.4104	0.4094		13,015.6464

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	1.3960	6.0492	71.9062	0.1235		0.1861	0.1861		0.1861	0.1861	0.0000	11,845.3831	11,845.3831	2.4383		11,906.3402
Total	1.3960	6.0492	71.9062	0.1235		0.1861	0.1861		0.1861	0.1861	0.0000	11,845.3831	11,845.3831	2.4383		11,906.3402

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	0.1770	4.7586	1.7934	0.0246	0.7400	9.0600e-003	0.7491	0.2128	8.6600e-003	0.2215		2,649.7518	2,649.7518	0.1520		2,653.5508
Worker	4.6750	2.9387	28.8947	0.1038	12.1633	0.0765	12.2398	3.2254	0.0705	3.2959		10,355.6586	10,355.6586	0.2575		10,362.0956
Total	4.8520	7.6974	30.6881	0.1284	12.9033	0.0856	12.9889	3.4382	0.0791	3.5174		13,005.4104	13,005.4104	0.4094		13,015.6464

3.4 P1 Building Construction - 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	6.2636	61.2519	61.5656	0.1235		2.7263	2.7263		2.5791	2.5791		11,846.0489	11,846.0489	2.4210		11,906.5728
Total	6.2636	61.2519	61.5656	0.1235		2.7263	2.7263		2.5791	2.5791		11,846.0489	11,846.0489	2.4210		11,906.5728

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	0.1721	4.6729	1.7588	0.0244	0.7400	8.8900e-003	0.7489	0.2128	8.5000e-003	0.2213		2,635.5354	2,635.5354	0.1520		2,639.3353
Worker	4.4657	2.6976	27.0018	0.0997	12.1633	0.0751	12.2384	3.2254	0.0691	3.2945		9,947.6959	9,947.6959	0.2366		9,953.6105
Total	4.6378	7.3705	28.7605	0.1241	12.9033	0.0840	12.9873	3.4382	0.0776	3.5159		12,583.2313	12,583.2313	0.3886		12,592.9458

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	1.3960	6.0492	71.9062	0.1235		0.1861	0.1861		0.1861	0.1861	0.0000	11,846.0489	11,846.0489	2.4210		11,906.5728
Total	1.3960	6.0492	71.9062	0.1235		0.1861	0.1861		0.1861	0.1861	0.0000	11,846.0489	11,846.0489	2.4210		11,906.5728

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	0.1721	4.6729	1.7588	0.0244	0.7400	8.8900e-003	0.7489	0.2128	8.5000e-003	0.2213		2,635.5354	2,635.5354	0.1520		2,639.3353
Worker	4.4657	2.6976	27.0018	0.0997	12.1633	0.0751	12.2384	3.2254	0.0691	3.2945		9,947.6959	9,947.6959	0.2366		9,953.6105
Total	4.6378	7.3705	28.7605	0.1241	12.9033	0.0840	12.9873	3.4382	0.0776	3.5159		12,583.2313	12,583.2313	0.3886		12,592.9458

3.5 P1 Trenching - 2018

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	2.7014	27.1752	25.2020	0.0351		1.7862	1.7862		1.6433	1.6433		3,536.4295	3,536.4295	1.1009		3,563.9530
Total	2.7014	27.1752	25.2020	0.0351		1.7862	1.7862		1.6433	1.6433		3,536.4295	3,536.4295	1.1009		3,563.9530

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	0.3623	8.0255	2.2191	0.0211	0.5921	0.0875	0.6795	0.1703	0.0837	0.2540		2,250.3787	2,250.3787	0.1438		2,253.9734
Worker	0.6136	0.4673	4.2427	0.0121	1.1859	8.1200e-003	1.1940	0.3145	7.4800e-003	0.3220		1,200.8056	1,200.8056	0.0397		1,201.7976
Total	0.9759	8.4928	6.4618	0.0331	1.7780	0.0956	1.8736	0.4848	0.0912	0.5759		3,451.1843	3,451.1843	0.1835		3,455.7710

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	0.4303	1.8647	26.5358	0.0351		0.0574	0.0574		0.0574	0.0574	0.0000	3,536.4295	3,536.4295	1.1009		3,563.9530
Total	0.4303	1.8647	26.5358	0.0351		0.0574	0.0574		0.0574	0.0574	0.0000	3,536.4295	3,536.4295	1.1009		3,563.9530

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	0.3623	8.0255	2.2191	0.0211	0.5921	0.0875	0.6795	0.1703	0.0837	0.2540		2,250.3787	2,250.3787	0.1438		2,253.9734
Worker	0.6136	0.4673	4.2427	0.0121	1.1859	8.1200e-003	1.1940	0.3145	7.4800e-003	0.3220		1,200.8056	1,200.8056	0.0397		1,201.7976
Total	0.9759	8.4928	6.4618	0.0331	1.7780	0.0956	1.8736	0.4848	0.0912	0.5759		3,451.1843	3,451.1843	0.1835		3,455.7710

3.5 P1 Trenching - 2019

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	2.3790	24.0137	24.9058	0.0351		1.5032	1.5032		1.3830	1.3830		3,477.7230	3,477.7230	1.1003		3,505.2308

Total	2.3790	24.0137	24.9058	0.0351		1.5032	1.5032		1.3830	1.3830		3,477.7230	3,477.7230	1.1003		3,505.2308

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	0.3217	7.4192	2.0453	0.0208	0.5920	0.0732	0.6652	0.1703	0.0700	0.2403		2,231.5052	2,231.5052	0.1403		2,235.0131
Worker	0.5677	0.4181	3.8195	0.0117	1.1859	8.0400e-003	1.1940	0.3145	7.4100e-003	0.3219		1,164.5256	1,164.5256	0.0359		1,165.4224
Total	0.8894	7.8373	5.8649	0.0325	1.7780	0.0812	1.8592	0.4848	0.0774	0.5622		3,396.0308	3,396.0308	0.1762		3,400.4355

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	0.4303	1.8647	26.5358	0.0351		0.0574	0.0574		0.0574	0.0574	0.0000	3,477.7230	3,477.7230	1.1003		3,505.2308
Total	0.4303	1.8647	26.5358	0.0351		0.0574	0.0574		0.0574	0.0574	0.0000	3,477.7230	3,477.7230	1.1003		3,505.2308

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	0.3217	7.4192	2.0453	0.0208	0.5920	0.0732	0.6652	0.1703	0.0700	0.2403		2,231.5052	2,231.5052	0.1403		2,235.0131
Worker	0.5677	0.4181	3.8195	0.0117	1.1859	8.0400e-003	1.1940	0.3145	7.4100e-003	0.3219		1,164.5256	1,164.5256	0.0359		1,165.4224
Total	0.8894	7.8373	5.8649	0.0325	1.7780	0.0812	1.8592	0.4848	0.0774	0.5622		3,396.0308	3,396.0308	0.1762		3,400.4355

3.5 P1 Trenching - 2020

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	2.1616	21.6223	24.7319	0.0351		1.2955	1.2955		1.1919	1.1919		3,401.6314	3,401.6314	1.1002		3,429.1354
Total	2.1616	21.6223	24.7319	0.0351		1.2955	1.2955		1.1919	1.1919		3,401.6314	3,401.6314	1.1002		3,429.1354

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	0.2552	6.5299	1.8248	0.0206	0.5920	0.0467	0.6388	0.1703	0.0447	0.2150		2,212.6837	2,212.6837	0.1349		2,216.0557
Worker	0.5325	0.3776	3.4943	0.0113	1.1859	7.9100e-003	1.1938	0.3145	7.2900e-003	0.3218		1,127.7247	1,127.7247	0.0324		1,128.5357
Total	0.7877	6.9075	5.3191	0.0319	1.7780	0.0546	1.8326	0.4848	0.0520	0.5368		3,340.4083	3,340.4083	0.1673		3,344.5913

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	0.4303	1.8647	26.5358	0.0351		0.0574	0.0574		0.0574	0.0574	0.0000	3,401.6314	3,401.6314	1.1002		3,429.1353
Total	0.4303	1.8647	26.5358	0.0351		0.0574	0.0574		0.0574	0.0574	0.0000	3,401.6314	3,401.6314	1.1002		3,429.1353

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	0.2552	6.5299	1.8248	0.0206	0.5920	0.0467	0.6388	0.1703	0.0447	0.2150		2,212.6837	2,212.6837	0.1349		2,216.0557
Worker	0.5325	0.3776	3.4943	0.0113	1.1859	7.9100e-003	1.1938	0.3145	7.2900e-003	0.3218		1,127.7247	1,127.7247	0.0324		1,128.5357
Total	0.7877	6.9075	5.3191	0.0319	1.7780	0.0546	1.8326	0.4848	0.0520	0.5368		3,340.4083	3,340.4083	0.1673		3,344.5913

3.5 P1 Trenching - 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					
Off-Road	1.9528	19.4333	24.5849	0.0351		1.1005	1.1005		1.0125	1.0125		3,402.8275	3,402.8275	1.1005		3,430.3411
Total	1.9528	19.4333	24.5849	0.0351		1.1005	1.1005		1.0125	1.0125		3,402.8275	3,402.8275	1.1005		3,430.3411

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	0.1988	5.6694	1.6376	0.0204	0.5920	0.0176	0.6097	0.1703	0.0168	0.1871		2,192.4836	2,192.4836	0.1306		2,195.7475
Worker	0.5039	0.3435	3.2676	0.0109	1.1859	7.7900e-003	1.1937	0.3145	7.1700e-003	0.3217		1,089.7942	1,089.7942	0.0300		1,090.5432
Total	0.7027	6.0129	4.9051	0.0313	1.7780	0.0254	1.8034	0.4848	0.0240	0.5088		3,282.2779	3,282.2779	0.1605		3,286.2906

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	0.4303	1.8647	26.5358	0.0351		0.0574	0.0574		0.0574	0.0574	0.0000	3,402.8275	3,402.8275	1.1005		3,430.3411
Total	0.4303	1.8647	26.5358	0.0351		0.0574	0.0574		0.0574	0.0574	0.0000	3,402.8275	3,402.8275	1.1005		3,430.3411

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	0.1988	5.6694	1.6376	0.0204	0.5920	0.0176	0.6097	0.1703	0.0168	0.1871		2,192.4836	2,192.4836	0.1306		2,195.7475
Worker	0.5039	0.3435	3.2676	0.0109	1.1859	7.7900e-003	1.1937	0.3145	7.1700e-003	0.3217		1,089.7942	1,089.7942	0.0300		1,090.5432
Total	0.7027	6.0129	4.9051	0.0313	1.7780	0.0254	1.8034	0.4848	0.0240	0.5088		3,282.2779	3,282.2779	0.1605		3,286.2906

3.6 P1 Architectural Coating - 2020

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	17.4432					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Off-Road	4.8435	33.6768	36.6284	0.0594		2.2187	2.2187		2.2187	2.2187		5,628.9610	5,628.9610	0.4358		5,639.8564
Total	22.2867	33.6768	36.6284	0.0594		2.2187	2.2187		2.2187	2.2187		5,628.9610	5,628.9610	0.4358		5,639.8564

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	0.0638	1.6325	0.4562	5.1600e-003	0.1480	0.0117	0.1597	0.0426	0.0112	0.0538		553.1709	553.1709	0.0337		554.0139
Worker	1.0923	0.7746	7.1678	0.0232	2.4327	0.0162	2.4489	0.6451	0.0150	0.6600		2,313.2814	2,313.2814	0.0665		2,314.9450
Total	1.1561	2.4070	7.6240	0.0284	2.5807	0.0279	2.6086	0.6877	0.0261	0.7138		2,866.4523	2,866.4523	0.1003		2,868.9589

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	17.4432					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5943	2.5753	36.6482	0.0594		0.0792	0.0792		0.0792	0.0792	0.0000	5,628.9610	5,628.9610	0.4358		5,639.8564
Total	18.0375	2.5753	36.6482	0.0594		0.0792	0.0792		0.0792	0.0792	0.0000	5,628.9610	5,628.9610	0.4358		5,639.8564

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	0.0638	1.6325	0.4562	5.1600e-003	0.1480	0.0117	0.1597	0.0426	0.0112	0.0538		553.1709	553.1709	0.0337		554.0139
Worker	1.0923	0.7746	7.1678	0.0232	2.4327	0.0162	2.4489	0.6451	0.0150	0.6600		2,313.2814	2,313.2814	0.0665		2,314.9450
Total	1.1561	2.4070	7.6240	0.0284	2.5807	0.0279	2.6086	0.6877	0.0261	0.7138		2,866.4523	2,866.4523	0.1003		2,868.9589

3.6 P1 Architectural Coating - 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					
Archit. Coating	17.4432					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	4.3780	30.5369	36.3511	0.0594		1.8819	1.8819		1.8819	1.8819		5,628.9610	5,628.9610	0.3863		5,638.6183
Total	21.8211	30.5369	36.3511	0.0594		1.8819	1.8819		1.8819	1.8819		5,628.9610	5,628.9610	0.3863		5,638.6183

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	0.0497	1.4174	0.4094	5.1000e-003	0.1480	4.4000e-003	0.1524	0.0426	4.2100e-003	0.0468		548.1209	548.1209	0.0326		548.9369
Worker	1.0336	0.7047	6.7027	0.0224	2.4327	0.0160	2.4486	0.6451	0.0147	0.6598		2,235.4754	2,235.4754	0.0615		2,237.0116
Total	1.0833	2.1221	7.1121	0.0275	2.5807	0.0204	2.6010	0.6877	0.0189	0.7066		2,783.5963	2,783.5963	0.0941		2,785.9484

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	17.4432					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5943	2.5753	36.6482	0.0594		0.0792	0.0792		0.0792	0.0792	0.0000	5,628.9610	5,628.9610	0.3863		5,638.6183
Total	18.0375	2.5753	36.6482	0.0594		0.0792	0.0792		0.0792	0.0792	0.0000	5,628.9610	5,628.9610	0.3863		5,638.6183

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	0.0497	1.4174	0.4094	5.1000e-003	0.1480	4.4000e-003	0.1524	0.0426	4.2100e-003	0.0468		548.1209	548.1209	0.0326		548.9369
Worker	1.0336	0.7047	6.7027	0.0224	2.4327	0.0160	2.4486	0.6451	0.0147	0.6598		2,235.4754	2,235.4754	0.0615		2,237.0116
Total	1.0833	2.1221	7.1121	0.0275	2.5807	0.0204	2.6010	0.6877	0.0189	0.7066		2,783.5963	2,783.5963	0.0941		2,785.9484

3.6 P1 Architectural Coating - 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					
Archit. Coating	17.4432					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	4.0907	28.1696	36.2719	0.0594		1.6343	1.6343		1.6343	1.6343		5,628.9610	5,628.9610	0.3665		5,638.1230
Total	21.5339	28.1696	36.2719	0.0594		1.6343	1.6343		1.6343	1.6343		5,628.9610	5,628.9610	0.3665		5,638.1230

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	0.0464	1.3138	0.3921	5.0500e-003	0.1480	3.8000e-003	0.1518	0.0426	3.6300e-003	0.0462		542.8267	542.8267	0.0321		543.6286
Worker	0.9821	0.6432	6.2279	0.0216	2.4327	0.0156	2.4483	0.6451	0.0144	0.6595		2,153.4543	2,153.4543	0.0563		2,154.8618
Total	1.0285	1.9569	6.6199	0.0266	2.5807	0.0194	2.6001	0.6877	0.0180	0.7057		2,696.2809	2,696.2809	0.0884		2,698.4905

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	17.4432					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5943	2.5753	36.6482	0.0594		0.0792	0.0792		0.0792	0.0792	0.0000	5,628.9610	5,628.9610	0.3665		5,638.1230
Total	18.0375	2.5753	36.6482	0.0594		0.0792	0.0792		0.0792	0.0792	0.0000	5,628.9610	5,628.9610	0.3665		5,638.1230

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	0.0464	1.3138	0.3921	5.0500e-003	0.1480	3.8000e-003	0.1518	0.0426	3.6300e-003	0.0462		542.8267	542.8267	0.0321		543.6286
Worker	0.9821	0.6432	6.2279	0.0216	2.4327	0.0156	2.4483	0.6451	0.0144	0.6595		2,153.4543	2,153.4543	0.0563		2,154.8618
Total	1.0285	1.9569	6.6199	0.0266	2.5807	0.0194	2.6001	0.6877	0.0180	0.7057		2,696.2809	2,696.2809	0.0884		2,698.4905

3.6 P1 Architectural Coating - 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					
Archit. Coating	17.4432					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Off-Road	3.8332	26.0599	36.2223	0.0594		1.4164	1.4164		1.4164	1.4164		5,628.9610	5,628.9610	0.3368		5,637.3802
Total	21.2764	26.0599	36.2223	0.0594		1.4164	1.4164		1.4164	1.4164		5,628.9610	5,628.9610	0.3368		5,637.3802

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	0.0354	0.9517	0.3587	4.9200e-003	0.1480	1.8100e-003	0.1498	0.0426	1.7300e-003	0.0443		529.9504	529.9504	0.0304		530.7102
Worker	0.9350	0.5878	5.7789	0.0208	2.4327	0.0153	2.4480	0.6451	0.0141	0.6592		2,071.1317	2,071.1317	0.0515		2,072.4191
Total	0.9704	1.5395	6.1376	0.0257	2.5807	0.0171	2.5978	0.6877	0.0158	0.7035		2,601.0821	2,601.0821	0.0819		2,603.1293

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	17.4432					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5943	2.5753	36.6482	0.0594		0.0792	0.0792		0.0792	0.0792	0.0000	5,628.9610	5,628.9610	0.3368		5,637.3802
Total	18.0375	2.5753	36.6482	0.0594		0.0792	0.0792		0.0792	0.0792	0.0000	5,628.9610	5,628.9610	0.3368		5,637.3802

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	0.0354	0.9517	0.3587	4.9200e-003	0.1480	1.8100e-003	0.1498	0.0426	1.7300e-003	0.0443		529.9504	529.9504	0.0304		530.7102
Worker	0.9350	0.5878	5.7789	0.0208	2.4327	0.0153	2.4480	0.6451	0.0141	0.6592		2,071.1317	2,071.1317	0.0515		2,072.4191
Total	0.9704	1.5395	6.1376	0.0257	2.5807	0.0171	2.5978	0.6877	0.0158	0.7035		2,601.0821	2,601.0821	0.0819		2,603.1293

3.6 P1 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	17.4432					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	3.6153	24.3760	36.2025	0.0594		1.2183	1.2183		1.2183	1.2183		5,628.9610	5,628.9610	0.3170		5,636.8849
Total	21.0585	24.3760	36.2025	0.0594		1.2183	1.2183		1.2183	1.2183		5,628.9610	5,628.9610	0.3170		5,636.8849

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	0.0344	0.9346	0.3518	4.8800e-003	0.1480	1.7800e-003	0.1498	0.0426	1.7000e-003	0.0443		527.1071	527.1071	0.0304		527.8671
Worker	0.8931	0.5395	5.4004	0.0199	2.4327	0.0150	2.4477	0.6451	0.0138	0.6589		1,989.5392	1,989.5392	0.0473		1,990.7221
Total	0.9276	1.4741	5.7521	0.0248	2.5807	0.0168	2.5975	0.6877	0.0155	0.7032		2,516.6463	2,516.6463	0.0777		2,518.5892

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	17.4432					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5943	2.5753	36.6482	0.0594		0.0792	0.0792		0.0792	0.0792	0.0000	5,628.9610	5,628.9610	0.3170		5,636.8849
Total	18.0375	2.5753	36.6482	0.0594		0.0792	0.0792		0.0792	0.0792	0.0000	5,628.9610	5,628.9610	0.3170		5,636.8849

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	0.0344	0.9346	0.3518	4.8800e-003	0.1480	1.7800e-003	0.1498	0.0426	1.7000e-003	0.0443		527.1071	527.1071	0.0304		527.8671
Worker	0.8931	0.5395	5.4004	0.0199	2.4327	0.0150	2.4477	0.6451	0.0138	0.6589		1,989.5392	1,989.5392	0.0473		1,990.7221
Total	0.9276	1.4741	5.7521	0.0248	2.5807	0.0168	2.5975	0.6877	0.0155	0.7032		2,516.6463	2,516.6463	0.0777		2,518.5892

3.7 P1 Paving - 2019

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	3.9982	44.9729	34.4606	0.0574		2.1468	2.1468		1.9750	1.9750		5,678.4053	5,678.4053	1.7966		5,723.3200
Paving	0.3041					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	4.3022	44.9729	34.4606	0.0574		2.1468	2.1468		1.9750	1.9750		5,678.4053	5,678.4053	1.7966		5,723.3200

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	0.2011	4.6370	1.2783	0.0130	0.3700	0.0457	0.4158	0.1064	0.0437	0.1502		1,394.6907	1,394.6907	0.0877		1,396.8832
Worker	0.2620	0.1930	1.7629	5.3900e-003	0.5474	3.7100e-003	0.5511	0.1451	3.4200e-003	0.1486		537.4734	537.4734	0.0166		537.8873
Total	0.4631	4.8300	3.0412	0.0184	0.9174	0.0494	0.9668	0.2516	0.0472	0.2987		1,932.1641	1,932.1641	0.1043		1,934.7704

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	0.7052	3.0559	34.1205	0.0574		0.0940	0.0940		0.0940	0.0940	0.0000	5,678.4053	5,678.4053	1.7966		5,723.3200
Paving	0.3041					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0093	3.0559	34.1205	0.0574		0.0940	0.0940		0.0940	0.0940	0.0000	5,678.4053	5,678.4053	1.7966		5,723.3200

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	0.2011	4.6370	1.2783	0.0130	0.3700	0.0457	0.4158	0.1064	0.0437	0.1502		1,394.6907	1,394.6907	0.0877		1,396.8832
Worker	0.2620	0.1930	1.7629	5.3900e-003	0.5474	3.7100e-003	0.5511	0.1451	3.4200e-003	0.1486		537.4734	537.4734	0.0166		537.8873
Total	0.4631	4.8300	3.0412	0.0184	0.9174	0.0494	0.9668	0.2516	0.0472	0.2987		1,932.1641	1,932.1641	0.1043		1,934.7704

3.7 P1 Paving - 2020

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	3.7151	41.1513	33.1799	0.0574		1.9353	1.9353		1.7805	1.7805		5,554.3265	5,554.3265	1.7964		5,599.2361

Paving	0.3041					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	4.0191	41.1513	33.1799	0.0574		1.9353	1.9353		1.7805	1.7805		5,554.3265	5,554.3265	1.7964		5,599.2361

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	0.1595	4.0812	1.1405	0.0129	0.3700	0.0292	0.3992	0.1064	0.0279	0.1344		1,382.9273	1,382.9273	0.0843		1,385.0348
Worker	0.2458	0.1743	1.6128	5.2200e-003	0.5474	3.6500e-003	0.5510	0.1451	3.3600e-003	0.1485		520.4883	520.4883	0.0150		520.8626
Total	0.4053	4.2554	2.7533	0.0181	0.9174	0.0329	0.9502	0.2516	0.0313	0.2829		1,903.4156	1,903.4156	0.0993		1,905.8974

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	0.7052	3.0559	34.1205	0.0574		0.0940	0.0940		0.0940	0.0940	0.0000	5,554.3265	5,554.3265	1.7964		5,599.2361
Paving	0.3041					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0093	3.0559	34.1205	0.0574		0.0940	0.0940		0.0940	0.0940	0.0000	5,554.3265	5,554.3265	1.7964		5,599.2361

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	0.1595	4.0812	1.1405	0.0129	0.3700	0.0292	0.3992	0.1064	0.0279	0.1344		1,382.9273	1,382.9273	0.0843		1,385.0348
Worker	0.2458	0.1743	1.6128	5.2200e-003	0.5474	3.6500e-003	0.5510	0.1451	3.3600e-003	0.1485		520.4883	520.4883	0.0150		520.8626
Total	0.4053	4.2554	2.7533	0.0181	0.9174	0.0329	0.9502	0.2516	0.0313	0.2829		1,903.4156	1,903.4156	0.0993		1,905.8974

3.7 P1 Paving - 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					
Off-Road	3.4401	37.5371	32.2105	0.0574		1.7295	1.7295		1.5912	1.5912		5,556.1015	5,556.1015	1.7970		5,601.0254
Paving	0.3041					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	3.7441	37.5371	32.2105	0.0574		1.7295	1.7295		1.5912	1.5912		5,556.1015	5,556.1015	1.7970		5,601.0254

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	0.1243	3.5434	1.0235	0.0128	0.3700	0.0110	0.3810	0.1064	0.0105	0.1170		1,370.3023	1,370.3023	0.0816		1,372.3422
Worker	0.2326	0.1586	1.5081	5.0400e-003	0.5474	3.5900e-003	0.5509	0.1451	3.3100e-003	0.1485		502.9820	502.9820	0.0138		503.3276
Total	0.3568	3.7019	2.5316	0.0178	0.9174	0.0146	0.9320	0.2516	0.0138	0.2654		1,873.2842	1,873.2842	0.0954		1,875.6698

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	0.7052	3.0559	34.1205	0.0574		0.0940	0.0940		0.0940	0.0940	0.0000	5,556.1015	5,556.1015	1.7970		5,601.0254
Paving	0.3041					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0093	3.0559	34.1205	0.0574		0.0940	0.0940		0.0940	0.0940	0.0000	5,556.1015	5,556.1015	1.7970		5,601.0254

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	0.1243	3.5434	1.0235	0.0128	0.3700	0.0110	0.3810	0.1064	0.0105	0.1170		1,370.3023	1,370.3023	0.0816		1,372.3422
Worker	0.2326	0.1586	1.5081	5.0400e-003	0.5474	3.5900e-003	0.5509	0.1451	3.3100e-003	0.1485		502.9820	502.9820	0.0138		503.3276
Total	0.3568	3.7019	2.5316	0.0178	0.9174	0.0146	0.9320	0.2516	0.0138	0.2654		1,873.2842	1,873.2842	0.0954		1,875.6698

3.7 P1 Paving - 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	3.0370	32.0660	30.8300	0.0574		1.4489	1.4489		1.3330	1.3330		5,561.8324	5,561.8324	1.7988		5,606.8026
Paving	0.3041					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	3.3410	32.0660	30.8300	0.0574		1.4489	1.4489		1.3330	1.3330		5,561.8324	5,561.8324	1.7988		5,606.8026

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	0.1161	3.2844	0.9802	0.0126	0.3700	9.4900e-003	0.3795	0.1064	9.0800e-003	0.1155		1,357.0667	1,357.0667	0.0802		1,359.0716
Worker	0.2210	0.1447	1.4013	4.8600e-003	0.5474	3.5100e-003	0.5509	0.1451	3.2400e-003	0.1484		484.5272	484.5272	0.0127		484.8439
Total	0.3370	3.4291	2.3814	0.0175	0.9174	0.0130	0.9304	0.2516	0.0123	0.2639		1,841.5939	1,841.5939	0.0929		1,843.9155

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	0.7052	3.0559	34.1205	0.0574		0.0940	0.0940		0.0940	0.0940	0.0000	5,561.8323	5,561.8323	1.7988		5,606.8026
Paving	0.3041					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0093	3.0559	34.1205	0.0574		0.0940	0.0940		0.0940	0.0940	0.0000	5,561.8323	5,561.8323	1.7988		5,606.8026

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	0.1161	3.2844	0.9802	0.0126	0.3700	9.4900e-003	0.3795	0.1064	9.0800e-003	0.1155		1,357.0667	1,357.0667	0.0802		1,359.0716
Worker	0.2210	0.1447	1.4013	4.8600e-003	0.5474	3.5100e-003	0.5509	0.1451	3.2400e-003	0.1484		484.5272	484.5272	0.0127		484.8439
Total	0.3370	3.4291	2.3814	0.0175	0.9174	0.0130	0.9304	0.2516	0.0123	0.2639		1,841.5939	1,841.5939	0.0929		1,843.9155

3.8 P1 Brush Management - 2019

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000

Off-Road	3.6084	34.4466	29.0306	0.0384		2.4389	2.4389		2.2438	2.2438		3,802.4262	3,802.4262	1.2031		3,832.5024
Total	3.6084	34.4466	29.0306	0.0384	0.0000	2.4389	2.4389	0.0000	2.2438	2.2438		3,802.4262	3,802.4262	1.2031		3,832.5024

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	0.2815	6.4918	1.7897	0.0182	0.5180	0.0640	0.5821	0.1490	0.0612	0.2102		1,952.5670	1,952.5670	0.1228		1,955.6364
Worker	1.3973	1.0292	9.4019	0.0288	2.9192	0.0198	2.9390	0.7741	0.0182	0.7923		2,866.5245	2,866.5245	0.0883		2,868.7320
Total	1.6788	7.5210	11.1915	0.0470	3.4372	0.0838	3.5210	0.9231	0.0795	1.0026		4,819.0916	4,819.0916	0.2111		4,824.3685

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4697	2.0356	28.9675	0.0384		0.0626	0.0626		0.0626	0.0626	0.0000	3,802.4262	3,802.4262	1.2031		3,832.5024
Total	0.4697	2.0356	28.9675	0.0384	0.0000	0.0626	0.0626	0.0000	0.0626	0.0626	0.0000	3,802.4262	3,802.4262	1.2031		3,832.5024

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	0.2815	6.4918	1.7897	0.0182	0.5180	0.0640	0.5821	0.1490	0.0612	0.2102		1,952.5670	1,952.5670	0.1228		1,955.6364
Worker	1.3973	1.0292	9.4019	0.0288	2.9192	0.0198	2.9390	0.7741	0.0182	0.7923		2,866.5245	2,866.5245	0.0883		2,868.7320
Total	1.6788	7.5210	11.1915	0.0470	3.4372	0.0838	3.5210	0.9231	0.0795	1.0026		4,819.0916	4,819.0916	0.2111		4,824.3685

3.8 P1 Brush Management - 2020

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	3.3634	32.1034	28.8355	0.0384		2.2076	2.2076		2.0310	2.0310		3,719.9326	3,719.9326	1.2031		3,750.0102
Total	3.3634	32.1034	28.8355	0.0384	0.0000	2.2076	2.2076	0.0000	2.0310	2.0310		3,719.9326	3,719.9326	1.2031		3,750.0102

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	0.2233	5.7136	1.5967	0.0181	0.5180	0.0409	0.5589	0.1490	0.0391	0.1881		1,936.0982	1,936.0982	0.1180		1,939.0487
Worker	1.3107	0.9295	8.6014	0.0279	2.9192	0.0195	2.9387	0.7741	0.0179	0.7920		2,775.9377	2,775.9377	0.0799		2,777.9339
Total	1.5340	6.6431	10.1981	0.0459	3.4372	0.0604	3.4976	0.9231	0.0571	0.9802		4,712.0359	4,712.0359	0.1979		4,716.9827

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4697	2.0356	28.9675	0.0384		0.0626	0.0626		0.0626	0.0626	0.0000	3,719.9326	3,719.9326	1.2031		3,750.0102
Total	0.4697	2.0356	28.9675	0.0384	0.0000	0.0626	0.0626	0.0000	0.0626	0.0626	0.0000	3,719.9326	3,719.9326	1.2031		3,750.0102

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	0.2233	5.7136	1.5967	0.0181	0.5180	0.0409	0.5589	0.1490	0.0391	0.1881		1,936.0982	1,936.0982	0.1180		1,939.0487
Worker	1.3107	0.9295	8.6014	0.0279	2.9192	0.0195	2.9387	0.7741	0.0179	0.7920		2,775.9377	2,775.9377	0.0799		2,777.9339
Total	1.5340	6.6431	10.1981	0.0459	3.4372	0.0604	3.4976	0.9231	0.0571	0.9802		4,712.0359	4,712.0359	0.1979		4,716.9827

3.8 P1 Brush Management - 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	3.0357	29.2850	28.5593	0.0384		1.9193	1.9193		1.7658	1.7658		3,721.4291	3,721.4291	1.2036		3,751.5187
Total	3.0357	29.2850	28.5593	0.0384	0.0000	1.9193	1.9193	0.0000	1.7658	1.7658		3,721.4291	3,721.4291	1.2036		3,751.5187

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	0.1739	4.9607	1.4329	0.0179	0.5180	0.0154	0.5334	0.1490	0.0147	0.1637		1,918.4232	1,918.4232	0.1142		1,921.2790
Worker	1.2403	0.8456	8.0433	0.0269	2.9192	0.0192	2.9384	0.7741	0.0177	0.7918		2,682.5704	2,682.5704	0.0737		2,684.4139
Total	1.4142	5.8064	9.4761	0.0448	3.4372	0.0346	3.4718	0.9231	0.0324	0.9555		4,600.9936	4,600.9936	0.1880		4,605.6929

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4697	2.0356	28.9675	0.0384		0.0626	0.0626		0.0626	0.0626	0.0000	3,721.4291	3,721.4291	1.2036		3,751.5187
Total	0.4697	2.0356	28.9675	0.0384	0.0000	0.0626	0.0626	0.0000	0.0626	0.0626	0.0000	3,721.4291	3,721.4291	1.2036		3,751.5187

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	0.1739	4.9607	1.4329	0.0179	0.5180	0.0154	0.5334	0.1490	0.0147	0.1637		1,918.4232	1,918.4232	0.1142		1,921.2790
Worker	1.2403	0.8456	8.0433	0.0269	2.9192	0.0192	2.9384	0.7741	0.0177	0.7918		2,682.5704	2,682.5704	0.0737		2,684.4139
Total	1.4142	5.8064	9.4761	0.0448	3.4372	0.0346	3.4718	0.9231	0.0324	0.9555		4,600.9936	4,600.9936	0.1880		4,605.6929

3.9 P1 Reservoirs - 2018

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000

Off-Road	3.0382	28.7971	28.2185	0.0440		1.7603	1.7603		1.6824	1.6824		4,314.2425	4,314.2425	0.8961		4,336.6438
Total	3.0382	28.7971	28.2185	0.0440	0.0000	1.7603	1.7603	0.0000	1.6824	1.6824		4,314.2425	4,314.2425	0.8961		4,336.6438

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	0.0453	1.0032	0.2774	2.6300e-003	0.0740	0.0109	0.0849	0.0213	0.0105	0.0318		281.2973	281.2973	0.0180		281.7467
Worker	0.3461	0.2636	2.3933	6.8000e-003	0.6690	4.5800e-003	0.6736	0.1774	4.2200e-003	0.1816		677.3775	677.3775	0.0224		677.9371
Total	0.3914	1.2668	2.6707	9.4300e-003	0.7430	0.0155	0.7585	0.1987	0.0147	0.2134		958.6748	958.6748	0.0404		959.6838

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.5775	5.5434	30.5432	0.0440		0.0660	0.0660		0.0660	0.0660	0.0000	4,314.2425	4,314.2425	0.8961		4,336.6438
Total	0.5775	5.5434	30.5432	0.0440	0.0000	0.0660	0.0660	0.0000	0.0660	0.0660	0.0000	4,314.2425	4,314.2425	0.8961		4,336.6438

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	0.0453	1.0032	0.2774	2.6300e-003	0.0740	0.0109	0.0849	0.0213	0.0105	0.0318		281.2973	281.2973	0.0180		281.7467
Worker	0.3461	0.2636	2.3933	6.8000e-003	0.6690	4.5800e-003	0.6736	0.1774	4.2200e-003	0.1816		677.3775	677.3775	0.0224		677.9371
Total	0.3914	1.2668	2.6707	9.4300e-003	0.7430	0.0155	0.7585	0.1987	0.0147	0.2134		958.6748	958.6748	0.0404		959.6838

3.9 P1 Reservoirs - 2019

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	2.6872	26.0860	28.0052	0.0440		1.4981	1.4981		1.4325	1.4325		4,274.0259	4,274.0259	0.8793		4,296.0083
Total	2.6872	26.0860	28.0052	0.0440	0.0000	1.4981	1.4981	0.0000	1.4325	1.4325		4,274.0259	4,274.0259	0.8793		4,296.0083

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	0.0402	0.9274	0.2557	2.6000e-003	0.0740	9.1500e-003	0.0832	0.0213	8.7500e-003	0.0300		278.9382	278.9382	0.0175		279.3766
Worker	0.3202	0.2359	2.1546	6.5900e-003	0.6690	4.5300e-003	0.6735	0.1774	4.1800e-003	0.1816		656.9119	656.9119	0.0202		657.4178
Total	0.3604	1.1633	2.4103	9.1900e-003	0.7430	0.0137	0.7567	0.1987	0.0129	0.2116		935.8500	935.8500	0.0378		936.7944

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.5775	5.5434	30.5432	0.0440		0.0660	0.0660		0.0660	0.0660	0.0000	4,274.0259	4,274.0259	0.8793		4,296.0083
Total	0.5775	5.5434	30.5432	0.0440	0.0000	0.0660	0.0660	0.0000	0.0660	0.0660	0.0000	4,274.0259	4,274.0259	0.8793		4,296.0083

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	0.0402	0.9274	0.2557	2.6000e-003	0.0740	9.1500e-003	0.0832	0.0213	8.7500e-003	0.0300		278.9382	278.9382	0.0175		279.3766
Worker	0.3202	0.2359	2.1546	6.5900e-003	0.6690	4.5300e-003	0.6735	0.1774	4.1800e-003	0.1816		656.9119	656.9119	0.0202		657.4178
Total	0.3604	1.1633	2.4103	9.1900e-003	0.7430	0.0137	0.7567	0.1987	0.0129	0.2116		935.8500	935.8500	0.0378		936.7944

3.10 P2 Site Preparation - 2020

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					0.4751	0.0000	0.4751	0.0513	0.0000	0.0513			0.0000			0.0000
Off-Road	2.7038	30.2901	16.3906	0.0367		1.3467	1.3467		1.2583	1.2583		3,540.8663	3,540.8663	0.9794		3,565.3508
Total	2.7038	30.2901	16.3906	0.0367	0.4751	1.3467	1.8218	0.0513	1.2583	1.3096		3,540.8663	3,540.8663	0.9794		3,565.3508

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	0.0253	1.1590	0.2183	1.3700e-003	33.9097	1.2100e-003	33.9109	3.3843	1.1600e-003	3.3855		149.7730	149.7730	0.0283		150.4794
Vendor	0.0638	1.6325	0.4562	5.1600e-003	0.1480	0.0117	0.1597	0.0426	0.0112	0.0538		553.1709	553.1709	0.0337		554.0139
Worker	0.2458	0.1743	1.6128	5.2200e-003	0.5474	3.6500e-003	0.5510	0.1451	3.3600e-003	0.1485		520.4883	520.4883	0.0150		520.8626
Total	0.3349	2.9657	2.2873	0.0118	34.6050	0.0165	34.6216	3.5720	0.0157	3.5878		1,223.4322	1,223.4322	0.0769		1,225.3559

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					0.1853	0.0000	0.1853	0.0200	0.0000	0.0200			0.0000			0.0000
Off-Road	0.4347	1.8838	19.5925	0.0367		0.0580	0.0580		0.0580	0.0580	0.0000	3,540.8663	3,540.8663	0.9794		3,565.3508
Total	0.4347	1.8838	19.5925	0.0367	0.1853	0.0580	0.2433	0.0200	0.0580	0.0780	0.0000	3,540.8663	3,540.8663	0.9794		3,565.3508

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	0.0253	1.1590	0.2183	1.3700e-003	20.7620	1.2100e-003	20.7632	2.0696	1.1600e-003	2.0707		149.7730	149.7730	0.0283		150.4794
Vendor	0.0638	1.6325	0.4562	5.1600e-003	0.1480	0.0117	0.1597	0.0426	0.0112	0.0538		553.1709	553.1709	0.0337		554.0139
Worker	0.2458	0.1743	1.6128	5.2200e-003	0.5474	3.6500e-003	0.5510	0.1451	3.3600e-003	0.1485		520.4883	520.4883	0.0150		520.8626
Total	0.3349	2.9657	2.2873	0.0118	21.4574	0.0165	21.4739	2.2573	0.0157	2.2730		1,223.4322	1,223.4322	0.0769		1,225.3559

3.10 P2 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					0.4751	0.0000	0.4751	0.0513	0.0000	0.0513			0.0000			0.0000

Off-Road	2.5349	28.1326	16.1447	0.0367		1.2160	1.2160		1.1353	1.1353		3,541.0506	3,541.0506	0.9759		3,565.4488
Total	2.5349	28.1326	16.1447	0.0367	0.4751	1.2160	1.6911	0.0513	1.1353	1.1866		3,541.0506	3,541.0506	0.9759		3,565.4488

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	0.0236	1.1157	0.2082	1.3600e-003	22.6072	1.0600e-003	22.6082	2.2565	1.0100e-003	2.2575		148.1939	148.1939	0.0268		148.8648
Vendor	0.0497	1.4174	0.4094	5.1000e-003	0.1480	4.4000e-003	0.1524	0.0426	4.2100e-003	0.0468		548.1209	548.1209	0.0326		548.9369
Worker	0.2326	0.1586	1.5081	5.0400e-003	0.5474	3.5900e-003	0.5509	0.1451	3.3100e-003	0.1485		502.9820	502.9820	0.0138		503.3276
Total	0.3059	2.6916	2.1257	0.0115	23.3025	9.0500e-003	23.3116	2.4442	8.5300e-003	2.4527		1,199.2968	1,199.2968	0.0733		1,201.1293

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					0.1853	0.0000	0.1853	0.0200	0.0000	0.0200			0.0000			0.0000
Off-Road	0.4347	1.8838	19.5925	0.0367		0.0580	0.0580		0.0580	0.0580	0.0000	3,541.0505	3,541.0505	0.9759		3,565.4488
Total	0.4347	1.8838	19.5925	0.0367	0.1853	0.0580	0.2433	0.0200	0.0580	0.0780	0.0000	3,541.0505	3,541.0505	0.9759		3,565.4488

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	0.0236	1.1157	0.2082	1.3600e-003	13.8421	1.0600e-003	13.8431	1.3800	1.0100e-003	1.3810		148.1939	148.1939	0.0268		148.8648
Vendor	0.0497	1.4174	0.4094	5.1000e-003	0.1480	4.4000e-003	0.1524	0.0426	4.2100e-003	0.0468		548.1209	548.1209	0.0326		548.9369
Worker	0.2326	0.1586	1.5081	5.0400e-003	0.5474	3.5900e-003	0.5509	0.1451	3.3100e-003	0.1485		502.9820	502.9820	0.0138		503.3276
Total	0.3059	2.6916	2.1257	0.0115	14.5374	9.0500e-003	14.5465	1.5677	8.5300e-003	1.5762		1,199.2968	1,199.2968	0.0733		1,201.1293

3.11 P2 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					0.0207	0.0000	0.0207	2.2300e-003	0.0000	2.2300e-003			0.0000			0.0000
Off-Road	13.0065	150.9084	86.3707	0.2438		5.6603	5.6603		5.2075	5.2075		23,602.3581	23,602.3581	7.6335		23,793.1951
Total	13.0065	150.9084	86.3707	0.2438	0.0207	5.6603	5.6810	2.2300e-003	5.2075	5.2097		23,602.3581	23,602.3581	7.6335		23,793.1951

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	0.0459	2.1717	0.4052	2.6400e-003	50.7718	2.0600e-003	50.7738	5.0675	1.9700e-003	5.0695		288.4457	288.4457	0.0522		289.7515
Vendor	0.1739	4.9607	1.4329	0.0179	0.5180	0.0154	0.5334	0.1490	0.0147	0.1637		1,918.4232	1,918.4232	0.1142		1,921.2790
Worker	0.6201	0.4228	4.0216	0.0135	1.4596	9.5900e-003	1.4692	0.3871	8.8300e-003	0.3959		1,341.2852	1,341.2852	0.0369		1,342.2070
Total	0.8400	7.5552	5.8597	0.0340	52.7494	0.0271	52.7764	5.6035	0.0255	5.6291		3,548.1541	3,548.1541	0.2033		3,553.2375

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					8.0600e-003	0.0000	8.0600e-003	8.7000e-004	0.0000	8.7000e-004			0.0000			0.0000
Off-Road	3.0008	13.0034	115.1048	0.2438		0.4001	0.4001		0.4001	0.4001	0.0000	23,602.3581	23,602.3581	7.6335		23,793.1951
Total	3.0008	13.0034	115.1048	0.2438	8.0600e-003	0.4001	0.4082	8.7000e-004	0.4001	0.4010	0.0000	23,602.3581	23,602.3581	7.6335		23,793.1951

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	0.0459	2.1717	0.4052	2.6400e-003	31.0866	2.0600e-003	31.0887	3.0990	1.9700e-003	3.1010		288.4457	288.4457	0.0522		289.7515
Vendor	0.1739	4.9607	1.4329	0.0179	0.5180	0.0154	0.5334	0.1490	0.0147	0.1637		1,918.4232	1,918.4232	0.1142		1,921.2790
Worker	0.6201	0.4228	4.0216	0.0135	1.4596	9.5900e-003	1.4692	0.3871	8.8300e-003	0.3959		1,341.2852	1,341.2852	0.0369		1,342.2070
Total	0.8400	7.5552	5.8597	0.0340	33.0642	0.0271	33.0913	3.6350	0.0255	3.6606		3,548.1541	3,548.1541	0.2033		3,553.2375

3.11 P2 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					0.0207	0.0000	0.0207	2.2300e-003	0.0000	2.2300e-003			0.0000			0.0000
Off-Road	11.5077	125.8096	81.5263	0.2439		4.7467	4.7467		4.3670	4.3670		23,614.4669	23,614.4669	7.6374		23,805.4018
Total	11.5077	125.8096	81.5263	0.2439	0.0207	4.7467	4.7674	2.2300e-003	4.3670	4.3692		23,614.4669	23,614.4669	7.6374		23,805.4018

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	0.0431	2.0888	0.3908	2.6100e-003	55.0024	1.7600e-003	55.0041	5.4897	1.6800e-003	5.4913		285.4545	285.4545	0.0494		286.6895
Vendor	0.1625	4.5982	1.3722	0.0177	0.5180	0.0133	0.5313	0.1490	0.0127	0.1617		1,899.8933	1,899.8933	0.1123		1,902.7003
Worker	0.5893	0.3859	3.7367	0.0130	1.4596	9.3700e-003	1.4690	0.3871	8.6300e-003	0.3957		1,292.0726	1,292.0726	0.0338		1,292.9171
Total	0.7948	7.0728	5.4998	0.0332	56.9800	0.0244	57.0044	6.0257	0.0230	6.0487		3,477.4204	3,477.4204	0.1955		3,482.3068

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					8.0600e-003	0.0000	8.0600e-003	8.7000e-004	0.0000	8.7000e-004			0.0000			0.0000
Off-Road	3.0008	13.0034	115.1048	0.2439		0.4001	0.4001		0.4001	0.4001	0.0000	23,614.4669	23,614.4669	7.6374		23,805.4018
Total	3.0008	13.0034	115.1048	0.2439	8.0600e-003	0.4001	0.4082	8.7000e-004	0.4001	0.4010	0.0000	23,614.4669	23,614.4669	7.6374		23,805.4018

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	0.0431	2.0888	0.3908	2.6100e-003	33.6768	1.7600e-003	33.6786	3.3571	1.6800e-003	3.3588		285.4545	285.4545	0.0494		286.6895
Vendor	0.1625	4.5982	1.3722	0.0177	0.5180	0.0133	0.5313	0.1490	0.0127	0.1617		1,899.8933	1,899.8933	0.1123		1,902.7003
Worker	0.5893	0.3859	3.7367	0.0130	1.4596	9.3700e-003	1.4690	0.3871	8.6300e-003	0.3957		1,292.0726	1,292.0726	0.0338		1,292.9171
Total	0.7948	7.0728	5.4998	0.0332	35.6544	0.0244	35.6788	3.8931	0.0230	3.9162		3,477.4204	3,477.4204	0.1955		3,482.3068

3.12 P2 Building Construction - 2025

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	7.5805	70.2179	96.1414	0.1749		2.9188	2.9188		2.8379	2.8379		16,658.0253	16,658.0253	1.8180		16,703.4742

Total	7.5805	70.2179	96.1414	0.1749		2.9188	2.9188		2.8379	2.8379		16,658.0253	16,658.0253	1.8180		16,703.4742

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	0.1344	3.6675	1.3919	0.0194	0.5920	6.9600e-003	0.5990	0.1703	6.6500e-003	0.1769		2,097.4822	2,097.4822	0.1218		2,100.5267
Worker	2.1412	1.2446	12.6066	0.0478	6.0817	0.0370	6.1186	1.6127	0.0340	1.6467		4,772.6529	4,772.6529	0.1092		4,775.3831
Total	2.2756	4.9121	13.9984	0.0672	6.6737	0.0439	6.7176	1.7830	0.0407	1.8236		6,870.1351	6,870.1351	0.2310		6,875.9098

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	1.8473	8.0050	107.7147	0.1749		0.2463	0.2463		0.2463	0.2463	0.0000	16,658.0253	16,658.0253	1.8180		16,703.4742
Total	1.8473	8.0050	107.7147	0.1749		0.2463	0.2463		0.2463	0.2463	0.0000	16,658.0253	16,658.0253	1.8180		16,703.4742

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	0.1344	3.6675	1.3919	0.0194	0.5920	6.9600e-003	0.5990	0.1703	6.6500e-003	0.1769		2,097.4822	2,097.4822	0.1218		2,100.5267
Worker	2.1412	1.2446	12.6066	0.0478	6.0817	0.0370	6.1186	1.6127	0.0340	1.6467		4,772.6529	4,772.6529	0.1092		4,775.3831
Total	2.2756	4.9121	13.9984	0.0672	6.6737	0.0439	6.7176	1.7830	0.0407	1.8236		6,870.1351	6,870.1351	0.2310		6,875.9098

3.12 P2 Building Construction - 2026

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	7.5805	70.2179	96.1414	0.1749		2.9188	2.9188		2.8379	2.8379		16,658.0253	16,658.0253	1.8180		16,703.4742
Total	7.5805	70.2179	96.1414	0.1749		2.9188	2.9188		2.8379	2.8379		16,658.0253	16,658.0253	1.8180		16,703.4742

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	0.1316	3.5984	1.3819	0.0193	0.5920	6.8000e-003	0.5988	0.1703	6.5000e-003	0.1768		2,087.3379	2,087.3379	0.1219		2,090.3841
Worker	2.0616	1.1587	11.8521	0.0461	6.0817	0.0358	6.1174	1.6127	0.0329	1.6456		4,597.8310	4,597.8310	0.1018		4,600.3757
Total	2.1932	4.7571	13.2340	0.0654	6.6737	0.0426	6.7163	1.7830	0.0394	1.8224		6,685.1689	6,685.1689	0.2236		6,690.7598

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	1.8473	8.0050	107.7147	0.1749		0.2463	0.2463		0.2463	0.2463	0.0000	16,658.0253	16,658.0253	1.8180		16,703.4742
Total	1.8473	8.0050	107.7147	0.1749		0.2463	0.2463		0.2463	0.2463	0.0000	16,658.0253	16,658.0253	1.8180		16,703.4742

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	0.1316	3.5984	1.3819	0.0193	0.5920	6.8000e-003	0.5988	0.1703	6.5000e-003	0.1768		2,087.3379	2,087.3379	0.1219		2,090.3841
Worker	2.0616	1.1587	11.8521	0.0461	6.0817	0.0358	6.1174	1.6127	0.0329	1.6456		4,597.8310	4,597.8310	0.1018		4,600.3757
Total	2.1932	4.7571	13.2340	0.0654	6.6737	0.0426	6.7163	1.7830	0.0394	1.8224		6,685.1689	6,685.1689	0.2236		6,690.7598

3.12 P2 Building Construction - 2027

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	7.5805	70.2179	96.1414	0.1749		2.9188	2.9188		2.8379	2.8379		16,658.0253	16,658.0253	1.8180		16,703.4742
Total	7.5805	70.2179	96.1414	0.1749		2.9188	2.9188		2.8379	2.8379		16,658.0253	16,658.0253	1.8180		16,703.4742

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	0.1292	3.5301	1.3730	0.0192	0.5920	6.6700e-003	0.5987	0.1703	6.3800e-003	0.1767		2,077.7198	2,077.7198	0.1219		2,080.7678
Worker	1.9799	1.0826	11.1827	0.0445	6.0817	0.0338	6.1155	1.6127	0.0311	1.6438		4,443.8078	4,443.8078	0.0953		4,446.1909
Total	2.1091	4.6127	12.5557	0.0637	6.6737	0.0405	6.7142	1.7830	0.0375	1.8205		6,521.5276	6,521.5276	0.2172		6,526.9587

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	1.8473	8.0050	107.7147	0.1749		0.2463	0.2463		0.2463	0.2463	0.0000	16,658.0253	16,658.0253	1.8180		16,703.4742
Total	1.8473	8.0050	107.7147	0.1749		0.2463	0.2463		0.2463	0.2463	0.0000	16,658.0253	16,658.0253	1.8180		16,703.4742

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	0.1292	3.5301	1.3730	0.0192	0.5920	6.6700e-003	0.5987	0.1703	6.3800e-003	0.1767		2,077.7198	2,077.7198	0.1219		2,080.7678
Worker	1.9799	1.0826	11.1827	0.0445	6.0817	0.0338	6.1155	1.6127	0.0311	1.6438		4,443.8078	4,443.8078	0.0953		4,446.1909
Total	2.1091	4.6127	12.5557	0.0637	6.6737	0.0405	6.7142	1.7830	0.0375	1.8205		6,521.5276	6,521.5276	0.2172		6,526.9587

3.13 P2 Trenching - 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	1.4699	13.8188	22.0011	0.0332		0.7044	0.7044		0.6480	0.6480		3,210.1322	3,210.1322	1.0382		3,236.0878

Total	1.4699	13.8188	22.0011	0.0332		0.7044	0.7044		0.6480	0.6480		3,210.1322	3,210.1322	1.0382		3,236.0878

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	0.1393	3.9413	1.1762	0.0151	0.4440	0.0114	0.4554	0.1277	0.0109	0.1386		1,628.4800	1,628.4800	0.0962		1,630.8859
Worker	0.2701	0.1769	1.7127	5.9400e-003	0.6690	4.3000e-003	0.6733	0.1774	3.9600e-003	0.1814		592.1999	592.1999	0.0155		592.5870
Total	0.4093	4.1182	2.8889	0.0211	1.1130	0.0157	1.1287	0.3051	0.0149	0.3200		2,220.6799	2,220.6799	0.1117		2,223.4729

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	0.4067	1.7624	25.0807	0.0332		0.0542	0.0542		0.0542	0.0542	0.0000	3,210.1322	3,210.1322	1.0382		3,236.0878
Total	0.4067	1.7624	25.0807	0.0332		0.0542	0.0542		0.0542	0.0542	0.0000	3,210.1322	3,210.1322	1.0382		3,236.0878

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	0.1393	3.9413	1.1762	0.0151	0.4440	0.0114	0.4554	0.1277	0.0109	0.1386		1,628.4800	1,628.4800	0.0962		1,630.8859
Worker	0.2701	0.1769	1.7127	5.9400e-003	0.6690	4.3000e-003	0.6733	0.1774	3.9600e-003	0.1814		592.1999	592.1999	0.0155		592.5870
Total	0.4093	4.1182	2.8889	0.0211	1.1130	0.0157	1.1287	0.3051	0.0149	0.3200		2,220.6799	2,220.6799	0.1117		2,223.4729

3.13 P2 Trenching - 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	1.3615	12.3433	21.9853	0.0332		0.6068	0.6068		0.5582	0.5582		3,211.8402	3,211.8402	1.0388		3,237.8096
Total	1.3615	12.3433	21.9853	0.0332		0.6068	0.6068		0.5582	0.5582		3,211.8402	3,211.8402	1.0388		3,237.8096

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	0.1062	2.8552	1.0761	0.0148	0.4440	5.4300e-003	0.4495	0.1277	5.1900e-003	0.1329		1,589.8511	1,589.8511	0.0912		1,592.1305
Worker	0.2571	0.1616	1.5892	5.7100e-003	0.6690	4.2100e-003	0.6732	0.1774	3.8800e-003	0.1813		569.5612	569.5612	0.0142		569.9153
Total	0.3633	3.0168	2.6653	0.0205	1.1130	9.6400e-003	1.1227	0.3051	9.0700e-003	0.3142		2,159.4123	2,159.4123	0.1053		2,162.0458

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	0.4067	1.7624	25.0807	0.0332		0.0542	0.0542		0.0542	0.0542	0.0000	3,211.8402	3,211.8402	1.0388		3,237.8096
Total	0.4067	1.7624	25.0807	0.0332		0.0542	0.0542		0.0542	0.0542	0.0000	3,211.8402	3,211.8402	1.0388		3,237.8096

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	0.1062	2.8552	1.0761	0.0148	0.4440	5.4300e-003	0.4495	0.1277	5.1900e-003	0.1329		1,589.8511	1,589.8511	0.0912		1,592.1305
Worker	0.2571	0.1616	1.5892	5.7100e-003	0.6690	4.2100e-003	0.6732	0.1774	3.8800e-003	0.1813		569.5612	569.5612	0.0142		569.9153
Total	0.3633	3.0168	2.6653	0.0205	1.1130	9.6400e-003	1.1227	0.3051	9.0700e-003	0.3142		2,159.4123	2,159.4123	0.1053		2,162.0458

3.13 P2 Trenching - 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	1.2980	11.4090	22.0316	0.0332		0.5426	0.5426		0.4992	0.4992		3,213.2402	3,213.2402	1.0392		3,239.2209
Total	1.2980	11.4090	22.0316	0.0332		0.5426	0.5426		0.4992	0.4992		3,213.2402	3,213.2402	1.0392		3,239.2209

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	0.1032	2.8037	1.0553	0.0147	0.4440	5.3300e-003	0.4494	0.1277	5.1000e-003	0.1328		1,581.3212	1,581.3212	0.0912		1,583.6012
Worker	0.2456	0.1484	1.4851	5.4800e-003	0.6690	4.1300e-003	0.6731	0.1774	3.8000e-003	0.1812		547.1233	547.1233	0.0130		547.4486
Total	0.3489	2.9521	2.5404	0.0201	1.1130	9.4600e-003	1.1225	0.3051	8.9000e-003	0.3140		2,128.4445	2,128.4445	0.1042		2,131.0498

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	0.4067	1.7624	25.0807	0.0332		0.0542	0.0542		0.0542	0.0542	0.0000	3,213.2402	3,213.2402	1.0392		3,239.2209
Total	0.4067	1.7624	25.0807	0.0332		0.0542	0.0542		0.0542	0.0542	0.0000	3,213.2402	3,213.2402	1.0392		3,239.2209

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	0.1032	2.8037	1.0553	0.0147	0.4440	5.3300e-003	0.4494	0.1277	5.1000e-003	0.1328		1,581.3212	1,581.3212	0.0912		1,583.6012
Worker	0.2456	0.1484	1.4851	5.4800e-003	0.6690	4.1300e-003	0.6731	0.1774	3.8000e-003	0.1812		547.1233	547.1233	0.0130		547.4486
Total	0.3489	2.9521	2.5404	0.0201	1.1130	9.4600e-003	1.1225	0.3051	8.9000e-003	0.3140		2,128.4445	2,128.4445	0.1042		2,131.0498

3.14 P2 Architectural Coating - 2025

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	32.8314					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Off-Road	1.7086	11.4551	18.0914	0.0297		0.5151	0.5151		0.5151	0.5151		2,814.4805	2,814.4805	0.1535		2,818.3186
Total	34.5400	11.4551	18.0914	0.0297		0.5151	0.5151		0.5151	0.5151		2,814.4805	2,814.4805	0.1535		2,818.3186

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	0.0336	0.9169	0.3480	4.8500e-003	0.1480	1.7400e-003	0.1498	0.0426	1.6600e-003	0.0442		524.3706	524.3706	0.0305		525.1317
Worker	0.4282	0.2489	2.5213	9.5700e-003	1.2163	7.3900e-003	1.2237	0.3225	6.8000e-003	0.3293		954.5306	954.5306	0.0218		955.0766
Total	0.4619	1.1658	2.8693	0.0144	1.3643	9.1300e-003	1.3735	0.3651	8.4600e-003	0.3736		1,478.9011	1,478.9011	0.0523		1,480.2083

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	32.8314					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2972	1.2876	18.3241	0.0297		0.0396	0.0396		0.0396	0.0396	0.0000	2,814.4805	2,814.4805	0.1535		2,818.3186
Total	33.1285	1.2876	18.3241	0.0297		0.0396	0.0396		0.0396	0.0396	0.0000	2,814.4805	2,814.4805	0.1535		2,818.3186

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	0.0336	0.9169	0.3480	4.8500e-003	0.1480	1.7400e-003	0.1498	0.0426	1.6600e-003	0.0442		524.3706	524.3706	0.0305		525.1317
Worker	0.4282	0.2489	2.5213	9.5700e-003	1.2163	7.3900e-003	1.2237	0.3225	6.8000e-003	0.3293		954.5306	954.5306	0.0218		955.0766
Total	0.4619	1.1658	2.8693	0.0144	1.3643	9.1300e-003	1.3735	0.3651	8.4600e-003	0.3736		1,478.9011	1,478.9011	0.0523		1,480.2083

3.14 P2 Architectural Coating - 2026

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	32.8314					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	1.7086	11.4551	18.0914	0.0297		0.5151	0.5151		0.5151	0.5151		2,814.4805	2,814.4805	0.1535		2,818.3186
Total	34.5400	11.4551	18.0914	0.0297		0.5151	0.5151		0.5151	0.5151		2,814.4805	2,814.4805	0.1535		2,818.3186

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	0.0329	0.8996	0.3455	4.8200e-003	0.1480	1.7000e-003	0.1497	0.0426	1.6300e-003	0.0442		521.8345	521.8345	0.0305		522.5960
Worker	0.4123	0.2317	2.3704	9.2200e-003	1.2163	7.1500e-003	1.2235	0.3225	6.5800e-003	0.3291		919.5662	919.5662	0.0204		920.0751
Total	0.4452	1.1314	2.7159	0.0140	1.3643	8.8500e-003	1.3732	0.3651	8.2100e-003	0.3733		1,441.4007	1,441.4007	0.0508		1,442.6712

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	32.8314					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2972	1.2876	18.3241	0.0297		0.0396	0.0396		0.0396	0.0396	0.0000	2,814.4805	2,814.4805	0.1535		2,818.3186
Total	33.1285	1.2876	18.3241	0.0297		0.0396	0.0396		0.0396	0.0396	0.0000	2,814.4805	2,814.4805	0.1535		2,818.3186

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	0.0329	0.8996	0.3455	4.8200e-003	0.1480	1.7000e-003	0.1497	0.0426	1.6300e-003	0.0442		521.8345	521.8345	0.0305		522.5960
Worker	0.4123	0.2317	2.3704	9.2200e-003	1.2163	7.1500e-003	1.2235	0.3225	6.5800e-003	0.3291		919.5662	919.5662	0.0204		920.0751
Total	0.4452	1.1314	2.7159	0.0140	1.3643	8.8500e-003	1.3732	0.3651	8.2100e-003	0.3733		1,441.4007	1,441.4007	0.0508		1,442.6712

3.14 P2 Architectural Coating - 2027

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	32.8314					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	1.7086	11.4551	18.0914	0.0297		0.5151	0.5151		0.5151	0.5151		2,814.4805	2,814.4805	0.1535		2,818.3186
Total	34.5400	11.4551	18.0914	0.0297		0.5151	0.5151		0.5151	0.5151		2,814.4805	2,814.4805	0.1535		2,818.3186

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	0.0323	0.8825	0.3433	4.7900e-003	0.1480	1.6700e-003	0.1497	0.0426	1.5900e-003	0.0442		519.4299	519.4299	0.0305		520.1920
Worker	0.3960	0.2165	2.2366	8.9100e-003	1.2163	6.7600e-003	1.2231	0.3225	6.2200e-003	0.3288		888.7616	888.7616	0.0191		889.2382
Total	0.4283	1.0990	2.5798	0.0137	1.3643	8.4300e-003	1.3728	0.3651	7.8100e-003	0.3729		1,408.1915	1,408.1915	0.0495		1,409.4301

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	32.8314					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2972	1.2876	18.3241	0.0297		0.0396	0.0396		0.0396	0.0396	0.0000	2,814.4805	2,814.4805	0.1535		2,818.3186
Total	33.1285	1.2876	18.3241	0.0297		0.0396	0.0396		0.0396	0.0396	0.0000	2,814.4805	2,814.4805	0.1535		2,818.3186

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	0.0323	0.8825	0.3433	4.7900e-003	0.1480	1.6700e-003	0.1497	0.0426	1.5900e-003	0.0442		519.4299	519.4299	0.0305		520.1920
Worker	0.3960	0.2165	2.2366	8.9100e-003	1.2163	6.7600e-003	1.2231	0.3225	6.2200e-003	0.3288		888.7616	888.7616	0.0191		889.2382
Total	0.4283	1.0990	2.5798	0.0137	1.3643	8.4300e-003	1.3728	0.3651	7.8100e-003	0.3729		1,408.1915	1,408.1915	0.0495		1,409.4301

3.15 P2 Paving - 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	3.0370	32.0660	30.8300	0.0574		1.4489	1.4489		1.3330	1.3330		5,561.8324	5,561.8324	1.7988		5,606.8026

Paving	0.2967					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	3.3336	32.0660	30.8300	0.0574		1.4489	1.4489		1.3330	1.3330		5,561.8324	5,561.8324	1.7988		5,606.8026

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	0.0928	2.6275	0.7841	0.0101	0.2960	7.5900e-003	0.3036	0.0851	7.2600e-003	0.0924		1,085.6533	1,085.6533	0.0642		1,087.2573
Worker	0.1473	0.0965	0.9342	3.2400e-003	0.3649	2.3400e-003	0.3672	0.0968	2.1600e-003	0.0989		323.0181	323.0181	8.4500e-003		323.2293
Total	0.2402	2.7240	1.7183	0.0133	0.6609	9.9300e-003	0.6709	0.1819	9.4200e-003	0.1913		1,408.6715	1,408.6715	0.0726		1,410.4866

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	0.7052	3.0559	34.1205	0.0574		0.0940	0.0940		0.0940	0.0940	0.0000	5,561.8323	5,561.8323	1.7988		5,606.8026
Paving	0.2967					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0019	3.0559	34.1205	0.0574		0.0940	0.0940		0.0940	0.0940	0.0000	5,561.8323	5,561.8323	1.7988		5,606.8026

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	0.0928	2.6275	0.7841	0.0101	0.2960	7.5900e-003	0.3036	0.0851	7.2600e-003	0.0924		1,085.6533	1,085.6533	0.0642		1,087.2573
Worker	0.1473	0.0965	0.9342	3.2400e-003	0.3649	2.3400e-003	0.3672	0.0968	2.1600e-003	0.0989		323.0181	323.0181	8.4500e-003		323.2293
Total	0.2402	2.7240	1.7183	0.0133	0.6609	9.9300e-003	0.6709	0.1819	9.4200e-003	0.1913		1,408.6715	1,408.6715	0.0726		1,410.4866

3.15 P2 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	2.8774	29.6275	30.3333	0.0575		1.3141	1.3141		1.2089	1.2089		5,562.1411	5,562.1411	1.7989		5,607.1139
Paving	0.2967					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	3.1741	29.6275	30.3333	0.0575		1.3141	1.3141		1.2089	1.2089		5,562.1411	5,562.1411	1.7989		5,607.1139

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	0.0708	1.9035	0.7174	9.8300e-003	0.2960	3.6200e-003	0.2996	0.0851	3.4600e-003	0.0886		1,059.9007	1,059.9007	0.0608		1,061.4203
Worker	0.1403	0.0882	0.8668	3.1100e-003	0.3649	2.3000e-003	0.3672	0.0968	2.1100e-003	0.0989		310.6698	310.6698	7.7200e-003		310.8629
Total	0.2111	1.9916	1.5842	0.0129	0.6609	5.9200e-003	0.6668	0.1819	5.5700e-003	0.1875		1,370.5705	1,370.5705	0.0685		1,372.2832

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	0.7052	3.0559	34.1205	0.0575		0.0940	0.0940		0.0940	0.0940	0.0000	5,562.1411	5,562.1411	1.7989		5,607.1138
Paving	0.2967					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0019	3.0559	34.1205	0.0575		0.0940	0.0940		0.0940	0.0940	0.0000	5,562.1411	5,562.1411	1.7989		5,607.1138

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	0.0708	1.9035	0.7174	9.8300e-003	0.2960	3.6200e-003	0.2996	0.0851	3.4600e-003	0.0886		1,059.9007	1,059.9007	0.0608		1,061.4203
Worker	0.1403	0.0882	0.8668	3.1100e-003	0.3649	2.3000e-003	0.3672	0.0968	2.1100e-003	0.0989		310.6698	310.6698	7.7200e-003		310.8629
Total	0.2111	1.9916	1.5842	0.0129	0.6609	5.9200e-003	0.6668	0.1819	5.5700e-003	0.1875		1,370.5705	1,370.5705	0.0685		1,372.2832

3.15 P2 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	2.7647	27.6601	30.0296	0.0574		1.2116	1.2116		1.1147	1.1147		5,560.5044	5,560.5044	1.7984		5,605.4639
Paving	0.2967					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	3.0613	27.6601	30.0296	0.0574		1.2116	1.2116		1.1147	1.1147		5,560.5044	5,560.5044	1.7984		5,605.4639

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	0.0688	1.8692	0.7035	9.7700e-003	0.2960	3.5500e-003	0.2996	0.0851	3.4000e-003	0.0885		1,054.2141	1,054.2141	0.0608		1,055.7341
Worker	0.1340	0.0809	0.8101	2.9900e-003	0.3649	2.2500e-003	0.3672	0.0968	2.0700e-003	0.0988		298.4309	298.4309	7.1000e-003		298.6083
Total	0.2028	1.9501	1.5136	0.0128	0.6609	5.8000e-003	0.6667	0.1819	5.4700e-003	0.1874		1,352.6450	1,352.6450	0.0679		1,354.3424

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	0.7052	3.0559	34.1205	0.0574		0.0940	0.0940		0.0940	0.0940	0.0000	5,560.5044	5,560.5044	1.7984		5,605.4639
Paving	0.2967					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0019	3.0559	34.1205	0.0574		0.0940	0.0940		0.0940	0.0940	0.0000	5,560.5044	5,560.5044	1.7984		5,605.4639

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	0.0688	1.8692	0.7035	9.7700e-003	0.2960	3.5500e-003	0.2996	0.0851	3.4000e-003	0.0885		1,054.2141	1,054.2141	0.0608		1,055.7341
Worker	0.1340	0.0809	0.8101	2.9900e-003	0.3649	2.2500e-003	0.3672	0.0968	2.0700e-003	0.0988		298.4309	298.4309	7.1000e-003		298.6083
Total	0.2028	1.9501	1.5136	0.0128	0.6609	5.8000e-003	0.6667	0.1819	5.4700e-003	0.1874		1,352.6450	1,352.6450	0.0679		1,354.3424

3.15 P2 Paving - 2025

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	2.4918	23.9062	28.7852	0.0574		1.0288	1.0288		0.9465	0.9465		5,558.4522	5,558.4522	1.7977		5,603.3951

Paving	0.2967					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.7885	23.9062	28.7852	0.0574		1.0288	1.0288		0.9465	0.9465		5,558.4522	5,558.4522	1.7977		5,603.3951

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	0.0672	1.8337	0.6959	9.7000e-003	0.2960	3.4800e-003	0.2995	0.0851	3.3200e-003	0.0885		1,048.7411	1,048.7411	0.0609		1,050.2634
Worker	0.1285	0.0747	0.7564	2.8700e-003	0.3649	2.2200e-003	0.3671	0.0968	2.0400e-003	0.0988		286.3592	286.3592	6.5500e-003		286.5230
Total	0.1957	1.9084	1.4523	0.0126	0.6609	5.7000e-003	0.6666	0.1819	5.3600e-003	0.1873		1,335.1003	1,335.1003	0.0674		1,336.7863

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	0.7052	3.0559	34.1205	0.0574		0.0940	0.0940		0.0940	0.0940	0.0000	5,558.4521	5,558.4521	1.7977		5,603.3951
Paving	0.2967					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0019	3.0559	34.1205	0.0574		0.0940	0.0940		0.0940	0.0940	0.0000	5,558.4521	5,558.4521	1.7977		5,603.3951

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	0.0672	1.8337	0.6959	9.7000e-003	0.2960	3.4800e-003	0.2995	0.0851	3.3200e-003	0.0885		1,048.7411	1,048.7411	0.0609		1,050.2634
Worker	0.1285	0.0747	0.7564	2.8700e-003	0.3649	2.2200e-003	0.3671	0.0968	2.0400e-003	0.0988		286.3592	286.3592	6.5500e-003		286.5230
Total	0.1957	1.9084	1.4523	0.0126	0.6609	5.7000e-003	0.6666	0.1819	5.3600e-003	0.1873		1,335.1003	1,335.1003	0.0674		1,336.7863

3.16 P2 Brush Management - 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.5179	14.6425	14.2796	0.0192		0.9597	0.9597		0.8829	0.8829		1,860.7145	1,860.7145	0.6018		1,875.7594
Total	1.5179	14.6425	14.2796	0.0192	0.0000	0.9597	0.9597	0.0000	0.8829	0.8829		1,860.7145	1,860.7145	0.6018		1,875.7594

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	0.0994	2.8347	0.8188	0.0102	0.2960	8.8100e-003	0.3048	0.0851	8.4200e-003	0.0936		1,096.2418	1,096.2418	0.0653		1,097.8737
Worker	0.6201	0.4228	4.0216	0.0135	1.4596	9.5900e-003	1.4692	0.3871	8.8300e-003	0.3959		1,341.2852	1,341.2852	0.0369		1,342.2070
Total	0.7195	3.2575	4.8404	0.0237	1.7556	0.0184	1.7740	0.4722	0.0173	0.4894		2,437.5270	2,437.5270	0.1022		2,440.0807

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2349	1.0178	14.4838	0.0192		0.0313	0.0313		0.0313	0.0313	0.0000	1,860.7145	1,860.7145	0.6018		1,875.7594
Total	0.2349	1.0178	14.4838	0.0192	0.0000	0.0313	0.0313	0.0000	0.0313	0.0313	0.0000	1,860.7145	1,860.7145	0.6018		1,875.7594

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	0.0994	2.8347	0.8188	0.0102	0.2960	8.8100e-003	0.3048	0.0851	8.4200e-003	0.0936		1,096.2418	1,096.2418	0.0653		1,097.8737
Worker	0.6201	0.4228	4.0216	0.0135	1.4596	9.5900e-003	1.4692	0.3871	8.8300e-003	0.3959		1,341.2852	1,341.2852	0.0369		1,342.2070
Total	0.7195	3.2575	4.8404	0.0237	1.7556	0.0184	1.7740	0.4722	0.0173	0.4894		2,437.5270	2,437.5270	0.1022		2,440.0807

3.16 P2 Brush Management - 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.3902	13.4957	14.1757	0.0192		0.8418	0.8418		0.7745	0.7745		1,862.124 2	1,862.1242	0.6023		1,877.180 4
Total	1.3902	13.4957	14.1757	0.0192	0.0000	0.8418	0.8418	0.0000	0.7745	0.7745		1,862.124 2	1,862.1242	0.6023		1,877.180 4

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	0.0928	2.6275	0.7841	0.0101	0.2960	7.5900e-003	0.3036	0.0851	7.2600e-003	0.0924		1,085.653 3	1,085.6533	0.0642		1,087.257 3
Worker	0.5893	0.3859	3.7367	0.0130	1.4596	9.3700e-003	1.4690	0.3871	8.6300e-003	0.3957		1,292.072 6	1,292.0726	0.0338		1,292.917 1
Total	0.6821	3.0134	4.5209	0.0231	1.7556	0.0170	1.7726	0.4722	0.0159	0.4881		2,377.725 9	2,377.7259	0.0979		2,380.174 4

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2349	1.0178	14.4838	0.0192		0.0313	0.0313		0.0313	0.0313	0.0000	1,862.1242	1,862.1242	0.6023		1,877.1804
Total	0.2349	1.0178	14.4838	0.0192	0.0000	0.0313	0.0313	0.0000	0.0313	0.0313	0.0000	1,862.1242	1,862.1242	0.6023		1,877.1804

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	0.0928	2.6275	0.7841	0.0101	0.2960	7.5900e-003	0.3036	0.0851	7.2600e-003	0.0924		1,085.6533	1,085.6533	0.0642		1,087.2573
Worker	0.5893	0.3859	3.7367	0.0130	1.4596	9.3700e-003	1.4690	0.3871	8.6300e-003	0.3957		1,292.0726	1,292.0726	0.0338		1,292.9171
Total	0.6821	3.0134	4.5209	0.0231	1.7556	0.0170	1.7726	0.4722	0.0159	0.4881		2,377.7259	2,377.7259	0.0979		2,380.1744

3.16 P2 Brush Management - 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					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000

Off-Road	1.3023	12.6414	14.1354	0.0192		0.7541	0.7541		0.6938	0.6938		1,863.9777	1,863.9777	0.6029		1,879.0489
Total	1.3023	12.6414	14.1354	0.0192	0.0000	0.7541	0.7541	0.0000	0.6938	0.6938		1,863.9777	1,863.9777	0.6029		1,879.0489

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	0.0708	1.9035	0.7174	9.8300e-003	0.2960	3.6200e-003	0.2996	0.0851	3.4600e-003	0.0886		1,059.9007	1,059.9007	0.0608		1,061.4203
Worker	0.5610	0.3527	3.4674	0.0125	1.4596	9.1800e-003	1.4688	0.3871	8.4600e-003	0.3955		1,242.6790	1,242.6790	0.0309		1,243.4515
Total	0.6318	2.2561	4.1847	0.0223	1.7556	0.0128	1.7684	0.4722	0.0119	0.4841		2,302.5798	2,302.5798	0.0917		2,304.8718

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2349	1.0178	14.4838	0.0192		0.0313	0.0313		0.0313	0.0313	0.0000	1,863.9777	1,863.9777	0.6029		1,879.0489
Total	0.2349	1.0178	14.4838	0.0192	0.0000	0.0313	0.0313	0.0000	0.0313	0.0313	0.0000	1,863.9777	1,863.9777	0.6029		1,879.0489

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	0.0708	1.9035	0.7174	9.8300e-003	0.2960	3.6200e-003	0.2996	0.0851	3.4600e-003	0.0886		1,059.9007	1,059.9007	0.0608		1,061.4203
Worker	0.5610	0.3527	3.4674	0.0125	1.4596	9.1800e-003	1.4688	0.3871	8.4600e-003	0.3955		1,242.6790	1,242.6790	0.0309		1,243.4515
Total	0.6318	2.2561	4.1847	0.0223	1.7556	0.0128	1.7684	0.4722	0.0119	0.4841		2,302.5798	2,302.5798	0.0917		2,304.8718

Newland Sierra - Construction
San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	875	Dwelling Unit	99.52	1,560,600.00	2480
Condo/Townhouse	935	Dwelling Unit	158.18	943,000.00	2697
Retirement Community	325.00	Dwelling Unit	58.20	325,000.00	930
City Park	34.60	Acre	34.60	1,507,176.00	0
Other Asphalt Surfaces	97.60	Acre	97.60	4,251,456.00	0
Strip Mall	81.00	1000sqft	10.20	81,000.00	0
Elementary School	33.00	1000sqft	6.00	33,000.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2028
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	720.49	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -
Land Use - Land uses per EIR PD
Construction Phase - construction schedule per Fuscoe 2016

Off-road Equipment - Fuscoe 2016

Off-road Equipment - Fuscoe 2016

Off-road Equipment - Fuscoe 2016

Off-road Equipment - Fuscoe 2016

Off-road Equipment - Fuscoe 2016

Off-road Equipment - Fuscoe 2016

Off-road Equipment - Fuscoe 2016

Off-road Equipment - Fuscoe 2016

Off-road Equipment - Fuscoe 2016

Off-road Equipment - Fuscoe 2016

Off-road Equipment - Fuscoe 2016

Off-road Equipment - Fuscoe 2016

Off-road Equipment - Fuscoe 2016

Off-road Equipment - Fuscoe 2016

Off-road Equipment - Fuscoe 2016

Grading - Fuscoe 2016

Trips and VMT - Fuscoe 2016

On-road Fugitive Dust - All haul trucks assumed to be on unpaved roads

Architectural Coating - SDAPCD Rule 67.0.1

Construction Off-road Equipment Mitigation - Tier 4 final engines

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00

tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	PhaseEndDate	1/9/2018	2/14/2018
tblGrading	AcresOfGrading	0.00	565.00
tblGrading	AcresOfGrading	5,462.50	11.20
tblGrading	AcresOfGrading	11,125.00	565.00
tblGrading	AcresOfGrading	37.50	11.20
tblGrading	MaterialExported	0.00	103,140.00
tblGrading	MaterialExported	0.00	2,320,570.00
tblLandUse	LotAcreage	281.49	99.52
tblLandUse	LotAcreage	58.94	158.18
tblLandUse	LotAcreage	65.00	58.20
tblLandUse	LotAcreage	1.86	10.20
tblLandUse	LotAcreage	0.76	6.00
tblOffRoadEquipment	LoadFactor	0.43	0.43
tblOffRoadEquipment	LoadFactor	0.50	0.50
tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.48	0.48
tblOffRoadEquipment	LoadFactor	0.50	0.50
tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	LoadFactor	0.31	0.31
tblOffRoadEquipment	LoadFactor	0.43	0.43

tblOffRoadEquipment	LoadFactor	0.43	0.43
tblOffRoadEquipment	LoadFactor	0.50	0.50
tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.48	0.48
tblOffRoadEquipment	LoadFactor	0.50	0.50
tblOffRoadEquipment	OffRoadEquipmentType		Crawler Tractors
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Crushing/Proc. Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Crawler Tractors
tblOffRoadEquipment	OffRoadEquipmentType		Bore/Drill Rigs
tblOffRoadEquipment	OffRoadEquipmentType		Off-Highway Trucks
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Scrapers
tblOffRoadEquipment	OffRoadEquipmentType		Trenchers
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentType		Generator Sets
tblOffRoadEquipment	OffRoadEquipmentType		Aerial Lifts
tblOffRoadEquipment	OffRoadEquipmentType		Crawler Tractors
tblOffRoadEquipment	OffRoadEquipmentType		Crushing/Proc. Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Crawler Tractors
tblOffRoadEquipment	OffRoadEquipmentType		Bore/Drill Rigs
tblOffRoadEquipment	OffRoadEquipmentType		Off-Highway Trucks
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes

tblOffRoadEquipment	OffRoadEquipmentType		Scrapers
tblOffRoadEquipment	OffRoadEquipmentType		Trenchers
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	10.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	20.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	20.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	8.00

tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripNumber	0.00	8.00
tblTripsAndVMT	VendorTripNumber	0.00	8.00
tblTripsAndVMT	VendorTripNumber	0.00	8.00
tblTripsAndVMT	VendorTripNumber	1,191.00	32.00
tblTripsAndVMT	VendorTripNumber	1,191.00	40.00
tblTripsAndVMT	VendorTripNumber	0.00	28.00
tblTripsAndVMT	VendorTripNumber	0.00	36.00
tblTripsAndVMT	VendorTripNumber	0.00	16.00
tblTripsAndVMT	VendorTripNumber	0.00	20.00
tblTripsAndVMT	VendorTripNumber	0.00	16.00
tblTripsAndVMT	VendorTripNumber	0.00	28.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	8.00
tblTripsAndVMT	VendorTripNumber	0.00	32.00
tblTripsAndVMT	VendorTripNumber	0.00	24.00
tblTripsAndVMT	WorkerTripLength	16.80	20.00
tblTripsAndVMT	WorkerTripLength	16.80	20.00
tblTripsAndVMT	WorkerTripLength	16.80	20.00

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					
2018	3.8147	50.7135	24.2030	0.0712	77.6364	1.6771	79.3135	7.9688	1.5441	9.5129	0.0000	6,552.0454	6,552.0454	1.7847	0.0000	6,596.6632
2019	5.2773	63.5760	37.7941	0.1031	77.6868	2.3361	80.0230	7.9694	2.1550	10.1244	0.0000	9,384.1964	9,384.1964	2.3731	0.0000	9,443.5245
2020	8.5461	74.7594	53.7535	0.1436	79.7652	2.9607	82.7259	8.4988	2.7541	11.2529	0.0000	12,864.4931	12,864.4931	2.7414	0.0000	12,933.0271
2021	8.7412	53.9582	46.2664	0.1185	10.0770	2.2892	12.3662	1.5370	2.1470	3.6840	0.0000	10,567.7577	10,567.7577	1.9828	0.0000	10,617.3268
2022	7.9926	44.7996	43.8748	0.1146	9.9096	1.8718	11.7814	1.5187	1.7576	3.2764	0.0000	10,225.3780	10,225.3780	1.8899	0.0000	10,272.6256
2023	6.0661	24.1073	31.1363	0.0749	2.7398	1.0687	3.8085	0.7339	1.0138	1.7478	0.0000	6,692.0386	6,692.0386	0.9289	0.0000	6,715.2616
2024	5.2196	18.8264	25.0035	0.0611	2.3259	0.7958	3.1217	0.6222	0.7566	1.3787	0.0000	5,451.9438	5,451.9438	0.7237	0.0000	5,470.0356
2025	3.8072	12.8774	18.6555	0.0411	1.0496	0.5103	1.5599	0.2813	0.4940	0.7752	0.0000	3,631.0012	3,631.0012	0.3650	0.0000	3,640.1264
2026	6.9529	13.7056	20.3915	0.0446	1.2285	0.5454	1.7739	0.3289	0.5322	0.8611	0.0000	3,928.5452	3,928.5452	0.3188	0.0000	3,936.5154
2027	6.3401	12.4981	18.5153	0.0404	1.1225	0.4980	1.6205	0.3006	0.4859	0.7865	0.0000	3,563.8639	3,563.8639	0.2903	0.0000	3,571.1216
Maximum	8.7412	74.7594	53.7535	0.1436	79.7652	2.9607	82.7259	8.4988	2.7541	11.2529	0.0000	12,864.4931	12,864.4931	2.7414	0.0000	12,933.0271

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					
2018	1.0622	9.8206	30.5646	0.0712	47.4865	0.1204	47.6069	4.8690	0.1192	4.9882	0.0000	6,552.0391	6,552.04	1.7847	0.0000	6,596.6569

2019	1.6443	13.5694	45.9854	0.1031	47.9271	0.1745	48.1016	4.9868	0.1723	5.1591	0.0000	9,384.1881	9,384.19	2.3731	0.0000	9,443.5161
2020	3.8533	15.3678	62.8170	0.1436	49.9433	0.2111	50.1544	5.5100	0.2080	5.7180	0.0000	12,864.4830	12,864.48	2.7414	0.0000	12,933.0169
2021	4.9036	8.5659	52.3482	0.1185	7.3908	0.1539	7.5446	1.2683	0.1519	1.4203	0.0000	10,567.7494	10,567.75	1.9828	0.0000	10,617.3185
2022	4.7823	8.1353	50.8648	0.1146	7.2856	0.1473	7.4329	1.2563	0.1454	1.4018	0.0000	10,225.370	10,225.370	1.8899	0.0000	10,272.6177
2023	4.1792	4.5351	33.8264	0.0749	2.7398	0.0858	2.8256	0.7339	0.0844	0.8183	0.0000	6,692.0341	6,692.03	0.9289	0.0000	6,715.2571
2024	3.7238	3.4844	27.3156	0.0611	2.3259	0.0709	2.3968	0.6222	0.0697	0.6919	0.0000	5,451.940	5,451.94	0.7237	0.0000	5,470.0318
2025	2.8049	2.2619	20.5973	0.0411	1.0496	0.0497	1.0993	0.2813	0.0492	0.3305	0.0000	3,630.9981	3,631.00	0.365	0.0000	3,640.1233
2026	5.8347	2.3781	22.2391	0.0446	1.2285	0.0528	1.2813	0.3289	0.0522	0.3811	0.0000	3,928.5420	3,928.54	0.3188	0.0000	3,936.5121
2027	5.3184	2.1478	20.2036	0.0404	1.1225	0.0479	1.1704	0.3006	0.0474	0.3479	0.0000	3,563.8609	3,563.86	0.2903	0.0000	3,571.1186
Maximum	5.8347	15.3678	62.8170	0.1436	49.9433	0.2111	50.1544	5.5100	0.2080	5.7180	0.0000	12,864.4830	12,864.4830	2.7414	0.0000	12,933.0169

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	39.28	81.00	-14.76	0.00	36.06	92.34	39.01	32.27	91.94	51.02	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	1-10-2018	4-9-2018	11.9378	2.2798
2	4-10-2018	7-9-2018	14.1667	2.8248
3	7-10-2018	10-9-2018	14.3192	2.8528
4	10-10-2018	1-9-2019	15.4056	3.1868
5	1-10-2019	4-9-2019	14.1714	3.1145
6	4-10-2019	7-9-2019	14.3477	3.1680
7	7-10-2019	10-9-2019	16.4866	3.5371
8	10-10-2019	1-9-2020	16.5170	3.5346
9	1-10-2020	4-9-2020	16.4982	3.6178
10	4-10-2020	7-9-2020	19.7584	4.3005
11	7-10-2020	10-9-2020	22.2150	5.2540
12	10-10-2020	1-9-2021	17.3915	4.2461

13	1-10-2021	4-9-2021	15.2082	3.3555
14	4-10-2021	7-9-2021	14.9747	3.1363
15	7-10-2021	10-9-2021	14.8556	3.0857
16	10-10-2021	1-9-2022	14.7946	3.1588
17	1-10-2022	4-9-2022	13.2478	3.1909
18	4-10-2022	7-9-2022	12.0985	2.9214
19	7-10-2022	10-9-2022	13.3869	3.1687
20	10-10-2022	1-9-2023	10.5043	2.7443
21	1-10-2023	4-9-2023	7.2165	2.1131
22	4-10-2023	7-9-2023	7.2464	2.0863
23	7-10-2023	10-9-2023	7.3316	2.1148
24	10-10-2023	1-9-2024	7.3401	2.1627
25	1-10-2024	4-9-2024	6.7656	2.0717
26	4-10-2024	7-9-2024	6.1991	1.8484
27	7-10-2024	10-9-2024	6.2721	1.8736
28	10-10-2024	1-9-2025	4.2279	1.2275
29	1-10-2025	4-9-2025	3.5126	0.7175
30	4-10-2025	7-9-2025	3.5657	0.7024
31	7-10-2025	10-9-2025	4.7588	1.7324
32	10-10-2025	1-9-2026	5.2275	2.0919
33	1-10-2026	4-9-2026	5.1015	2.0341
34	4-10-2026	7-9-2026	5.1375	2.0360
35	7-10-2026	10-9-2026	5.1962	2.0607
36	10-10-2026	1-9-2027	5.2161	2.0806
37	1-10-2027	4-9-2027	5.0909	2.0235
38	4-10-2027	7-9-2027	5.1275	2.0260
39	7-10-2027	9-30-2027	4.6767	1.8479
		Highest	22.2150	5.2540

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	P1 Site Preparation	Site Preparation	1/10/2018	2/14/2018	6	31	
2	P1 Grading	Grading	1/29/2018	12/1/2020	6	890	
3	P1 Building Construction	Building Construction	3/16/2020	12/2/2024	6	1477	
4	P1 Trenching	Trenching	10/28/2018	5/3/2021	6	787	
5	P1 Architectural Coating	Architectural Coating	7/14/2020	12/2/2024	6	1374	
6	P1 Paving	Paving	7/17/2019	3/23/2022	6	841	
7	P1 Brush Management	Site Preparation	5/1/2019	6/1/2021	6	654	
8	P1 Reservoirs	Site Preparation	12/27/2018	7/3/2019	6	162	
9	P2 Site Preparation	Site Preparation	12/21/2020	1/18/2021	6	25	
10	P2 Grading	Grading	1/18/2021	11/18/2022	6	575	
11	P2 Building Construction	Building Construction	2/3/2025	11/30/2027	6	884	
12	P2 Trenching	Trenching	1/3/2022	3/25/2024	6	697	
13	P2 Architectural Coating	Architectural Coating	8/1/2025	11/30/2027	6	730	
14	P2 Paving	Paving	8/1/2022	5/1/2025	6	862	
15	P2 Brush Management	Site Preparation	11/1/2021	5/31/2023	6	495	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 97.6

Residential Indoor: 5,727,915; Residential Outdoor: 1,909,305; Non-Residential Indoor: 171,000; Non-Residential Outdoor: 57,000;

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
P2 Site Preparation	Crawler Tractors	3	8.00	212	0.43
P2 Site Preparation	Crushing/Proc. Equipment	1	8.00	85	0.78
P2 Grading	Crawler Tractors	7	8.00	212	0.43
P2 Grading	Bore/Drill Rigs	6	8.00	221	0.50

P2 Grading	Off-Highway Trucks	2	8.00	402	0.38
P2 Trenching	Excavators	4	8.00	158	0.38
P2 Trenching	Tractors/Loaders/Backhoes	4	8.00	97	0.37
P2 Paving	Tractors/Loaders/Backhoes	2	8.00	97	0.37
P2 Paving	Scrapers	2	8.00	367	0.48
P2 Brush Management	Trenchers	2	8.00	78	0.50
P1 Site Preparation	Air Compressors	1	6.00	78	0.48
P2 Architectural Coating	Air Compressors	10	6.00	78	0.48
P1 Architectural Coating	Air Compressors	20	6.00	78	0.48
P2 Building Construction	Cranes	4	7.00	231	0.29
P1 Building Construction	Cranes	8	8.00	231	0.29
P2 Grading	Excavators	2	8.00	158	0.38
P1 Grading	Excavators	5	8.00	158	0.38
P2 Building Construction	Forklifts	8	8.00	89	0.20
P1 Building Construction	Forklifts	8	8.00	89	0.20
P2 Building Construction	Generator Sets	20	8.00	84	0.74
P1 Building Construction	Generator Sets	8	8.00	84	0.74
P2 Grading	Graders	2	8.00	187	0.41
P1 Grading	Graders	4	8.00	187	0.41
P2 Paving	Pavers	1	8.00	130	0.42
P1 Paving	Pavers	1	8.00	130	0.42
P2 Paving	Paving Equipment	2	8.00	132	0.36
P1 Paving	Paving Equipment	2	8.00	132	0.36
P2 Paving	Rollers	3	8.00	80	0.38
P1 Paving	Rollers	3	8.00	80	0.38
P2 Grading	Rubber Tired Dozers	0	8.00	247	0.40
P1 Grading	Rubber Tired Dozers	0	8.00	247	0.40
P1 Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
P2 Brush Management	Rubber Tired Dozers	0	8.00	247	0.40
P1 Brush Management	Rubber Tired Dozers	0	8.00	247	0.40

P1 Reservoirs	Rubber Tired Dozers	0	8.00	247	0.40
P2 Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
P2 Grading	Scrapers	5	8.00	367	0.48
P1 Grading	Scrapers	5	8.00	367	0.48
P2 Building Construction	Tractors/Loaders/Backhoes	4	7.00	97	0.37
P1 Building Construction	Tractors/Loaders/Backhoes	4	8.00	97	0.37
P2 Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
P1 Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
P1 Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
P2 Brush Management	Tractors/Loaders/Backhoes	4	8.00	97	0.37
P1 Brush Management	Tractors/Loaders/Backhoes	8	8.00	97	0.37
P1 Reservoirs	Tractors/Loaders/Backhoes	4	8.00	97	0.37
P2 Site Preparation	Tractors/Loaders/Backhoes	2	8.00	97	0.37
P2 Building Construction	Welders	0	8.00	46	0.45
P1 Building Construction	Welders	0	8.00	46	0.45
Architectural Coating	Crawler Tractors	4	8.00	212	0.43
Architectural Coating	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Architectural Coating	Crushing/Proc. Equipment	1	8.00	85	0.78
P1 Grading	Crawler Tractors	11	8.00	212	0.43
P1 Grading	Bore/Drill Rigs	15	8.00	221	0.50
P1 Grading	Off-Highway Trucks	2	8.00	402	0.38
P1 Trenching	Excavators	2	8.00	158	0.38
P1 Trenching	Tractors/Loaders/Backhoes	8	8.00	97	0.37
P1 Paving	Tractors/Loaders/Backhoes	2	8.00	97	0.37
P1 Paving	Scrapers	2	8.00	367	0.48
P1 Brush Management	Trenchers	4	8.00	78	0.50
P1 Reservoirs	Excavators	1	8.00	158	0.38
P1 Reservoirs	Generator Sets	3	8.00	84	0.74
P1 Reservoirs	Aerial Lifts	4	8.00	63	0.31

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
P1 Site Preparation	8	24.00	8.00	360.00	20.00	20.00	0.40	LD_Mix	HDT_Mix	HHDT
P2 Architectural Coating	10	80.00	8.00	0.00	20.00	20.00	0.00	LD_Mix	HDT_Mix	HHDT
P1 Architectural Coating	20	160.00	8.00	0.00	20.00	20.00	0.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction	36	400.00	32.00	0.00	20.00	20.00	0.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction	28	800.00	40.00	0.00	20.00	20.00	0.00	LD_Mix	HDT_Mix	HHDT
P2 Grading	26	96.00	28.00	12,893.00	20.00	20.00	0.80	LD_Mix	HDT_Mix	HHDT
P1 Grading	44	150.00	36.00	290,071.00	20.00	20.00	0.40	LD_Mix	HDT_Mix	HHDT
P2 Paving	10	24.00	16.00	0.00	20.00	20.00	0.00	LD_Mix	HDT_Mix	HHDT
P1 Paving	10	36.00	20.00	0.00	20.00	20.00	0.00	LD_Mix	HDT_Mix	HHDT
P2 Brush Management	6	96.00	16.00	0.00	20.00	20.00	0.00	LD_Mix	HDT_Mix	HHDT
P1 Brush Management	12	192.00	28.00	0.00	20.00	20.00	0.00	LD_Mix	HDT_Mix	HHDT
P1 Reservoirs	12	44.00	4.00	0.00	20.00	20.00	0.00	LD_Mix	HDT_Mix	HHDT
P2 Site Preparation	6	36.00	8.00	288.00	20.00	20.00	0.80	LD_Mix	HDT_Mix	HHDT
P1 Trenching	10	78.00	32.00	0.00	20.00	20.00	0.00	LD_Mix	HDT_Mix	HHDT
P2 Trenching	8	44.00	24.00	0.00	20.00	20.00	0.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

- Use Cleaner Engines for Construction Equipment
- Water Exposed Area
- Reduce Vehicle Speed on Unpaved Roads
- Clean Paved Roads

3.2 P1 Site Preparation - 2018

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					0.5796	0.0000	0.5796	0.1863	0.0000	0.1863	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0754	0.7782	0.3771	6.4000e-004		0.0423	0.0423		0.0391	0.0391	0.0000	57.8354	57.8354	0.0172	0.0000	58.2641
Total	0.0754	0.7782	0.3771	6.4000e-004	0.5796	0.0423	0.6219	0.1863	0.0391	0.2254	0.0000	57.8354	57.8354	0.0172	0.0000	58.2641

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	4.2000e-004	0.0191	3.2000e-003	2.0000e-005	0.0944	2.0000e-005	0.0944	9.4200e-003	2.0000e-005	9.4400e-003	0.0000	2.0196	2.0196	4.1000e-004	0.0000	2.0297
Vendor	1.3800e-003	0.0313	8.3800e-003	8.0000e-005	2.2500e-003	3.4000e-004	2.5900e-003	6.5000e-004	3.2000e-004	9.7000e-004	0.0000	7.9597	7.9597	5.0000e-004	0.0000	7.9721
Worker	2.5700e-003	2.1900e-003	0.0204	6.0000e-005	5.5200e-003	4.0000e-005	5.5600e-003	1.4700e-003	4.0000e-005	1.5000e-003	0.0000	5.2477	5.2477	1.7000e-004	0.0000	5.2520
Total	4.3700e-003	0.0526	0.0320	1.6000e-004	0.1021	4.0000e-004	0.1025	0.0115	3.8000e-004	0.0119	0.0000	15.2270	15.2270	1.0800e-003	0.0000	15.2539

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					0.2261	0.0000	0.2261	0.0727	0.0000	0.0727	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.6800e-003	0.0333	0.3519	6.4000e-004		1.0200e-003	1.0200e-003		1.0200e-003	1.0200e-003	0.0000	57.8353	57.8353	0.0172	0.0000	58.2641

Total	7.6800e-003	0.0333	0.3519	6.4000e-004	0.2261	1.0200e-003	0.2271	0.0727	1.0200e-003	0.0737	0.0000	57.8353	57.8353	0.0172	0.0000	58.2641

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	4.2000e-004	0.0191	3.2000e-003	2.0000e-005	0.0578	2.0000e-005	0.0578	5.7600e-003	2.0000e-005	5.7800e-003	0.0000	2.0196	2.0196	4.1000e-004	0.0000	2.0297
Vendor	1.3800e-003	0.0313	8.3800e-003	8.0000e-005	2.2500e-003	3.4000e-004	2.5900e-003	6.5000e-004	3.2000e-004	9.7000e-004	0.0000	7.9597	7.9597	5.0000e-004	0.0000	7.9721
Worker	2.5700e-003	2.1900e-003	0.0204	6.0000e-005	5.5200e-003	4.0000e-005	5.5600e-003	1.4700e-003	4.0000e-005	1.5000e-003	0.0000	5.2477	5.2477	1.7000e-004	0.0000	5.2520
Total	4.3700e-003	0.0526	0.0320	1.6000e-004	0.0656	4.0000e-004	0.0660	7.8800e-003	3.8000e-004	8.2500e-003	0.0000	15.2270	15.2270	1.0800e-003	0.0000	15.2539

3.3 P1 Grading - 2018

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					0.4626	0.0000	0.4626	0.0570	0.0000	0.0570	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.3106	42.4086	20.4878	0.0562		1.5569	1.5569		1.4323	1.4323	0.0000	5,126.3326	5,126.3326	1.5959	0.0000	5,166.2300
Total	3.3106	42.4086	20.4878	0.0562	0.4626	1.5569	2.0195	0.0570	1.4323	1.4894	0.0000	5,126.3326	5,126.3326	1.5959	0.0000	5,166.2300

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	0.1109	4.9892	0.8363	5.3800e-003	76.0267	5.8100e-003	76.0325	7.5878	5.5500e-003	7.5934	0.0000	528.4081	528.4081	0.1060	0.0000	531.0581
Vendor	0.0580	1.3147	0.3514	3.4400e-003	0.0944	0.0142	0.1085	0.0272	0.0136	0.0408	0.0000	333.9235	333.9235	0.0208	0.0000	334.4439
Worker	0.1498	0.1278	1.1867	3.3800e-003	0.3217	2.2600e-003	0.3240	0.0855	2.0800e-003	0.0875	0.0000	305.7635	305.7635	0.0101	0.0000	306.0159
Total	0.3187	6.4316	2.3744	0.0122	76.4428	0.0222	76.4650	7.7005	0.0212	7.7217	0.0000	1,168.0951	1,168.0951	0.1369	0.0000	1,171.5178

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					0.1804	0.0000	0.1804	0.0222	0.0000	0.0222	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6930	3.0032	26.8334	0.0562		0.0924	0.0924		0.0924	0.0924	0.0000	5,126.3265	5,126.3265	1.5959	0.0000	5,166.2239
Total	0.6930	3.0032	26.8334	0.0562	0.1804	0.0924	0.2728	0.0222	0.0924	0.1147	0.0000	5,126.3265	5,126.3265	1.5959	0.0000	5,166.2239

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	0.1109	4.9892	0.8363	5.3800e-003	46.5492	5.8100e-003	46.5550	4.6401	5.5500e-003	4.6456	0.0000	528.4081	528.4081	0.1060	0.0000	531.0581
Vendor	0.0580	1.3147	0.3514	3.4400e-003	0.0944	0.0142	0.1085	0.0272	0.0136	0.0408	0.0000	333.9235	333.9235	0.0208	0.0000	334.4439
Worker	0.1498	0.1278	1.1867	3.3800e-003	0.3217	2.2600e-003	0.3240	0.0855	2.0800e-003	0.0875	0.0000	305.7635	305.7635	0.0101	0.0000	306.0159
Total	0.3187	6.4316	2.3744	0.0122	46.9652	0.0222	46.9875	4.7527	0.0212	4.7739	0.0000	1,168.0951	1,168.0951	0.1369	0.0000	1,171.5178

3.3 P1 Grading - 2019

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					0.4626	0.0000	0.4626	0.0570	0.0000	0.0570	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.3453	41.7489	21.2950	0.0608		1.5249	1.5249		1.4030	1.4030	0.0000	5,456.5776	5,456.5776	1.7264	0.0000	5,499.7377
Total	3.3453	41.7489	21.2950	0.0608	0.4626	1.5249	1.9876	0.0570	1.4030	1.4600	0.0000	5,456.5776	5,456.5776	1.7264	0.0000	5,499.7377

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	0.1118	5.2430	0.8498	5.8000e-003	76.0271	5.6000e-003	76.0327	7.5880	5.3500e-003	7.5933	0.0000	571.1168	571.1168	0.1096	0.0000	573.8557
Vendor	0.0558	1.3164	0.3507	3.6900e-003	0.1022	0.0128	0.1150	0.0295	0.0123	0.0418	0.0000	358.6469	358.6469	0.0220	0.0000	359.1970
Worker	0.1499	0.1238	1.1585	3.5500e-003	0.3484	2.4200e-003	0.3508	0.0926	2.2300e-003	0.0948	0.0000	321.1532	321.1532	9.8900e-003	0.0000	321.4005
Total	0.3174	6.6832	2.3589	0.0130	76.4777	0.0209	76.4986	7.7100	0.0199	7.7299	0.0000	1,250.9170	1,250.9170	0.1414	0.0000	1,254.4532

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					0.1804	0.0000	0.1804	0.0222	0.0000	0.0222	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.7506	3.2526	29.0618	0.0608		0.1001	0.1001		0.1001	0.1001	0.0000	5,456.5711	5,456.5711	1.7264	0.0000	5,499.7311
Total	0.7506	3.2526	29.0618	0.0608	0.1804	0.1001	0.2805	0.0222	0.1001	0.1223	0.0000	5,456.5711	5,456.5711	1.7264	0.0000	5,499.7311

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	0.1118	5.2430	0.8498	5.8000e-003	46.5496	5.6000e-003	46.5552	4.6402	5.3500e-003	4.6456	0.0000	571.1168	571.1168	0.1096	0.0000	573.8557
Vendor	0.0558	1.3164	0.3507	3.6900e-003	0.1022	0.0128	0.1150	0.0295	0.0123	0.0418	0.0000	358.6469	358.6469	0.0220	0.0000	359.1970
Worker	0.1499	0.1238	1.1585	3.5500e-003	0.3484	2.4200e-003	0.3508	0.0926	2.2300e-003	0.0948	0.0000	321.1532	321.1532	9.8900e-003	0.0000	321.4005
Total	0.3174	6.6832	2.3589	0.0130	47.0002	0.0209	47.0211	4.7623	0.0199	4.7821	0.0000	1,250.9170	1,250.9170	0.1414	0.0000	1,254.4532

3.3 P1 Grading - 2020

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					0.4626	0.0000	0.4626	0.0570	0.0000	0.0570	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.9344	35.6887	18.9933	0.0560		1.2993	1.2993		1.1953	1.1953	0.0000	4,916.3521	4,916.3521	1.5901	0.0000	4,956.1033
Total	2.9344	35.6887	18.9933	0.0560	0.4626	1.2993	1.7619	0.0570	1.1953	1.2524	0.0000	4,916.3521	4,916.3521	1.5901	0.0000	4,956.1033

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	0.0914	4.6498	0.7246	5.3300e-003	76.0267	3.6400e-003	76.0303	7.5878	3.4800e-003	7.5913	0.0000	526.7029	526.7029	0.0934	0.0000	529.0390
Vendor	0.0406	1.0663	0.2878	3.3600e-003	0.0940	7.5400e-003	0.1016	0.0271	7.2100e-003	0.0343	0.0000	327.2517	327.2517	0.0195	0.0000	327.7385
Worker	0.1292	0.1029	0.9757	3.1600e-003	0.3206	2.1900e-003	0.3228	0.0852	2.0200e-003	0.0872	0.0000	286.1644	286.1644	8.2300e-003	0.0000	286.3703
Total	0.2612	5.8190	1.9881	0.0119	76.4413	0.0134	76.4547	7.7001	0.0127	7.7128	0.0000	1,140.1190	1,140.1190	0.1211	0.0000	1,143.1478

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					0.1804	0.0000	0.1804	0.0222	0.0000	0.0222	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Off-Road	0.6906	2.9928	26.7406	0.0560		0.0921	0.0921		0.0921	0.0921	0.0000	4,916.3463	4,916.3463	1.5901	0.0000	4,956.0974
Total	0.6906	2.9928	26.7406	0.0560	0.1804	0.0921	0.2725	0.0222	0.0921	0.1143	0.0000	4,916.3463	4,916.3463	1.5901	0.0000	4,956.0974

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	0.0914	4.6498	0.7246	5.3300e-003	46.5492	3.6400e-003	46.5528	4.6401	3.4800e-003	4.6435	0.0000	526.7029	526.7029	0.0934	0.0000	529.0390
Vendor	0.0406	1.0663	0.2878	3.3600e-003	0.0940	7.5400e-003	0.1016	0.0271	7.2100e-003	0.0343	0.0000	327.2517	327.2517	0.0195	0.0000	327.7385
Worker	0.1292	0.1029	0.9757	3.1600e-003	0.3206	2.1900e-003	0.3228	0.0852	2.0200e-003	0.0872	0.0000	286.1644	286.1644	8.2300e-003	0.0000	286.3703
Total	0.2612	5.8190	1.9881	0.0119	46.9638	0.0134	46.9772	4.7523	0.0127	4.7651	0.0000	1,140.1190	1,140.1190	0.1211	0.0000	1,143.1478

3.4 P1 Building Construction - 2020

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	1.1012	11.2202	8.1410	0.0154		0.5817	0.5817		0.5509	0.5509	0.0000	1,342.8505	1,342.8505	0.2833	0.0000	1,349.9338
Total	1.1012	11.2202	8.1410	0.0154		0.5817	0.5817		0.5509	0.5509	0.0000	1,342.8505	1,342.8505	0.2833	0.0000	1,349.9338

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	0.0392	1.0284	0.2776	3.2400e-003	0.0907	7.2700e-003	0.0980	0.0262	6.9600e-003	0.0331	0.0000	315.6363	315.6363	0.0188	0.0000	316.1058
Worker	0.5980	0.4764	4.5173	0.0147	1.4842	0.0101	1.4943	0.3943	9.3500e-003	0.4036	0.0000	1,324.8352	1,324.8352	0.0381	0.0000	1,325.7882
Total	0.6372	1.5048	4.7949	0.0179	1.5749	0.0174	1.5923	0.4204	0.0163	0.4368	0.0000	1,640.4715	1,640.4715	0.0569	0.0000	1,641.8940

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	0.1745	0.7561	8.9883	0.0154		0.0233	0.0233		0.0233	0.0233	0.0000	1,342.8489	1,342.8489	0.2833	0.0000	1,349.9322
Total	0.1745	0.7561	8.9883	0.0154		0.0233	0.0233		0.0233	0.0233	0.0000	1,342.8489	1,342.8489	0.2833	0.0000	1,349.9322

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	0.0392	1.0284	0.2776	3.2400e-003	0.0907	7.2700e-003	0.0980	0.0262	6.9600e-003	0.0331	0.0000	315.6363	315.6363	0.0188	0.0000	316.1058
Worker	0.5980	0.4764	4.5173	0.0147	1.4842	0.0101	1.4943	0.3943	9.3500e-003	0.4036	0.0000	1,324.8352	1,324.8352	0.0381	0.0000	1,325.7882
Total	0.6372	1.5048	4.7949	0.0179	1.5749	0.0174	1.5923	0.4204	0.0163	0.4368	0.0000	1,640.4715	1,640.4715	0.0569	0.0000	1,641.8940

3.4 P1 Building Construction - 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					
Off-Road	1.2436	12.6984	9.9728	0.0193		0.6313	0.6313		0.5976	0.5976	0.0000	1,681.2658	1,681.2658	0.3510	0.0000	1,690.0408
Total	1.2436	12.6984	9.9728	0.0193		0.6313	0.6313		0.5976	0.5976	0.0000	1,681.2658	1,681.2658	0.3510	0.0000	1,690.0408

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	0.0381	1.1182	0.3115	4.0200e-003	0.1136	3.4100e-003	0.1170	0.0328	3.2700e-003	0.0360	0.0000	391.5769	391.5769	0.0228	0.0000	392.1460
Worker	0.7078	0.5427	5.2919	0.0177	1.8582	0.0125	1.8707	0.4936	0.0115	0.5052	0.0000	1,602.9166	1,602.9166	0.0441	0.0000	1,604.0189
Total	0.7459	1.6609	5.6034	0.0217	1.9718	0.0159	1.9877	0.5264	0.0148	0.5412	0.0000	1,994.4934	1,994.4934	0.0669	0.0000	1,996.1649

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	0.2185	0.9467	11.2533	0.0193		0.0291	0.0291		0.0291	0.0291	0.0000	1,681.2638	1,681.2638	0.3510	0.0000	1,690.0388
Total	0.2185	0.9467	11.2533	0.0193		0.0291	0.0291		0.0291	0.0291	0.0000	1,681.2638	1,681.2638	0.3510	0.0000	1,690.0388

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	0.0381	1.1182	0.3115	4.0200e-003	0.1136	3.4100e-003	0.1170	0.0328	3.2700e-003	0.0360	0.0000	391.5769	391.5769	0.0228	0.0000	392.1460
Worker	0.7078	0.5427	5.2919	0.0177	1.8582	0.0125	1.8707	0.4936	0.0115	0.5052	0.0000	1,602.9166	1,602.9166	0.0441	0.0000	1,604.0189
Total	0.7459	1.6609	5.6034	0.0217	1.9718	0.0159	1.9877	0.5264	0.0148	0.5412	0.0000	1,994.4934	1,994.4934	0.0669	0.0000	1,996.1649

3.4 P1 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	1.1255	11.2746	9.8169	0.0193		0.5453	0.5453		0.5164	0.5164	0.0000	1,681.5622	1,681.5622	0.3486	0.0000	1,690.2774
Total	1.1255	11.2746	9.8169	0.0193		0.5453	0.5453		0.5164	0.5164	0.0000	1,681.5622	1,681.5622	0.3486	0.0000	1,690.2774

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	0.0356	1.0366	0.2984	3.9700e-003	0.1136	2.9400e-003	0.1165	0.0328	2.8100e-003	0.0356	0.0000	387.8116	387.8116	0.0224	0.0000	388.3712
Worker	0.6715	0.4953	4.9193	0.0171	1.8582	0.0122	1.8704	0.4936	0.0113	0.5049	0.0000	1,544.0953	1,544.0953	0.0404	0.0000	1,545.1057
Total	0.7071	1.5319	5.2177	0.0210	1.9718	0.0152	1.9869	0.5264	0.0141	0.5405	0.0000	1,931.9069	1,931.9069	0.0628	0.0000	1,933.4770

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	0.2185	0.9467	11.2533	0.0193		0.0291	0.0291		0.0291	0.0291	0.0000	1,681.5602	1,681.5602	0.3486	0.0000	1,690.2754

Total	0.2185	0.9467	11.2533	0.0193		0.0291	0.0291		0.0291	0.0291	0.0000	1,681.5602	1,681.5602	0.3486	0.0000	1,690.2754

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	0.0356	1.0366	0.2984	3.9700e-003	0.1136	2.9400e-003	0.1165	0.0328	2.8100e-003	0.0356	0.0000	387.8116	387.8116	0.0224	0.0000	388.3712
Worker	0.6715	0.4953	4.9193	0.0171	1.8582	0.0122	1.8704	0.4936	0.0113	0.5049	0.0000	1,544.0953	1,544.0953	0.0404	0.0000	1,545.1057
Total	0.7071	1.5319	5.2177	0.0210	1.9718	0.0152	1.9869	0.5264	0.0141	0.5405	0.0000	1,931.9069	1,931.9069	0.0628	0.0000	1,933.4770

3.4 P1 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	1.0427	10.3067	9.6898	0.0193		0.4803	0.4803		0.4546	0.4546	0.0000	1,676.3683	1,676.3683	0.3451	0.0000	1,684.9950
Total	1.0427	10.3067	9.6898	0.0193		0.4803	0.4803		0.4546	0.4546	0.0000	1,676.3683	1,676.3683	0.3451	0.0000	1,684.9950

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	0.0270	0.7484	0.2734	3.8600e-003	0.1132	1.3900e-003	0.1146	0.0327	1.3300e-003	0.0340	0.0000	377.3747	377.3747	0.0212	0.0000	377.9045
Worker	0.6360	0.4512	4.5524	0.0164	1.8523	0.0119	1.8642	0.4921	0.0110	0.5031	0.0000	1,480.3142	1,480.3142	0.0369	0.0000	1,481.2358
Total	0.6630	1.1996	4.8258	0.0202	1.9655	0.0133	1.9788	0.5247	0.0123	0.5370	0.0000	1,857.6889	1,857.6889	0.0581	0.0000	1,859.1403

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	0.2178	0.9437	11.2174	0.0193		0.0290	0.0290		0.0290	0.0290	0.0000	1,676.3663	1,676.3663	0.3451	0.0000	1,684.9930
Total	0.2178	0.9437	11.2174	0.0193		0.0290	0.0290		0.0290	0.0290	0.0000	1,676.3663	1,676.3663	0.3451	0.0000	1,684.9930

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	0.0270	0.7484	0.2734	3.8600e-003	0.1132	1.3900e-003	0.1146	0.0327	1.3300e-003	0.0340	0.0000	377.3747	377.3747	0.0212	0.0000	377.9045
Worker	0.6360	0.4512	4.5524	0.0164	1.8523	0.0119	1.8642	0.4921	0.0110	0.5031	0.0000	1,480.3142	1,480.3142	0.0369	0.0000	1,481.2358
Total	0.6630	1.1996	4.8258	0.0202	1.9655	0.0133	1.9788	0.5247	0.0123	0.5370	0.0000	1,857.6889	1,857.6889	0.0581	0.0000	1,859.1403

3.4 P1 Building Construction - 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	0.9051	8.8509	8.8962	0.0178		0.3940	0.3940		0.3727	0.3727	0.0000	1,552.8772	1,552.8772	0.3174	0.0000	1,560.8111
Total	0.9051	8.8509	8.8962	0.0178		0.3940	0.3940		0.3727	0.3727	0.0000	1,552.8772	1,552.8772	0.3174	0.0000	1,560.8111

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	0.0243	0.6807	0.2484	3.5500e-003	0.1048	1.2700e-003	0.1061	0.0302	1.2100e-003	0.0315	0.0000	347.6623	347.6623	0.0196	0.0000	348.1535
Worker	0.5617	0.3837	3.9418	0.0146	1.7157	0.0109	1.7266	0.4558	9.9900e-003	0.4658	0.0000	1,317.1623	1,317.1623	0.0314	0.0000	1,317.9470
Total	0.5860	1.0644	4.1902	0.0181	1.8206	0.0121	1.8327	0.4860	0.0112	0.4972	0.0000	1,664.8247	1,664.8247	0.0510	0.0000	1,666.1005

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	0.2017	0.8741	10.3904	0.0178		0.0269	0.0269		0.0269	0.0269	0.0000	1,552.8753	1,552.8753	0.3174	0.0000	1,560.8093
Total	0.2017	0.8741	10.3904	0.0178		0.0269	0.0269		0.0269	0.0269	0.0000	1,552.8753	1,552.8753	0.3174	0.0000	1,560.8093

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	0.0243	0.6807	0.2484	3.5500e-003	0.1048	1.2700e-003	0.1061	0.0302	1.2100e-003	0.0315	0.0000	347.6623	347.6623	0.0196	0.0000	348.1535
Worker	0.5617	0.3837	3.9418	0.0146	1.7157	0.0109	1.7266	0.4558	9.9900e-003	0.4658	0.0000	1,317.1623	1,317.1623	0.0314	0.0000	1,317.9470
Total	0.5860	1.0644	4.1902	0.0181	1.8206	0.0121	1.8327	0.4860	0.0112	0.4972	0.0000	1,664.8247	1,664.8247	0.0510	0.0000	1,666.1005

3.5 P1 Trenching - 2018

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	0.0743	0.7473	0.6931	9.7000e-004		0.0491	0.0491		0.0452	0.0452	0.0000	88.2254	88.2254	0.0275	0.0000	88.9120
Total	0.0743	0.7473	0.6931	9.7000e-004		0.0491	0.0491		0.0452	0.0452	0.0000	88.2254	88.2254	0.0275	0.0000	88.9120

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	9.8100e-003	0.2224	0.0595	5.8000e-004	0.0160	2.4000e-003	0.0184	4.6000e-003	2.2900e-003	6.9000e-003	0.0000	56.4884	56.4884	3.5200e-003	0.0000	56.5764
Worker	0.0148	0.0127	0.1174	3.3000e-004	0.0318	2.2000e-004	0.0321	8.4600e-003	2.1000e-004	8.6600e-003	0.0000	30.2590	30.2590	1.0000e-003	0.0000	30.2839
Total	0.0246	0.2350	0.1769	9.1000e-004	0.0478	2.6200e-003	0.0504	0.0131	2.5000e-003	0.0156	0.0000	86.7474	86.7474	4.5200e-003	0.0000	86.8604

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	0.0118	0.0513	0.7297	9.7000e-004		1.5800e-003	1.5800e-003		1.5800e-003	1.5800e-003	0.0000	88.2253	88.2253	0.0275	0.0000	88.9119

Total	0.0118	0.0513	0.7297	9.7000e-004		1.5800e-003	1.5800e-003		1.5800e-003	1.5800e-003	0.0000	88.2253	88.2253	0.0275	0.0000	88.9119

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	9.8100e-003	0.2224	0.0595	5.8000e-004	0.0160	2.4000e-003	0.0184	4.6000e-003	2.2900e-003	6.9000e-003	0.0000	56.4884	56.4884	3.5200e-003	0.0000	56.5764
Worker	0.0148	0.0127	0.1174	3.3000e-004	0.0318	2.2000e-004	0.0321	8.4600e-003	2.1000e-004	8.6600e-003	0.0000	30.2590	30.2590	1.0000e-003	0.0000	30.2839
Total	0.0246	0.2350	0.1769	9.1000e-004	0.0478	2.6200e-003	0.0504	0.0131	2.5000e-003	0.0156	0.0000	86.7474	86.7474	4.5200e-003	0.0000	86.8604

3.5 P1 Trenching - 2019

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	0.3723	3.7581	3.8978	5.5000e-003		0.2353	0.2353		0.2164	0.2164	0.0000	493.7477	493.7477	0.1562	0.0000	497.6531
Total	0.3723	3.7581	3.8978	5.5000e-003		0.2353	0.2353		0.2164	0.2164	0.0000	493.7477	493.7477	0.1562	0.0000	497.6531

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	0.0496	1.1701	0.3117	3.2800e-003	0.0908	0.0114	0.1023	0.0262	0.0109	0.0371	0.0000	318.7973	318.7973	0.0196	0.0000	319.2863
Worker	0.0779	0.0644	0.6024	1.8500e-003	0.1812	1.2600e-003	0.1824	0.0481	1.1600e-003	0.0493	0.0000	166.9997	166.9997	5.1400e-003	0.0000	167.1283
Total	0.1275	1.2345	0.9141	5.1300e-003	0.2720	0.0127	0.2847	0.0743	0.0121	0.0864	0.0000	485.7970	485.7970	0.0247	0.0000	486.4145

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	0.0673	0.2918	4.1529	5.5000e-003		8.9800e-003	8.9800e-003		8.9800e-003	8.9800e-003	0.0000	493.7471	493.7471	0.1562	0.0000	497.6525
Total	0.0673	0.2918	4.1529	5.5000e-003		8.9800e-003	8.9800e-003		8.9800e-003	8.9800e-003	0.0000	493.7471	493.7471	0.1562	0.0000	497.6525

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	0.0496	1.1701	0.3117	3.2800e-003	0.0908	0.0114	0.1023	0.0262	0.0109	0.0371	0.0000	318.7973	318.7973	0.0196	0.0000	319.2863
Worker	0.0779	0.0644	0.6024	1.8500e-003	0.1812	1.2600e-003	0.1824	0.0481	1.1600e-003	0.0493	0.0000	166.9997	166.9997	5.1400e-003	0.0000	167.1283
Total	0.1275	1.2345	0.9141	5.1300e-003	0.2720	0.0127	0.2847	0.0743	0.0121	0.0864	0.0000	485.7970	485.7970	0.0247	0.0000	486.4145

3.5 P1 Trenching - 2020

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	0.3394	3.3947	3.8829	5.5100e-003		0.2034	0.2034		0.1871	0.1871	0.0000	484.4876	484.4876	0.1567	0.0000	488.4049
Total	0.3394	3.3947	3.8829	5.5100e-003		0.2034	0.2034		0.1871	0.1871	0.0000	484.4876	484.4876	0.1567	0.0000	488.4049

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	0.0394	1.0334	0.2789	3.2600e-003	0.0911	7.3100e-003	0.0984	0.0263	6.9900e-003	0.0333	0.0000	317.1513	317.1513	0.0189	0.0000	317.6231
Worker	0.0732	0.0583	0.5532	1.7900e-003	0.1818	1.2400e-003	0.1830	0.0483	1.1400e-003	0.0494	0.0000	162.2393	162.2393	4.6700e-003	0.0000	162.3560
Total	0.1126	1.0917	0.8321	5.0500e-003	0.2729	8.5500e-003	0.2814	0.0746	8.1300e-003	0.0827	0.0000	479.3907	479.3907	0.0235	0.0000	479.9791

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	0.0676	0.2928	4.1661	5.5100e-003		9.0100e-003	9.0100e-003		9.0100e-003	9.0100e-003	0.0000	484.4870	484.4870	0.1567	0.0000	488.4043
Total	0.0676	0.2928	4.1661	5.5100e-003		9.0100e-003	9.0100e-003		9.0100e-003	9.0100e-003	0.0000	484.4870	484.4870	0.1567	0.0000	488.4043

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	0.0394	1.0334	0.2789	3.2600e-003	0.0911	7.3100e-003	0.0984	0.0263	6.9900e-003	0.0333	0.0000	317.1513	317.1513	0.0189	0.0000	317.6231
Worker	0.0732	0.0583	0.5532	1.7900e-003	0.1818	1.2400e-003	0.1830	0.0483	1.1400e-003	0.0494	0.0000	162.2393	162.2393	4.6700e-003	0.0000	162.3560
Total	0.1126	1.0917	0.8321	5.0500e-003	0.2729	8.5500e-003	0.2814	0.0746	8.1300e-003	0.0827	0.0000	479.3907	479.3907	0.0235	0.0000	479.9791

3.5 P1 Trenching - 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					
Off-Road	0.1025	1.0203	1.2907	1.8400e-003		0.0578	0.0578		0.0532	0.0532	0.0000	162.0671	162.0671	0.0524	0.0000	163.3775
Total	0.1025	1.0203	1.2907	1.8400e-003		0.0578	0.0578		0.0532	0.0532	0.0000	162.0671	162.0671	0.0524	0.0000	163.3775

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	0.0102	0.3001	0.0836	1.0800e-003	0.0305	9.2000e-004	0.0314	8.7900e-003	8.8000e-004	9.6700e-003	0.0000	105.0877	105.0877	6.1100e-003	0.0000	105.2405
Worker	0.0232	0.0178	0.1731	5.8000e-004	0.0608	4.1000e-004	0.0612	0.0162	3.8000e-004	0.0165	0.0000	52.4277	52.4277	1.4400e-003	0.0000	52.4637
Total	0.0334	0.3179	0.2567	1.6600e-003	0.0913	1.3300e-003	0.0926	0.0249	1.2600e-003	0.0262	0.0000	157.5154	157.5154	7.5500e-003	0.0000	157.7042

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	0.0226	0.0979	1.3931	1.8400e-003		3.0100e-003	3.0100e-003		3.0100e-003	3.0100e-003	0.0000	162.0670	162.0670	0.0524	0.0000	163.3773

Total	0.0226	0.0979	1.3931	1.8400e-003		3.0100e-003	3.0100e-003		3.0100e-003	3.0100e-003	0.0000	162.0670	162.0670	0.0524	0.0000	163.3773

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	0.0102	0.3001	0.0836	1.0800e-003	0.0305	9.2000e-004	0.0314	8.7900e-003	8.8000e-004	9.6700e-003	0.0000	105.0877	105.0877	6.1100e-003	0.0000	105.2405
Worker	0.0232	0.0178	0.1731	5.8000e-004	0.0608	4.1000e-004	0.0612	0.0162	3.8000e-004	0.0165	0.0000	52.4277	52.4277	1.4400e-003	0.0000	52.4637
Total	0.0334	0.3179	0.2567	1.6600e-003	0.0913	1.3300e-003	0.0926	0.0249	1.2600e-003	0.0262	0.0000	157.5154	157.5154	7.5500e-003	0.0000	157.7042

3.6 P1 Architectural Coating - 2020

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	1.2821					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3560	2.4752	2.6922	4.3700e-003		0.1631	0.1631		0.1631	0.1631	0.0000	375.3283	375.3283	0.0291	0.0000	376.0548
Total	1.6381	2.4752	2.6922	4.3700e-003		0.1631	0.1631		0.1631	0.1631	0.0000	375.3283	375.3283	0.0291	0.0000	376.0548

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	4.6100e-003	0.1209	0.0326	3.8000e-004	0.0107	8.6000e-004	0.0115	3.0800e-003	8.2000e-004	3.8900e-003	0.0000	37.1188	37.1188	2.2100e-003	0.0000	37.1740
Worker	0.0703	0.0560	0.5312	1.7200e-003	0.1745	1.1900e-003	0.1757	0.0464	1.1000e-003	0.0475	0.0000	155.8006	155.8006	4.4800e-003	0.0000	155.9127
Total	0.0749	0.1770	0.5639	2.1000e-003	0.1852	2.0500e-003	0.1873	0.0495	1.9200e-003	0.0514	0.0000	192.9195	192.9195	6.6900e-003	0.0000	193.0867

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	1.2821					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0437	0.1893	2.6936	4.3700e-003		5.8200e-003	5.8200e-003		5.8200e-003	5.8200e-003	0.0000	375.3279	375.3279	0.0291	0.0000	376.0543
Total	1.3258	0.1893	2.6936	4.3700e-003		5.8200e-003	5.8200e-003		5.8200e-003	5.8200e-003	0.0000	375.3279	375.3279	0.0291	0.0000	376.0543

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	4.6100e-003	0.1209	0.0326	3.8000e-004	0.0107	8.6000e-004	0.0115	3.0800e-003	8.2000e-004	3.8900e-003	0.0000	37.1188	37.1188	2.2100e-003	0.0000	37.1740
Worker	0.0703	0.0560	0.5312	1.7200e-003	0.1745	1.1900e-003	0.1757	0.0464	1.1000e-003	0.0475	0.0000	155.8006	155.8006	4.4800e-003	0.0000	155.9127
Total	0.0749	0.1770	0.5639	2.1000e-003	0.1852	2.0500e-003	0.1873	0.0495	1.9200e-003	0.0514	0.0000	192.9195	192.9195	6.6900e-003	0.0000	193.0867

3.6 P1 Architectural Coating - 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					
Archit. Coating	2.7299					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6852	4.7790	5.6890	9.3000e-003		0.2945	0.2945		0.2945	0.2945	0.0000	799.1684	799.1684	0.0548	0.0000	800.5395
Total	3.4150	4.7790	5.6890	9.3000e-003		0.2945	0.2945		0.2945	0.2945	0.0000	799.1684	799.1684	0.0548	0.0000	800.5395

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	7.6200e-003	0.2236	0.0623	8.0000e-004	0.0227	6.8000e-004	0.0234	6.5500e-003	6.5000e-004	7.2000e-003	0.0000	78.3154	78.3154	4.5500e-003	0.0000	78.4292
Worker	0.1416	0.1085	1.0584	3.5400e-003	0.3716	2.5000e-003	0.3741	0.0987	2.3000e-003	0.1010	0.0000	320.5833	320.5833	8.8200e-003	0.0000	320.8038
Total	0.1492	0.3322	1.1207	4.3400e-003	0.3944	3.1800e-003	0.3975	0.1053	2.9500e-003	0.1082	0.0000	398.8987	398.8987	0.0134	0.0000	399.2330

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	2.7299					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0930	0.4030	5.7354	9.3000e-003		0.0124	0.0124		0.0124	0.0124	0.0000	799.1675	799.1675	0.0548	0.0000	800.5386
Total	2.8229	0.4030	5.7354	9.3000e-003		0.0124	0.0124		0.0124	0.0124	0.0000	799.1675	799.1675	0.0548	0.0000	800.5386

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	7.6200e-003	0.2236	0.0623	8.0000e-004	0.0227	6.8000e-004	0.0234	6.5500e-003	6.5000e-004	7.2000e-003	0.0000	78.3154	78.3154	4.5500e-003	0.0000	78.4292
Worker	0.1416	0.1085	1.0584	3.5400e-003	0.3716	2.5000e-003	0.3741	0.0987	2.3000e-003	0.1010	0.0000	320.5833	320.5833	8.8200e-003	0.0000	320.8038
Total	0.1492	0.3322	1.1207	4.3400e-003	0.3944	3.1800e-003	0.3975	0.1053	2.9500e-003	0.1082	0.0000	398.8987	398.8987	0.0134	0.0000	399.2330

3.6 P1 Architectural Coating - 2022

Unmitigated Construction On-Site

Off-Road	0.0930	0.4030	5.7354	9.3000e-003		0.0124	0.0124		0.0124	0.0124	0.0000	799.1675	799.1675	0.0520	0.0000	800.4683
Total	2.8229	0.4030	5.7354	9.3000e-003		0.0124	0.0124		0.0124	0.0124	0.0000	799.1675	799.1675	0.0520	0.0000	800.4683

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	7.1100e-003	0.2073	0.0597	7.9000e-004	0.0227	5.9000e-004	0.0233	6.5500e-003	5.6000e-004	7.1100e-003	0.0000	77.5623	77.5623	4.4800e-003	0.0000	77.6743
Worker	0.1343	0.0991	0.9839	3.4100e-003	0.3716	2.4400e-003	0.3741	0.0987	2.2500e-003	0.1010	0.0000	308.8191	308.8191	8.0800e-003	0.0000	309.0212
Total	0.1414	0.3064	1.0435	4.2000e-003	0.3944	3.0300e-003	0.3974	0.1053	2.8100e-003	0.1081	0.0000	386.3814	386.3814	0.0126	0.0000	386.6954

3.6 P1 Architectural Coating - 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					
Archit. Coating	2.7211					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5980	4.0653	5.6507	9.2700e-003		0.2210	0.2210		0.2210	0.2210	0.0000	796.6152	796.6152	0.0477	0.0000	797.8067
Total	3.3191	4.0653	5.6507	9.2700e-003		0.2210	0.2210		0.2210	0.2210	0.0000	796.6152	796.6152	0.0477	0.0000	797.8067

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	5.4000e-003	0.1497	0.0547	7.7000e-004	0.0226	2.8000e-004	0.0229	6.5300e-003	2.7000e-004	6.8000e-003	0.0000	75.4749	75.4749	4.2400e-003	0.0000	75.5809
Worker	0.1272	0.0903	0.9105	3.2700e-003	0.3705	2.3900e-003	0.3728	0.0984	2.2000e-003	0.1006	0.0000	296.0628	296.0628	7.3700e-003	0.0000	296.2472
Total	0.1326	0.2399	0.9652	4.0400e-003	0.3931	2.6700e-003	0.3958	0.1049	2.4700e-003	0.1074	0.0000	371.5378	371.5378	0.0116	0.0000	371.8281

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	2.7211					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0927	0.4017	5.7171	9.2700e-003		0.0124	0.0124		0.0124	0.0124	0.0000	796.6142	796.6142	0.0477	0.0000	797.8057
Total	2.8138	0.4017	5.7171	9.2700e-003		0.0124	0.0124		0.0124	0.0124	0.0000	796.6142	796.6142	0.0477	0.0000	797.8057

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	5.4000e-003	0.1497	0.0547	7.7000e-004	0.0226	2.8000e-004	0.0229	6.5300e-003	2.7000e-004	6.8000e-003	0.0000	75.4749	75.4749	4.2400e-003	0.0000	75.5809
Worker	0.1272	0.0903	0.9105	3.2700e-003	0.3705	2.3900e-003	0.3728	0.0984	2.2000e-003	0.1006	0.0000	296.0628	296.0628	7.3700e-003	0.0000	296.2472
Total	0.1326	0.2399	0.9652	4.0400e-003	0.3931	2.6700e-003	0.3958	0.1049	2.4700e-003	0.1074	0.0000	371.5378	371.5378	0.0116	0.0000	371.8281

3.6 P1 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	2.5205					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5224	3.5223	5.2313	8.5900e-003		0.1761	0.1761		0.1761	0.1761	0.0000	737.8903	737.8903	0.0416	0.0000	738.9291
Total	3.0430	3.5223	5.2313	8.5900e-003		0.1761	0.1761		0.1761	0.1761	0.0000	737.8903	737.8903	0.0416	0.0000	738.9291

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	4.8600e-003	0.1361	0.0497	7.1000e-004	0.0210	2.5000e-004	0.0212	6.0500e-003	2.4000e-004	6.2900e-003	0.0000	69.5325	69.5325	3.9300e-003	0.0000	69.6307
Worker	0.1123	0.0767	0.7884	2.9100e-003	0.3431	2.1700e-003	0.3453	0.0912	2.0000e-003	0.0932	0.0000	263.4325	263.4325	6.2800e-003	0.0000	263.5894
Total	0.1172	0.2129	0.8381	3.6200e-003	0.3641	2.4200e-003	0.3665	0.0972	2.2400e-003	0.0995	0.0000	332.9649	332.9649	0.0102	0.0000	333.2201

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	2.5205					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0859	0.3721	5.2957	8.5900e-003		0.0115	0.0115		0.0115	0.0115	0.0000	737.8895	737.8895	0.0416	0.0000	738.9282
Total	2.6064	0.3721	5.2957	8.5900e-003		0.0115	0.0115		0.0115	0.0115	0.0000	737.8895	737.8895	0.0416	0.0000	738.9282

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	4.8600e-003	0.1361	0.0497	7.1000e-004	0.0210	2.5000e-004	0.0212	6.0500e-003	2.4000e-004	6.2900e-003	0.0000	69.5325	69.5325	3.9300e-003	0.0000	69.6307
Worker	0.1123	0.0767	0.7884	2.9100e-003	0.3431	2.1700e-003	0.3453	0.0912	2.0000e-003	0.0932	0.0000	263.4325	263.4325	6.2800e-003	0.0000	263.5894
Total	0.1172	0.2129	0.8381	3.6200e-003	0.3641	2.4200e-003	0.3665	0.0972	2.2400e-003	0.0995	0.0000	332.9649	332.9649	0.0102	0.0000	333.2201

3.7 P1 Paving - 2019

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	0.2879	3.2381	2.4812	4.1300e-003		0.1546	0.1546		0.1422	0.1422	0.0000	370.8981	370.8981	0.1174	0.0000	373.8318
Paving	0.0219					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.3098	3.2381	2.4812	4.1300e-003		0.1546	0.1546		0.1422	0.1422	0.0000	370.8981	370.8981	0.1174	0.0000	373.8318

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	0.0143	0.3365	0.0896	9.4000e-004	0.0261	3.2800e-003	0.0294	7.5300e-003	3.1400e-003	0.0107	0.0000	91.6670	91.6670	5.6200e-003	0.0000	91.8076
Worker	0.0166	0.0137	0.1279	3.9000e-004	0.0385	2.7000e-004	0.0387	0.0102	2.5000e-004	0.0105	0.0000	35.4602	35.4602	1.0900e-003	0.0000	35.4875
Total	0.0308	0.3501	0.2175	1.3300e-003	0.0646	3.5500e-003	0.0681	0.0178	3.3900e-003	0.0211	0.0000	127.1272	127.1272	6.7100e-003	0.0000	127.2951

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	0.0508	0.2200	2.4567	4.1300e-003		6.7700e-003	6.7700e-003		6.7700e-003	6.7700e-003	0.0000	370.8977	370.8977	0.1174	0.0000	373.8314

Paving	0.0219					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0727	0.2200	2.4567	4.1300e-003		6.7700e-003	6.7700e-003		6.7700e-003	6.7700e-003	0.0000	370.8977	370.8977	0.1174	0.0000	373.8314

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	0.0143	0.3365	0.0896	9.4000e-004	0.0261	3.2800e-003	0.0294	7.5300e-003	3.1400e-003	0.0107	0.0000	91.6670	91.6670	5.6200e-003	0.0000	91.8076
Worker	0.0166	0.0137	0.1279	3.9000e-004	0.0385	2.7000e-004	0.0387	0.0102	2.5000e-004	0.0105	0.0000	35.4602	35.4602	1.0900e-003	0.0000	35.4875
Total	0.0308	0.3501	0.2175	1.3300e-003	0.0646	3.5500e-003	0.0681	0.0178	3.3900e-003	0.0211	0.0000	127.1272	127.1272	6.7100e-003	0.0000	127.2951

3.7 P1 Paving - 2020

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	0.5833	6.4608	5.2092	9.0000e-003		0.3039	0.3039		0.2795	0.2795	0.0000	791.0916	791.0916	0.2559	0.0000	797.4880
Paving	0.0477					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.6310	6.4608	5.2092	9.0000e-003		0.3039	0.3039		0.2795	0.2795	0.0000	791.0916	791.0916	0.2559	0.0000	797.4880

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	0.0246	0.6459	0.1743	2.0400e-003	0.0570	4.5700e-003	0.0615	0.0164	4.3700e-003	0.0208	0.0000	198.2196	198.2196	0.0118	0.0000	198.5144
Worker	0.0338	0.0269	0.2553	8.3000e-004	0.0839	5.7000e-004	0.0845	0.0223	5.3000e-004	0.0228	0.0000	74.8797	74.8797	2.1500e-003	0.0000	74.9336
Total	0.0584	0.6728	0.4296	2.8700e-003	0.1409	5.1400e-003	0.1460	0.0387	4.9000e-003	0.0436	0.0000	273.0993	273.0993	0.0139	0.0000	273.4480

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	0.1107	0.4798	5.3569	9.0000e-003		0.0148	0.0148		0.0148	0.0148	0.0000	791.0907	791.0907	0.2559	0.0000	797.4871
Paving	0.0477					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1585	0.4798	5.3569	9.0000e-003		0.0148	0.0148		0.0148	0.0148	0.0000	791.0907	791.0907	0.2559	0.0000	797.4871

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	0.0246	0.6459	0.1743	2.0400e-003	0.0570	4.5700e-003	0.0615	0.0164	4.3700e-003	0.0208	0.0000	198.2196	198.2196	0.0118	0.0000	198.5144
Worker	0.0338	0.0269	0.2553	8.3000e-004	0.0839	5.7000e-004	0.0845	0.0223	5.3000e-004	0.0228	0.0000	74.8797	74.8797	2.1500e-003	0.0000	74.9336
Total	0.0584	0.6728	0.4296	2.8700e-003	0.1409	5.1400e-003	0.1460	0.0387	4.9000e-003	0.0436	0.0000	273.0993	273.0993	0.0139	0.0000	273.4480

3.7 P1 Paving - 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					
Off-Road	0.5384	5.8746	5.0409	8.9800e-003		0.2707	0.2707		0.2490	0.2490	0.0000	788.8242	788.8242	0.2551	0.0000	795.2023
Paving	0.0476					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.5860	5.8746	5.0409	8.9800e-003		0.2707	0.2707		0.2490	0.2490	0.0000	788.8242	788.8242	0.2551	0.0000	795.2023

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	0.0190	0.5591	0.1553	2.0100e-003	0.0563	1.7100e-003	0.0585	0.0164	1.6300e-003	0.0180	0.0000	195.7884	195.7884	0.0114	0.0000	196.0730
Worker	0.0319	0.0244	0.2381	8.0000e-004	0.0836	5.6000e-004	0.0842	0.0222	5.2000e-004	0.0227	0.0000	72.1313	72.1313	1.9800e-003	0.0000	72.1809
Total	0.0509	0.5835	0.3939	2.8100e-003	0.1404	2.2700e-003	0.1427	0.0386	2.1500e-003	0.0407	0.0000	267.9197	267.9197	0.0134	0.0000	268.2538

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	0.1104	0.4783	5.3398	8.9800e-003		0.0147	0.0147		0.0147	0.0147	0.0000	788.8233	788.8233	0.2551	0.0000	795.2013
Paving	0.0476					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1579	0.4783	5.3398	8.9800e-003		0.0147	0.0147		0.0147	0.0147	0.0000	788.8233	788.8233	0.2551	0.0000	795.2013

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	0.0190	0.5591	0.1558	2.0100e-003	0.0568	1.7100e-003	0.0585	0.0164	1.6300e-003	0.0180	0.0000	195.7884	195.7884	0.0114	0.0000	196.0730
Worker	0.0319	0.0244	0.2381	8.0000e-004	0.0836	5.6000e-004	0.0842	0.0222	5.2000e-004	0.0227	0.0000	72.1313	72.1313	1.9800e-003	0.0000	72.1809
Total	0.0509	0.5835	0.3939	2.8100e-003	0.1404	2.2700e-003	0.1427	0.0386	2.1500e-003	0.0407	0.0000	267.9197	267.9197	0.0134	0.0000	268.2538

3.7 P1 Paving - 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	0.1063	1.1223	1.0791	2.0100e-003		0.0507	0.0507		0.0467	0.0467	0.0000	176.5963	176.5963	0.0571	0.0000	178.0242
Paving	0.0106					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1169	1.1223	1.0791	2.0100e-003		0.0507	0.0507		0.0467	0.0467	0.0000	176.5963	176.5963	0.0571	0.0000	178.0242

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	3.9800e-003	0.1159	0.0334	4.4000e-004	0.0127	3.3000e-004	0.0130	3.6600e-003	3.1000e-004	3.9800e-003	0.0000	43.3655	43.3655	2.5000e-003	0.0000	43.4281
Worker	6.7600e-003	4.9900e-003	0.0495	1.7000e-004	0.0187	1.2000e-004	0.0188	4.9700e-003	1.1000e-004	5.0800e-003	0.0000	15.5396	15.5396	4.1000e-004	0.0000	15.5498
Total	0.0107	0.1209	0.0829	6.1000e-004	0.0314	4.5000e-004	0.0319	8.6300e-003	4.2000e-004	9.0600e-003	0.0000	58.9051	58.9051	2.9100e-003	0.0000	58.9779

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	0.0247	0.1070	1.1942	2.0100e-003		3.2900e-003	3.2900e-003		3.2900e-003	3.2900e-003	0.0000	176.5961	176.5961	0.0571	0.0000	178.0240

Paving	0.0106					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0353	0.1070	1.1942	2.0100e-003		3.2900e-003	3.2900e-003		3.2900e-003	3.2900e-003	0.0000	176.5961	176.5961	0.0571	0.0000	178.0240

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	3.9800e-003	0.1159	0.0334	4.4000e-004	0.0127	3.3000e-004	0.0130	3.6600e-003	3.1000e-004	3.9800e-003	0.0000	43.3655	43.3655	2.5000e-003	0.0000	43.4281
Worker	6.7600e-003	4.9900e-003	0.0495	1.7000e-004	0.0187	1.2000e-004	0.0188	4.9700e-003	1.1000e-004	5.0800e-003	0.0000	15.5396	15.5396	4.1000e-004	0.0000	15.5498
Total	0.0107	0.1209	0.0829	6.1000e-004	0.0314	4.5000e-004	0.0319	8.6300e-003	4.2000e-004	9.0600e-003	0.0000	58.9051	58.9051	2.9100e-003	0.0000	58.9779

3.8 P1 Brush Management - 2019

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3789	3.6169	3.0482	4.0300e-003		0.2561	0.2561		0.2356	0.2356	0.0000	362.1978	362.1978	0.1146	0.0000	365.0627
Total	0.3789	3.6169	3.0482	4.0300e-003	0.0000	0.2561	0.2561	0.0000	0.2356	0.2356	0.0000	362.1978	362.1978	0.1146	0.0000	365.0627

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	0.0291	0.6869	0.1830	1.9300e-003	0.0533	6.7000e-003	0.0600	0.0154	6.4100e-003	0.0218	0.0000	187.1534	187.1534	0.0115	0.0000	187.4404
Worker	0.1287	0.1063	0.9949	3.0500e-003	0.2992	2.0800e-003	0.3013	0.0795	1.9100e-003	0.0814	0.0000	275.8019	275.8019	8.4900e-003	0.0000	276.0142
Total	0.1578	0.7933	1.1779	4.9800e-003	0.3525	8.7800e-003	0.3613	0.0949	8.3200e-003	0.1032	0.0000	462.9552	462.9552	0.0200	0.0000	463.4546

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0493	0.2137	3.0416	4.0300e-003		6.5800e-003	6.5800e-003		6.5800e-003	6.5800e-003	0.0000	362.1974	362.1974	0.1146	0.0000	365.0623
Total	0.0493	0.2137	3.0416	4.0300e-003	0.0000	6.5800e-003	6.5800e-003	0.0000	6.5800e-003	6.5800e-003	0.0000	362.1974	362.1974	0.1146	0.0000	365.0623

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	0.0291	0.6869	0.1830	1.9300e-003	0.0533	6.7000e-003	0.0600	0.0154	6.4100e-003	0.0218	0.0000	187.1534	187.1534	0.0115	0.0000	187.4404
Worker	0.1287	0.1063	0.9949	3.0500e-003	0.2992	2.0800e-003	0.3013	0.0795	1.9100e-003	0.0814	0.0000	275.8019	275.8019	8.4900e-003	0.0000	276.0142
Total	0.1578	0.7933	1.1779	4.9800e-003	0.3525	8.7800e-003	0.3613	0.0949	8.3200e-003	0.1032	0.0000	462.9552	462.9552	0.0200	0.0000	463.4546

3.8 P1 Brush Management - 2020

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5281	5.0402	4.5272	6.0300e-003		0.3466	0.3466		0.3189	0.3189	0.0000	529.8226	529.8226	0.1714	0.0000	534.1065
Total	0.5281	5.0402	4.5272	6.0300e-003	0.0000	0.3466	0.3466	0.0000	0.3189	0.3189	0.0000	529.8226	529.8226	0.1714	0.0000	534.1065

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	0.0344	0.9042	0.2441	2.8500e-003	0.0797	6.3900e-003	0.0861	0.0230	6.1200e-003	0.0291	0.0000	277.5074	277.5074	0.0165	0.0000	277.9202
Worker	0.1803	0.1436	1.3617	4.4200e-003	0.4474	3.0600e-003	0.4505	0.1189	2.8200e-003	0.1217	0.0000	399.3583	399.3583	0.0115	0.0000	399.6456
Total	0.2147	1.0478	1.6058	7.2700e-003	0.5271	9.4500e-003	0.5366	0.1419	8.9400e-003	0.1508	0.0000	676.8657	676.8657	0.0280	0.0000	677.5658

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0738	0.3196	4.5479	6.0300e-003		9.8300e-003	9.8300e-003		9.8300e-003	9.8300e-003	0.0000	529.8220	529.8220	0.1714	0.0000	534.1058
Total	0.0738	0.3196	4.5479	6.0300e-003	0.0000	9.8300e-003	9.8300e-003	0.0000	9.8300e-003	9.8300e-003	0.0000	529.8220	529.8220	0.1714	0.0000	534.1058

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	0.0344	0.9042	0.2441	2.8500e-003	0.0797	6.3900e-003	0.0861	0.0230	6.1200e-003	0.0291	0.0000	277.5074	277.5074	0.0165	0.0000	277.9202
Worker	0.1803	0.1436	1.3617	4.4200e-003	0.4474	3.0600e-003	0.4505	0.1189	2.8200e-003	0.1217	0.0000	399.3583	399.3583	0.0115	0.0000	399.6456
Total	0.2147	1.0478	1.6058	7.2700e-003	0.5271	9.4500e-003	0.5366	0.1419	8.9400e-003	0.1508	0.0000	676.8657	676.8657	0.0280	0.0000	677.5658

3.8 P1 Brush Management - 2021

Unmitigated Construction On-Site

Off-Road	0.0305	0.1323	1.8829	2.5000e-003		4.0700e-003	4.0700e-003		4.0700e-003	4.0700e-003	0.0000	219.4413	219.4413	0.0710	0.0000	221.2156
Total	0.0305	0.1323	1.8829	2.5000e-003	0.0000	4.0700e-003	4.0700e-003	0.0000	4.0700e-003	4.0700e-003	0.0000	219.4413	219.4413	0.0710	0.0000	221.2156

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	0.0111	0.3251	0.0906	1.1700e-003	0.0330	9.9000e-004	0.0340	9.5200e-003	9.5000e-004	0.0105	0.0000	113.8450	113.8450	6.6200e-003	0.0000	114.0105
Worker	0.0706	0.0541	0.5275	1.7700e-003	0.1852	1.2500e-003	0.1865	0.0492	1.1500e-003	0.0504	0.0000	159.7795	159.7795	4.4000e-003	0.0000	159.8894
Total	0.0816	0.3792	0.6181	2.9400e-003	0.2182	2.2400e-003	0.2205	0.0587	2.1000e-003	0.0608	0.0000	273.6246	273.6246	0.0110	0.0000	273.8999

3.9 P1 Reservoirs - 2018

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0800e-003	0.0576	0.0564	9.0000e-005		3.5200e-003	3.5200e-003		3.3600e-003	3.3600e-003	0.0000	7.8276	7.8276	1.6300e-003	0.0000	7.8683
Total	6.0800e-003	0.0576	0.0564	9.0000e-005	0.0000	3.5200e-003	3.5200e-003	0.0000	3.3600e-003	3.3600e-003	0.0000	7.8276	7.8276	1.6300e-003	0.0000	7.8683

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	9.0000e-005	2.0200e-003	5.4000e-004	1.0000e-005	1.5000e-004	2.0000e-005	1.7000e-004	4.0000e-005	2.0000e-005	6.0000e-005	0.0000	0.5135	0.5135	3.0000e-005	0.0000	0.5143
Worker	6.1000e-004	5.2000e-004	4.8200e-003	1.0000e-005	1.3100e-003	1.0000e-005	1.3200e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.2414	1.2414	4.0000e-005	0.0000	1.2424
Total	7.0000e-004	2.5400e-003	5.3600e-003	2.0000e-005	1.4600e-003	3.0000e-005	1.4900e-003	3.9000e-004	3.0000e-005	4.2000e-004	0.0000	1.7549	1.7549	7.0000e-005	0.0000	1.7568

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.1500e-003	0.0111	0.0611	9.0000e-005		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004	0.0000	7.8276	7.8276	1.6300e-003	0.0000	7.8683
Total	1.1500e-003	0.0111	0.0611	9.0000e-005	0.0000	1.3000e-004	1.3000e-004	0.0000	1.3000e-004	1.3000e-004	0.0000	7.8276	7.8276	1.6300e-003	0.0000	7.8683

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	9.0000e-005	2.0200e-003	5.4000e-004	1.0000e-005	1.5000e-004	2.0000e-005	1.7000e-004	4.0000e-005	2.0000e-005	6.0000e-005	0.0000	0.5135	0.5135	3.0000e-005	0.0000	0.5143
Worker	6.1000e-004	5.2000e-004	4.8200e-003	1.0000e-005	1.3100e-003	1.0000e-005	1.3200e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.2414	1.2414	4.0000e-005	0.0000	1.2424
Total	7.0000e-004	2.5400e-003	5.3600e-003	2.0000e-005	1.4600e-003	3.0000e-005	1.4900e-003	3.9000e-004	3.0000e-005	4.2000e-004	0.0000	1.7549	1.7549	7.0000e-005	0.0000	1.7568

3.9 P1 Reservoirs - 2019

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2123	2.0608	2.2124	3.4800e-003		0.1184	0.1184		0.1132	0.1132	0.0000	306.3092	306.3092	0.0630	0.0000	307.8846
Total	0.2123	2.0608	2.2124	3.4800e-003	0.0000	0.1184	0.1184	0.0000	0.1132	0.1132	0.0000	306.3092	306.3092	0.0630	0.0000	307.8846

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	3.1300e-003	0.0738	0.0197	2.1000e-004	5.7300e-003	7.2000e-004	6.4500e-003	1.6500e-003	6.9000e-004	2.3400e-003	0.0000	20.1158	20.1158	1.2300e-003	0.0000	20.1467
Worker	0.0222	0.0183	0.1715	5.3000e-004	0.0516	3.6000e-004	0.0520	0.0137	3.3000e-004	0.0140	0.0000	47.5539	47.5539	1.4600e-003	0.0000	47.5906
Total	0.0253	0.0922	0.1912	7.4000e-004	0.0573	1.0800e-003	0.0584	0.0154	1.0200e-003	0.0164	0.0000	67.6697	67.6697	2.6900e-003	0.0000	67.7372

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0456	0.4379	2.4129	3.4800e-003		5.2200e-003	5.2200e-003		5.2200e-003	5.2200e-003	0.0000	306.3088	306.3088	0.0630	0.0000	307.8842
Total	0.0456	0.4379	2.4129	3.4800e-003	0.0000	5.2200e-003	5.2200e-003	0.0000	5.2200e-003	5.2200e-003	0.0000	306.3088	306.3088	0.0630	0.0000	307.8842

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	3.1300e-003	0.0738	0.0197	2.1000e-004	5.7300e-003	7.2000e-004	6.4500e-003	1.6500e-003	6.9000e-004	2.3400e-003	0.0000	20.1158	20.1158	1.2300e-003	0.0000	20.1467
Worker	0.0222	0.0183	0.1715	5.3000e-004	0.0516	3.6000e-004	0.0520	0.0137	3.3000e-004	0.0140	0.0000	47.5539	47.5539	1.4600e-003	0.0000	47.5906
Total	0.0253	0.0922	0.1912	7.4000e-004	0.0573	1.0800e-003	0.0584	0.0154	1.0200e-003	0.0164	0.0000	67.6697	67.6697	2.6900e-003	0.0000	67.7372

3.10 P2 Site Preparation - 2020

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					5.9400e-003	0.0000	5.9400e-003	6.4000e-004	0.0000	6.4000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0135	0.1515	0.0820	1.8000e-004		6.7300e-003	6.7300e-003		6.2900e-003	6.2900e-003	0.0000	16.0611	16.0611	4.4400e-003	0.0000	16.1722
Total	0.0135	0.1515	0.0820	1.8000e-004	5.9400e-003	6.7300e-003	0.0127	6.4000e-004	6.2900e-003	6.9300e-003	0.0000	16.0611	16.0611	4.4400e-003	0.0000	16.1722

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	1.2000e-004	5.9200e-003	9.5000e-004	1.0000e-005	0.1510	1.0000e-005	0.1510	0.0151	1.0000e-005	0.0151	0.0000	0.7239	0.7239	1.2000e-004	0.0000	0.7269
Vendor	3.1000e-004	8.2300e-003	2.2200e-003	3.0000e-005	7.3000e-004	6.0000e-005	7.8000e-004	2.1000e-004	6.0000e-005	2.6000e-004	0.0000	2.5251	2.5251	1.5000e-004	0.0000	2.5289
Worker	1.0800e-003	8.6000e-004	8.1300e-003	3.0000e-005	2.6700e-003	2.0000e-005	2.6900e-003	7.1000e-004	2.0000e-005	7.3000e-004	0.0000	2.3847	2.3847	7.0000e-005	0.0000	2.3864
Total	1.5100e-003	0.0150	0.0113	7.0000e-005	0.1544	9.0000e-005	0.1544	0.0160	9.0000e-005	0.0161	0.0000	5.6337	5.6337	3.4000e-004	0.0000	5.6422

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					2.3200e-003	0.0000	2.3200e-003	2.5000e-004	0.0000	2.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Off-Road	2.1700e-003	9.4200e-003	0.0980	1.8000e-004		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004	0.0000	16.0611	16.0611	4.4400e-003	0.0000	16.1721
Total	2.1700e-003	9.4200e-003	0.0980	1.8000e-004	2.3200e-003	2.9000e-004	2.6100e-003	2.5000e-004	2.9000e-004	5.4000e-004	0.0000	16.0611	16.0611	4.4400e-003	0.0000	16.1721

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	1.2000e-004	5.9200e-003	9.5000e-004	1.0000e-005	0.0924	1.0000e-005	0.0924	9.2100e-003	1.0000e-005	9.2200e-003	0.0000	0.7239	0.7239	1.2000e-004	0.0000	0.7269
Vendor	3.1000e-004	8.2300e-003	2.2200e-003	3.0000e-005	7.3000e-004	6.0000e-005	7.8000e-004	2.1000e-004	6.0000e-005	2.6000e-004	0.0000	2.5251	2.5251	1.5000e-004	0.0000	2.5289
Worker	1.0800e-003	8.6000e-004	8.1300e-003	3.0000e-005	2.6700e-003	2.0000e-005	2.6900e-003	7.1000e-004	2.0000e-005	7.3000e-004	0.0000	2.3847	2.3847	7.0000e-005	0.0000	2.3864
Total	1.5100e-003	0.0150	0.0113	7.0000e-005	0.0958	9.0000e-005	0.0959	0.0101	9.0000e-005	0.0102	0.0000	5.6337	5.6337	3.4000e-004	0.0000	5.6422

3.10 P2 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					5.9400e-003	0.0000	5.9400e-003	6.4000e-004	0.0000	6.4000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0190	0.2110	0.1211	2.8000e-004		9.1200e-003	9.1200e-003		8.5200e-003	8.5200e-003	0.0000	24.0929	24.0929	6.6400e-003	0.0000	24.2589
Total	0.0190	0.2110	0.1211	2.8000e-004	5.9400e-003	9.1200e-003	0.0151	6.4000e-004	8.5200e-003	9.1600e-003	0.0000	24.0929	24.0929	6.6400e-003	0.0000	24.2589

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	1.7000e-004	8.5500e-003	1.3600e-003	1.0000e-005	0.1510	1.0000e-005	0.1510	0.0151	1.0000e-005	0.0151	0.0000	1.0747	1.0747	1.7000e-004	0.0000	1.0790
Vendor	3.7000e-004	0.0107	2.9900e-003	4.0000e-005	1.0900e-003	3.0000e-005	1.1200e-003	3.1000e-004	3.0000e-005	3.5000e-004	0.0000	3.7531	3.7531	2.2000e-004	0.0000	3.7586
Worker	1.5300e-003	1.1700e-003	0.0114	4.0000e-005	4.0100e-003	3.0000e-005	4.0300e-003	1.0600e-003	2.0000e-005	1.0900e-003	0.0000	3.4568	3.4568	1.0000e-004	0.0000	3.4592
Total	2.0700e-003	0.0204	0.0158	9.0000e-005	0.1561	7.0000e-005	0.1561	0.0164	6.0000e-005	0.0165	0.0000	8.2846	8.2846	4.9000e-004	0.0000	8.2968

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					2.3200e-003	0.0000	2.3200e-003	2.5000e-004	0.0000	2.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2600e-003	0.0141	0.1469	2.8000e-004		4.3000e-004	4.3000e-004		4.3000e-004	4.3000e-004	0.0000	24.0929	24.0929	6.6400e-003	0.0000	24.2589
Total	3.2600e-003	0.0141	0.1469	2.8000e-004	2.3200e-003	4.3000e-004	2.7500e-003	2.5000e-004	4.3000e-004	6.8000e-004	0.0000	24.0929	24.0929	6.6400e-003	0.0000	24.2589

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	1.7000e-004	8.5500e-003	1.3600e-003	1.0000e-005	0.0924	1.0000e-005	0.0925	9.2200e-003	1.0000e-005	9.2200e-003	0.0000	1.0747	1.0747	1.7000e-004	0.0000	1.0790
Vendor	3.7000e-004	0.0107	2.9900e-003	4.0000e-005	1.0900e-003	3.0000e-005	1.1200e-003	3.1000e-004	3.0000e-005	3.5000e-004	0.0000	3.7531	3.7531	2.2000e-004	0.0000	3.7586
Worker	1.5300e-003	1.1700e-003	0.0114	4.0000e-005	4.0100e-003	3.0000e-005	4.0300e-003	1.0600e-003	2.0000e-005	1.0900e-003	0.0000	3.4568	3.4568	1.0000e-004	0.0000	3.4592
Total	2.0700e-003	0.0204	0.0158	9.0000e-005	0.0975	7.0000e-005	0.0976	0.0106	6.0000e-005	0.0107	0.0000	8.2846	8.2846	4.9000e-004	0.0000	8.2968

3.11 P2 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					5.9400e-003	0.0000	5.9400e-003	6.4000e-004	0.0000	6.4000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9445	22.5608	12.9124	0.0364		0.8462	0.8462		0.7785	0.7785	0.0000	3,201.0490	3,201.0490	1.0353	0.0000	3,226.9311
Total	1.9445	22.5608	12.9124	0.0364	5.9400e-003	0.8462	0.8522	6.4000e-004	0.7785	0.7792	0.0000	3,201.0490	3,201.0490	1.0353	0.0000	3,226.9311

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	6.4700e-003	0.3318	0.0526	4.2000e-004	6.7586	2.8000e-004	6.7589	0.6746	2.6000e-004	0.6749	0.0000	41.6973	41.6973	6.6600e-003	0.0000	41.8638
Vendor	0.0255	0.7477	0.2083	2.6900e-003	0.0759	2.2800e-003	0.0782	0.0219	2.1800e-003	0.0241	0.0000	261.8436	261.8436	0.0152	0.0000	262.2241
Worker	0.0811	0.0622	0.6066	2.0300e-003	0.2130	1.4300e-003	0.2144	0.0566	1.3200e-003	0.0579	0.0000	183.7465	183.7465	5.0500e-003	0.0000	183.8728
Total	0.1131	1.1418	0.8676	5.1400e-003	7.0476	3.9900e-003	7.0516	0.7531	3.7600e-003	0.7569	0.0000	487.2874	487.2874	0.0269	0.0000	487.9608

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					2.3200e-003	0.0000	2.3200e-003	2.5000e-004	0.0000	2.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4486	1.9440	17.2082	0.0364		0.0598	0.0598		0.0598	0.0598	0.0000	3,201.0452	3,201.0452	1.0353	0.0000	3,226.9273
Total	0.4486	1.9440	17.2082	0.0364	2.3200e-003	0.0598	0.0621	2.5000e-004	0.0598	0.0601	0.0000	3,201.0452	3,201.0452	1.0353	0.0000	3,226.9273

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	6.4700e-003	0.3318	0.0526	4.2000e-004	4.1382	2.8000e-004	4.1385	0.4126	2.6000e-004	0.4128	0.0000	41.6973	41.6973	6.6600e-003	0.0000	41.8638
Vendor	0.0255	0.7477	0.2083	2.6900e-003	0.0759	2.2800e-003	0.0782	0.0219	2.1800e-003	0.0241	0.0000	261.8436	261.8436	0.0152	0.0000	262.2241
Worker	0.0811	0.0622	0.6066	2.0300e-003	0.2130	1.4300e-003	0.2144	0.0566	1.3200e-003	0.0579	0.0000	183.7465	183.7465	5.0500e-003	0.0000	183.8728
Total	0.1131	1.1418	0.8676	5.1400e-003	4.4272	3.9900e-003	4.4311	0.4910	3.7600e-003	0.4948	0.0000	487.2874	487.2874	0.0269	0.0000	487.9608

3.11 P2 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					5.9400e-003	0.0000	5.9400e-003	6.4000e-004	0.0000	6.4000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.5881	17.3617	11.2506	0.0337		0.6551	0.6551		0.6026	0.6026	0.0000	2,956.3304	2,956.3304	0.9561	0.0000	2,980.2338
Total	1.5881	17.3617	11.2506	0.0337	5.9400e-003	0.6551	0.6610	6.4000e-004	0.6026	0.6033	0.0000	2,956.3304	2,956.3304	0.9561	0.0000	2,980.2338

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	5.6000e-003	0.2945	0.0470	3.8000e-004	6.7586	2.2000e-004	6.7588	0.6746	2.1000e-004	0.6748	0.0000	38.1079	38.1079	5.8100e-003	0.0000	38.2532
Vendor	0.0220	0.6398	0.1842	2.4500e-003	0.0701	1.8200e-003	0.0719	0.0202	1.7400e-003	0.0220	0.0000	239.3776	239.3776	0.0138	0.0000	239.7231
Worker	0.0711	0.0524	0.5205	1.8100e-003	0.1966	1.2900e-003	0.1979	0.0522	1.1900e-003	0.0534	0.0000	163.3880	163.3880	4.2800e-003	0.0000	163.4949
Total	0.0986	0.9867	0.7517	4.6400e-003	7.0253	3.3300e-003	7.0286	0.7470	3.1400e-003	0.7502	0.0000	440.8735	440.8735	0.0239	0.0000	441.4712

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					2.3200e-003	0.0000	2.3200e-003	2.5000e-004	0.0000	2.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Off-Road	0.4141	1.7945	15.8845	0.0337		0.0552	0.0552		0.0552	0.0552	0.0000	2,956.3269	2,956.3269	0.9561	0.0000	2,980.2303
Total	0.4141	1.7945	15.8845	0.0337	2.3200e-003	0.0552	0.0575	2.5000e-004	0.0552	0.0555	0.0000	2,956.3269	2,956.3269	0.9561	0.0000	2,980.2303

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	5.6000e-003	0.2945	0.0470	3.8000e-004	4.1382	2.2000e-004	4.1384	0.4125	2.1000e-004	0.4127	0.0000	38.1079	38.1079	5.8100e-003	0.0000	38.2532
Vendor	0.0220	0.6398	0.1842	2.4500e-003	0.0701	1.8200e-003	0.0719	0.0202	1.7400e-003	0.0220	0.0000	239.3776	239.3776	0.0138	0.0000	239.7231
Worker	0.0711	0.0524	0.5205	1.8100e-003	0.1966	1.2900e-003	0.1979	0.0522	1.1900e-003	0.0534	0.0000	163.3880	163.3880	4.2800e-003	0.0000	163.4949
Total	0.0986	0.9867	0.7517	4.6400e-003	4.4049	3.3300e-003	4.4082	0.4850	3.1400e-003	0.4881	0.0000	440.8735	440.8735	0.0239	0.0000	441.4712

3.12 P2 Building Construction - 2025

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	1.0802	10.0061	13.7002	0.0249		0.4159	0.4159		0.4044	0.4044	0.0000	2,153.4467	2,153.4467	0.2350	0.0000	2,159.3220
Total	1.0802	10.0061	13.7002	0.0249		0.4159	0.4159		0.4044	0.4044	0.0000	2,153.4467	2,153.4467	0.2350	0.0000	2,159.3220

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	0.0188	0.5268	0.1940	2.7800e-003	0.0827	9.8000e-004	0.0837	0.0239	9.4000e-004	0.0248	0.0000	272.8438	272.8438	0.0155	0.0000	273.2321
Worker	0.2651	0.1746	1.8153	6.8900e-003	0.8460	5.2600e-003	0.8513	0.2247	4.8500e-003	0.2296	0.0000	623.1908	623.1908	0.0143	0.0000	623.5481
Total	0.2839	0.7014	2.0092	9.6700e-003	0.9287	6.2400e-003	0.9349	0.2486	5.7900e-003	0.2544	0.0000	896.0346	896.0346	0.0298	0.0000	896.7802

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	0.2632	1.1407	15.3493	0.0249		0.0351	0.0351		0.0351	0.0351	0.0000	2,153.4441	2,153.4441	0.2350	0.0000	2,159.3194
Total	0.2632	1.1407	15.3493	0.0249		0.0351	0.0351		0.0351	0.0351	0.0000	2,153.4441	2,153.4441	0.2350	0.0000	2,159.3194

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	0.0188	0.5268	0.1940	2.7800e-003	0.0827	9.8000e-004	0.0837	0.0239	9.4000e-004	0.0248	0.0000	272.8438	272.8438	0.0155	0.0000	273.2321
Worker	0.2651	0.1746	1.8153	6.8900e-003	0.8460	5.2600e-003	0.8513	0.2247	4.8500e-003	0.2296	0.0000	623.1908	623.1908	0.0143	0.0000	623.5481
Total	0.2839	0.7014	2.0092	9.6700e-003	0.9287	6.2400e-003	0.9349	0.2486	5.7900e-003	0.2544	0.0000	896.0346	896.0346	0.0298	0.0000	896.7802

3.12 P2 Building Construction - 2026

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	1.1863	10.9891	15.0461	0.0274		0.4568	0.4568		0.4441	0.4441	0.0000	2,365.0134	2,365.0134	0.2581	0.0000	2,371.4659
Total	1.1863	10.9891	15.0461	0.0274		0.4568	0.4568		0.4441	0.4441	0.0000	2,365.0134	2,365.0134	0.2581	0.0000	2,371.4659

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	0.0202	0.5676	0.2116	3.0400e-003	0.0908	1.0500e-003	0.0919	0.0262	1.0100e-003	0.0272	0.0000	298.1866	298.1866	0.0171	0.0000	298.6135
Worker	0.2798	0.1785	1.8747	7.2800e-003	0.9291	5.6000e-003	0.9347	0.2468	5.1500e-003	0.2520	0.0000	659.3454	659.3454	0.0146	0.0000	659.7112
Total	0.3000	0.7462	2.0863	0.0103	1.0199	6.6500e-003	1.0266	0.2730	6.1600e-003	0.2792	0.0000	957.5320	957.5320	0.0317	0.0000	958.3247

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	0.2891	1.2528	16.8573	0.0274		0.0386	0.0386		0.0386	0.0386	0.0000	2,365.0105	2,365.0105	0.2581	0.0000	2,371.4631
Total	0.2891	1.2528	16.8573	0.0274		0.0386	0.0386		0.0386	0.0386	0.0000	2,365.0105	2,365.0105	0.2581	0.0000	2,371.4631

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	0.0202	0.5676	0.2116	3.0400e-003	0.0908	1.0500e-003	0.0919	0.0262	1.0100e-003	0.0272	0.0000	298.1866	298.1866	0.0171	0.0000	298.6135
Worker	0.2798	0.1785	1.8747	7.2800e-003	0.9291	5.6000e-003	0.9347	0.2468	5.1500e-003	0.2520	0.0000	659.3454	659.3454	0.0146	0.0000	659.7112
Total	0.3000	0.7462	2.0863	0.0103	1.0199	6.6500e-003	1.0266	0.2730	6.1600e-003	0.2792	0.0000	957.5320	957.5320	0.0317	0.0000	958.3247

3.12 P2 Building Construction - 2027

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	1.0840	10.0412	13.7482	0.0250		0.4174	0.4174		0.4058	0.4058	0.0000	2,161.0026	2,161.0026	0.2358	0.0000	2,166.8986
Total	1.0840	10.0412	13.7482	0.0250		0.4174	0.4174		0.4058	0.4058	0.0000	2,161.0026	2,161.0026	0.2358	0.0000	2,166.8986

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	0.0181	0.5088	0.1921	2.7600e-003	0.0830	9.5000e-004	0.0840	0.0239	9.0000e-004	0.0249	0.0000	271.1995	271.1995	0.0156	0.0000	271.5900
Worker	0.2452	0.1524	1.6166	6.4300e-003	0.8490	4.8300e-003	0.8538	0.2255	4.4500e-003	0.2300	0.0000	582.2888	582.2888	0.0125	0.0000	582.6019
Total	0.2633	0.6612	1.8087	9.1900e-003	0.9320	5.7800e-003	0.9377	0.2495	5.3500e-003	0.2548	0.0000	853.4883	853.4883	0.0281	0.0000	854.1920

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	0.2642	1.1447	15.4032	0.0250		0.0352	0.0352		0.0352	0.0352	0.0000	2,161.0000	2,161.0000	0.2358	0.0000	2,166.8960

Total	0.2642	1.1447	15.4032	0.0250		0.0352	0.0352		0.0352	0.0352	0.0000	2,161.0000	2,161.0000	0.2358	0.0000	2,166.8960

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	0.0181	0.5088	0.1921	2.7600e-003	0.0830	9.5000e-004	0.0840	0.0239	9.0000e-004	0.0249	0.0000	271.1995	271.1995	0.0156	0.0000	271.5900
Worker	0.2452	0.1524	1.6166	6.4300e-003	0.8490	4.8300e-003	0.8538	0.2255	4.4500e-003	0.2300	0.0000	582.2888	582.2888	0.0125	0.0000	582.6019
Total	0.2633	0.6612	1.8087	9.1900e-003	0.9320	5.7800e-003	0.9377	0.2495	5.3500e-003	0.2548	0.0000	853.4883	853.4883	0.0281	0.0000	854.1920

3.13 P2 Trenching - 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	0.2293	2.1557	3.4322	5.1700e-003		0.1099	0.1099		0.1011	0.1011	0.0000	454.3005	454.3005	0.1469	0.0000	457.9738
Total	0.2293	2.1557	3.4322	5.1700e-003		0.1099	0.1099		0.1011	0.1011	0.0000	454.3005	454.3005	0.1469	0.0000	457.9738

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	0.0213	0.6200	0.1785	2.3800e-003	0.0679	1.7600e-003	0.0697	0.0196	1.6800e-003	0.0213	0.0000	231.9435	231.9435	0.0134	0.0000	232.2783
Worker	0.0368	0.0272	0.2697	9.4000e-004	0.1019	6.7000e-004	0.1025	0.0271	6.2000e-004	0.0277	0.0000	84.6539	84.6539	2.2200e-003	0.0000	84.7093
Total	0.0581	0.6471	0.4482	3.3200e-003	0.1698	2.4300e-003	0.1722	0.0467	2.3000e-003	0.0490	0.0000	316.5974	316.5974	0.0156	0.0000	316.9876

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	0.0635	0.2749	3.9126	5.1700e-003		8.4600e-003	8.4600e-003		8.4600e-003	8.4600e-003	0.0000	454.3000	454.3000	0.1469	0.0000	457.9733
Total	0.0635	0.2749	3.9126	5.1700e-003		8.4600e-003	8.4600e-003		8.4600e-003	8.4600e-003	0.0000	454.3000	454.3000	0.1469	0.0000	457.9733

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	0.0213	0.6200	0.1785	2.3800e-003	0.0679	1.7600e-003	0.0697	0.0196	1.6800e-003	0.0213	0.0000	231.9435	231.9435	0.0134	0.0000	232.2783
Worker	0.0368	0.0272	0.2697	9.4000e-004	0.1019	6.7000e-004	0.1025	0.0271	6.2000e-004	0.0277	0.0000	84.6539	84.6539	2.2200e-003	0.0000	84.7093
Total	0.0581	0.6471	0.4482	3.3200e-003	0.1698	2.4300e-003	0.1722	0.0467	2.3000e-003	0.0490	0.0000	316.5974	316.5974	0.0156	0.0000	316.9876

3.13 P2 Trenching - 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	0.2124	1.9256	3.4297	5.1800e-003		0.0947	0.0947		0.0871	0.0871	0.0000	454.5423	454.5423	0.1470	0.0000	458.2175
Total	0.2124	1.9256	3.4297	5.1800e-003		0.0947	0.0947		0.0871	0.0871	0.0000	454.5423	454.5423	0.1470	0.0000	458.2175

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	0.0162	0.4490	0.1641	2.3200e-003	0.0679	8.4000e-004	0.0688	0.0196	8.0000e-004	0.0204	0.0000	226.4248	226.4248	0.0127	0.0000	226.7427
Worker	0.0350	0.0248	0.2504	9.0000e-004	0.1019	6.6000e-004	0.1025	0.0271	6.0000e-004	0.0277	0.0000	81.4173	81.4173	2.0300e-003	0.0000	81.4680
Total	0.0512	0.4738	0.4144	3.2200e-003	0.1698	1.5000e-003	0.1713	0.0467	1.4000e-003	0.0481	0.0000	307.8421	307.8421	0.0147	0.0000	308.2107

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	0.0635	0.2749	3.9126	5.1800e-003		8.4600e-003	8.4600e-003		8.4600e-003	8.4600e-003	0.0000	454.5417	454.5417	0.1470	0.0000	458.2169
Total	0.0635	0.2749	3.9126	5.1800e-003		8.4600e-003	8.4600e-003		8.4600e-003	8.4600e-003	0.0000	454.5417	454.5417	0.1470	0.0000	458.2169

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	0.0162	0.4490	0.1641	2.3200e-003	0.0679	8.4000e-004	0.0688	0.0196	8.0000e-004	0.0204	0.0000	226.4248	226.4248	0.0127	0.0000	226.7427
Worker	0.0350	0.0248	0.2504	9.0000e-004	0.1019	6.6000e-004	0.1025	0.0271	6.0000e-004	0.0277	0.0000	81.4173	81.4173	2.0300e-003	0.0000	81.4680
Total	0.0512	0.4738	0.4144	3.2200e-003	0.1698	1.5000e-003	0.1713	0.0467	1.4000e-003	0.0481	0.0000	307.8421	307.8421	0.0147	0.0000	308.2107

3.13 P2 Trenching - 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	0.0474	0.4164	0.8042	1.2100e-003		0.0198	0.0198		0.0182	0.0182	0.0000	106.3976	106.3976	0.0344	0.0000	107.2579
Total	0.0474	0.4164	0.8042	1.2100e-003		0.0198	0.0198		0.0182	0.0182	0.0000	106.3976	106.3976	0.0344	0.0000	107.2579

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	3.6900e-003	0.1032	0.0377	5.4000e-004	0.0159	1.9000e-004	0.0161	4.5800e-003	1.8000e-004	4.7700e-003	0.0000	52.6907	52.6907	2.9800e-003	0.0000	52.7651
Worker	7.8000e-003	5.3300e-003	0.0548	2.0000e-004	0.0238	1.5000e-004	0.0240	6.3300e-003	1.4000e-004	6.4700e-003	0.0000	18.2990	18.2990	4.4000e-004	0.0000	18.3099
Total	0.0115	0.1085	0.0924	7.4000e-004	0.0397	3.4000e-004	0.0401	0.0109	3.2000e-004	0.0112	0.0000	70.9897	70.9897	3.4200e-003	0.0000	71.0750

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	0.0149	0.0643	0.9155	1.2100e-003		1.9800e-003	1.9800e-003		1.9800e-003	1.9800e-003	0.0000	106.3975	106.3975	0.0344	0.0000	107.2577

Total	0.0149	0.0643	0.9155	1.2100e-003		1.9800e-003	1.9800e-003		1.9800e-003	1.9800e-003	0.0000	106.3975	106.3975	0.0344	0.0000	107.2577

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	3.6900e-003	0.1032	0.0377	5.4000e-004	0.0159	1.9000e-004	0.0161	4.5800e-003	1.8000e-004	4.7700e-003	0.0000	52.6907	52.6907	2.9800e-003	0.0000	52.7651
Worker	7.8000e-003	5.3300e-003	0.0548	2.0000e-004	0.0238	1.5000e-004	0.0240	6.3300e-003	1.4000e-004	6.4700e-003	0.0000	18.2990	18.2990	4.4000e-004	0.0000	18.3099
Total	0.0115	0.1085	0.0924	7.4000e-004	0.0397	3.4000e-004	0.0401	0.0109	3.2000e-004	0.0112	0.0000	70.9897	70.9897	3.4200e-003	0.0000	71.0750

3.14 P2 Architectural Coating - 2025

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	2.1505					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1119	0.7503	1.1850	1.9500e-003		0.0337	0.0337		0.0337	0.0337	0.0000	167.2381	167.2381	9.1200e-003	0.0000	167.4662
Total	2.2624	0.7503	1.1850	1.9500e-003		0.0337	0.0337		0.0337	0.0337	0.0000	167.2381	167.2381	9.1200e-003	0.0000	167.4662

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	2.1500e-003	0.0605	0.0223	3.2000e-004	9.5000e-003	1.1000e-004	9.6200e-003	2.7400e-003	1.1000e-004	2.8500e-003	0.0000	31.3531	31.3531	1.7800e-003	0.0000	31.3977
Worker	0.0244	0.0161	0.1669	6.3000e-004	0.0778	4.8000e-004	0.0783	0.0207	4.5000e-004	0.0211	0.0000	57.2898	57.2898	1.3100e-003	0.0000	57.3227
Total	0.0265	0.0766	0.1892	9.5000e-004	0.0873	5.9000e-004	0.0879	0.0234	5.6000e-004	0.0240	0.0000	88.6429	88.6429	3.0900e-003	0.0000	88.7204

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	2.1505					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0195	0.0843	1.2002	1.9500e-003		2.6000e-003	2.6000e-003		2.6000e-003	2.6000e-003	0.0000	167.2379	167.2379	9.1200e-003	0.0000	167.4660
Total	2.1699	0.0843	1.2002	1.9500e-003		2.6000e-003	2.6000e-003		2.6000e-003	2.6000e-003	0.0000	167.2379	167.2379	9.1200e-003	0.0000	167.4660

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	2.1500e-003	0.0605	0.0223	3.2000e-004	9.5000e-003	1.1000e-004	9.6200e-003	2.7400e-003	1.1000e-004	2.8500e-003	0.0000	31.3531	31.3531	1.7800e-003	0.0000	31.3977
Worker	0.0244	0.0161	0.1669	6.3000e-004	0.0778	4.8000e-004	0.0783	0.0207	4.5000e-004	0.0211	0.0000	57.2898	57.2898	1.3100e-003	0.0000	57.3227
Total	0.0265	0.0766	0.1892	9.5000e-004	0.0873	5.9000e-004	0.0879	0.0234	5.6000e-004	0.0240	0.0000	88.6429	88.6429	3.0900e-003	0.0000	88.7204

3.14 P2 Architectural Coating - 2026

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	5.1381					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2674	1.7927	2.8313	4.6500e-003		0.0806	0.0806		0.0806	0.0806	0.0000	399.5842	399.5842	0.0218	0.0000	400.1291
Total	5.4055	1.7927	2.8313	4.6500e-003		0.0806	0.0806		0.0806	0.0806	0.0000	399.5842	399.5842	0.0218	0.0000	400.1291

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	5.0400e-003	0.1419	0.0529	7.6000e-004	0.0227	2.6000e-004	0.0230	6.5500e-003	2.5000e-004	6.8000e-003	0.0000	74.5467	74.5467	4.2700e-003	0.0000	74.6534
Worker	0.0560	0.0357	0.3749	1.4600e-003	0.1858	1.1200e-003	0.1869	0.0494	1.0300e-003	0.0504	0.0000	131.8691	131.8691	2.9300e-003	0.0000	131.9422
Total	0.0610	0.1776	0.4278	2.2200e-003	0.2085	1.3800e-003	0.2099	0.0559	1.2800e-003	0.0572	0.0000	206.4157	206.4157	7.2000e-003	0.0000	206.5956

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	5.1381					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0465	0.2015	2.8677	4.6500e-003		6.2000e-003	6.2000e-003		6.2000e-003	6.2000e-003	0.0000	399.5837	399.5837	0.0218	0.0000	400.1287
Total	5.1846	0.2015	2.8677	4.6500e-003		6.2000e-003	6.2000e-003		6.2000e-003	6.2000e-003	0.0000	399.5837	399.5837	0.0218	0.0000	400.1287

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	5.0400e-003	0.1419	0.0529	7.6000e-004	0.0227	2.6000e-004	0.0230	6.5500e-003	2.5000e-004	6.8000e-003	0.0000	74.5467	74.5467	4.2700e-003	0.0000	74.6534
Worker	0.0560	0.0357	0.3749	1.4600e-003	0.1858	1.1200e-003	0.1869	0.0494	1.0300e-003	0.0504	0.0000	131.8691	131.8691	2.9300e-003	0.0000	131.9422
Total	0.0610	0.1776	0.4278	2.2200e-003	0.2085	1.3800e-003	0.2099	0.0559	1.2800e-003	0.0572	0.0000	206.4157	206.4157	7.2000e-003	0.0000	206.5956

3.14 P2 Architectural Coating - 2027

Unmitigated Construction On-Site

Off-Road	0.0425	0.1841	2.6204	4.2500e-003		5.6700e-003	5.6700e-003		5.6700e-003	5.6700e-003	0.0000	365.1149	365.1149	0.0199	0.0000	365.6128
Total	4.7374	0.1841	2.6204	4.2500e-003		5.6700e-003	5.6700e-003		5.6700e-003	5.6700e-003	0.0000	365.1149	365.1149	0.0199	0.0000	365.6128

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	4.5200e-003	0.1272	0.0480	6.9000e-004	0.0208	2.4000e-004	0.0210	5.9900e-003	2.3000e-004	6.2100e-003	0.0000	67.7999	67.7999	3.9100e-003	0.0000	67.8975
Worker	0.0490	0.0305	0.3233	1.2900e-003	0.1698	9.7000e-004	0.1708	0.0451	8.9000e-004	0.0460	0.0000	116.4578	116.4578	2.5000e-003	0.0000	116.5204
Total	0.0536	0.1577	0.3714	1.9800e-003	0.1905	1.2100e-003	0.1918	0.0511	1.1200e-003	0.0522	0.0000	184.2576	184.2576	6.4100e-003	0.0000	184.4179

3.15 P2 Paving - 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	0.2004	2.1164	2.0348	3.7900e-003		0.0956	0.0956		0.0880	0.0880	0.0000	333.0102	333.0102	0.1077	0.0000	335.7028
Paving	0.0196					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.2200	2.1164	2.0348	3.7900e-003		0.0956	0.0956		0.0880	0.0880	0.0000	333.0102	333.0102	0.1077	0.0000	335.7028

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	6.0000e-003	0.1749	0.0503	6.7000e-004	0.0192	5.0000e-004	0.0197	5.5300e-003	4.7000e-004	6.0000e-003	0.0000	65.4200	65.4200	3.7800e-003	0.0000	65.5144
Worker	8.5000e-003	6.2700e-003	0.0622	2.2000e-004	0.0235	1.5000e-004	0.0237	6.2500e-003	1.4000e-004	6.3900e-003	0.0000	19.5355	19.5355	5.1000e-004	0.0000	19.5483
Total	0.0145	0.1811	0.1126	8.9000e-004	0.0427	6.5000e-004	0.0433	0.0118	6.1000e-004	0.0124	0.0000	84.9555	84.9555	4.2900e-003	0.0000	85.0627

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	0.0465	0.2017	2.2520	3.7900e-003		6.2100e-003	6.2100e-003		6.2100e-003	6.2100e-003	0.0000	333.0098	333.0098	0.1077	0.0000	335.7024
Paving	0.0196					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0661	0.2017	2.2520	3.7900e-003		6.2100e-003	6.2100e-003		6.2100e-003	6.2100e-003	0.0000	333.0098	333.0098	0.1077	0.0000	335.7024

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	6.0000e-003	0.1749	0.0503	6.7000e-004	0.0192	5.0000e-004	0.0197	5.5300e-003	4.7000e-004	6.0000e-003	0.0000	65.4200	65.4200	3.7800e-003	0.0000	65.5144
Worker	8.5000e-003	6.2700e-003	0.0622	2.2000e-004	0.0235	1.5000e-004	0.0237	6.2500e-003	1.4000e-004	6.3900e-003	0.0000	19.5355	19.5355	5.1000e-004	0.0000	19.5483
Total	0.0145	0.1811	0.1126	8.9000e-004	0.0427	6.5000e-004	0.0433	0.0118	6.1000e-004	0.0124	0.0000	84.9555	84.9555	4.2900e-003	0.0000	85.0627

3.15 P2 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	0.4489	4.6219	4.7320	8.9600e-003		0.2050	0.2050		0.1886	0.1886	0.0000	787.1588	787.1588	0.2546	0.0000	793.5234
Paving	0.0463					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.4952	4.6219	4.7320	8.9600e-003		0.2050	0.2050		0.1886	0.1886	0.0000	787.1588	787.1588	0.2546	0.0000	793.5234

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	0.0108	0.2993	0.1094	1.5400e-003	0.0453	5.6000e-004	0.0458	0.0131	5.3000e-004	0.0136	0.0000	150.9499	150.9499	8.4800e-003	0.0000	151.1618
Worker	0.0191	0.0135	0.1366	4.9000e-004	0.0556	3.6000e-004	0.0559	0.0148	3.3000e-004	0.0151	0.0000	44.4094	44.4094	1.1100e-003	0.0000	44.4371
Total	0.0299	0.3129	0.2459	2.0300e-003	0.1008	9.2000e-004	0.1018	0.0278	8.6000e-004	0.0287	0.0000	195.3593	195.3593	9.5900e-003	0.0000	195.5989

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	0.1100	0.4767	5.3228	8.9600e-003		0.0147	0.0147		0.0147	0.0147	0.0000	787.1578	787.1578	0.2546	0.0000	793.5224
Paving	0.0463					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1563	0.4767	5.3228	8.9600e-003		0.0147	0.0147		0.0147	0.0147	0.0000	787.1578	787.1578	0.2546	0.0000	793.5224

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	0.0108	0.2993	0.1094	1.5400e-003	0.0453	5.6000e-004	0.0458	0.0131	5.3000e-004	0.0136	0.0000	150.9499	150.9499	8.4800e-003	0.0000	151.1618
Worker	0.0191	0.0135	0.1366	4.9000e-004	0.0556	3.6000e-004	0.0559	0.0148	3.3000e-004	0.0151	0.0000	44.4094	44.4094	1.1100e-003	0.0000	44.4371
Total	0.0299	0.3129	0.2459	2.0300e-003	0.1008	9.2000e-004	0.1018	0.0278	8.6000e-004	0.0287	0.0000	195.3593	195.3593	9.5900e-003	0.0000	195.5989

3.15 P2 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	0.4341	4.3426	4.7147	9.0200e-003		0.1902	0.1902		0.1750	0.1750	0.0000	791.9716	791.9716	0.2561	0.0000	798.3750
Paving	0.0466					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.4806	4.3426	4.7147	9.0200e-003		0.1902	0.1902		0.1750	0.1750	0.0000	791.9716	791.9716	0.2561	0.0000	798.3750

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	0.0106	0.2958	0.1080	1.5400e-003	0.0456	5.5000e-004	0.0461	0.0131	5.3000e-004	0.0137	0.0000	151.0948	151.0948	8.5400e-003	0.0000	151.3082
Worker	0.0183	0.0125	0.1285	4.7000e-004	0.0559	3.5000e-004	0.0563	0.0149	3.3000e-004	0.0152	0.0000	42.9331	42.9331	1.0200e-003	0.0000	42.9587
Total	0.0289	0.3083	0.2365	2.0100e-003	0.1015	9.0000e-004	0.1024	0.0280	8.6000e-004	0.0289	0.0000	194.0279	194.0279	9.5600e-003	0.0000	194.2669

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	0.1107	0.4798	5.3569	9.0200e-003		0.0148	0.0148		0.0148	0.0148	0.0000	791.9706	791.9706	0.2561	0.0000	798.3741

Paving	0.0466					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1573	0.4798	5.3569	9.0200e-003		0.0148	0.0148		0.0148	0.0148	0.0000	791.9706	791.9706	0.2561	0.0000	798.3741

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	0.0106	0.2958	0.1080	1.5400e-003	0.0456	5.5000e-004	0.0461	0.0131	5.3000e-004	0.0137	0.0000	151.0948	151.0948	8.5400e-003	0.0000	151.3082
Worker	0.0183	0.0125	0.1285	4.7000e-004	0.0559	3.5000e-004	0.0563	0.0149	3.3000e-004	0.0152	0.0000	42.9331	42.9331	1.0200e-003	0.0000	42.9587
Total	0.0289	0.3083	0.2365	2.0100e-003	0.1015	9.0000e-004	0.1024	0.0280	8.6000e-004	0.0289	0.0000	194.0279	194.0279	9.5600e-003	0.0000	194.2669

3.15 P2 Paving - 2025

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	0.1296	1.2431	1.4968	2.9900e-003		0.0535	0.0535		0.0492	0.0492	0.0000	262.2122	262.2122	0.0848	0.0000	264.3324
Paving	0.0154					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1450	1.2431	1.4968	2.9900e-003		0.0535	0.0535		0.0492	0.0492	0.0000	262.2122	262.2122	0.0848	0.0000	264.3324

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	3.4200e-003	0.0961	0.0354	5.1000e-004	0.0151	1.8000e-004	0.0153	4.3500e-003	1.7000e-004	4.5200e-003	0.0000	49.7820	49.7820	2.8300e-003	0.0000	49.8529
Worker	5.8000e-003	3.8200e-003	0.0398	1.5000e-004	0.0185	1.2000e-004	0.0186	4.9200e-003	1.1000e-004	5.0300e-003	0.0000	13.6446	13.6446	3.1000e-004	0.0000	13.6524
Total	9.2200e-003	0.0999	0.0751	6.6000e-004	0.0336	3.0000e-004	0.0339	9.2700e-003	2.8000e-004	9.5500e-003	0.0000	63.4266	63.4266	3.1400e-003	0.0000	63.5053

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	0.0367	0.1589	1.7743	2.9900e-003		4.8900e-003	4.8900e-003		4.8900e-003	4.8900e-003	0.0000	262.2119	262.2119	0.0848	0.0000	264.3320
Paving	0.0154					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0521	0.1589	1.7743	2.9900e-003		4.8900e-003	4.8900e-003		4.8900e-003	4.8900e-003	0.0000	262.2119	262.2119	0.0848	0.0000	264.3320

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	3.4200e-003	0.0961	0.0354	5.1000e-004	0.0151	1.8000e-004	0.0153	4.3500e-003	1.7000e-004	4.5200e-003	0.0000	49.7820	49.7820	2.8300e-003	0.0000	49.8529
Worker	5.8000e-003	3.8200e-003	0.0398	1.5000e-004	0.0185	1.2000e-004	0.0186	4.9200e-003	1.1000e-004	5.0300e-003	0.0000	13.6446	13.6446	3.1000e-004	0.0000	13.6524
Total	9.2200e-003	0.0999	0.0751	6.6000e-004	0.0336	3.0000e-004	0.0339	9.2700e-003	2.8000e-004	9.5500e-003	0.0000	63.4266	63.4266	3.1400e-003	0.0000	63.5053

3.16 P2 Brush Management - 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0402	0.3880	0.3784	5.1000e-004		0.0254	0.0254		0.0234	0.0234	0.0000	44.7323	44.7323	0.0145	0.0000	45.0940
Total	0.0402	0.3880	0.3784	5.1000e-004	0.0000	0.0254	0.0254	0.0000	0.0234	0.0234	0.0000	44.7323	44.7323	0.0145	0.0000	45.0940

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	2.5800e-003	0.0757	0.0211	2.7000e-004	7.6900e-003	2.3000e-004	7.9200e-003	2.2200e-003	2.2000e-004	2.4400e-003	0.0000	26.5221	26.5221	1.5400e-003	0.0000	26.5607
Worker	0.0144	0.0110	0.1075	3.6000e-004	0.0378	2.5000e-004	0.0380	0.0100	2.3000e-004	0.0103	0.0000	32.5705	32.5705	9.0000e-004	0.0000	32.5928
Total	0.0170	0.0868	0.1286	6.3000e-004	0.0455	4.8000e-004	0.0459	0.0123	4.5000e-004	0.0127	0.0000	59.0926	59.0926	2.4400e-003	0.0000	59.1535

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.2200e-003	0.0270	0.3838	5.1000e-004		8.3000e-004	8.3000e-004		8.3000e-004	8.3000e-004	0.0000	44.7323	44.7323	0.0145	0.0000	45.0939
Total	6.2200e-003	0.0270	0.3838	5.1000e-004	0.0000	8.3000e-004	8.3000e-004	0.0000	8.3000e-004	8.3000e-004	0.0000	44.7323	44.7323	0.0145	0.0000	45.0939

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	2.5800e-003	0.0757	0.0211	2.7000e-004	7.6900e-003	2.3000e-004	7.9200e-003	2.2200e-003	2.2000e-004	2.4400e-003	0.0000	26.5221	26.5221	1.5400e-003	0.0000	26.5607
Worker	0.0144	0.0110	0.1075	3.6000e-004	0.0378	2.5000e-004	0.0380	0.0100	2.3000e-004	0.0103	0.0000	32.5705	32.5705	9.0000e-004	0.0000	32.5928
Total	0.0170	0.0868	0.1286	6.3000e-004	0.0455	4.8000e-004	0.0459	0.0123	4.5000e-004	0.0127	0.0000	59.0926	59.0926	2.4400e-003	0.0000	59.1535

3.16 P2 Brush Management - 2022

Unmitigated Construction On-Site

Off-Road	0.0368	0.1593	2.2667	3.0100e-003		4.9000e-003	4.9000e-003		4.9000e-003	4.9000e-003	0.0000	264.3737	264.3737	0.0855	0.0000	266.5113
Total	0.0368	0.1593	2.2667	3.0100e-003	0.0000	4.9000e-003	4.9000e-003	0.0000	4.9000e-003	4.9000e-003	0.0000	264.3737	264.3737	0.0855	0.0000	266.5113

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	0.0142	0.4146	0.1194	1.5900e-003	0.0454	1.1800e-003	0.0466	0.0131	1.1300e-003	0.0142	0.0000	155.1246	155.1246	8.9600e-003	0.0000	155.3485
Worker	0.0806	0.0594	0.5903	2.0500e-003	0.2230	1.4700e-003	0.2245	0.0592	1.3500e-003	0.0606	0.0000	185.2914	185.2914	4.8500e-003	0.0000	185.4127
Total	0.0948	0.4741	0.7097	3.6400e-003	0.2684	2.6500e-003	0.2711	0.0723	2.4800e-003	0.0748	0.0000	340.4161	340.4161	0.0138	0.0000	340.7612

3.16 P2 Brush Management - 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					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0840	0.8154	0.9117	1.2400e-003		0.0486	0.0486		0.0448	0.0448	0.0000	109.0677	109.0677	0.0353	0.0000	109.9496
Total	0.0840	0.8154	0.9117	1.2400e-003	0.0000	0.0486	0.0486	0.0000	0.0448	0.0448	0.0000	109.0677	109.0677	0.0353	0.0000	109.9496

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	4.4600e-003	0.1238	0.0452	6.4000e-004	0.0187	2.3000e-004	0.0190	5.4000e-003	2.2000e-004	5.6200e-003	0.0000	62.4120	62.4120	3.5000e-003	0.0000	62.4996
Worker	0.0316	0.0224	0.2259	8.1000e-004	0.0919	5.9000e-004	0.0925	0.0244	5.5000e-004	0.0250	0.0000	73.4464	73.4464	1.8300e-003	0.0000	73.4921
Total	0.0360	0.1462	0.2711	1.4500e-003	0.1106	8.2000e-004	0.1114	0.0298	7.7000e-004	0.0306	0.0000	135.8583	135.8583	5.3300e-003	0.0000	135.9917

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0152	0.0657	0.9342	1.2400e-003		2.0200e-003	2.0200e-003		2.0200e-003	2.0200e-003	0.0000	109.0676	109.0676	0.0353	0.0000	109.9494
Total	0.0152	0.0657	0.9342	1.2400e-003	0.0000	2.0200e-003	2.0200e-003	0.0000	2.0200e-003	2.0200e-003	0.0000	109.0676	109.0676	0.0353	0.0000	109.9494

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	4.4600e-003	0.1238	0.0452	6.4000e-004	0.0187	2.3000e-004	0.0190	5.4000e-003	2.2000e-004	5.6200e-003	0.0000	62.4120	62.4120	3.5000e-003	0.0000	62.4996
Worker	0.0316	0.0224	0.2259	8.1000e-004	0.0919	5.9000e-004	0.0925	0.0244	5.5000e-004	0.0250	0.0000	73.4464	73.4464	1.8300e-003	0.0000	73.4921
Total	0.0360	0.1462	0.2711	1.4500e-003	0.1106	8.2000e-004	0.1114	0.0298	7.7000e-004	0.0306	0.0000	135.8583	135.8583	5.3300e-003	0.0000	135.9917

Newland Sierra - Operation
San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	33.00	1000sqft	6.00	33,000.00	0
Other Asphalt Surfaces	97.60	Acre	97.60	4,251,456.00	0
City Park	23.80	Acre	23.80	1,036,728.00	0
Golf Course	12.10	Acre	12.10	527,076.00	0
Condo/Townhouse	935.00	Dwelling Unit	158.18	935,000.00	2674
Retirement Community	325.00	Dwelling Unit	58.20	325,000.00	930
Single Family Housing	875.00	Dwelling Unit	284.09	1,575,000.00	2503
Strip Mall	81.00	1000sqft	10.20	81,000.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2027
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	536.36	CH4 Intensity (lb/MW hr)	0.022	N2O Intensity (lb/MW hr)	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - 2020 RPS - intensity factors

Land Use - land uses per SP

Vehicle Trips - trip rates per LLG 2016

Woodstoves - no wood burning stoves

Area Coating - SDAPCD Rule 67.0.1

Energy Use - default energy use nat gas

Water And Wastewater - water demand per GSI study

Solid Waste - golf course = park

Waste Mitigation - 25% diversion

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	50
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	50
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	0
tblEnergyUse	LightingElect	1,001.10	0.00
tblEnergyUse	LightingElect	1,001.10	0.00
tblEnergyUse	LightingElect	1,608.84	0.00
tblEnergyUse	NT24E	4,109.59	0.00
tblEnergyUse	NT24E	3,418.36	0.00
tblEnergyUse	NT24E	6,680.41	0.00
tblEnergyUse	T24E	257.33	0.00
tblEnergyUse	T24E	307.62	0.00
tblEnergyUse	T24E	374.93	0.00
tblFireplaces	NumberGas	514.25	841.50
tblFireplaces	NumberGas	178.75	292.50
tblFireplaces	NumberGas	481.25	787.50
tblFireplaces	NumberWood	327.25	0.00
tblFireplaces	NumberWood	113.75	0.00
tblFireplaces	NumberWood	306.25	0.00
tblLandUse	LotAcreage	0.76	6.00

tblLandUse	LotAcreage	58.44	158.18
tblLandUse	LotAcreage	65.00	58.20
tblLandUse	LotAcreage	1.86	10.20
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.022
tblProjectCharacteristics	CO2IntensityFactor	720.49	536.36
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblProjectCharacteristics	OperationalYear	2018	2027
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSequestration	NumberOfNewTrees	0.00	4,492.00
tblVehicleTrips	CC_TL	6.60	10.21
tblVehicleTrips	CC_TL	6.60	10.21
tblVehicleTrips	CC_TL	6.60	10.21
tblVehicleTrips	CC_TL	6.60	10.21
tblVehicleTrips	CC_TL	6.60	10.21
tblVehicleTrips	CNW_TL	6.60	10.21
tblVehicleTrips	CNW_TL	6.60	10.21
tblVehicleTrips	CNW_TL	6.60	10.21
tblVehicleTrips	CNW_TL	6.60	10.21
tblVehicleTrips	CNW_TL	6.60	10.21
tblVehicleTrips	CW_TL	14.70	10.21
tblVehicleTrips	CW_TL	14.70	10.21
tblVehicleTrips	CW_TL	14.70	10.21
tblVehicleTrips	CW_TL	14.70	10.21
tblVehicleTrips	CW_TL	14.70	10.21
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	25.00	0.00
tblVehicleTrips	DV_TP	39.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00

tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	HO_TL	7.90	10.21
tblVehicleTrips	HO_TL	7.90	10.21
tblVehicleTrips	HO_TL	7.90	10.21
tblVehicleTrips	HS_TL	7.10	10.21
tblVehicleTrips	HS_TL	7.10	10.21
tblVehicleTrips	HS_TL	7.10	10.21
tblVehicleTrips	HW_TL	16.80	10.21
tblVehicleTrips	HW_TL	16.80	10.21
tblVehicleTrips	HW_TL	16.80	10.21
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	12.00	0.00
tblVehicleTrips	PB_TP	9.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	63.00	100.00
tblVehicleTrips	PR_TP	52.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	22.75	5.00
tblVehicleTrips	ST_TR	5.67	8.00
tblVehicleTrips	ST_TR	5.82	50.00
tblVehicleTrips	ST_TR	2.03	4.00
tblVehicleTrips	ST_TR	9.91	10.00
tblVehicleTrips	ST_TR	42.04	120.00

tblVehicleTrips	SU_TR	16.74	5.00
tblVehicleTrips	SU_TR	4.84	8.00
tblVehicleTrips	SU_TR	5.88	50.00
tblVehicleTrips	SU_TR	1.95	4.00
tblVehicleTrips	SU_TR	8.62	10.00
tblVehicleTrips	SU_TR	20.43	120.00
tblVehicleTrips	WD_TR	1.89	5.00
tblVehicleTrips	WD_TR	5.81	8.00
tblVehicleTrips	WD_TR	15.43	26.90
tblVehicleTrips	WD_TR	5.04	50.00
tblVehicleTrips	WD_TR	2.40	4.00
tblVehicleTrips	WD_TR	9.52	10.00
tblVehicleTrips	WD_TR	44.32	120.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercentage	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercentage	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercentage	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercentage	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercentage	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercentage	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercentage	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercentage	2.21	0.00
tblWater	IndoorWaterUseRate	60,919,013.96	18,266,772.59

tblWater	IndoorWaterUseRate	956,898.27	364,953.12
tblWater	IndoorWaterUseRate	21,175,058.33	18,266,772.59
tblWater	IndoorWaterUseRate	57,009,772.42	81,960,650.33
tblWater	IndoorWaterUseRate	5,999,874.24	1,676,829.25
tblWater	OutdoorWaterUseRate	28,357,256.12	10,952,403.00
tblWater	OutdoorWaterUseRate	38,405,465.32	11,516,008.81
tblWater	OutdoorWaterUseRate	2,460,595.55	938,450.88
tblWater	OutdoorWaterUseRate	14,416,924.33	5,568,238.50
tblWater	OutdoorWaterUseRate	13,349,493.29	11,516,008.81
tblWater	OutdoorWaterUseRate	35,940,943.48	51,670,844.77
tblWater	OutdoorWaterUseRate	3,677,342.28	1,027,734.05
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWoodstoves	NumberCatalytic	46.75	0.00
tblWoodstoves	NumberCatalytic	16.25	0.00
tblWoodstoves	NumberCatalytic	43.75	0.00
tblWoodstoves	NumberNoncatalytic	46.75	0.00
tblWoodstoves	NumberNoncatalytic	16.25	0.00
tblWoodstoves	NumberNoncatalytic	43.75	0.00

2.0 Emissions Summary

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	80.2908	33.9015	189.5621	0.2128		3.5536	3.5536		3.5536	3.5536	0.0000	41,007.8016	41,007.8016	1.0838	0.7460	41,257.2018
Energy	1.3578	11.6090	4.9820	0.0741		0.9381	0.9381		0.9381	0.9381		14,812.2289	14,812.2289	0.2839	0.2716	14,900.2506
Mobile	41.2277	161.5235	535.8362	2.1863	227.3485	1.5587	228.9072	60.7438	1.4485	62.1922		223,234.0739	223,234.0739	10.2276		223,489.7636
Total	122.8763	207.0340	730.3803	2.4731	227.3485	6.0504	233.3988	60.7438	5.9402	66.6839	0.0000	279,054.1043	279,054.1043	11.5953	1.0176	279,647.2160

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	80.2908	33.9015	189.5621	0.2128		3.5536	3.5536		3.5536	3.5536	0.0000	41,007.8016	41,007.8016	1.0838	0.7460	41,257.2018
Energy	1.3578	11.6090	4.9820	0.0741		0.9381	0.9381		0.9381	0.9381		14,812.2289	14,812.2289	0.2839	0.2716	14,900.2506
Mobile	41.2277	161.5235	535.8362	2.1863	227.3485	1.5587	228.9072	60.7438	1.4485	62.1922		223,234.0739	223,234.0739	10.2276		223,489.7636
Total	122.8763	207.0340	730.3803	2.4731	227.3485	6.0504	233.3988	60.7438	5.9402	66.6839	0.0000	279,054.1043	279,054.1043	11.5953	1.0176	279,647.2160

[illegible]

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	41.2277	161.5235	535.8362	2.1863	227.3485	1.5587	228.9072	60.7438	1.4485	62.1922		223,234.0739	223,234.0739	10.2276		223,489.7636
Unmitigated	41.2277	161.5235	535.8362	2.1863	227.3485	1.5587	228.9072	60.7438	1.4485	62.1922		223,234.0739	223,234.0739	10.2276		223,489.7636

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	119.00	119.00	119.00	442,256	442,256
Condo/Townhouse	7,480.00	7,480.00	7480.00	27,798,971	27,798,971
Elementary School	887.70	0.00	0.00	2,356,488	2,356,488
Golf Course	605.00	605.00	605.00	2,248,446	2,248,446
Other Asphalt Surfaces	0.00	0.00	0.00		
Retirement Community	1,300.00	1,300.00	1300.00	4,831,372	4,831,372
Single Family Housing	8,750.00	8,750.00	8750.00	32,518,850	32,518,850
Strip Mall	9,720.00	9,720.00	9720.00	36,123,797	36,123,797
Total	28,861.70	27,974.00	27,974.00	106,320,181	106,320,181

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	10.21	10.21	10.21	33.00	48.00	19.00	100	0	0
Condo/Townhouse	10.21	10.21	10.21	41.60	18.80	39.60	100	0	0
Elementary School	10.21	10.21	10.21	65.00	30.00	5.00	100	0	0
Golf Course	10.21	10.21	10.21	33.00	48.00	19.00	100	0	0
Other Asphalt Surfaces	10.21	10.21	10.21	0.00	0.00	0.00	0	0	0
Retirement Community	10.21	10.21	10.21	41.60	18.80	39.60	100	0	0

Single Family Housing	10.21	10.21	10.21	41.60	18.80	39.60	100	0	0
Strip Mall	10.21	10.21	10.21	16.60	64.40	19.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Elementary School	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
Other Asphalt Surfaces	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
City Park	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
Golf Course	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
Condo/Townhouse	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
Retirement Community	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
Single Family Housing	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
Strip Mall	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	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	1.3578	11.6090	4.9820	0.0741		0.9381	0.9381		0.9381	0.9381		14,812.2289	14,812.2289	0.2839	0.2716	14,900.2506
NaturalGas Unmitigated	1.3578	11.6090	4.9820	0.0741		0.9381	0.9381		0.9381	0.9381		14,812.2289	14,812.2289	0.2839	0.2716	14,900.2506

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	43791.3	0.4723	4.0357	1.7173	0.0258		0.3263	0.3263		0.3263	0.3263		5,151.9208	5,151.9208	0.0988	0.0945	5,182.5361
Elementary School	537.041	5.7900e-003	0.0527	0.0442	3.2000e-004		4.0000e-003	4.0000e-003		4.0000e-003	4.0000e-003		63.1813	63.1813	1.2100e-003	1.1600e-003	63.5568
Golf Course	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Retirement Community	12774.4	0.1378	1.1773	0.5010	7.5100e-003		0.0952	0.0952		0.0952	0.0952		1,502.8733	1,502.8733	0.0288	0.0276	1,511.8042
Single Family Housing	68304.1	0.7366	6.2947	2.6786	0.0402		0.5089	0.5089		0.5089	0.5089		8,035.7716	8,035.7716	0.1540	0.1473	8,083.5241
Strip Mall	497.096	5.3600e-003	0.0487	0.0409	2.9000e-004		3.7000e-003	3.7000e-003		3.7000e-003	3.7000e-003		58.4819	58.4819	1.1200e-003	1.0700e-003	58.8294
Total		1.3578	11.6090	4.9820	0.0741		0.9381	0.9381		0.9381	0.9381		14,812.2289	14,812.2289	0.2839	0.2716	14,900.2506

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	43.7913	0.4723	4.0357	1.7173	0.0258		0.3263	0.3263		0.3263	0.3263		5,151.9208	5,151.9208	0.0988	0.0945	5,182.5361
Elementary School	0.537041	5.7900e-003	0.0527	0.0442	3.2000e-004		4.0000e-003	4.0000e-003		4.0000e-003	4.0000e-003		63.1813	63.1813	1.2100e-003	1.1600e-003	63.5568

Golf Course	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Retirement Community	12.7744	0.1378	1.1773	0.5010	7.5100e-003		0.0952	0.0952		0.0952	0.0952		1,502.8733	1,502.8733	0.0288	0.0276	1,511.8042
Single Family Housing	68.3041	0.7366	6.2947	2.6786	0.0402		0.5089	0.5089		0.5089	0.5089		8,035.7716	8,035.7716	0.1540	0.1473	8,083.5241
Strip Mall	0.497096	5.3600e-003	0.0487	0.0409	2.9000e-004		3.7000e-003	3.7000e-003		3.7000e-003	3.7000e-003		58.4819	58.4819	1.1200e-003	1.0700e-003	58.8294
Total		1.3578	11.6090	4.9820	0.0741		0.9381	0.9381		0.9381	0.9381		14,812.2289	14,812.2289	0.2839	0.2716	14,900.2506

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	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	80.2908	33.9015	189.5621	0.2128		3.5536	3.5536		3.5536	3.5536	0.0000	41,007.8016	41,007.8016	1.0838	0.7460	41,257.2018
Unmitigated	80.2908	33.9015	189.5621	0.2128		3.5536	3.5536		3.5536	3.5536	0.0000	41,007.8016	41,007.8016	1.0838	0.7460	41,257.2018

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	6.5800					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	64.6950					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	3.7300	31.8743	13.5635	0.2035		2.5771	2.5771		2.5771	2.5771	0.0000	40,690.5882	40,690.5882	0.7799	0.7460	40,932.3921
Landscaping	5.2858	2.0272	175.9985	9.3000e-003		0.9765	0.9765		0.9765	0.9765		317.2133	317.2133	0.3039		324.8098
Total	80.2908	33.9015	189.5621	0.2128		3.5536	3.5536		3.5536	3.5536	0.0000	41,007.8016	41,007.8016	1.0838	0.7460	41,257.2018

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	6.5800					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	64.6950					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	3.7300	31.8743	13.5635	0.2035		2.5771	2.5771		2.5771	2.5771	0.0000	40,690.5882	40,690.5882	0.7799	0.7460	40,932.3921
Landscaping	5.2858	2.0272	175.9985	9.3000e-003		0.9765	0.9765		0.9765	0.9765		317.2133	317.2133	0.3039		324.8098
Total	80.2908	33.9015	189.5621	0.2128		3.5536	3.5536		3.5536	3.5536	0.0000	41,007.8016	41,007.8016	1.0838	0.7460	41,257.2018

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

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

Newland Sierra - Operation - San Diego County, Winter

Newland Sierra - Operation
San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	33.00	1000sqft	6.00	33,000.00	0
Other Asphalt Surfaces	97.60	Acre	97.60	4,251,456.00	0
City Park	23.80	Acre	23.80	1,036,728.00	0
Golf Course	12.10	Acre	12.10	527,076.00	0
Condo/Townhouse	935.00	Dwelling Unit	158.18	935,000.00	2674
Retirement Community	325.00	Dwelling Unit	58.20	325,000.00	930
Single Family Housing	875.00	Dwelling Unit	284.09	1,575,000.00	2503
Strip Mall	81.00	1000sqft	10.20	81,000.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2027
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	536.36	CH4 Intensity (lb/MW hr)	0.022	N2O Intensity (lb/MW hr)	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - 2020 RPS - intensity factors

Land Use - land uses per SP

Vehicle Trips - trip rates per LLG 2016

Woodstoves - no wood burning stoves

Area Coating - SDAPCD Rule 67.0.1

Energy Use - default energy use nat gas

Water And Wastewater - water demand per GSI study

Solid Waste - golf course = park

Waste Mitigation - 25% diversion

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	50
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	50
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	0
tblEnergyUse	LightingElect	1,001.10	0.00
tblEnergyUse	LightingElect	1,001.10	0.00
tblEnergyUse	LightingElect	1,608.84	0.00
tblEnergyUse	NT24E	4,109.59	0.00
tblEnergyUse	NT24E	3,418.36	0.00
tblEnergyUse	NT24E	6,680.41	0.00
tblEnergyUse	T24E	257.33	0.00
tblEnergyUse	T24E	307.62	0.00
tblEnergyUse	T24E	374.93	0.00
tblFireplaces	NumberGas	514.25	841.50
tblFireplaces	NumberGas	178.75	292.50
tblFireplaces	NumberGas	481.25	787.50
tblFireplaces	NumberWood	327.25	0.00
tblFireplaces	NumberWood	113.75	0.00
tblFireplaces	NumberWood	306.25	0.00
tblLandUse	LotAcreage	0.76	6.00

tblLandUse	LotAcreage	58.44	158.18
tblLandUse	LotAcreage	65.00	58.20
tblLandUse	LotAcreage	1.86	10.20
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.022
tblProjectCharacteristics	CO2IntensityFactor	720.49	536.36
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblProjectCharacteristics	OperationalYear	2018	2027
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSequestration	NumberOfNewTrees	0.00	4,492.00
tblVehicleTrips	CC_TL	6.60	10.21
tblVehicleTrips	CC_TL	6.60	10.21
tblVehicleTrips	CC_TL	6.60	10.21
tblVehicleTrips	CC_TL	6.60	10.21
tblVehicleTrips	CC_TL	6.60	10.21
tblVehicleTrips	CNW_TL	6.60	10.21
tblVehicleTrips	CNW_TL	6.60	10.21
tblVehicleTrips	CNW_TL	6.60	10.21
tblVehicleTrips	CNW_TL	6.60	10.21
tblVehicleTrips	CNW_TL	6.60	10.21
tblVehicleTrips	CW_TL	14.70	10.21
tblVehicleTrips	CW_TL	14.70	10.21
tblVehicleTrips	CW_TL	14.70	10.21
tblVehicleTrips	CW_TL	14.70	10.21
tblVehicleTrips	CW_TL	14.70	10.21
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	25.00	0.00
tblVehicleTrips	DV_TP	39.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00

tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	HO_TL	7.90	10.21
tblVehicleTrips	HO_TL	7.90	10.21
tblVehicleTrips	HO_TL	7.90	10.21
tblVehicleTrips	HS_TL	7.10	10.21
tblVehicleTrips	HS_TL	7.10	10.21
tblVehicleTrips	HS_TL	7.10	10.21
tblVehicleTrips	HW_TL	16.80	10.21
tblVehicleTrips	HW_TL	16.80	10.21
tblVehicleTrips	HW_TL	16.80	10.21
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	12.00	0.00
tblVehicleTrips	PB_TP	9.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	63.00	100.00
tblVehicleTrips	PR_TP	52.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	22.75	5.00
tblVehicleTrips	ST_TR	5.67	8.00
tblVehicleTrips	ST_TR	5.82	50.00
tblVehicleTrips	ST_TR	2.03	4.00
tblVehicleTrips	ST_TR	9.91	10.00
tblVehicleTrips	ST_TR	42.04	120.00

tblVehicleTrips	SU_TR	16.74	5.00
tblVehicleTrips	SU_TR	4.84	8.00
tblVehicleTrips	SU_TR	5.88	50.00
tblVehicleTrips	SU_TR	1.95	4.00
tblVehicleTrips	SU_TR	8.62	10.00
tblVehicleTrips	SU_TR	20.43	120.00
tblVehicleTrips	WD_TR	1.89	5.00
tblVehicleTrips	WD_TR	5.81	8.00
tblVehicleTrips	WD_TR	15.43	26.90
tblVehicleTrips	WD_TR	5.04	50.00
tblVehicleTrips	WD_TR	2.40	4.00
tblVehicleTrips	WD_TR	9.52	10.00
tblVehicleTrips	WD_TR	44.32	120.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	IndoorWaterUseRate	60,919,013.96	18,266,772.59

tblWater	IndoorWaterUseRate	956,898.27	364,953.12
tblWater	IndoorWaterUseRate	21,175,058.33	18,266,772.59
tblWater	IndoorWaterUseRate	57,009,772.42	81,960,650.33
tblWater	IndoorWaterUseRate	5,999,874.24	1,676,829.25
tblWater	OutdoorWaterUseRate	28,357,256.12	10,952,403.00
tblWater	OutdoorWaterUseRate	38,405,465.32	11,516,008.81
tblWater	OutdoorWaterUseRate	2,460,595.55	938,450.88
tblWater	OutdoorWaterUseRate	14,416,924.33	5,568,238.50
tblWater	OutdoorWaterUseRate	13,349,493.29	11,516,008.81
tblWater	OutdoorWaterUseRate	35,940,943.48	51,670,844.77
tblWater	OutdoorWaterUseRate	3,677,342.28	1,027,734.05
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWoodstoves	NumberCatalytic	46.75	0.00
tblWoodstoves	NumberCatalytic	16.25	0.00
tblWoodstoves	NumberCatalytic	43.75	0.00
tblWoodstoves	NumberNoncatalytic	46.75	0.00
tblWoodstoves	NumberNoncatalytic	16.25	0.00
tblWoodstoves	NumberNoncatalytic	43.75	0.00

2.0 Emissions Summary

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	80.2908	33.9015	189.5621	0.2128		3.5536	3.5536		3.5536	3.5536	0.0000	41,007.8016	41,007.8016	1.0838	0.7460	41,257.2018
Energy	1.3578	11.6090	4.9820	0.0741		0.9381	0.9381		0.9381	0.9381		14,812.2289	14,812.2289	0.2839	0.2716	14,900.2506
Mobile	39.8991	166.2947	516.6048	2.0769	227.3485	1.5630	228.9115	60.7438	1.4526	62.1964		212,223.2201	212,223.2201	10.2080		212,478.4207
Total	121.5478	211.8053	711.1489	2.3637	227.3485	6.0547	233.4032	60.7438	5.9443	66.6881	0.0000	268,043.2505	268,043.2505	11.5757	1.0176	268,635.8731

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	80.2908	33.9015	189.5621	0.2128		3.5536	3.5536		3.5536	3.5536	0.0000	41,007.8016	41,007.8016	1.0838	0.7460	41,257.2018
Energy	1.3578	11.6090	4.9820	0.0741		0.9381	0.9381		0.9381	0.9381		14,812.2289	14,812.2289	0.2839	0.2716	14,900.2506
Mobile	39.8991	166.2947	516.6048	2.0769	227.3485	1.5630	228.9115	60.7438	1.4526	62.1964		212,223.2201	212,223.2201	10.2080		212,478.4207
Total	121.5478	211.8053	711.1489	2.3637	227.3485	6.0547	233.4032	60.7438	5.9443	66.6881	0.0000	268,043.2505	268,043.2505	11.5757	1.0176	268,635.8731

[illegible]

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	39.8991	166.2947	516.6048	2.0769	227.3485	1.5630	228.9115	60.7438	1.4526	62.1964		212,223.201	212,223.2201	10.2080		212,478.4207
Unmitigated	39.8991	166.2947	516.6048	2.0769	227.3485	1.5630	228.9115	60.7438	1.4526	62.1964		212,223.201	212,223.2201	10.2080		212,478.4207

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	119.00	119.00	119.00	442,256	442,256
Condo/Townhouse	7,480.00	7,480.00	7480.00	27,798,971	27,798,971
Elementary School	887.70	0.00	0.00	2,356,488	2,356,488
Golf Course	605.00	605.00	605.00	2,248,446	2,248,446
Other Asphalt Surfaces	0.00	0.00	0.00		
Retirement Community	1,300.00	1,300.00	1300.00	4,831,372	4,831,372
Single Family Housing	8,750.00	8,750.00	8750.00	32,518,850	32,518,850
Strip Mall	9,720.00	9,720.00	9720.00	36,123,797	36,123,797
Total	28,861.70	27,974.00	27,974.00	106,320,181	106,320,181

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	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
City Park	10.21	10.21	10.21	33.00	48.00	19.00	100	0	0
Condo/Townhouse	10.21	10.21	10.21	41.60	18.80	39.60	100	0	0
Elementary School	10.21	10.21	10.21	65.00	30.00	5.00	100	0	0
Golf Course	10.21	10.21	10.21	33.00	48.00	19.00	100	0	0
Other Asphalt Surfaces	10.21	10.21	10.21	0.00	0.00	0.00	0	0	0
Retirement Community	10.21	10.21	10.21	41.60	18.80	39.60	100	0	0

Single Family Housing	10.21	10.21	10.21	41.60	18.80	39.60	100	0	0
Strip Mall	10.21	10.21	10.21	16.60	64.40	19.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Elementary School	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
Other Asphalt Surfaces	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
City Park	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
Golf Course	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
Condo/Townhouse	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
Retirement Community	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
Single Family Housing	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
Strip Mall	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	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	1.3578	11.6090	4.9820	0.0741		0.9381	0.9381		0.9381	0.9381		14,812.2289	14,812.2289	0.2839	0.2716	14,900.2506
NaturalGas Unmitigated	1.3578	11.6090	4.9820	0.0741		0.9381	0.9381		0.9381	0.9381		14,812.2289	14,812.2289	0.2839	0.2716	14,900.2506

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	43791.3	0.4723	4.0357	1.7173	0.0258		0.3263	0.3263		0.3263	0.3263		5,151.9208	5,151.9208	0.0988	0.0945	5,182.5361
Elementary School	537.041	5.7900e-003	0.0527	0.0442	3.2000e-004		4.0000e-003	4.0000e-003		4.0000e-003	4.0000e-003		63.1813	63.1813	1.2100e-003	1.1600e-003	63.5568
Golf Course	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Retirement Community	12774.4	0.1378	1.1773	0.5010	7.5100e-003		0.0952	0.0952		0.0952	0.0952		1,502.8733	1,502.8733	0.0288	0.0276	1,511.8042
Single Family Housing	68304.1	0.7366	6.2947	2.6786	0.0402		0.5089	0.5089		0.5089	0.5089		8,035.7716	8,035.7716	0.1540	0.1473	8,083.5241
Strip Mall	497.096	5.3600e-003	0.0487	0.0409	2.9000e-004		3.7000e-003	3.7000e-003		3.7000e-003	3.7000e-003		58.4819	58.4819	1.1200e-003	1.0700e-003	58.8294
Total		1.3578	11.6090	4.9820	0.0741		0.9381	0.9381		0.9381	0.9381		14,812.2289	14,812.2289	0.2839	0.2716	14,900.2506

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	43.7913	0.4723	4.0357	1.7173	0.0258		0.3263	0.3263		0.3263	0.3263		5,151.9208	5,151.9208	0.0988	0.0945	5,182.5361
Elementary School	0.537041	5.7900e-003	0.0527	0.0442	3.2000e-004		4.0000e-003	4.0000e-003		4.0000e-003	4.0000e-003		63.1813	63.1813	1.2100e-003	1.1600e-003	63.5568

Golf Course	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Retirement Community	12.7744	0.1378	1.1773	0.5010	7.5100e-003		0.0952	0.0952		0.0952	0.0952		1,502.8733	1,502.8733	0.0288	0.0276	1,511.8042
Single Family Housing	68.3041	0.7366	6.2947	2.6786	0.0402		0.5089	0.5089		0.5089	0.5089		8,035.7716	8,035.7716	0.1540	0.1473	8,083.5241
Strip Mall	0.497096	5.3600e-003	0.0487	0.0409	2.9000e-004		3.7000e-003	3.7000e-003		3.7000e-003	3.7000e-003		58.4819	58.4819	1.1200e-003	1.0700e-003	58.8294
Total		1.3578	11.6090	4.9820	0.0741		0.9381	0.9381		0.9381	0.9381		14,812.2289	14,812.2289	0.2839	0.2716	14,900.2506

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	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	80.2908	33.9015	189.5621	0.2128		3.5536	3.5536		3.5536	3.5536	0.0000	41,007.8016	41,007.8016	1.0838	0.7460	41,257.2018
Unmitigated	80.2908	33.9015	189.5621	0.2128		3.5536	3.5536		3.5536	3.5536	0.0000	41,007.8016	41,007.8016	1.0838	0.7460	41,257.2018

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	6.5800					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	64.6950					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	3.7300	31.8743	13.5635	0.2035		2.5771	2.5771		2.5771	2.5771	0.0000	40,690.5882	40,690.5882	0.7799	0.7460	40,932.3921
Landscaping	5.2858	2.0272	175.9985	9.3000e-003		0.9765	0.9765		0.9765	0.9765		317.2133	317.2133	0.3039		324.8098
Total	80.2908	33.9015	189.5621	0.2128		3.5536	3.5536		3.5536	3.5536	0.0000	41,007.8016	41,007.8016	1.0838	0.7460	41,257.2018

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	6.5800					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	64.6950					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	3.7300	31.8743	13.5635	0.2035		2.5771	2.5771		2.5771	2.5771	0.0000	40,690.5882	40,690.5882	0.7799	0.7460	40,932.3921
Landscaping	5.2858	2.0272	175.9985	9.3000e-003		0.9765	0.9765		0.9765	0.9765		317.2133	317.2133	0.3039		324.8098
Total	80.2908	33.9015	189.5621	0.2128		3.5536	3.5536		3.5536	3.5536	0.0000	41,007.8016	41,007.8016	1.0838	0.7460	41,257.2018

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

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

Newland Sierra - Operation 2021**San Diego County, Summer****1.0 Project Characteristics****1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	12.20	Acre	12.20	531,432.00	0
Condo/Townhouse	93.00	Dwelling Unit	5.81	93,000.00	266
Retirement Community	54.00	Dwelling Unit	10.80	54,000.00	154
Single Family Housing	108.00	Dwelling Unit	35.06	194,400.00	309

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2021
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	536.36	CH4 Intensity (lb/MW hr)	0.022	N2O Intensity (lb/MW hr)	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - 2020 RPS - intensity factors

Land Use - land uses per SP

Vehicle Trips - trip rates per LLG 2016

Woodstoves - no wood burning stoves

Area Coating - SDAPCD Rule 67.0.1

Energy Use - default energy use nat gas

Water And Wastewater - water demand per GSI study

Solid Waste - golf course = park

Sequestration -

Waste Mitigation - 25% diversion

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	50
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	50
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	0
tblEnergyUse	LightingElect	1,001.10	0.00
tblEnergyUse	LightingElect	1,001.10	0.00
tblEnergyUse	LightingElect	1,608.84	0.00
tblEnergyUse	NT24E	4,109.59	0.00
tblEnergyUse	NT24E	3,418.36	0.00
tblEnergyUse	NT24E	6,680.41	0.00
tblEnergyUse	T24E	257.33	0.00
tblEnergyUse	T24E	307.62	0.00
tblEnergyUse	T24E	374.93	0.00
tblFireplaces	NumberGas	51.15	83.70
tblFireplaces	NumberGas	29.70	48.60
tblFireplaces	NumberGas	59.40	97.20
tblFireplaces	NumberWood	32.55	0.00
tblFireplaces	NumberWood	18.90	0.00
tblFireplaces	NumberWood	37.80	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.022
tblProjectCharacteristics	CO2IntensityFactor	720.49	536.36
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblProjectCharacteristics	OperationalYear	2018	2021
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural

tblSequestration	NumberOfNewTrees	0.00	4,492.00
tblVehicleTrips	CC_TL	6.60	10.21
tblVehicleTrips	CNW_TL	6.60	10.21
tblVehicleTrips	CW_TL	14.70	10.21
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	HO_TL	7.90	10.21
tblVehicleTrips	HO_TL	7.90	10.21
tblVehicleTrips	HO_TL	7.90	10.21
tblVehicleTrips	HS_TL	7.10	10.21
tblVehicleTrips	HS_TL	7.10	10.21
tblVehicleTrips	HS_TL	7.10	10.21
tblVehicleTrips	HW_TL	16.80	10.21
tblVehicleTrips	HW_TL	16.80	10.21
tblVehicleTrips	HW_TL	16.80	10.21
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	ST_TR	5.67	8.00
tblVehicleTrips	ST_TR	2.03	4.00
tblVehicleTrips	ST_TR	9.91	10.00
tblVehicleTrips	SU_TR	4.84	8.00
tblVehicleTrips	SU_TR	1.95	4.00
tblVehicleTrips	SU_TR	8.62	10.00
tblVehicleTrips	WD_TR	5.81	8.00
tblVehicleTrips	WD_TR	2.40	4.00

tblVehicleTrips	WD_TR	9.52	10.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	IndoorWaterUseRate	6,059,324.38	18,266,772.59
tblWater	IndoorWaterUseRate	3,518,317.38	18,266,772.59
tblWater	IndoorWaterUseRate	7,036,634.77	81,960,650.33
tblWater	OutdoorWaterUseRate	3,820,008.85	11,516,008.81
tblWater	OutdoorWaterUseRate	2,218,069.65	11,516,008.81
tblWater	OutdoorWaterUseRate	4,436,139.31	51,670,844.77
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWoodstoves	NumberCatalytic	4.65	0.00
tblWoodstoves	NumberCatalytic	2.70	0.00
tblWoodstoves	NumberCatalytic	5.40	0.00
tblWoodstoves	NumberNoncatalytic	4.65	0.00
tblWoodstoves	NumberNoncatalytic	2.70	0.00
tblWoodstoves	NumberNoncatalytic	5.40	0.00

2.0 Emissions Summary

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	9.3507	4.0504	22.7048	0.0254		0.4240	0.4240		0.4240	0.4240	0.0000	4,897.8835	4,897.8835	0.1299	0.0891	4,927.6820
Energy	0.1608	1.3740	0.5847	8.7700e-003		0.1111	0.1111		0.1111	0.1111		1,753.9890	1,753.9890	0.0336	0.0322	1,764.4121
Mobile	4.0615	17.3708	53.1903	0.1888	16.0762	0.1517	16.2279	4.2967	0.1418	4.4386		19,168.0109	19,168.0109	0.9522		19,191.8161
Total	13.5730	22.7952	76.4797	0.2230	16.0762	0.6868	16.7630	4.2967	0.6770	4.9737	0.0000	25,819.8835	25,819.8835	1.1157	0.1213	25,883.9102

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	9.3507	4.0504	22.7048	0.0254		0.4240	0.4240		0.4240	0.4240	0.0000	4,897.8835	4,897.8835	0.1299	0.0891	4,927.6820
Energy	0.1608	1.3740	0.5847	8.7700e-003		0.1111	0.1111		0.1111	0.1111		1,753.9890	1,753.9890	0.0336	0.0322	1,764.4121
Mobile	4.0615	17.3708	53.1903	0.1888	16.0762	0.1517	16.2279	4.2967	0.1418	4.4386		19,168.0109	19,168.0109	0.9522		19,191.8161
Total	13.5730	22.7952	76.4797	0.2230	16.0762	0.6868	16.7630	4.2967	0.6770	4.9737	0.0000	25,819.8835	25,819.8835	1.1157	0.1213	25,883.9102

[illegible]

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	4.0615	17.3708	53.1903	0.1888	16.0762	0.1517	16.2279	4.2967	0.1418	4.4386		19,168.0109	19,168.0109	0.9522		19,191.8161
Unmitigated	4.0615	17.3708	53.1903	0.1888	16.0762	0.1517	16.2279	4.2967	0.1418	4.4386		19,168.0109	19,168.0109	0.9522		19,191.8161

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse	744.00	744.00	744.00	2,765,031	2,765,031
Other Asphalt Surfaces	0.00	0.00	0.00		
Retirement Community	216.00	216.00	216.00	802,751	802,751
Single Family Housing	1,080.00	1,080.00	1080.00	4,013,755	4,013,755
Total	2,040.00	2,040.00	2,040.00	7,581,538	7,581,538

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Condo/Townhouse	10.21	10.21	10.21	41.60	18.80	39.60	100	0	0
Other Asphalt Surfaces	10.21	10.21	10.21	0.00	0.00	0.00	0	0	0
Retirement Community	10.21	10.21	10.21	41.60	18.80	39.60	100	0	0
Single Family Housing	10.21	10.21	10.21	41.60	18.80	39.60	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.593936	0.041843	0.182569	0.108325	0.016436	0.005513	0.015940	0.023523	0.001912	0.001972	0.006090	0.000748	0.001193
Condo/Townhouse	0.593936	0.041843	0.182569	0.108325	0.016436	0.005513	0.015940	0.023523	0.001912	0.001972	0.006090	0.000748	0.001193

Retirement Community	0.593936	0.041843	0.182569	0.108325	0.016436	0.005513	0.015940	0.023523	0.001912	0.001972	0.006090	0.000748	0.001193
Single Family Housing	0.593936	0.041843	0.182569	0.108325	0.016436	0.005513	0.015940	0.023523	0.001912	0.001972	0.006090	0.000748	0.001193

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	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	0.1608	1.3740	0.5847	8.7700e-003		0.1111	0.1111		0.1111	0.1111		1,753.9890	1,753.9890	0.0336	0.0322	1,764.4121
NaturalGas Unmitigated	0.1608	1.3740	0.5847	8.7700e-003		0.1111	0.1111		0.1111	0.1111		1,753.9890	1,753.9890	0.0336	0.0322	1,764.4121

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					
Condo/Townhouse	4355.71	0.0470	0.4014	0.1708	2.5600e-003		0.0325	0.0325		0.0325	0.0325		512.4370	512.4370	9.8200e-003	9.3900e-003	515.4822
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Retirement Community	2122.52	0.0229	0.1956	0.0832	1.2500e-003		0.0158	0.0158		0.0158	0.0158		249.7082	249.7082	4.7900e-003	4.5800e-003	251.1921

Single Family Housing	8430.67	0.0909	0.7769	0.3306	4.9600e-003		0.0628	0.0628		0.0628	0.0628		991.8438	991.8438	0.0190	0.0182	997.7378
Total		0.1608	1.3740	0.5847	8.7700e-003		0.1111	0.1111		0.1111	0.1111		1,753.9890	1,753.9890	0.0336	0.0322	1,764.4121

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					
Condo/Townhouse	4.35571	0.0470	0.4014	0.1708	2.5600e-003		0.0325	0.0325		0.0325	0.0325		512.4370	512.4370	9.8200e-003	9.3900e-003	515.4822
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Retirement Community	2.12252	0.0229	0.1956	0.0832	1.2500e-003		0.0158	0.0158		0.0158	0.0158		249.7082	249.7082	4.7900e-003	4.5800e-003	251.1921
Single Family Housing	8.43067	0.0909	0.7769	0.3306	4.9600e-003		0.0628	0.0628		0.0628	0.0628		991.8438	991.8438	0.0190	0.0182	997.7378
Total		0.1608	1.3740	0.5847	8.7700e-003		0.1111	0.1111		0.1111	0.1111		1,753.9890	1,753.9890	0.0336	0.0322	1,764.4121

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	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	9.3507	4.0504	22.7048	0.0254		0.4240	0.4240		0.4240	0.4240	0.0000	4,897.8835	4,897.8835	0.1299	0.0891	4,927.6820

Unmitigated	9.3507	4.0504	22.7048	0.0254		0.4240	0.4240		0.4240	0.4240	0.0000	4,897.8835	4,897.8835	0.1299	0.0891	4,927.6820

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	0.7721					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	7.4942					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.4455	3.8070	1.6200	0.0243		0.3078	0.3078		0.3078	0.3078	0.0000	4,860.0000	4,860.0000	0.0932	0.0891	4,888.8806
Landscaping	0.6389	0.2434	21.0848	1.1100e-003		0.1162	0.1162		0.1162	0.1162		37.8835	37.8835	0.0367		38.8014
Total	9.3507	4.0504	22.7048	0.0254		0.4240	0.4240		0.4240	0.4240	0.0000	4,897.8835	4,897.8835	0.1299	0.0891	4,927.6820

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	0.7721					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	7.4942					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.4455	3.8070	1.6200	0.0243		0.3078	0.3078		0.3078	0.3078	0.0000	4,860.0000	4,860.0000	0.0932	0.0891	4,888.8806
Landscaping	0.6389	0.2434	21.0848	1.1100e-003		0.1162	0.1162		0.1162	0.1162		37.8835	37.8835	0.0367		38.8014

Total	9.3507	4.0504	22.7048	0.0254		0.4240	0.4240		0.4240	0.4240	0.0000	4,897.8835	4,897.8835	0.1299	0.0891	4,927.6820

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

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

Newland Sierra - Operation 2022
San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	12.20	Acre	12.20	531,432.00	0
Condo/Townhouse	93.00	Dwelling Unit	5.81	93,000.00	266
Retirement Community	71.00	Dwelling Unit	14.20	71,000.00	203
Single Family Housing	105.00	Dwelling Unit	34.09	189,000.00	300

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2022
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	536.36	CH4 Intensity (lb/MW hr)	0.022	N2O Intensity (lb/MW hr)	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - 2020 RPS - intensity factors

Land Use - land uses per SP

Vehicle Trips - trip rates per LLG 2016

Woodstoves - no wood burning stoves

Area Coating - SDAPCD Rule 67.0.1

Energy Use - default energy use nat gas

Water And Wastewater - water demand per GSI study

Solid Waste - golf course = park

Waste Mitigation - 25% diversion

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	50
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	50
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	0
tblEnergyUse	NT24E	4,109.59	0.00
tblEnergyUse	NT24E	3,418.36	0.00
tblEnergyUse	NT24E	6,680.41	0.00
tblEnergyUse	T24E	257.33	0.00
tblEnergyUse	T24E	307.62	0.00
tblEnergyUse	T24E	374.93	0.00
tblFireplaces	NumberGas	51.15	83.70
tblFireplaces	NumberGas	39.05	63.90
tblFireplaces	NumberGas	57.75	94.50
tblFireplaces	NumberWood	32.55	0.00
tblFireplaces	NumberWood	24.85	0.00
tblFireplaces	NumberWood	36.75	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.022
tblProjectCharacteristics	CO2IntensityFactor	720.49	536.36
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblProjectCharacteristics	OperationalYear	2018	2022
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSequestration	NumberOfNewTrees	0.00	4,492.00
tblVehicleTrips	CC_TL	6.60	10.21
tblVehicleTrips	CNW_TL	6.60	10.21

tblVehicleTrips	CW_TL	14.70	10.21
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	HO_TL	7.90	10.21
tblVehicleTrips	HO_TL	7.90	10.21
tblVehicleTrips	HO_TL	7.90	10.21
tblVehicleTrips	HS_TL	7.10	10.21
tblVehicleTrips	HS_TL	7.10	10.21
tblVehicleTrips	HS_TL	7.10	10.21
tblVehicleTrips	HW_TL	16.80	10.21
tblVehicleTrips	HW_TL	16.80	10.21
tblVehicleTrips	HW_TL	16.80	10.21
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	ST_TR	5.67	8.00
tblVehicleTrips	ST_TR	2.03	4.00
tblVehicleTrips	ST_TR	9.91	10.00
tblVehicleTrips	SU_TR	4.84	8.00
tblVehicleTrips	SU_TR	1.95	4.00
tblVehicleTrips	SU_TR	8.62	10.00
tblVehicleTrips	WD_TR	5.81	8.00
tblVehicleTrips	WD_TR	2.40	4.00
tblVehicleTrips	WD_TR	9.52	10.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00

tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	IndoorWaterUseRate	6,059,324.38	18,266,772.59
tblWater	IndoorWaterUseRate	4,625,935.82	18,266,772.59
tblWater	IndoorWaterUseRate	6,841,172.69	81,960,650.33
tblWater	OutdoorWaterUseRate	3,820,008.85	11,516,008.81
tblWater	OutdoorWaterUseRate	2,916,350.84	11,516,008.81
tblWater	OutdoorWaterUseRate	4,312,913.22	51,670,844.77
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWoodstoves	NumberCatalytic	4.65	0.00
tblWoodstoves	NumberCatalytic	3.55	0.00
tblWoodstoves	NumberCatalytic	5.25	0.00
tblWoodstoves	NumberNoncatalytic	4.65	0.00
tblWoodstoves	NumberNoncatalytic	3.55	0.00
tblWoodstoves	NumberNoncatalytic	5.25	0.00

2.0 Emissions Summary

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	9.6805	4.2723	23.9269	0.0268		0.4475	0.4475		0.4475	0.4475	0.0000	5,166.7868	5,166.7868	0.1368	0.0940	5,198.2169
Energy	0.1655	1.4140	0.6017	9.0300e-003		0.1143	0.1143		0.1143	0.1143		1,805.0497	1,805.0497	0.0346	0.0331	1,815.7762
Mobile	3.8684	16.5510	50.5406	0.1861	16.3751	0.1469	16.5220	4.3764	0.1372	4.5136		18,910.2007	18,910.2007	0.9193		18,933.1843
Total	13.7143	22.2372	75.0692	0.2219	16.3751	0.7087	17.0838	4.3764	0.6990	5.0754	0.0000	25,882.0371	25,882.0371	1.0908	0.1271	25,947.1773

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	9.6805	4.2723	23.9269	0.0268		0.4475	0.4475		0.4475	0.4475	0.0000	5,166.7868	5,166.7868	0.1368	0.0940	5,198.2169
Energy	0.1655	1.4140	0.6017	9.0300e-003		0.1143	0.1143		0.1143	0.1143		1,805.0497	1,805.0497	0.0346	0.0331	1,815.7762
Mobile	3.8684	16.5510	50.5406	0.1861	16.3751	0.1469	16.5220	4.3764	0.1372	4.5136		18,910.2007	18,910.2007	0.9193		18,933.1843
Total	13.7143	22.2372	75.0692	0.2219	16.3751	0.7087	17.0838	4.3764	0.6990	5.0754	0.0000	25,882.0371	25,882.0371	1.0908	0.1271	25,947.1773

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	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

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	3.8684	16.5510	50.5406	0.1861	16.3751	0.1469	16.5220	4.3764	0.1372	4.5136		18,910.2007	18,910.2007	0.9193		18,933.1843
Unmitigated	3.8684	16.5510	50.5406	0.1861	16.3751	0.1469	16.5220	4.3764	0.1372	4.5136		18,910.2007	18,910.2007	0.9193		18,933.1843

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse	744.00	744.00	744.00	2,765,031	2,765,031
Other Asphalt Surfaces	0.00	0.00	0.00		
Retirement Community	284.00	284.00	284.00	1,055,469	1,055,469
Single Family Housing	1,050.00	1,050.00	1050.00	3,902,262	3,902,262
Total	2,078.00	2,078.00	2,078.00	7,722,762	7,722,762

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Condo/Townhouse	10.21	10.21	10.21	41.60	18.80	39.60	100	0	0
Other Asphalt Surfaces	10.21	10.21	10.21	0.00	0.00	0.00	0	0	0
Retirement Community	10.21	10.21	10.21	41.60	18.80	39.60	100	0	0
Single Family Housing	10.21	10.21	10.21	41.60	18.80	39.60	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.598645	0.040929	0.181073	0.106149	0.015683	0.005479	0.016317	0.023976	0.001926	0.001932	0.006016	0.000753	0.001122
Condo/Townhouse	0.598645	0.040929	0.181073	0.106149	0.015683	0.005479	0.016317	0.023976	0.001926	0.001932	0.006016	0.000753	0.001122
Retirement Community	0.598645	0.040929	0.181073	0.106149	0.015683	0.005479	0.016317	0.023976	0.001926	0.001932	0.006016	0.000753	0.001122
Single Family Housing	0.598645	0.040929	0.181073	0.106149	0.015683	0.005479	0.016317	0.023976	0.001926	0.001932	0.006016	0.000753	0.001122

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	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	0.1655	1.4140	0.6017	9.0300e-003		0.1143	0.1143		0.1143	0.1143		1,805.0497	1,805.0497	0.0346	0.0331	1,815.7762
NaturalGas Unmitigated	0.1655	1.4140	0.6017	9.0300e-003		0.1143	0.1143		0.1143	0.1143		1,805.0497	1,805.0497	0.0346	0.0331	1,815.7762

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					
Condo/Townhouse	4355.71	0.0470	0.4014	0.1708	2.5600e-003		0.0325	0.0325		0.0325	0.0325		512.4370	512.4370	9.8200e-003	9.3900e-003	515.4822
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Retirement Community	2790.72	0.0301	0.2572	0.1094	1.6400e-003		0.0208	0.0208		0.0208	0.0208		328.3200	328.3200	6.2900e-003	6.0200e-003	330.2711
Single Family Housing	8196.49	0.0884	0.7554	0.3214	4.8200e-003		0.0611	0.0611		0.0611	0.0611		964.2926	964.2926	0.0185	0.0177	970.0229
Total		0.1655	1.4140	0.6017	9.0200e-003		0.1143	0.1143		0.1143	0.1143		1,805.0497	1,805.0497	0.0346	0.0331	1,815.7762

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					
Condo/Townhouse	4.35571	0.0470	0.4014	0.1708	2.5600e-003		0.0325	0.0325		0.0325	0.0325		512.4370	512.4370	9.8200e-003	9.3900e-003	515.4822
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Retirement Community	2.79072	0.0301	0.2572	0.1094	1.6400e-003		0.0208	0.0208		0.0208	0.0208		328.3200	328.3200	6.2900e-003	6.0200e-003	330.2711
Single Family Housing	8.19649	0.0884	0.7554	0.3214	4.8200e-003		0.0611	0.0611		0.0611	0.0611		964.2926	964.2926	0.0185	0.0177	970.0229
Total		0.1655	1.4140	0.6017	9.0200e-003		0.1143	0.1143		0.1143	0.1143		1,805.0497	1,805.0497	0.0346	0.0331	1,815.7762

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	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	9.6805	4.2723	23.9269	0.0268		0.4475	0.4475		0.4475	0.4475	0.0000	5,166.7868	5,166.7868	0.1368	0.0940	5,198.2169
Unmitigated	9.6805	4.2723	23.9269	0.0268		0.4475	0.4475		0.4475	0.4475	0.0000	5,166.7868	5,166.7868	0.1368	0.0940	5,198.2169

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	0.7969					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	7.7424					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.4700	4.0160	1.7089	0.0256		0.3247	0.3247		0.3247	0.3247	0.0000	5,126.8235	5,126.8235	0.0983	0.0940	5,157.2897
Landscaping	0.6712	0.2562	22.2180	1.1700e-003		0.1228	0.1228		0.1228	0.1228		39.9633	39.9633	0.0386		40.9272
Total	9.6805	4.2723	23.9269	0.0268		0.4475	0.4475		0.4475	0.4475	0.0000	5,166.7868	5,166.7868	0.1368	0.0940	5,198.2169

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	0.7969					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	7.7424					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.4700	4.0160	1.7089	0.0256		0.3247	0.3247		0.3247	0.3247	0.0000	5,126.8235	5,126.8235	0.0983	0.0940	5,157.2897
Landscaping	0.6712	0.2562	22.2180	1.1700e-003		0.1228	0.1228		0.1228	0.1228		39.9633	39.9633	0.0386		40.9272
Total	9.6805	4.2723	23.9269	0.0268		0.4475	0.4475		0.4475	0.4475	0.0000	5,166.7868	5,166.7868	0.1368	0.0940	5,198.2169

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

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

Newland Sierra - Operation 2023
San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	12.20	Acre	12.20	531,432.00	0
City Park	10.30	Acre	10.30	448,668.00	0
Condo/Townhouse	98.00	Dwelling Unit	6.13	98,000.00	280
Retirement Community	54.00	Dwelling Unit	10.80	54,000.00	154
Single Family Housing	168.00	Dwelling Unit	54.55	302,400.00	480

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2023
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	536.36	CH4 Intensity (lb/MW hr)	0.022	N2O Intensity (lb/MW hr)	0.005

1.3 User Entered Comments & Non-Default Data

- Project Characteristics - 2020 RPS - intensity factors
- Land Use - land uses per SP
- Vehicle Trips - trip rates per LLG 2016
- Woodstoves - no wood burning stoves
- Area Coating - SDAPCD Rule 67.0.1
- Energy Use - default energy use nat gas

Water And Wastewater - water demand per GSI study

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	50
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	50
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	0
tblEnergyUse	LightingElect	1,001.10	0.00
tblEnergyUse	LightingElect	1,001.10	0.00
tblEnergyUse	LightingElect	1,608.84	0.00
tblEnergyUse	NT24E	4,109.59	0.00
tblEnergyUse	NT24E	3,418.36	0.00
tblEnergyUse	NT24E	6,680.41	0.00
tblEnergyUse	T24E	257.33	0.00
tblEnergyUse	T24E	307.62	0.00
tblEnergyUse	T24E	374.93	0.00
tblFireplaces	NumberGas	53.90	88.20
tblFireplaces	NumberGas	29.70	48.60
tblFireplaces	NumberGas	92.40	151.20
tblFireplaces	NumberWood	34.30	0.00
tblFireplaces	NumberWood	18.90	0.00
tblFireplaces	NumberWood	58.80	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.022
tblProjectCharacteristics	CO2IntensityFactor	720.49	536.36
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblProjectCharacteristics	OperationalYear	2018	2023
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSequestration	NumberOfNewTrees	0.00	4,492.00

tblVehicleTrips	CC_TL	6.60	10.21
tblVehicleTrips	CC_TL	6.60	10.21
tblVehicleTrips	CNW_TL	6.60	10.21
tblVehicleTrips	CNW_TL	6.60	10.21
tblVehicleTrips	CW_TL	14.70	10.21
tblVehicleTrips	CW_TL	14.70	10.21
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	HO_TL	7.90	10.21
tblVehicleTrips	HO_TL	7.90	10.21
tblVehicleTrips	HO_TL	7.90	10.21
tblVehicleTrips	HS_TL	7.10	10.21
tblVehicleTrips	HS_TL	7.10	10.21
tblVehicleTrips	HS_TL	7.10	10.21
tblVehicleTrips	HW_TL	16.80	10.21
tblVehicleTrips	HW_TL	16.80	10.21
tblVehicleTrips	HW_TL	16.80	10.21
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	ST_TR	22.75	5.00
tblVehicleTrips	ST_TR	5.67	8.00
tblVehicleTrips	ST_TR	2.03	4.00

tblVehicleTrips	ST_TR	9.91	10.00
tblVehicleTrips	SU_TR	16.74	5.00
tblVehicleTrips	SU_TR	4.84	8.00
tblVehicleTrips	SU_TR	1.95	4.00
tblVehicleTrips	SU_TR	8.62	10.00
tblVehicleTrips	WD_TR	1.89	5.00
tblVehicleTrips	WD_TR	5.81	8.00
tblVehicleTrips	WD_TR	2.40	4.00
tblVehicleTrips	WD_TR	9.52	10.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	IndoorWaterUseRate	6,385,094.51	18,266,772.59
tblWater	IndoorWaterUseRate	3,518,317.38	18,266,772.59
tblWater	IndoorWaterUseRate	10,945,876.30	81,960,650.33
tblWater	OutdoorWaterUseRate	12,272,257.90	10,952,403.00
tblWater	OutdoorWaterUseRate	4,025,385.67	11,516,008.81
tblWater	OutdoorWaterUseRate	2,218,069.65	11,516,008.81
tblWater	OutdoorWaterUseRate	6,900,661.15	51,670,844.77
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00

tblWater	SepticTankPercent	10.33	0.00
tblWoodstoves	NumberCatalytic	4.90	0.00
tblWoodstoves	NumberCatalytic	2.70	0.00
tblWoodstoves	NumberCatalytic	8.40	0.00
tblWoodstoves	NumberNoncatalytic	4.90	0.00
tblWoodstoves	NumberNoncatalytic	2.70	0.00
tblWoodstoves	NumberNoncatalytic	8.40	0.00

2.0 Emissions Summary

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	12.3045	5.0818	28.4415	0.0319		0.5324	0.5324		0.5324	0.5324	0.0000	6,146.3652	6,146.3652	0.1626	0.1118	6,183.7506
Energy	0.2138	1.8272	0.7775	0.0117		0.1477	0.1477		0.1477	0.1477		2,332.5638	2,332.5638	0.0447	0.0428	2,346.4250
Mobile	4.7081	17.8627	62.2289	0.2357	21.5235	0.1721	21.6956	5.7521	0.1603	5.9123		23,972.9504	23,972.9504	1.1303		24,001.2080
Total	17.2265	24.7717	91.4479	0.2792	21.5235	0.8522	22.3758	5.7521	0.8404	6.5925	0.0000	32,451.8793	32,451.8793	1.3376	0.1546	32,531.3836

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	12.3045	5.0818	28.4415	0.0319		0.5324	0.5324		0.5324	0.5324	0.0000	6,146.3652	6,146.3652	0.1626	0.1118	6,183.7506
Energy	0.2138	1.8272	0.7775	0.0117		0.1477	0.1477		0.1477	0.1477		2,332.5638	2,332.5638	0.0447	0.0428	2,346.4250
Mobile	4.7081	17.8627	62.2289	0.2357	21.5235	0.1721	21.6956	5.7521	0.1603	5.9123		23,972.9504	23,972.9504	1.1303		24,001.2080
Total	17.2265	24.7717	91.4479	0.2792	21.5235	0.8522	22.3758	5.7521	0.8404	6.5925	0.0000	32,451.8793	32,451.8793	1.3376	0.1546	32,531.3836

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	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

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	4.7081	17.8627	62.2289	0.2357	21.5235	0.1721	21.6956	5.7521	0.1603	5.9123		23,972.9504	23,972.9504	1.1303		24,001.2080
Unmitigated	4.7081	17.8627	62.2289	0.2357	21.5235	0.1721	21.6956	5.7521	0.1603	5.9123		23,972.9504	23,972.9504	1.1303		24,001.2080

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	51.50	51.50	51.50	191,397	191,397
Condo/Townhouse	784.00	784.00	784.00	2,913,689	2,913,689
Other Asphalt Surfaces	0.00	0.00	0.00		
Retirement Community	216.00	216.00	216.00	802,751	802,751
Single Family Housing	1,680.00	1,680.00	1680.00	6,243,619	6,243,619

Total	2,731.50	2,731.50	2,731.50	10,151,456	10,151,456

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	10.21	10.21	10.21	33.00	48.00	19.00	100	0	0
Condo/Townhouse	10.21	10.21	10.21	41.60	18.80	39.60	100	0	0
Other Asphalt Surfaces	10.21	10.21	10.21	0.00	0.00	0.00	0	0	0
Retirement Community	10.21	10.21	10.21	41.60	18.80	39.60	100	0	0
Single Family Housing	10.21	10.21	10.21	41.60	18.80	39.60	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.602700	0.040134	0.179939	0.104242	0.014985	0.005435	0.016642	0.024350	0.001934	0.001888	0.005938	0.000757	0.001056
City Park	0.602700	0.040134	0.179939	0.104242	0.014985	0.005435	0.016642	0.024350	0.001934	0.001888	0.005938	0.000757	0.001056
Condo/Townhouse	0.602700	0.040134	0.179939	0.104242	0.014985	0.005435	0.016642	0.024350	0.001934	0.001888	0.005938	0.000757	0.001056
Retirement Community	0.602700	0.040134	0.179939	0.104242	0.014985	0.005435	0.016642	0.024350	0.001934	0.001888	0.005938	0.000757	0.001056
Single Family Housing	0.602700	0.040134	0.179939	0.104242	0.014985	0.005435	0.016642	0.024350	0.001934	0.001888	0.005938	0.000757	0.001056

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	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	0.2138	1.8272	0.7775	0.0117		0.1477	0.1477		0.1477	0.1477		2,332.5638	2,332.5638	0.0447	0.0428	2,346.4250

NaturalGas Unmitigated	0.2138	1.8272	0.7775	0.0117		0.1477	0.1477		0.1477	0.1477		2,332.563 8	2,332.5638	0.0447	0.0428	2,346.425 0

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	4589.89	0.0495	0.4230	0.1800	2.7000e-003		0.0342	0.0342		0.0342	0.0342		539.9874	539.9874	0.0104	9.9000e-003	543.1963
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Retirement Community	2122.52	0.0229	0.1956	0.0832	1.2500e-003		0.0158	0.0158		0.0158	0.0158		249.7082	249.7082	4.7900e-003	4.5800e-003	251.1921
Single Family Housing	13114.4	0.1414	1.2086	0.5143	7.7100e-003		0.0977	0.0977		0.0977	0.0977		1,542.8681	1,542.8681	0.0296	0.0283	1,552.0366
Total		0.2138	1.8272	0.7775	0.0117		0.1477	0.1477		0.1477	0.1477		2,332.5637	2,332.5637	0.0447	0.0428	2,346.4250

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	4.58989	0.0495	0.4230	0.1800	2.7000e-003		0.0342	0.0342		0.0342	0.0342		539.9874	539.9874	0.0104	9.9000e-003	543.1963
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

Retirement Community	2.12252	0.0229	0.1956	0.0832	1.2500e-003		0.0158	0.0158		0.0158	0.0158		249.7082	249.7082	4.7900e-003	4.5800e-003	251.1921
Single Family Housing	13.1144	0.1414	1.2086	0.5143	7.7100e-003		0.0977	0.0977		0.0977	0.0977		1,542.8681	1,542.8681	0.0296	0.0283	1,552.0366
Total		0.2138	1.8272	0.7775	0.0117		0.1477	0.1477		0.1477	0.1477		2,332.5637	2,332.5637	0.0447	0.0428	2,346.4250

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	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	12.3045	5.0818	28.4415	0.0319		0.5324	0.5324		0.5324	0.5324	0.0000	6,146.3652	6,146.3652	0.1626	0.1118	6,183.7506
Unmitigated	12.3045	5.0818	28.4415	0.0319		0.5324	0.5324		0.5324	0.5324	0.0000	6,146.3652	6,146.3652	0.1626	0.1118	6,183.7506

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	1.0142					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	9.9355					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.5591	4.7774	2.0329	0.0305		0.3863	0.3863		0.3863	0.3863	0.0000	6,098.8235	6,098.8235	0.1169	0.1118	6,135.0658
Landscaping	0.7957	0.3044	26.4086	1.3900e-003		0.1462	0.1462		0.1462	0.1462		47.5417	47.5417	0.0457		48.6848
Total	12.3045	5.0818	28.4415	0.0319		0.5324	0.5324		0.5324	0.5324	0.0000	6,146.3652	6,146.3652	0.1626	0.1118	6,183.7506

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	1.0142					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	9.9355					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.5591	4.7774	2.0329	0.0305		0.3863	0.3863		0.3863	0.3863	0.0000	6,098.8235	6,098.8235	0.1169	0.1118	6,135.0658
Landscaping	0.7957	0.3044	26.4086	1.3900e-003		0.1462	0.1462		0.1462	0.1462		47.5417	47.5417	0.0457		48.6848
Total	12.3045	5.0818	28.4415	0.0319		0.5324	0.5324		0.5324	0.5324	0.0000	6,146.3652	6,146.3652	0.1626	0.1118	6,183.7506

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

Newland Sierra - Operation 2023
San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	12.20	Acre	12.20	531,432.00	0
City Park	10.30	Acre	10.30	448,668.00	0
Condo/Townhouse	98.00	Dwelling Unit	6.13	98,000.00	280
Retirement Community	54.00	Dwelling Unit	10.80	54,000.00	154
Single Family Housing	168.00	Dwelling Unit	54.55	302,400.00	480

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2023
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	536.36	CH4 Intensity (lb/MW hr)	0.022	N2O Intensity (lb/MW hr)	0.005

1.3 User Entered Comments & Non-Default Data

- Project Characteristics - 2020 RPS - intensity factors
- Land Use - land uses per SP
- Vehicle Trips - trip rates per LLG 2016
- Woodstoves - no wood burning stoves
- Area Coating - SDAPCD Rule 67.0.1
- Energy Use - default energy use nat gas

Water And Wastewater - water demand per GSI study

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	50
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	50
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	0
tblEnergyUse	LightingElect	1,001.10	0.00
tblEnergyUse	LightingElect	1,001.10	0.00
tblEnergyUse	LightingElect	1,608.84	0.00
tblEnergyUse	NT24E	4,109.59	0.00
tblEnergyUse	NT24E	3,418.36	0.00
tblEnergyUse	NT24E	6,680.41	0.00
tblEnergyUse	T24E	257.33	0.00
tblEnergyUse	T24E	307.62	0.00
tblEnergyUse	T24E	374.93	0.00
tblFireplaces	NumberGas	53.90	88.20
tblFireplaces	NumberGas	29.70	48.60
tblFireplaces	NumberGas	92.40	151.20
tblFireplaces	NumberWood	34.30	0.00
tblFireplaces	NumberWood	18.90	0.00
tblFireplaces	NumberWood	58.80	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.022
tblProjectCharacteristics	CO2IntensityFactor	720.49	536.36
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblProjectCharacteristics	OperationalYear	2018	2023
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSequestration	NumberOfNewTrees	0.00	4,492.00

tblVehicleTrips	CC_TL	6.60	10.21
tblVehicleTrips	CC_TL	6.60	10.21
tblVehicleTrips	CNW_TL	6.60	10.21
tblVehicleTrips	CNW_TL	6.60	10.21
tblVehicleTrips	CW_TL	14.70	10.21
tblVehicleTrips	CW_TL	14.70	10.21
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	HO_TL	7.90	10.21
tblVehicleTrips	HO_TL	7.90	10.21
tblVehicleTrips	HO_TL	7.90	10.21
tblVehicleTrips	HS_TL	7.10	10.21
tblVehicleTrips	HS_TL	7.10	10.21
tblVehicleTrips	HS_TL	7.10	10.21
tblVehicleTrips	HW_TL	16.80	10.21
tblVehicleTrips	HW_TL	16.80	10.21
tblVehicleTrips	HW_TL	16.80	10.21
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	ST_TR	22.75	5.00
tblVehicleTrips	ST_TR	5.67	8.00
tblVehicleTrips	ST_TR	2.03	4.00

tblVehicleTrips	ST_TR	9.91	10.00
tblVehicleTrips	SU_TR	16.74	5.00
tblVehicleTrips	SU_TR	4.84	8.00
tblVehicleTrips	SU_TR	1.95	4.00
tblVehicleTrips	SU_TR	8.62	10.00
tblVehicleTrips	WD_TR	1.89	5.00
tblVehicleTrips	WD_TR	5.81	8.00
tblVehicleTrips	WD_TR	2.40	4.00
tblVehicleTrips	WD_TR	9.52	10.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	IndoorWaterUseRate	6,385,094.51	18,266,772.59
tblWater	IndoorWaterUseRate	3,518,317.38	18,266,772.59
tblWater	IndoorWaterUseRate	10,945,876.30	81,960,650.33
tblWater	OutdoorWaterUseRate	12,272,257.90	10,952,403.00
tblWater	OutdoorWaterUseRate	4,025,385.67	11,516,008.81
tblWater	OutdoorWaterUseRate	2,218,069.65	11,516,008.81
tblWater	OutdoorWaterUseRate	6,900,661.15	51,670,844.77
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00

tblWater	SepticTankPercent	10.33	0.00
tblWoodstoves	NumberCatalytic	4.90	0.00
tblWoodstoves	NumberCatalytic	2.70	0.00
tblWoodstoves	NumberCatalytic	8.40	0.00
tblWoodstoves	NumberNoncatalytic	4.90	0.00
tblWoodstoves	NumberNoncatalytic	2.70	0.00
tblWoodstoves	NumberNoncatalytic	8.40	0.00

2.0 Emissions Summary

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	12.3045	5.0818	28.4415	0.0319		0.5324	0.5324		0.5324	0.5324	0.0000	6,146.3652	6,146.3652	0.1626	0.1118	6,183.7506
Energy	0.2138	1.8272	0.7775	0.0117		0.1477	0.1477		0.1477	0.1477		2,332.5638	2,332.5638	0.0447	0.0428	2,346.4250
Mobile	4.7081	17.8627	62.2289	0.2357	21.5235	0.1721	21.6956	5.7521	0.1603	5.9123		23,972.9504	23,972.9504	1.1303		24,001.2080
Total	17.2265	24.7717	91.4479	0.2792	21.5235	0.8522	22.3758	5.7521	0.8404	6.5925	0.0000	32,451.8793	32,451.8793	1.3376	0.1546	32,531.3836

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	12.3045	5.0818	28.4415	0.0319		0.5324	0.5324		0.5324	0.5324	0.0000	6,146.3652	6,146.3652	0.1626	0.1118	6,183.7506
Energy	0.2138	1.8272	0.7775	0.0117		0.1477	0.1477		0.1477	0.1477		2,332.5638	2,332.5638	0.0447	0.0428	2,346.4250
Mobile	4.7081	17.8627	62.2289	0.2357	21.5235	0.1721	21.6956	5.7521	0.1603	5.9123		23,972.9504	23,972.9504	1.1303		24,001.2080
Total	17.2265	24.7717	91.4479	0.2792	21.5235	0.8522	22.3758	5.7521	0.8404	6.5925	0.0000	32,451.8793	32,451.8793	1.3376	0.1546	32,531.3836

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	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

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	4.7081	17.8627	62.2289	0.2357	21.5235	0.1721	21.6956	5.7521	0.1603	5.9123		23,972.9504	23,972.9504	1.1303		24,001.2080
Unmitigated	4.7081	17.8627	62.2289	0.2357	21.5235	0.1721	21.6956	5.7521	0.1603	5.9123		23,972.9504	23,972.9504	1.1303		24,001.2080

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	51.50	51.50	51.50	191,397	191,397
Condo/Townhouse	784.00	784.00	784.00	2,913,689	2,913,689
Other Asphalt Surfaces	0.00	0.00	0.00		
Retirement Community	216.00	216.00	216.00	802,751	802,751
Single Family Housing	1,680.00	1,680.00	1680.00	6,243,619	6,243,619

Total	2,731.50	2,731.50	2,731.50	10,151,456	10,151,456

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	10.21	10.21	10.21	33.00	48.00	19.00	100	0	0
Condo/Townhouse	10.21	10.21	10.21	41.60	18.80	39.60	100	0	0
Other Asphalt Surfaces	10.21	10.21	10.21	0.00	0.00	0.00	0	0	0
Retirement Community	10.21	10.21	10.21	41.60	18.80	39.60	100	0	0
Single Family Housing	10.21	10.21	10.21	41.60	18.80	39.60	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.602700	0.040134	0.179939	0.104242	0.014985	0.005435	0.016642	0.024350	0.001934	0.001888	0.005938	0.000757	0.001056
City Park	0.602700	0.040134	0.179939	0.104242	0.014985	0.005435	0.016642	0.024350	0.001934	0.001888	0.005938	0.000757	0.001056
Condo/Townhouse	0.602700	0.040134	0.179939	0.104242	0.014985	0.005435	0.016642	0.024350	0.001934	0.001888	0.005938	0.000757	0.001056
Retirement Community	0.602700	0.040134	0.179939	0.104242	0.014985	0.005435	0.016642	0.024350	0.001934	0.001888	0.005938	0.000757	0.001056
Single Family Housing	0.602700	0.040134	0.179939	0.104242	0.014985	0.005435	0.016642	0.024350	0.001934	0.001888	0.005938	0.000757	0.001056

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	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	0.2138	1.8272	0.7775	0.0117		0.1477	0.1477		0.1477	0.1477		2,332.5638	2,332.5638	0.0447	0.0428	2,346.4250

NaturalGas Unmitigated	0.2138	1.8272	0.7775	0.0117		0.1477	0.1477		0.1477	0.1477		2,332.563 8	2,332.5638	0.0447	0.0428	2,346.425 0

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	4589.89	0.0495	0.4230	0.1800	2.7000e-003		0.0342	0.0342		0.0342	0.0342		539.9874	539.9874	0.0104	9.9000e-003	543.1963
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Retirement Community	2122.52	0.0229	0.1956	0.0832	1.2500e-003		0.0158	0.0158		0.0158	0.0158		249.7082	249.7082	4.7900e-003	4.5800e-003	251.1921
Single Family Housing	13114.4	0.1414	1.2086	0.5143	7.7100e-003		0.0977	0.0977		0.0977	0.0977		1,542.8681	1,542.8681	0.0296	0.0283	1,552.0366
Total		0.2138	1.8272	0.7775	0.0117		0.1477	0.1477		0.1477	0.1477		2,332.5637	2,332.5637	0.0447	0.0428	2,346.4250

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	4.58989	0.0495	0.4230	0.1800	2.7000e-003		0.0342	0.0342		0.0342	0.0342		539.9874	539.9874	0.0104	9.9000e-003	543.1963
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

Retirement Community	2.12252	0.0229	0.1956	0.0832	1.2500e-003		0.0158	0.0158		0.0158	0.0158		249.7082	249.7082	4.7900e-003	4.5800e-003	251.1921
Single Family Housing	13.1144	0.1414	1.2086	0.5143	7.7100e-003		0.0977	0.0977		0.0977	0.0977		1,542.8681	1,542.8681	0.0296	0.0283	1,552.0366
Total		0.2138	1.8272	0.7775	0.0117		0.1477	0.1477		0.1477	0.1477		2,332.5637	2,332.5637	0.0447	0.0428	2,346.4250

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	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	12.3045	5.0818	28.4415	0.0319		0.5324	0.5324		0.5324	0.5324	0.0000	6,146.3652	6,146.3652	0.1626	0.1118	6,183.7506
Unmitigated	12.3045	5.0818	28.4415	0.0319		0.5324	0.5324		0.5324	0.5324	0.0000	6,146.3652	6,146.3652	0.1626	0.1118	6,183.7506

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	1.0142					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	9.9355					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.5591	4.7774	2.0329	0.0305		0.3863	0.3863		0.3863	0.3863	0.0000	6,098.8235	6,098.8235	0.1169	0.1118	6,135.0658
Landscaping	0.7957	0.3044	26.4086	1.3900e-003		0.1462	0.1462		0.1462	0.1462		47.5417	47.5417	0.0457		48.6848
Total	12.3045	5.0818	28.4415	0.0319		0.5324	0.5324		0.5324	0.5324	0.0000	6,146.3652	6,146.3652	0.1626	0.1118	6,183.7506

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	1.0142					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	9.9355					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.5591	4.7774	2.0329	0.0305		0.3863	0.3863		0.3863	0.3863	0.0000	6,098.8235	6,098.8235	0.1169	0.1118	6,135.0658
Landscaping	0.7957	0.3044	26.4086	1.3900e-003		0.1462	0.1462		0.1462	0.1462		47.5417	47.5417	0.0457		48.6848
Total	12.3045	5.0818	28.4415	0.0319		0.5324	0.5324		0.5324	0.5324	0.0000	6,146.3652	6,146.3652	0.1626	0.1118	6,183.7506

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

Newland Sierra - Operation 2024
San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	3.80	Acre	3.80	165,528.00	0
Other Asphalt Surfaces	12.20	Acre	12.20	531,432.00	0
Condo/Townhouse	97.00	Dwelling Unit	6.06	97,000.00	277
Retirement Community	31.00	Dwelling Unit	6.20	31,000.00	89
Single Family Housing	198.00	Dwelling Unit	64.29	356,400.00	566

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2024
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	536.36	CH4 Intensity (lb/MW hr)	0.022	N2O Intensity (lb/MW hr)	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - 2020 RPS - intensity factors

Land Use - land uses per SP

Vehicle Trips - trip rates per LLG 2016

Woodstoves - no wood burning stoves

Area Coating - SDAPCD Rule 67.0.1

Energy Use - default energy use nat gas

Water And Wastewater - water demand per GSI study

Solid Waste - golf course = park

Waste Mitigation - 25% diversion

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	50
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	50
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	0
tblEnergyUse	LightingElect	1,001.10	0.00
tblEnergyUse	LightingElect	1,001.10	0.00
tblEnergyUse	LightingElect	1,608.84	0.00
tblEnergyUse	NT24E	4,109.59	0.00
tblEnergyUse	NT24E	3,418.36	0.00
tblEnergyUse	NT24E	6,680.41	0.00
tblEnergyUse	T24E	257.33	0.00
tblEnergyUse	T24E	307.62	0.00
tblEnergyUse	T24E	374.93	0.00
tblFireplaces	NumberGas	53.35	87.30
tblFireplaces	NumberGas	17.05	27.90
tblFireplaces	NumberGas	108.90	178.20
tblFireplaces	NumberWood	33.95	0.00
tblFireplaces	NumberWood	10.85	0.00
tblFireplaces	NumberWood	69.30	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.022
tblProjectCharacteristics	CO2IntensityFactor	720.49	536.36
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblProjectCharacteristics	OperationalYear	2018	2024
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural

tblSequestration	NumberOfNewTrees	0.00	4,492.00
tblVehicleTrips	CC_TL	6.60	10.21
tblVehicleTrips	CC_TL	6.60	10.21
tblVehicleTrips	CNW_TL	6.60	10.21
tblVehicleTrips	CNW_TL	6.60	10.21
tblVehicleTrips	CW_TL	14.70	10.21
tblVehicleTrips	CW_TL	14.70	10.21
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	HO_TL	7.90	10.21
tblVehicleTrips	HO_TL	7.90	10.21
tblVehicleTrips	HO_TL	7.90	10.21
tblVehicleTrips	HS_TL	7.10	10.21
tblVehicleTrips	HS_TL	7.10	10.21
tblVehicleTrips	HS_TL	7.10	10.21
tblVehicleTrips	HW_TL	16.80	10.21
tblVehicleTrips	HW_TL	16.80	10.21
tblVehicleTrips	HW_TL	16.80	10.21
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	ST_TR	22.75	5.00
tblVehicleTrips	ST_TR	5.67	8.00

tblVehicleTrips	ST_TR	2.03	4.00
tblVehicleTrips	ST_TR	9.91	10.00
tblVehicleTrips	SU_TR	16.74	5.00
tblVehicleTrips	SU_TR	4.84	8.00
tblVehicleTrips	SU_TR	1.95	4.00
tblVehicleTrips	SU_TR	8.62	10.00
tblVehicleTrips	WD_TR	1.89	5.00
tblVehicleTrips	WD_TR	5.81	8.00
tblVehicleTrips	WD_TR	2.40	4.00
tblVehicleTrips	WD_TR	9.52	10.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	IndoorWaterUseRate	6,319,940.49	18,266,772.59
tblWater	IndoorWaterUseRate	2,019,774.79	18,266,772.59
tblWater	IndoorWaterUseRate	12,900,497.07	81,960,650.33
tblWater	OutdoorWaterUseRate	4,527,629.13	10,952,403.00
tblWater	OutdoorWaterUseRate	3,984,310.31	11,516,008.81
tblWater	OutdoorWaterUseRate	1,273,336.28	11,516,008.81
tblWater	OutdoorWaterUseRate	8,132,922.07	51,670,844.77
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00

tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWoodstoves	NumberCatalytic	4.85	0.00
tblWoodstoves	NumberCatalytic	1.55	0.00
tblWoodstoves	NumberCatalytic	9.90	0.00
tblWoodstoves	NumberNoncatalytic	4.85	0.00
tblWoodstoves	NumberNoncatalytic	1.55	0.00
tblWoodstoves	NumberNoncatalytic	9.90	0.00

2.0 Emissions Summary

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	13.0195	5.1768	28.9568	0.0325		0.5425	0.5425		0.5425	0.5425	0.0000	6,261.6080	6,261.6080	0.1656	0.1139	6,299.6917
Energy	0.2288	1.9554	0.8321	0.0125		0.1581	0.1581		0.1581	0.1581		2,496.2087	2,496.2087	0.0478	0.0458	2,511.0424
Mobile	4.7264	18.1575	62.3119	0.2415	22.8412	0.1774	23.0186	6.1038	0.1651	6.2690		24,590.7198	24,590.7198	1.1447		24,619.3366
Total	17.9747	25.2897	92.1008	0.2865	22.8412	0.8780	23.7192	6.1038	0.8657	6.9696	0.0000	33,348.5365	33,348.5365	1.3581	0.1597	33,430.0707

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	13.0195	5.1768	28.9568	0.0325		0.5425	0.5425		0.5425	0.5425	0.0000	6,261.6080	6,261.6080	0.1656	0.1139	6,299.6917
Energy	0.2288	1.9554	0.8321	0.0125		0.1581	0.1581		0.1581	0.1581		2,496.2087	2,496.2087	0.0478	0.0458	2,511.0424
Mobile	4.7264	18.1575	62.3119	0.2415	22.8412	0.1774	23.0186	6.1038	0.1651	6.2690		24,590.7198	24,590.7198	1.1447		24,619.3366
Total	17.9747	25.2897	92.1008	0.2865	22.8412	0.8780	23.7192	6.1038	0.8657	6.9696	0.0000	33,348.5365	33,348.5365	1.3581	0.1597	33,430.0707

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	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

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	4.7264	18.1575	62.3119	0.2415	22.8412	0.1774	23.0186	6.1038	0.1651	6.2690		24,590.7198	24,590.7198	1.1447		24,619.3366
Unmitigated	4.7264	18.1575	62.3119	0.2415	22.8412	0.1774	23.0186	6.1038	0.1651	6.2690		24,590.7198	24,590.7198	1.1447		24,619.3366

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	19.00	19.00	19.00	70,612	70,612
Condo/Townhouse	776.00	776.00	776.00	2,883,957	2,883,957
Other Asphalt Surfaces	0.00	0.00	0.00		
Retirement Community	124.00	124.00	124.00	460,839	460,839
Single Family Housing	1,980.00	1,980.00	1980.00	7,358,551	7,358,551

Total	2,899.00	2,899.00	2,899.00	10,773,960	10,773,960

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	10.21	10.21	10.21	33.00	48.00	19.00	100	0	0
Condo/Townhouse	10.21	10.21	10.21	41.60	18.80	39.60	100	0	0
Other Asphalt Surfaces	10.21	10.21	10.21	0.00	0.00	0.00	0	0	0
Retirement Community	10.21	10.21	10.21	41.60	18.80	39.60	100	0	0
Single Family Housing	10.21	10.21	10.21	41.60	18.80	39.60	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.606234	0.039465	0.179154	0.102641	0.014368	0.005395	0.016820	0.024508	0.001929	0.001857	0.005869	0.000761	0.000998
Other Asphalt Surfaces	0.606234	0.039465	0.179154	0.102641	0.014368	0.005395	0.016820	0.024508	0.001929	0.001857	0.005869	0.000761	0.000998
Condo/Townhouse	0.606234	0.039465	0.179154	0.102641	0.014368	0.005395	0.016820	0.024508	0.001929	0.001857	0.005869	0.000761	0.000998
Retirement Community	0.606234	0.039465	0.179154	0.102641	0.014368	0.005395	0.016820	0.024508	0.001929	0.001857	0.005869	0.000761	0.000998
Single Family Housing	0.606234	0.039465	0.179154	0.102641	0.014368	0.005395	0.016820	0.024508	0.001929	0.001857	0.005869	0.000761	0.000998

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	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	0.2288	1.9554	0.8321	0.0125		0.1581	0.1581		0.1581	0.1581		2,496.2087	2,496.2087	0.0478	0.0458	2,511.0424

NaturalGas Unmitigated	0.2288	1.9554	0.8321	0.0125		0.1581	0.1581		0.1581	0.1581		2,496.208 7	2,496.2087	0.0478	0.0458	2,511.042 4

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	4543.06	0.0490	0.4187	0.1782	2.6700e-003		0.0339	0.0339		0.0339	0.0339		534.4774	534.4774	0.0102	9.8000e-003	537.6535
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Retirement Community	1218.48	0.0131	0.1123	0.0478	7.2000e-004		9.0800e-003	9.0800e-003		9.0800e-003	9.0800e-003		143.3510	143.3510	2.7500e-003	2.6300e-003	144.2029
Single Family Housing	15456.2	0.1667	1.4244	0.6061	9.0900e-003		0.1152	0.1152		0.1152	0.1152		1,818.3803	1,818.3803	0.0349	0.0333	1,829.1860
Total		0.2288	1.9554	0.8321	0.0125		0.1581	0.1581		0.1581	0.1581		2,496.2087	2,496.2087	0.0478	0.0458	2,511.0424

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	4.54306	0.0490	0.4187	0.1782	2.6700e-003		0.0339	0.0339		0.0339	0.0339		534.4774	534.4774	0.0102	9.8000e-003	537.6535
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

Retirement Community	1.21848	0.0131	0.1123	0.0478	7.2000e-004		9.0800e-003	9.0800e-003		9.0800e-003	9.0800e-003		143.3510	143.3510	2.7500e-003	2.6300e-003	144.2029
Single Family Housing	15.4562	0.1667	1.4244	0.6061	9.0900e-003		0.1152	0.1152		0.1152	0.1152		1,818.3803	1,818.3803	0.0349	0.0333	1,829.1860
Total		0.2288	1.9554	0.8321	0.0125		0.1581	0.1581		0.1581	0.1581		2,496.2087	2,496.2087	0.0478	0.0458	2,511.0424

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	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	13.0195	5.1768	28.9568	0.0325		0.5425	0.5425		0.5425	0.5425	0.0000	6,261.6080	6,261.6080	0.1656	0.1139	6,299.6917
Unmitigated	13.0195	5.1768	28.9568	0.0325		0.5425	0.5425		0.5425	0.5425	0.0000	6,261.6080	6,261.6080	0.1656	0.1139	6,299.6917

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	1.0785					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	10.5629					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.5695	4.8670	2.0711	0.0311		0.3935	0.3935		0.3935	0.3935	0.0000	6,213.1765	6,213.1765	0.1191	0.1139	6,250.0983
Landscaping	0.8085	0.3098	26.8857	1.4200e-003		0.1490	0.1490		0.1490	0.1490		48.4316	48.4316	0.0465		49.5934
Total	13.0195	5.1768	28.9568	0.0325		0.5425	0.5425		0.5425	0.5425	0.0000	6,261.6080	6,261.6080	0.1656	0.1139	6,299.6917

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	1.0785					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	10.5629					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.5695	4.8670	2.0711	0.0311		0.3935	0.3935		0.3935	0.3935	0.0000	6,213.1765	6,213.1765	0.1191	0.1139	6,250.0983
Landscaping	0.8085	0.3098	26.8857	1.4200e-003		0.1490	0.1490		0.1490	0.1490		48.4316	48.4316	0.0465		49.5934
Total	13.0195	5.1768	28.9568	0.0325		0.5425	0.5425		0.5425	0.5425	0.0000	6,261.6080	6,261.6080	0.1656	0.1139	6,299.6917

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

Newland Sierra - Operation 2025
San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	2.30	Acre	2.30	100,188.00	0
Other Asphalt Surfaces	12.20	Acre	12.20	531,432.00	0
Condo/Townhouse	128.00	Dwelling Unit	8.00	128,000.00	366
Retirement Community	27.00	Dwelling Unit	5.40	27,000.00	77
Single Family Housing	154.00	Dwelling Unit	50.00	277,200.00	440

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2025
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	536.36	CH4 Intensity (lb/MW hr)	0.022	N2O Intensity (lb/MW hr)	0.005

1.3 User Entered Comments & Non-Default Data

- Project Characteristics - 2020 RPS - intensity factors
- Land Use - land uses per SP
- Vehicle Trips - trip rates per LLG 2016
- Woodstoves - no wood burning stoves
- Area Coating - SDAPCD Rule 67.0.1
- Energy Use - default energy use nat gas

Water And Wastewater - water demand per GSI study

Solid Waste - golf course = park

Waste Mitigation - 25% diversion

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	50
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	50
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	0
tblEnergyUse	LightingElect	1,001.10	0.00
tblEnergyUse	LightingElect	1,001.10	0.00
tblEnergyUse	LightingElect	1,608.84	0.00
tblEnergyUse	NT24E	4,109.59	0.00
tblEnergyUse	NT24E	3,418.36	0.00
tblEnergyUse	NT24E	6,680.41	0.00
tblEnergyUse	T24E	257.33	0.00
tblEnergyUse	T24E	307.62	0.00
tblEnergyUse	T24E	374.93	0.00
tblFireplaces	NumberGas	70.40	115.20
tblFireplaces	NumberGas	14.85	24.30
tblFireplaces	NumberGas	84.70	138.60
tblFireplaces	NumberWood	44.80	0.00
tblFireplaces	NumberWood	9.45	0.00
tblFireplaces	NumberWood	53.90	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.022
tblProjectCharacteristics	CO2IntensityFactor	720.49	536.36
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblProjectCharacteristics	OperationalYear	2018	2025

tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSequestration	NumberOfNewTrees	0.00	4,492.00
tblVehicleTrips	CC_TL	6.60	10.21
tblVehicleTrips	CC_TL	6.60	10.21
tblVehicleTrips	CNW_TL	6.60	10.21
tblVehicleTrips	CNW_TL	6.60	10.21
tblVehicleTrips	CW_TL	14.70	10.21
tblVehicleTrips	CW_TL	14.70	10.21
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	HO_TL	7.90	10.21
tblVehicleTrips	HO_TL	7.90	10.21
tblVehicleTrips	HO_TL	7.90	10.21
tblVehicleTrips	HS_TL	7.10	10.21
tblVehicleTrips	HS_TL	7.10	10.21
tblVehicleTrips	HS_TL	7.10	10.21
tblVehicleTrips	HW_TL	16.80	10.21
tblVehicleTrips	HW_TL	16.80	10.21
tblVehicleTrips	HW_TL	16.80	10.21
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	ST_TR	22.75	5.00

tblVehicleTrips	ST_TR	5.67	8.00
tblVehicleTrips	ST_TR	2.03	4.00
tblVehicleTrips	ST_TR	9.91	10.00
tblVehicleTrips	SU_TR	16.74	5.00
tblVehicleTrips	SU_TR	4.84	8.00
tblVehicleTrips	SU_TR	1.95	4.00
tblVehicleTrips	SU_TR	8.62	10.00
tblVehicleTrips	WD_TR	1.89	5.00
tblVehicleTrips	WD_TR	5.81	8.00
tblVehicleTrips	WD_TR	2.40	4.00
tblVehicleTrips	WD_TR	9.52	10.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	IndoorWaterUseRate	8,339,715.28	18,266,772.59
tblWater	IndoorWaterUseRate	1,759,158.69	18,266,772.59
tblWater	IndoorWaterUseRate	10,033,719.95	81,960,650.33
tblWater	OutdoorWaterUseRate	2,740,407.10	10,952,403.00
tblWater	OutdoorWaterUseRate	5,257,646.59	11,516,008.81
tblWater	OutdoorWaterUseRate	1,109,034.83	11,516,008.81
tblWater	OutdoorWaterUseRate	6,325,606.05	51,670,844.77
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00

tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWoodstoves	NumberCatalytic	6.40	0.00
tblWoodstoves	NumberCatalytic	1.35	0.00
tblWoodstoves	NumberCatalytic	7.70	0.00
tblWoodstoves	NumberNoncatalytic	6.40	0.00
tblWoodstoves	NumberNoncatalytic	1.35	0.00
tblWoodstoves	NumberNoncatalytic	7.70	0.00

2.0 Emissions Summary

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	11.7138	4.9066	27.4333	0.0308		0.5143	0.5143		0.5143	0.5143	0.0000	5,935.0823	5,935.0823	0.1568	0.1080	5,971.1779
Energy	0.2057	1.7581	0.7482	0.0112		0.1422	0.1422		0.1422	0.1422		2,244.4396	2,244.4396	0.0430	0.0412	2,257.7772
Mobile	4.1668	16.1242	54.5459	0.2157	21.1411	0.1599	21.3009	5.6491	0.1487	5.7978		21,990.0159	21,990.0159	1.0162		22,015.4208
Total	16.0863	22.7890	82.7273	0.2578	21.1411	0.8163	21.9574	5.6491	0.8051	6.4542	0.0000	30,169.5378	30,169.5378	1.2161	0.1491	30,244.3759

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	11.7138	4.9066	27.4333	0.0308		0.5143	0.5143		0.5143	0.5143	0.0000	5,935.0823	5,935.0823	0.1568	0.1080	5,971.1779
Energy	0.2057	1.7581	0.7482	0.0112		0.1422	0.1422		0.1422	0.1422		2,244.4396	2,244.4396	0.0430	0.0412	2,257.7772
Mobile	4.1668	16.1242	54.5459	0.2157	21.1411	0.1599	21.3009	5.6491	0.1487	5.7978		21,990.0159	21,990.0159	1.0162		22,015.4208
Total	16.0863	22.7890	82.7273	0.2578	21.1411	0.8163	21.9574	5.6491	0.8051	6.4542	0.0000	30,169.5378	30,169.5378	1.2161	0.1491	30,244.3759

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	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

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	4.1668	16.1242	54.5459	0.2157	21.1411	0.1599	21.3009	5.6491	0.1487	5.7978		21,990.0159	21,990.0159	1.0162		22,015.4208
Unmitigated	4.1668	16.1242	54.5459	0.2157	21.1411	0.1599	21.3009	5.6491	0.1487	5.7978		21,990.0159	21,990.0159	1.0162		22,015.4208

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	11.50	11.50	11.50	42,739	42,739
Condo/Townhouse	1,024.00	1,024.00	1,024.00	3,805,635	3,805,635
Other Asphalt Surfaces	0.00	0.00	0.00		

Retirement Community	108.00	108.00	108.00	401,376	401,376
Single Family Housing	1,540.00	1,540.00	1540.00	5,723,318	5,723,318
Total	2,683.50	2,683.50	2,683.50	9,973,067	9,973,067

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	10.21	10.21	10.21	33.00	48.00	19.00	100	0	0
Condo/Townhouse	10.21	10.21	10.21	41.60	18.80	39.60	100	0	0
Other Asphalt Surfaces	10.21	10.21	10.21	0.00	0.00	0.00	0	0	0
Retirement Community	10.21	10.21	10.21	41.60	18.80	39.60	100	0	0
Single Family Housing	10.21	10.21	10.21	41.60	18.80	39.60	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.609162	0.038894	0.178600	0.101308	0.013823	0.005356	0.016956	0.024628	0.001928	0.001823	0.005807	0.000764	0.000950
Other Asphalt Surfaces	0.609162	0.038894	0.178600	0.101308	0.013823	0.005356	0.016956	0.024628	0.001928	0.001823	0.005807	0.000764	0.000950
Condo/Townhouse	0.609162	0.038894	0.178600	0.101308	0.013823	0.005356	0.016956	0.024628	0.001928	0.001823	0.005807	0.000764	0.000950
Retirement Community	0.609162	0.038894	0.178600	0.101308	0.013823	0.005356	0.016956	0.024628	0.001928	0.001823	0.005807	0.000764	0.000950
Single Family Housing	0.609162	0.038894	0.178600	0.101308	0.013823	0.005356	0.016956	0.024628	0.001928	0.001823	0.005807	0.000764	0.000950

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	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	0.2057	1.7581	0.7482	0.0112		0.1422	0.1422		0.1422	0.1422		2,244.4396	2,244.4396	0.0430	0.0412	2,257.7772
NaturalGas Unmitigated	0.2057	1.7581	0.7482	0.0112		0.1422	0.1422		0.1422	0.1422		2,244.4396	2,244.4396	0.0430	0.0412	2,257.7772

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	5994.96	0.0647	0.5525	0.2351	3.5300e-003		0.0447	0.0447		0.0447	0.0447		705.2897	705.2897	0.0135	0.0129	709.4809
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Retirement Community	1061.26	0.0114	0.0978	0.0416	6.2000e-004		7.9100e-003	7.9100e-003		7.9100e-003	7.9100e-003		124.8541	124.8541	2.3900e-003	2.2900e-003	125.5960
Single Family Housing	12021.5	0.1296	1.1079	0.4714	7.0700e-003		0.0896	0.0896		0.0896	0.0896		1,414.2958	1,414.2958	0.0271	0.0259	1,422.7003
Total		0.2057	1.7582	0.7482	0.0112		0.1422	0.1422		0.1422	0.1422		2,244.4396	2,244.4396	0.0430	0.0412	2,257.7772

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	5.99496	0.0647	0.5525	0.2351	3.5300e-003		0.0447	0.0447		0.0447	0.0447		705.2897	705.2897	0.0135	0.0129	709.4809

Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Retirement Community	1.06126	0.0114	0.0978	0.0416	6.2000e-004		7.9100e-003	7.9100e-003		7.9100e-003	7.9100e-003		124.8541	124.8541	2.3900e-003	2.2900e-003	125.5960
Single Family Housing	12.0215	0.1296	1.1079	0.4714	7.0700e-003		0.0896	0.0896		0.0896	0.0896		1,414.2958	1,414.2958	0.0271	0.0259	1,422.7003
Total		0.2057	1.7582	0.7482	0.0112		0.1422	0.1422		0.1422	0.1422		2,244.4396	2,244.4396	0.0430	0.0412	2,257.7772

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	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	11.7138	4.9066	27.4333	0.0308		0.5143	0.5143		0.5143	0.5143	0.0000	5,935.0823	5,935.0823	0.1568	0.1080	5,971.1779
Unmitigated	11.7138	4.9066	27.4333	0.0308		0.5143	0.5143		0.5143	0.5143	0.0000	5,935.0823	5,935.0823	0.1568	0.1080	5,971.1779

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	0.9667					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	9.4425					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.5398	4.6132	1.9631	0.0295		0.3730	0.3730		0.3730	0.3730	0.0000	5,889.1765	5,889.1765	0.1129	0.1080	5,924.1729
Landscaping	0.7648	0.2934	25.4702	1.3500e-003		0.1413	0.1413		0.1413	0.1413		45.9058	45.9058	0.0440		47.0050
Total	11.7138	4.9066	27.4333	0.0308		0.5143	0.5143		0.5143	0.5143	0.0000	5,935.0823	5,935.0823	0.1569	0.1080	5,971.1779

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	0.9667					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	9.4425					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.5398	4.6132	1.9631	0.0295		0.3730	0.3730		0.3730	0.3730	0.0000	5,889.1765	5,889.1765	0.1129	0.1080	5,924.1729
Landscaping	0.7648	0.2934	25.4702	1.3500e-003		0.1413	0.1413		0.1413	0.1413		45.9058	45.9058	0.0440		47.0050
Total	11.7138	4.9066	27.4333	0.0308		0.5143	0.5143		0.5143	0.5143	0.0000	5,935.0823	5,935.0823	0.1569	0.1080	5,971.1779

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

Newland Sierra - Operation 2026
San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	12.50	Acre	12.50	544,500.00	0
Other Asphalt Surfaces	12.20	Acre	12.20	531,432.00	0
Condo/Townhouse	206.00	Dwelling Unit	12.88	206,000.00	589
Retirement Community	50.00	Dwelling Unit	10.00	50,000.00	143
Single Family Housing	88.00	Dwelling Unit	28.57	158,400.00	252

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2026
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	536.36	CH4 Intensity (lb/MW hr)	0.022	N2O Intensity (lb/MW hr)	0.005

1.3 User Entered Comments & Non-Default Data

- Project Characteristics - 2020 RPS - intensity factors
- Land Use - land uses per SP
- Vehicle Trips - trip rates per LLG 2016
- Woodstoves - no wood burning stoves
- Area Coating - SDAPCD Rule 67.0.1
- Energy Use - default energy use nat gas

Water And Wastewater - water demand per GSI study

Solid Waste - golf course = park

Waste Mitigation - 25% diversion

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	50
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	50
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	0
tblEnergyUse	LightingElect	1,001.10	0.00
tblEnergyUse	LightingElect	1,001.10	0.00
tblEnergyUse	LightingElect	1,608.84	0.00
tblEnergyUse	NT24E	4,109.59	0.00
tblEnergyUse	NT24E	3,418.36	0.00
tblEnergyUse	NT24E	6,680.41	0.00
tblEnergyUse	T24E	257.33	0.00
tblEnergyUse	T24E	307.62	0.00
tblEnergyUse	T24E	374.93	0.00
tblFireplaces	NumberGas	113.30	185.40
tblFireplaces	NumberGas	27.50	45.00
tblFireplaces	NumberGas	48.40	79.20
tblFireplaces	NumberWood	72.10	0.00
tblFireplaces	NumberWood	17.50	0.00
tblFireplaces	NumberWood	30.80	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.022
tblProjectCharacteristics	CO2IntensityFactor	720.49	536.36
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblProjectCharacteristics	OperationalYear	2018	2026

tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSequestration	NumberOfNewTrees	0.00	4,492.00
tblVehicleTrips	CC_TL	6.60	10.21
tblVehicleTrips	CC_TL	6.60	10.21
tblVehicleTrips	CNW_TL	6.60	10.21
tblVehicleTrips	CNW_TL	6.60	10.21
tblVehicleTrips	CW_TL	14.70	10.21
tblVehicleTrips	CW_TL	14.70	10.21
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	HO_TL	7.90	10.21
tblVehicleTrips	HO_TL	7.90	10.21
tblVehicleTrips	HO_TL	7.90	10.21
tblVehicleTrips	HS_TL	7.10	10.21
tblVehicleTrips	HS_TL	7.10	10.21
tblVehicleTrips	HS_TL	7.10	10.21
tblVehicleTrips	HW_TL	16.80	10.21
tblVehicleTrips	HW_TL	16.80	10.21
tblVehicleTrips	HW_TL	16.80	10.21
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	ST_TR	22.75	5.00

tblVehicleTrips	ST_TR	5.67	8.00
tblVehicleTrips	ST_TR	2.03	4.00
tblVehicleTrips	ST_TR	9.91	10.00
tblVehicleTrips	SU_TR	16.74	5.00
tblVehicleTrips	SU_TR	4.84	8.00
tblVehicleTrips	SU_TR	1.95	4.00
tblVehicleTrips	SU_TR	8.62	10.00
tblVehicleTrips	WD_TR	1.89	5.00
tblVehicleTrips	WD_TR	5.81	8.00
tblVehicleTrips	WD_TR	2.40	4.00
tblVehicleTrips	WD_TR	9.52	10.00
tblWoodstoves	NumberCatalytic	10.30	0.00
tblWoodstoves	NumberCatalytic	2.50	0.00
tblWoodstoves	NumberCatalytic	4.40	0.00
tblWoodstoves	NumberNoncatalytic	10.30	0.00
tblWoodstoves	NumberNoncatalytic	2.50	0.00
tblWoodstoves	NumberNoncatalytic	4.40	0.00

2.0 Emissions Summary

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	11.4655	5.4623	30.5415	0.0343		0.5726	0.5726		0.5726	0.5726	0.0000	6,607.3427	6,607.3427	0.1746	0.1202	6,647.5269
Energy	0.1993	1.7033	0.7248	0.0109		0.1377	0.1377		0.1377	0.1377		2,174.4559	2,174.4559	0.0417	0.0399	2,187.3776

Mobile	4.1509	16.1588	54.0900	0.2175	21.9826	0.1594	22.1420	5.8737	0.1482	6.0219		22,185.3098	22,185.3098	1.0205		22,210.8235
Total	15.8157	23.3244	85.3563	0.2626	21.9826	0.8697	22.8523	5.8737	0.8585	6.7322	0.0000	30,967.1084	30,967.1084	1.2368	0.1601	31,045.7279

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	11.4655	5.4623	30.5415	0.0343		0.5726	0.5726		0.5726	0.5726	0.0000	6,607.3427	6,607.3427	0.1746	0.1202	6,647.5269
Energy	0.1993	1.7033	0.7248	0.0109		0.1377	0.1377		0.1377	0.1377		2,174.4559	2,174.4559	0.0417	0.0399	2,187.3776
Mobile	4.1509	16.1588	54.0900	0.2175	21.9826	0.1594	22.1420	5.8737	0.1482	6.0219		22,185.3098	22,185.3098	1.0205		22,210.8235
Total	15.8157	23.3244	85.3563	0.2626	21.9826	0.8697	22.8523	5.8737	0.8585	6.7322	0.0000	30,967.1084	30,967.1084	1.2368	0.1601	31,045.7279

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	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

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	4.1509	16.1588	54.0900	0.2175	21.9826	0.1594	22.1420	5.8737	0.1482	6.0219		22,185.3098	22,185.3098	1.0205		22,210.8235
Unmitigated	4.1509	16.1588	54.0900	0.2175	21.9826	0.1594	22.1420	5.8737	0.1482	6.0219		22,185.3098	22,185.3098	1.0205		22,210.8235

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	62.50	62.50	62.50	232,278	232,278
Condo/Townhouse	1,648.00	1,648.00	1648.00	6,124,693	6,124,693
Other Asphalt Surfaces	0.00	0.00	0.00		
Retirement Community	200.00	200.00	200.00	743,288	743,288
Single Family Housing	880.00	880.00	880.00	3,270,467	3,270,467
Total	2,790.50	2,790.50	2,790.50	10,370,726	10,370,726

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	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
City Park	10.21	10.21	10.21	33.00	48.00	19.00	100	0	0
Condo/Townhouse	10.21	10.21	10.21	41.60	18.80	39.60	100	0	0
Other Asphalt Surfaces	10.21	10.21	10.21	0.00	0.00	0.00	0	0	0
Retirement Community	10.21	10.21	10.21	41.60	18.80	39.60	100	0	0
Single Family Housing	10.21	10.21	10.21	41.60	18.80	39.60	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.611343	0.038414	0.178161	0.100214	0.013382	0.005338	0.017151	0.024839	0.001931	0.001783	0.005765	0.000770	0.000908
Other Asphalt Surfaces	0.611343	0.038414	0.178161	0.100214	0.013382	0.005338	0.017151	0.024839	0.001931	0.001783	0.005765	0.000770	0.000908
Condo/Townhouse	0.611343	0.038414	0.178161	0.100214	0.013382	0.005338	0.017151	0.024839	0.001931	0.001783	0.005765	0.000770	0.000908
Retirement Community	0.611343	0.038414	0.178161	0.100214	0.013382	0.005338	0.017151	0.024839	0.001931	0.001783	0.005765	0.000770	0.000908
Single Family Housing	0.611343	0.038414	0.178161	0.100214	0.013382	0.005338	0.017151	0.024839	0.001931	0.001783	0.005765	0.000770	0.000908

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	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	0.1993	1.7033	0.7248	0.0109		0.1377	0.1377		0.1377	0.1377		2,174.4559	2,174.4559	0.0417	0.0399	2,187.3776
NaturalGas Unmitigated	0.1993	1.7033	0.7248	0.0109		0.1377	0.1377		0.1377	0.1377		2,174.4559	2,174.4559	0.0417	0.0399	2,187.3776

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	9648.14	0.1041	0.8891	0.3784	5.6800e-003		0.0719	0.0719		0.0719	0.0719		1,135.0756	1,135.0756	0.0218	0.0208	1,141.8208
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Retirement Community	1965.3	0.0212	0.1811	0.0771	1.1600e-003		0.0146	0.0146		0.0146	0.0146		231.2113	231.2113	4.4300e-003	4.2400e-003	232.5853
Single Family Housing	6869.44	0.0741	0.6331	0.2694	4.0400e-003		0.0512	0.0512		0.0512	0.0512		808.1690	808.1690	0.0155	0.0148	812.9716

Total		0.1993	1.7033	0.7248	0.0109		0.1377	0.1377		0.1377	0.1377		2,174.4559	2,174.4559	0.0417	0.0399	2,187.3776

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	9.64814	0.1041	0.8891	0.3784	5.6800e-003		0.0719	0.0719		0.0719	0.0719		1,135.0756	1,135.0756	0.0218	0.0208	1,141.8208
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Retirement Community	1.9653	0.0212	0.1811	0.0771	1.1600e-003		0.0146	0.0146		0.0146	0.0146		231.2113	231.2113	4.4300e-003	4.2400e-003	232.5853
Single Family Housing	6.86944	0.0741	0.6331	0.2694	4.0400e-003		0.0512	0.0512		0.0512	0.0512		808.1690	808.1690	0.0155	0.0148	812.9716
Total		0.1993	1.7033	0.7248	0.0109		0.1377	0.1377		0.1377	0.1377		2,174.4559	2,174.4559	0.0417	0.0399	2,187.3776

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	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	11.4655	5.4623	30.5415	0.0343		0.5726	0.5726		0.5726	0.5726	0.0000	6,607.3427	6,607.3427	0.1746	0.1202	6,647.5269
Unmitigated	11.4655	5.4623	30.5415	0.0343		0.5726	0.5726		0.5726	0.5726	0.0000	6,607.3427	6,607.3427	0.1746	0.1202	6,647.5269

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	0.9285					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	9.0845					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.6010	5.1357	2.1854	0.0328		0.4152	0.4152		0.4152	0.4152	0.0000	6,556.2353	6,556.2353	0.1257	0.1202	6,595.1957
Landscaping	0.8515	0.3266	28.3561	1.5000e-003		0.1573	0.1573		0.1573	0.1573		51.1074	51.1074	0.0490		52.3312
Total	11.4655	5.4623	30.5415	0.0343		0.5726	0.5726		0.5726	0.5726	0.0000	6,607.3427	6,607.3427	0.1746	0.1202	6,647.5269

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	0.9285					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	9.0845					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Hearth	0.6010	5.1357	2.1854	0.0328		0.4152	0.4152		0.4152	0.4152	0.0000	6,556.2353	6,556.2353	0.1257	0.1202	6,595.1957
Landscaping	0.8515	0.3266	28.3561	1.5000e-003		0.1573	0.1573		0.1573	0.1573		51.1074	51.1074	0.0490		52.3312
Total	11.4655	5.4623	30.5415	0.0343		0.5726	0.5726		0.5726	0.5726	0.0000	6,607.3427	6,607.3427	0.1746	0.1202	6,647.5269

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

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

Newland Sierra - Operation 2027
San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	5.70	Acre	5.70	248,292.00	0
Other Asphalt Surfaces	12.20	Acre	12.20	531,432.00	0
Condo/Townhouse	220.00	Dwelling Unit	13.75	220,000.00	629
Retirement Community	38.00	Dwelling Unit	7.60	38,000.00	109
Single Family Housing	54.00	Dwelling Unit	17.53	97,200.00	154

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2027
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	536.36	CH4 Intensity (lb/MW hr)	0.022	N2O Intensity (lb/MW hr)	0.005

1.3 User Entered Comments & Non-Default Data

- Project Characteristics - 2020 RPS - intensity factors
- Land Use - land uses per SP
- Vehicle Trips - trip rates per LLG 2016
- Woodstoves - no wood burning stoves
- Area Coating - SDAPCD Rule 67.0.1
- Energy Use - default energy use nat gas

Water And Wastewater - water demand per GSI study

Solid Waste - golf course = park

Waste Mitigation - 25% diversion

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	50
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	50
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	0
tblEnergyUse	LightingElect	1,001.10	0.00
tblEnergyUse	LightingElect	1,001.10	0.00
tblEnergyUse	LightingElect	1,608.84	0.00
tblEnergyUse	NT24E	4,109.59	0.00
tblEnergyUse	NT24E	3,418.36	0.00
tblEnergyUse	NT24E	6,680.41	0.00
tblEnergyUse	T24E	257.33	0.00
tblEnergyUse	T24E	307.62	0.00
tblEnergyUse	T24E	374.93	0.00
tblFireplaces	NumberGas	121.00	198.00
tblFireplaces	NumberGas	20.90	34.20
tblFireplaces	NumberGas	29.70	48.60
tblFireplaces	NumberWood	77.00	0.00
tblFireplaces	NumberWood	13.30	0.00
tblFireplaces	NumberWood	18.90	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.022
tblProjectCharacteristics	CO2IntensityFactor	720.49	536.36
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblProjectCharacteristics	OperationalYear	2018	2027

tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSequestration	NumberOfNewTrees	0.00	4,492.00
tblVehicleTrips	CC_TL	6.60	10.21
tblVehicleTrips	CC_TL	6.60	10.21
tblVehicleTrips	CNW_TL	6.60	10.21
tblVehicleTrips	CNW_TL	6.60	10.21
tblVehicleTrips	CW_TL	14.70	10.21
tblVehicleTrips	CW_TL	14.70	10.21
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	HO_TL	7.90	10.21
tblVehicleTrips	HO_TL	7.90	10.21
tblVehicleTrips	HO_TL	7.90	10.21
tblVehicleTrips	HS_TL	7.10	10.21
tblVehicleTrips	HS_TL	7.10	10.21
tblVehicleTrips	HS_TL	7.10	10.21
tblVehicleTrips	HW_TL	16.80	10.21
tblVehicleTrips	HW_TL	16.80	10.21
tblVehicleTrips	HW_TL	16.80	10.21
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	ST_TR	22.75	5.00

tblVehicleTrips	ST_TR	5.67	8.00
tblVehicleTrips	ST_TR	2.03	4.00
tblVehicleTrips	ST_TR	9.91	10.00
tblVehicleTrips	SU_TR	16.74	5.00
tblVehicleTrips	SU_TR	4.84	8.00
tblVehicleTrips	SU_TR	1.95	4.00
tblVehicleTrips	SU_TR	8.62	10.00
tblVehicleTrips	WD_TR	1.89	5.00
tblVehicleTrips	WD_TR	5.81	8.00
tblVehicleTrips	WD_TR	2.40	4.00
tblVehicleTrips	WD_TR	9.52	10.00
tblWoodstoves	NumberCatalytic	11.00	0.00
tblWoodstoves	NumberCatalytic	1.90	0.00
tblWoodstoves	NumberCatalytic	2.70	0.00
tblWoodstoves	NumberNoncatalytic	11.00	0.00
tblWoodstoves	NumberNoncatalytic	1.90	0.00
tblWoodstoves	NumberNoncatalytic	2.70	0.00

2.0 Emissions Summary

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	9.9213	4.9542	27.7000	0.0311		0.5193	0.5193		0.5193	0.5193	0.0000	5,992.7052	5,992.7052	0.1584	0.1090	6,029.1512
Energy	0.1727	1.4757	0.6280	9.4200e-003		0.1193	0.1193		0.1193	0.1193		1,883.8591	1,883.8591	0.0361	0.0345	1,895.0540

Mobile	3.5433	13.8820	46.0521	0.1879	19.5393	0.1340	19.6733	5.2206	0.1245	5.3451		19,185.7070	19,185.7070	0.8790		19,207.6821
Total	13.6373	20.3119	74.3800	0.2284	19.5393	0.7726	20.3119	5.2206	0.7631	5.9837	0.0000	27,062.2713	27,062.2713	1.0735	0.1436	27,131.8873

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	9.9213	4.9542	27.7000	0.0311		0.5193	0.5193		0.5193	0.5193	0.0000	5,992.7052	5,992.7052	0.1584	0.1090	6,029.1512
Energy	0.1727	1.4757	0.6280	9.4200e-003		0.1193	0.1193		0.1193	0.1193		1,883.8591	1,883.8591	0.0361	0.0345	1,895.0540
Mobile	3.5433	13.8820	46.0521	0.1879	19.5393	0.1340	19.6733	5.2206	0.1245	5.3451		19,185.7070	19,185.7070	0.8790		19,207.6821
Total	13.6373	20.3119	74.3800	0.2284	19.5393	0.7726	20.3119	5.2206	0.7631	5.9837	0.0000	27,062.2713	27,062.2713	1.0735	0.1436	27,131.8873

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	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

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	3.5433	13.8820	46.0521	0.1879	19.5393	0.1340	19.6733	5.2206	0.1245	5.3451		19,185.7070	19,185.7070	0.8790		19,207.6821

Unmitigated	3.5433	13.8820	46.0521	0.1879	19.5393	0.1340	19.6733	5.2206	0.1245	5.3451		19,185.70	19,185.707	0.8790		19,207.68
												70	0			21

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	28.50	28.50	28.50	105,919	105,919
Condo/Townhouse	1,760.00	1,760.00	1760.00	6,540,934	6,540,934
Other Asphalt Surfaces	0.00	0.00	0.00		
Retirement Community	152.00	152.00	152.00	564,899	564,899
Single Family Housing	540.00	540.00	540.00	2,006,878	2,006,878
Total	2,480.50	2,480.50	2,480.50	9,218,629	9,218,629

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	10.21	10.21	10.21	33.00	48.00	19.00	100	0	0
Condo/Townhouse	10.21	10.21	10.21	41.60	18.80	39.60	100	0	0
Other Asphalt Surfaces	10.21	10.21	10.21	0.00	0.00	0.00	0	0	0
Retirement Community	10.21	10.21	10.21	41.60	18.80	39.60	100	0	0
Single Family Housing	10.21	10.21	10.21	41.60	18.80	39.60	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
Other Asphalt Surfaces	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
Condo/Townhouse	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
Retirement Community	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
Single Family Housing	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	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	0.1727	1.4757	0.6280	9.4200e-003		0.1193	0.1193		0.1193	0.1193		1,883.8591	1,883.8591	0.0361	0.0345	1,895.0540
NaturalGas Unmitigated	0.1727	1.4757	0.6280	9.4200e-003		0.1193	0.1193		0.1193	0.1193		1,883.8591	1,883.8591	0.0361	0.0345	1,895.0540

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	10303.8	0.1111	0.9496	0.4041	6.0600e-003		0.0768	0.0768		0.0768	0.0768		1,212.2167	1,212.2167	0.0232	0.0222	1,219.4203
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Retirement Community	1493.62	0.0161	0.1377	0.0586	8.8000e-004		0.0111	0.0111		0.0111	0.0111		175.7206	175.7206	3.3700e-003	3.2200e-003	176.7648
Single Family Housing	4215.34	0.0455	0.3885	0.1653	2.4800e-003		0.0314	0.0314		0.0314	0.0314		495.9219	495.9219	9.5100e-003	9.0900e-003	498.8689
Total		0.1727	1.4757	0.6280	9.4200e-003		0.1193	0.1193		0.1193	0.1193		1,883.8591	1,883.8591	0.0361	0.0345	1,895.0540

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	10.3038	0.1111	0.9496	0.4041	6.0600e-003		0.0768	0.0768		0.0768	0.0768		1,212.2167	1,212.2167	0.0232	0.0222	1,219.4203
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Retirement Community	1.49362	0.0161	0.1377	0.0586	8.8000e-004		0.0111	0.0111		0.0111	0.0111		175.7206	175.7206	3.3700e-003	3.2200e-003	176.7648
Single Family Housing	4.21534	0.0455	0.3885	0.1653	2.4800e-003		0.0314	0.0314		0.0314	0.0314		495.9219	495.9219	9.5100e-003	9.0900e-003	498.8689
Total		0.1727	1.4757	0.6280	9.4200e-003		0.1193	0.1193		0.1193	0.1193		1,883.8591	1,883.8591	0.0361	0.0345	1,895.0540

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	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	9.9213	4.9542	27.7000	0.0311		0.5193	0.5193		0.5193	0.5193	0.0000	5,992.7052	5,992.7052	0.1584	0.1090	6,029.1512

Unmitigated	9.9213	4.9542	27.7000	0.0311		0.5193	0.5193		0.5193	0.5193	0.0000	5,992.705 2	5,992.7052	0.1584	0.1090	6,029.151 2

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	0.8017					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	7.8023					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.5451	4.6580	1.9821	0.0297		0.3766	0.3766		0.3766	0.3766	0.0000	5,946.352 9	5,946.3529	0.1140	0.1090	5,981.689 1
Landscaping	0.7723	0.2962	25.7178	1.3600e-003		0.1427	0.1427		0.1427	0.1427		46.3522	46.3522	0.0444		47.4621
Total	9.9213	4.9542	27.7000	0.0311		0.5193	0.5193		0.5193	0.5193	0.0000	5,992.705 2	5,992.7052	0.1584	0.1090	6,029.151 2

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	0.8017					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	7.8023					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.5451	4.6580	1.9821	0.0297		0.3766	0.3766		0.3766	0.3766	0.0000	5,946.352 9	5,946.3529	0.1140	0.1090	5,981.689 1
Landscaping	0.7723	0.2962	25.7178	1.3600e-003		0.1427	0.1427		0.1427	0.1427		46.3522	46.3522	0.0444		47.4621

Total	9.9213	4.9542	27.7000	0.0311		0.5193	0.5193		0.5193	0.5193	0.0000	5,992.7052	5,992.7052	0.1584	0.1090	6,029.1512

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

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

APPENDIX C

Health Risk Assessment

HEALTH RISK ASSESSMENT
for the
Newland Sierra Project
San Diego, California

Prepared for:

Newland Communities
9820 Towne Center Drive, Suite 100
San Diego, California 92121

Prepared by:

DUDEK
605 Third Street
Encinitas, California 92024
Contact: David Deckman



SEPTEMBER 2015

Health Risk Assessment for the Newland Sierra Project

TABLE OF CONTENTS

<u>Section</u>	<u>Page No.</u>
SUMMARY	III
1 INTRODUCTION.....	1
1.1 Purpose.....	1
1.2 Project Description.....	1
1.3 Toxic Air Contaminants.....	1
1.4 Cancer Risk.....	5
1.5 Noncancer Health Impacts.....	5
2 CALCULATION OF EMISSIONS.....	9
2.1 Traffic Projections and Distribution	9
2.2 Gas Station Emissions.....	11
3 MODELING METHODOLOGY.....	13
4 EVALUATION OF HEALTH IMPACTS	15
4.1 Cancer Risk.....	15
4.2 Noncancer Health Impacts.....	21
4.3 Mitigation Measures	22
5 CONCLUSIONS	27
6 REFERENCES.....	29

APPENDICES

- A Emission Calculations
- B AERMOD Modeling Results
- C HARP Output Files

FIGURES

1	Regional Map.....	v
2	Vicinity Map	vii
3	Site Plan	3
4	Emission Sources and Sensitive Receptor Locations	7
5	Cancer Risk: 9-Year Exposure on School Receptors	17
6	Cancer Risk: 30-Year Exposure on Residential Receptors.....	19
7	30-Year Exposure Impact Area	25

TABLE OF CONTENTS (CONTINUED)

Page No.

TABLES

1	Average Daily Traffic Volume	10
2	Roadway Emissions Summary	11
3	Gas Station Maximum Hourly Emission Summary for Each Toxic Contaminant ¹	12
4	Gas Station Annual Emission Summary for Each Toxic Air Contaminant.....	12

Health Risk Assessment for the Newland Sierra Project

SUMMARY

The Newland Sierra Project (proposed project) is located within the unincorporated portion of the County of San Diego within the North County Metropolitan Subregional Plan area (see Figure 1, Regional Map). The North County Metropolitan Subregional Plan area is comprised of many non-contiguous “island” areas interspersed among the cities of Escondido, San Diego, San Marcos, Vista, and Oceanside, with the most eastern portion adjacent to Valley Center. The North County Metropolitan Subregional Plan area includes the communities of Hidden Meadows and Twin Oaks Valley. The majority of the project site is located in the community of Twin Oaks Valley. The project site is directly west of the Interstate 15 (I-15) freeway, north of State Route 78 (SR-78), and south of State Route 79 (SR-79). The cities of Escondido and San Marcos are approximately 1 mile south of the site (see Figure 2, Vicinity Map).

The project site consists of approximately 1,985 acres and is bounded by I-15 on the east, Deer Springs Road on the south, and Twin Oaks Valley Road on the west, with a small portion of the northwestern edge of the site traversed by Twin Oaks Valley Road. Gopher Canyon Road is located approximately 1.5 miles north of the site’s northern boundary and approximately 2.5 miles north of proposed site development.

The purpose of this health risk assessment (HRA) is to determine the impact to the future residents and the school site of the proposed project due to toxic air contaminant (TAC) emissions resulting from diesel and gasoline vehicle traffic along I-15 and Deer Springs Road as well as from a nearby gas station. The dispersion modeling conducted for this assessment was performed using the U.S. Environmental Protection Agency (EPA)-approved dispersion model, American Meteorological Society/Environmental Protection Agency Regulatory Model (AERMOD) in conjunction with the Hotspots Analysis and Reporting Program Version 2 (HARP 2). HARP 2 has been developed by the California Air Resources Board (CARB) as a tool to implement risk assessments and incorporates all the requirements provided by the Office of Environmental Health Hazard Assessment (OEHHA) as outlined in the *Air Toxics Hot Spot Program Risk Assessment Guidelines – Guidance Manual for Preparation of Health Risk Assessments* (OEHHA 2015). The analysis considered a 30-year exposure scenario to estimate individual cancer risk for the maximally exposed individual resident (MEIR). Exposure durations of 9 years and 70 years were also evaluated to show the range of cancer risk based on residency periods shorter and longer than 30 years, as recommended by OEHHA. In addition, a 9-year exposure scenario was used to evaluate the risk on the project’s school to be attended by 5- to 13-year-old school children.

This analysis is informed by the risk thresholds provided in the San Diego Air Pollution Control District (SDAPCD) Rule 1210 (Toxic Air Contaminant Public Health Risks – Public Notification and Risk Reduction) (SDAPCD 2016) to evaluate the significance of the health impacts. The

Health Risk Assessment for the Newland Sierra Project

SDAPCD indicates that the health impacts of a project would not be significant if they do not exceed the health risk public notification thresholds adopted by the SDAPCD Board. The public notification thresholds are 10 excess cancer cases in 1 million for cancer risk and a hazard index of more than 1.0 for noncancer health effects.

This HRA finds that the school site (9-year exposure scenario) would be exposed to a maximum cancer risk of approximately 4.2 in 1 million, which would not exceed the SDAPCD threshold of 10 in 1 million for cancer impacts. Project residents, specifically those located in the northeast and southeast corners of the Town Center residential area (30-year exposure scenario), would be exposed to a maximum cancer risk of approximately 9.1 in 1 million after incorporating the mitigation measures discussed in Section 4.3. Therefore, the cancer risks to residents on the project site under the 30-year exposure scenario would not exceed the SDAPCD threshold of 10 in 1 million for cancer impacts after mitigation. The project residents would be exposed to a maximum acute hazard index of approximately 0.1. In addition, the project residents would be exposed to a maximum chronic hazard index of approximately 0.02 after mitigation described in Section 4.3. The acute hazard and maximum chronic hazard indices are less than the SDAPCD threshold of 1.0 for noncancer health impacts.

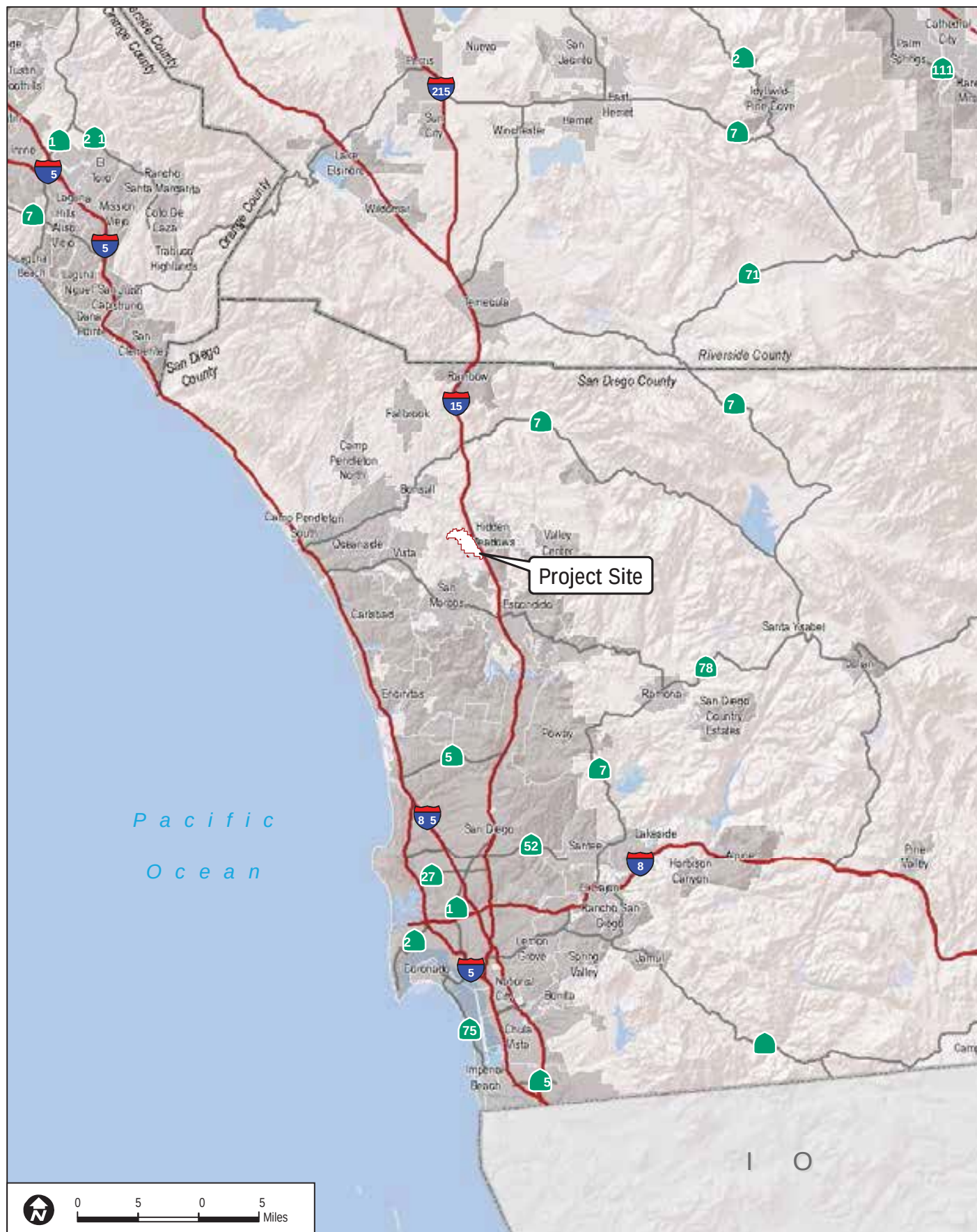


FIGURE 1
R i n a Map

DUDEK

Health Risk Assessment for the Newland Sierra Project

Health Risk Assessment for the Newland Sierra Project

INTENTIONALLY LEFT BLANK

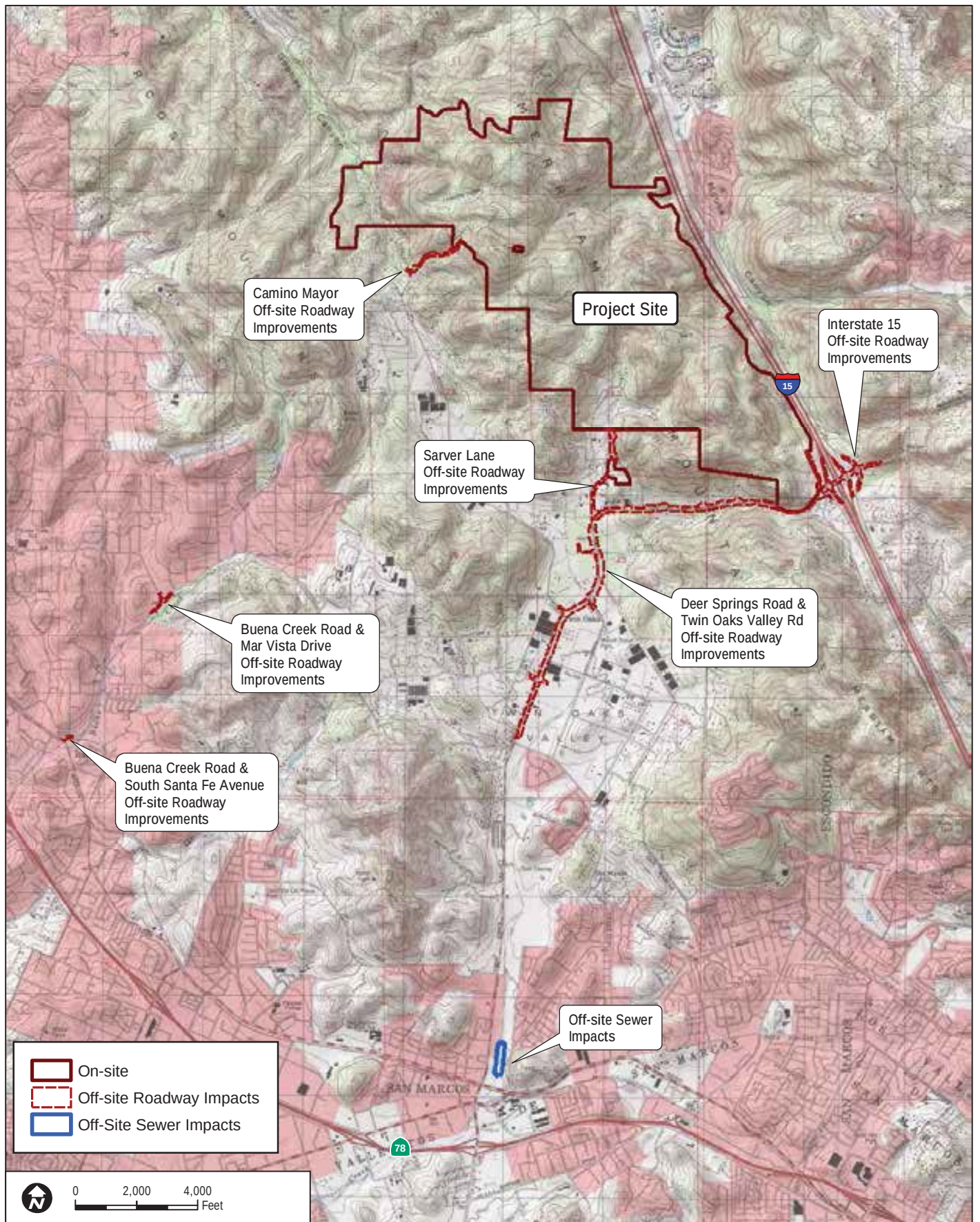


FIGURE 2
Vicinity Map

Health Risk Assessment for the Newland Sierra Project

INTENTIONALLY LEFT BLANK

1 INTRODUCTION

1.1 Purpose

This health risk assessment (HRA) for the Newland Sierra Project (proposed project) presents the results of an evaluation of toxic air contaminants (TACs) emissions associated with gasoline and diesel vehicle exhaust resulting from vehicle traffic using the Interstate 15 (I-15) freeway and Deer Springs Road and from the gas station adjacent to the project site. The assessment analyzes the potential cancer risk and noncancer risk to future sensitive receptors (i.e., residents and the school site within the proposed project).

1.2 Project Description

The proposed project site is composed of 1,985 acres and would include seven neighborhoods (also referred to as planning areas for planning purposes) with a total of 2,135 residential units (see Figure 3, Site Plan). A 6-acre school site is proposed within the proposed Sierra Town Center neighborhood. The proposed project would include a variety of housing types—some of which would be designed with grade-adaptive architecture—to meet the varied needs of the anticipated residents. Grade-adaptive architecture results in minimized site grading impacts by incorporating one or more steps in the ground floor that conform to the underlying slope of the site. Development of the project site would be focused into seven planning areas designed to promote land stewardship and avoid the most sensitive biological, cultural, and topographical resources. Taking inspiration from the property's unique landscape character and distinct landforms, the proposed project consists of a series of neighborhoods that individually respond to their unique topographical settings.

1.3 Toxic Air Contaminants

A substance is considered toxic if it has the potential to cause adverse health effects in humans, including increasing the risk of cancer upon exposure, or acute and/or chronic noncancer health effects. A toxic substance released into the air is considered a TAC. Examples include certain aromatic and chlorinated hydrocarbons, diesel particulate matter, certain metals, and asbestos. TACs are generated by a number of sources, including stationary sources such as dry cleaners, gas stations, combustion sources, and laboratories; mobile sources such as automobiles and trucks; and area sources such as landfills. Adverse health effects associated with exposure to TACs may include carcinogenic (i.e., cancer-causing) and noncarcinogenic effects. Noncarcinogenic effects typically affect one or more target organ system and may be experienced either on short-term (acute) or long-term (chronic) exposure to a given TAC.

California's air toxics control program began in 1983 with the passage of the Toxic Air Contaminant Identification and Control Act, Assembly Bill (AB) 1807, better known as the

Health Risk Assessment for the Newland Sierra Project

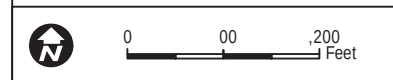
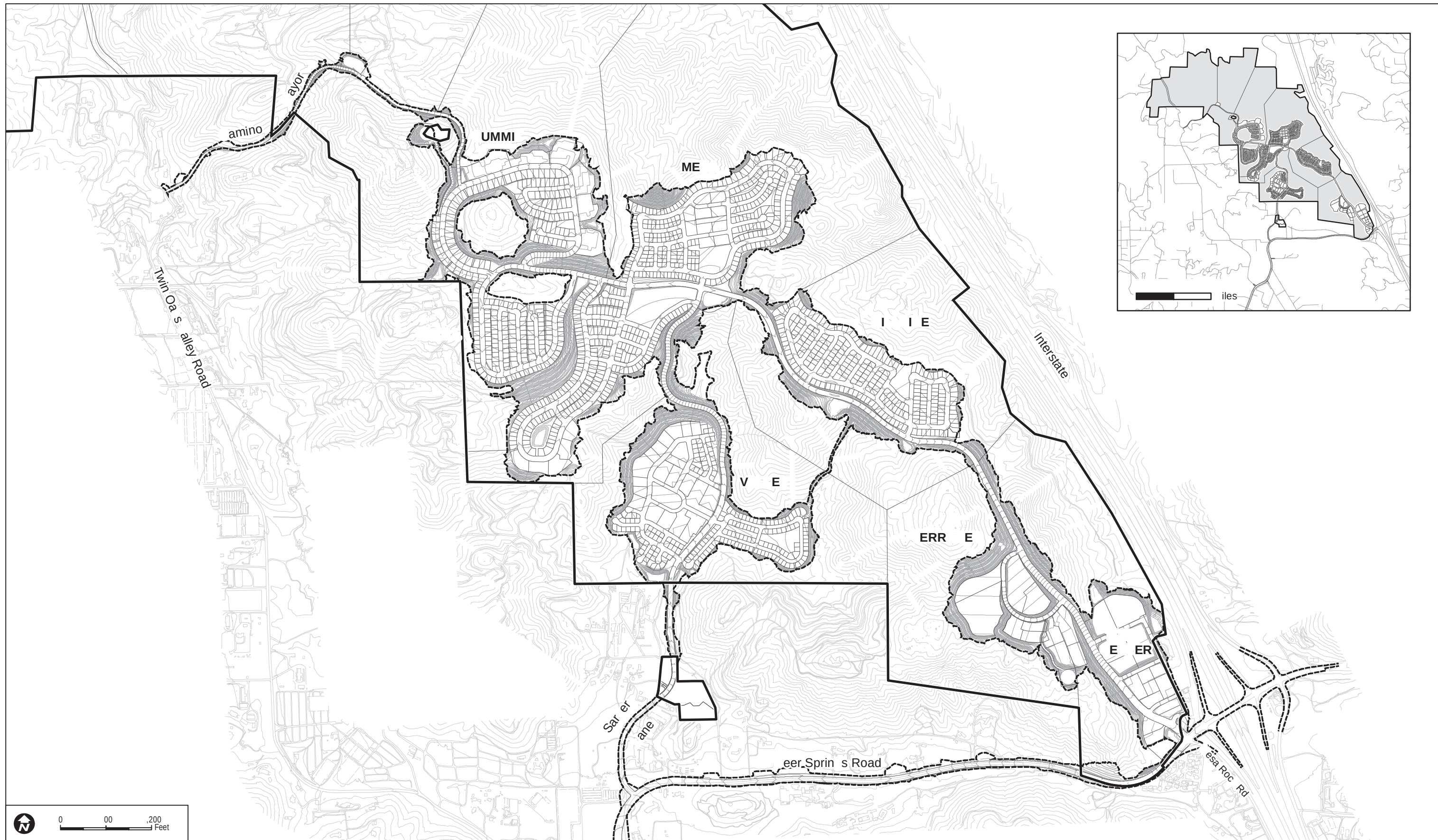
Tanner Bill. The Tanner Bill established a regulatory process for the scientific and public review of individual toxic compounds. When a compound becomes listed as a TAC under the Tanner process, the CARB normally establishes minimum statewide emission-control measures to be adopted by air quality management districts and air pollution control districts. By 1992, 18 of the 189 federal hazardous air pollutants (HAPs) had been listed by CARB as state TACs. In April 1993, CARB added 171 substances to the state program to ensure that the state TAC list reflect substances on the federal HAP list.

The second major component of California's air toxics program, supplementing the Tanner process, was provided by the passage of AB 2588, the Air Toxics "Hot Spots" Information and Assessment Act of 1987. AB 2588 currently addresses the health impacts over 600 toxic compounds, including all of the Tanner-designated TACs, from stationary (e.g., industrial) sources.

Additionally, Proposition 65, passed by California voters in 1986, requires that a list of carcinogenic and reproductive toxicants found in the environment be compiled; the discharge of these toxicants into drinking water be prohibited; and warnings of public exposure by air, land, or water be posted if a significant adverse public health risk is posed. The emission of any of these substances by an entity would require a public warning unless health risks could be demonstrated to be less than significant. For carcinogens, Proposition 65 defines the "no significant risk level" as the level of exposure that would result in an increased cancer risk of greater than 10 in 1 million over a 70-year lifetime. The "no significant risk level" is 1/1000 of the No Observable Effect Level for reproductive toxicants.

The exhaust from diesel engines is a complex mixture of gases, vapors, and particles, many of which are known human carcinogens. In 1998, CARB designated diesel engine exhaust particulate matter (DPM) as a TAC (CARB 1998). In San Diego County, on-road diesel-fueled vehicles contribute about 24% of diesel particulate emissions, with an additional 74% attributed to other mobile sources, such as off-road construction or agricultural machinery. Another approximately 2% of diesel particulate emissions are attributable to stationary sources, including diesel-powered generators.¹

¹ Air Resources Board; Almanac Emission Projection Data - 2012 Estimated Annual Average Emissions; San Diego County. http://www.arb.ca.gov/app/emsinv/2013/emssumcat_query.php?F_DIV=-4&F_DD=Y&F_YR=2012&F_SEASON=A&SP=2013&F_AREA=CO&F_CO=37. Accessed April 30, 2015



INTENTIONALLY LEFT BLANK

Health Risk Assessment for the Newland Sierra Project

Gasoline fuels also contain toxic substances that cause adverse health effects in people. Some of these substances, such as benzene, toluene, and xylenes, are found in crude oil and occur naturally in fuels and their vapors. Other substances, such as 1,3-butadiene and formaldehyde, are formed in engines during combustion and are only present in exhaust.

This HRA focuses on health impacts due to TACs associated to exhaust from motor vehicles traveling along the segment of the I-15 freeway and Deer Springs Road, which are the major roadways nearest to the proposed Newland Sierra Project. The HRA also analyzes the health effects associated with TACs emitted from a gas station located at the intersection of I-15 and Deer Springs Road, southeast of the project site. Figure 4 shows the location of the TACs sources with respect to the project site.

1.4 Cancer Risk

Cancer risk is defined as the increase in probability (chance) of an individual developing cancer due to exposure to a carcinogenic compound, typically expressed as the increased chances in 1 million. The cancer risk from exposure to a TAC is estimated by calculating the inhalation (and if applicable, ingestion or dermal) dose in units of milligrams/kilogram body weight per day based on a ambient concentration in units of micrograms per cubic meter ($\mu\text{g}/\text{m}^3$), age sensitivity factors, breathing rates, exposure period, fraction of time spent at home, and multiplying the dose by the relevant cancer potency factors, expressed as (milligrams/kilogram body weight per day)⁻¹. Under current OEHHA risk assessment guidance, cancer risks for residential receptors and similar sensitive receptors are estimated based on a residential exposure period of 30 years of continuous exposure (OEHHA 2015).

Cancer risks are typically calculated for all carcinogenic TACs and summed to calculate the overall increase in cancer risk to an individual. The calculation procedure assumes that cancer risk is proportional to concentrations at any level of exposure and that risks due to different carcinogens are additive. This approach is generally considered a conservative assumption at low doses and is consistent with the OEHHA regulatory approach.

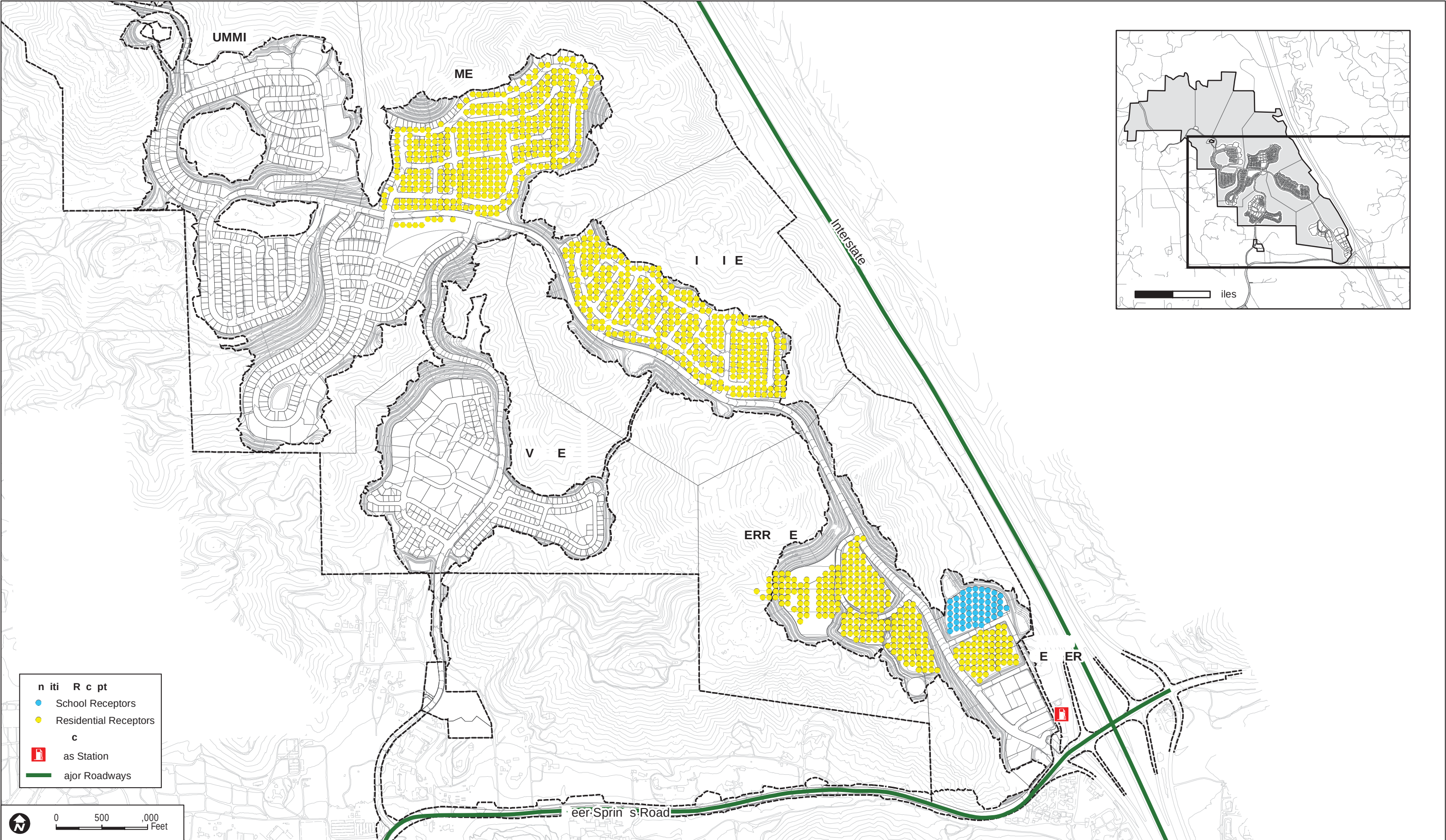
1.5 Noncancer Health Impacts

The noncancer health impact of an inhaled TAC is measured by the hazard quotient, which is the ratio of the ambient concentration of a TAC in units of $\mu\text{g}/\text{m}^3$ divided by the reference exposure level (REL), also in units of $\mu\text{g}/\text{m}^3$. The REL is the concentration at or below which no adverse health effects are anticipated. The REL is typically based on health effects to a particular target organ system, such as the respiratory system, liver, or central nervous system. Hazard quotients of individual TACs are then summed for each target organ system to obtain a hazard index.

Health Risk Assessment for the Newland Sierra Project

INTENTIONALLY LEFT BLANK

OCM S ec Re ors R ec Re on Figure4-E ssionSources Sensiti eRece for ocations. d



INTENTIONALLY LEFT BLANK

2 CALCULATION OF EMISSIONS

Three sources of TACs were identified and included in the health risk analysis: I-15 freeway, Deer Springs Road, and the ARCO gas station located immediately southeast of the site.

In the vicinity of the project site, recent traffic data indicate that the I-15 freeway has over 120,000 annual average daily trips (AADT) (Caltrans n.d.). The freeway is located approximately 570 feet east of the nearest point of the Town Center residences and the school within the project site. CARB's *Air Quality and Land Use Handbook: A Community Health Perspective* (CARB Handbook) emphasizes consideration in land use decisions regarding the high health impacts of freeways and high-volume roadways on sensitive receptors sited within 500 feet from the source (CARB 2005). Although the residences located within the Town Center are located further than 500 feet from the I-15 freeway, impacts to these residences were analyzed.

Deer Springs Road is located approximately 320 feet south of the nearest point of the Town Center property with approximately 21,400 AADT based on traffic counts by LLG (2014). The CARB Handbook identifies rural roadways with 50,000 vehicles/day or greater as high-volume roadways. Although traffic volume on Deer Springs Road does not reach 50,000 AADT or more, it is included in this analysis because it is located within 500 feet of Town Center and is the closest major roadway to the projectsite.

In addition to local roadways, an ARCO gas station, a source of TACs, is located approximately 100 feet southeast of the Town Center and is included in this assessment.

2.1 Traffic Projections and Distribution

To estimate the I-15 freeway emissions, AADT volumes including the truck percentage were obtained from the California Department of Transportation (Caltrans) for 2013. Emissions were estimated for the closest segment of the freeway that extends from Deer Springs Road to the Gopher Canyon Road junction. To estimate emissions associated with Deer Springs Road, AADT volumes were obtained from traffic counts by LLG (2014) for the two closest segments of the road to the project site: (1) I-15 to Mesa Rock Road and (2) Mesa Rock Road to Sarver Lane. AADT volumes for these segments are summarized in Table 1. To be conservative, because the freeway is expected to carry a larger percentage of trucks than the local roadways, the same truck percentage traveling on I-15 was used to estimate the truck AADT passing the Deer Springs Road. Based on the 2013 data obtained from Caltrans, the peak hourly traffic on I-15 was 2.1 times greater than the average hourly traffic. Therefore, the peak hour traffic for Deer Springs Road was assumed to be 2.1 times greater than the average hourly traffic, which was then used for the short-term emissions and acute health impact assessments.

Health Risk Assessment for the Newland Sierra Project

Table 1
Average Daily Traffic Volume

Route	Description	Vehicle Type	AADT
I-15	Deer Springs Road to Gopher Canyon Road	Auto	105,897 ¹
		Truck	16,103 ¹
Deer Springs Road	I-15 to Mesa Rock Road	Auto	18,575 ²
		Truck	2,825 ²
Deer Springs Road	Mesa Rock Road to Sarver Lane	Auto	15,537 ²
		Truck	2,363 ²

Notes:

¹ Estimated based on the 2013 traffic data provided by California Department of Transportation (Caltrans).

² Estimated based on traffic counts by LLG (2014).

Motor vehicle emission rates were obtained from CARB's EMFAC2014 Project Level tool. EMFAC2014 is the latest emission inventory model for motor vehicles operating on roads in California. Sources were divided into two categories, trucks and automobiles, and each category included emission rates based on their fuel (i.e., gasoline and diesel). Emission rates were obtained for particulate matter 10 micrometers or less in diameter (PM₁₀) and total organic gases (TOG) for 2021 through 2050.

Project construction is anticipated to begin in January 2018 and continue through the fourth quarter of 2024 for Phase 1 and through the fourth quarter of 2027 for Phase 2. At the time the analysis was conducted, the first residential units to be completed were scheduled to come online in 2021. Therefore, 2021 vehicle emission rates were estimated and used as the baseline emissions. These emission rates were multiplied by the vehicle-miles traveled (VMT) along the analyzed freeway and Deer Springs Road alignments, which were estimated using the AADT volumes provided by Caltrans (Caltrans n.d.) and traffic counts by LLG (2014). The calculated emissions in pound/year are summarized in Table 2.

More stringent EPA and CARB rules and regulations and subsequent cleaner vehicles, would result in lower emission rates over time. Projections of estimated total emissions in the San Diego County for 2021 through 2050 show that even though population increases over time, total emissions decrease, which would result in lower emissions in future years compared to the base year (2021). Appendix A, Figures A-1 and A-2, present the County PM₁₀ and TOG emissions from 2021 through 2050. Therefore, to be more precise and account for the on-road emission reductions, EMFAC2014 was run through a 30-year span (2021–2050) with total emissions calculated for three groups of different time span: 2021–2023, 2023–2037, and 2037–2050. The percentage reduction for each group was compared to 2021 (base year) percentage of reduction and was incorporated into the risk evaluation for age groups of 0–2, 2≤16, and >16, respectively.

Health Risk Assessment for the Newland Sierra Project

No reductions were applied to the third trimester age group. Assumptions and estimated emissions are provided in detail in Appendix A.

Table 2
Roadway Emissions Summary

Source Description	PM ₁₀ (lbs/yr)		TOG (lbs/yr)	
	Gas	Diesel	Gas	Diesel
I-15: auto	1.97E+02	1.31E+01	5.72E+03	2.15E+01
I-15: truck	2.33E+01	9.24E+01	6.87E+02	2.72E+02
I-15 to Mesa Rock Road: auto	2.16E+01	1.43E+00	6.27E+02	2.36E+00
I-15 to Mesa Rock Road: truck	2.55E+00	1.01E+01	7.53E+01	3.19E+00
Mesa Rock Road to Sarver Lane: auto	2.30E+00	1.53E-01	6.68E+01	2.51E-01
Mesa Rock Road to Sarver Lane: truck	2.72E-01	1.08E+00	8.03E+00	3.19E+00

Note: Emission rates are in scientific notation (e.g., 2.51E-01 lbs/yr = 0.251 lbs/yr).

2.2 Gas Station Emissions

To estimate TAC emissions for the ARCO gasoline (gas) station, 2008 gasoline throughput was provided by the SDAPCD, which was estimated to be 1,295,787 gallons per year and a maximum of 8,000 gallons per hour during bulk loading. Emissions from gasoline transfer and dispensing mainly occur during loading, breathing, refueling, and spillage as follows (SCAQMD 2007):

1. **Loading** – Emissions occur when a fuel tanker truck unloads gasoline to the storage tanks. The storage tank vapors, displaced during loading, are emitted through its vent pipe. A pressure/vacuum valve installed on the tank vent pipe significantly reduces these emissions.
2. **Breathing** – Emissions occur through the storage tank vent pipe as a result of temperature and pressure changes in the tank vapor space.
3. **Refueling** – Emissions occur during motor vehicle refueling when gasoline vapors escape through the vehicle/nozzle interface.
4. **Spillage** – Emissions occur from evaporating gasoline that spills during vehicle refueling.

The gas station has Phase I and Phase II vapor recovery to collect the gasoline vapor displaced from storage tanks when cargo tank trucks make gasoline deliveries and the vehicle fuel tanks during refueling, respectively. The operational schedule was assumed to be 24 hours per day. TAC emissions from the gas station's different activities were calculated using methods and emission factors presented on the SDAPCD website and are provided in Tables 3 and 4. Maximum hourly emissions are assumed to occur during bulk loading of the underground tanks, while annual emissions are assumed to be proportional to overall annual throughput.

Health Risk Assessment for the Newland Sierra Project

Table 3
Gas Station Maximum Hourly Emission Summary for Each Toxic Contaminant¹

Toxic Contaminant	Gasoline Emissions (lbs/hr)
Benzene	0.033
Ethyl Benzene	0.021
Hexane	0.099
Toluene	0.142
Xylene	0.047

Note:

Based on the emission calculation methods provided by SDAPCD: <http://www.sdapcd.org/toxics/emissions/gasdisp/gasdisp.html>

Table 4
Gas Station Annual Emission Summary for Each Toxic Air Contaminant

Toxic Contaminant	Gasoline Loading Emissions (lbs/yr)	Gasoline Breathing Emissions (lbs/yr)	Gasoline Refueling Emissions (lbs/yr)	Gasoline Spillage Emissions (lbs/yr)
Benzene	5.40	0.95	8.89	2.54
Ethyl Benzene	3.41	0.60	5.62	1.61
Hexane	16.08	2.84	26.49	7.57
Toluene	23.02	4.06	37.91	10.83
Xylene	7.60	1.34	12.52	3.58

Note:

Based on the emission calculation methods provided by SDAPCD: <http://www.sdapcd.org/toxics/emissions/gasdisp/gasdisp.html>

3 MODELING METHODOLOGY

The EPA-approved dispersion model, AERMOD Version 14134 (Lakes Environmental Software 2013) estimates the air quality impacts of single or multiple sources using actual meteorological conditions. AERMOD was used to estimate the concentrations of TAC emissions from automobiles and trucks traveling along roadways and from the gas station. SDAPCD accepts the use of AERMOD for a HRA. The AERMOD output files are included in Appendix B.

AERMOD-ready meteorological data from 2010 through 2012 for the Escondido monitoring station were provided by the SDACPD for use in AERMOD. The data were collected by SDAPCD and processed using EPA's AERMET meteorological data processor.

Emissions from the traveling vehicles were modeled as line sources comprised of a series of separated volume sources along the modeled segment of the I-15 freeway and Deer Springs Road. Horizontal dimensions of the volume sources were 24 feet by 24 feet on Deer Springs Road and 48 feet by 48 feet on I-15 freeway, representing the width of two-lane and four-lane roadways. The release height of 1.6 meters (5.25 feet) was used based on the weighted average height from motor vehicles estimated according to the methodology described in the EPA transportation conformity guidance (EPA 2013). AERMOD was run for a 1-hour averaging period to account for short-term exposure (acute) and an annual averaging period for long-term exposure (cancer and chronic). Plot files generated by AERMOD were imported to HARP 2 and post-processed using the actual source TAC emissions (see Section 4.1 for a description of health impact calculations).

For the gas station emission sources, loading and breathing emissions exit the underground storage tank vent pipe; therefore, these emission sources were modeled as point sources. The height and diameter of the vent were assumed to be 3.7 meters (12 feet) and 0.05 meter (2 inches), respectively. Refueling and spillage emissions were modeled as volume sources with horizontal dimensions of 13 meters (42.6 feet) by 13 meters to correspond to the dimensions of the pump islands and a vertical dimension of 5 meters (16.4 feet) to correspond to the height of the canopy. For refueling, the release height is assumed to be 1 meter (3.2 feet) to approximate the height of a vehicle fuel tank inlet, whereas spillage emissions were assumed to be released at ground level since nearly all the gasoline from spillage reaches the ground (SCAQMD 2007). Both the vent pipe and the volume sources were assumed to be co-located at the center of the gas station property. The gas station was assumed to operate continuously throughout the year.

A uniform Cartesian grid of receptors was set up covering the residential areas of the project site and school closest to the freeway and roadway being modeled. A fine receptor grid with 20-meter (65.6-foot) interval spacing was used, and a total of 1,695 receptors were modeled within this receptor grid. The health risk to sensitive receptors on the project site was captured by this receptor grid, and no discrete sensitive receptors were defined in the model.

INTENTIONALLY LEFT BLANK

4 EVALUATION OF HEALTH IMPACTS

4.1 Cancer Risk

The cancer risk calculations were performed by multiplying the predicted modeled output results by the TAC emissions and the appropriate risk values using HARP 2. The exposure and risk equations that were used to calculate the cancer risk at residential receptors were taken from OEHHHA's *Air Toxics Hot Spot Program Risk Assessment Guidelines – Guidance Manual for Preparation of Health Risk Assessments* (OEHHHA 2015) and the SDAPCD *Supplemental Guidelines for Submission of Air Toxics “Hot Spots” Program Health Risk Assessments (HRAs)* (SDAPCD 2006 and 2015).

The following equations were used to calculate the cancer risk using the model output data and estimated TAC emissions associated with gasoline and diesel exhaust and for gasoline vapors.

$$\text{Cancer Risk} = \text{DOSE} * \text{CPF} * \text{ASF} * \text{ED/AT} * \text{FAH}$$

$$\text{DOSE} = (\text{C}_{\text{air}} * \text{DBR} * \text{A} * \text{EF} * 10^{-6})$$

$$\text{C}_{\text{air}} = \text{ER} * \chi/\text{Q}$$

Where:

- DOSE: Daily inhalation dose (mg/kg-day)
- CPF: Cancer potency factor (mg/kg-day)⁻¹
- ASF: Age sensitivity factor for a specified age group (unitless)
- ED: Exposure duration (in years) for a specified age group
- AT: Averaging time for lifetime cancer risk (years)
- FAH: Fraction of time spent at home (unitless)
- C_{air}: Average air concentration of TAC from the air dispersion model (µg/m³)
- DBR: Daily breathing rate (L/kg body weight-day)
- EF: Exposure frequency (unitless), days/365 days
- A: Inhalation absorption factor (unitless)
- 10⁻⁶: Micrograms to milligrams conversion, liters to cubic meters conversion
- ER: Emission rates (g/s)
- χ/Q: Model output data (µg/m³)/(g/s)

Health Risk Assessment for the Newland Sierra Project

Studies have shown that children are more sensitive than adults to exposure to many carcinogens. Therefore, OEHHA developed age sensitivity factors (ASFs) to take into account the increased sensitivity to carcinogens during early-in-life exposure. In the absence of chemical-specific data, OEHHA recommends a default ASF of 10 for the third trimester up to age 2 years and an ASF of 3 for ages 2 through 15 years to account for potential increased sensitivity to carcinogens during childhood (OEHHA 2015, Appendix B, Table 8.3). The ASF for adults is 1. In addition to the ASFs, children have higher daily breathing rates (DBR) per unit of body weight than adults. The OEHHA guidance manual considers the age-specific breathing rates in the cancer risk calculations.

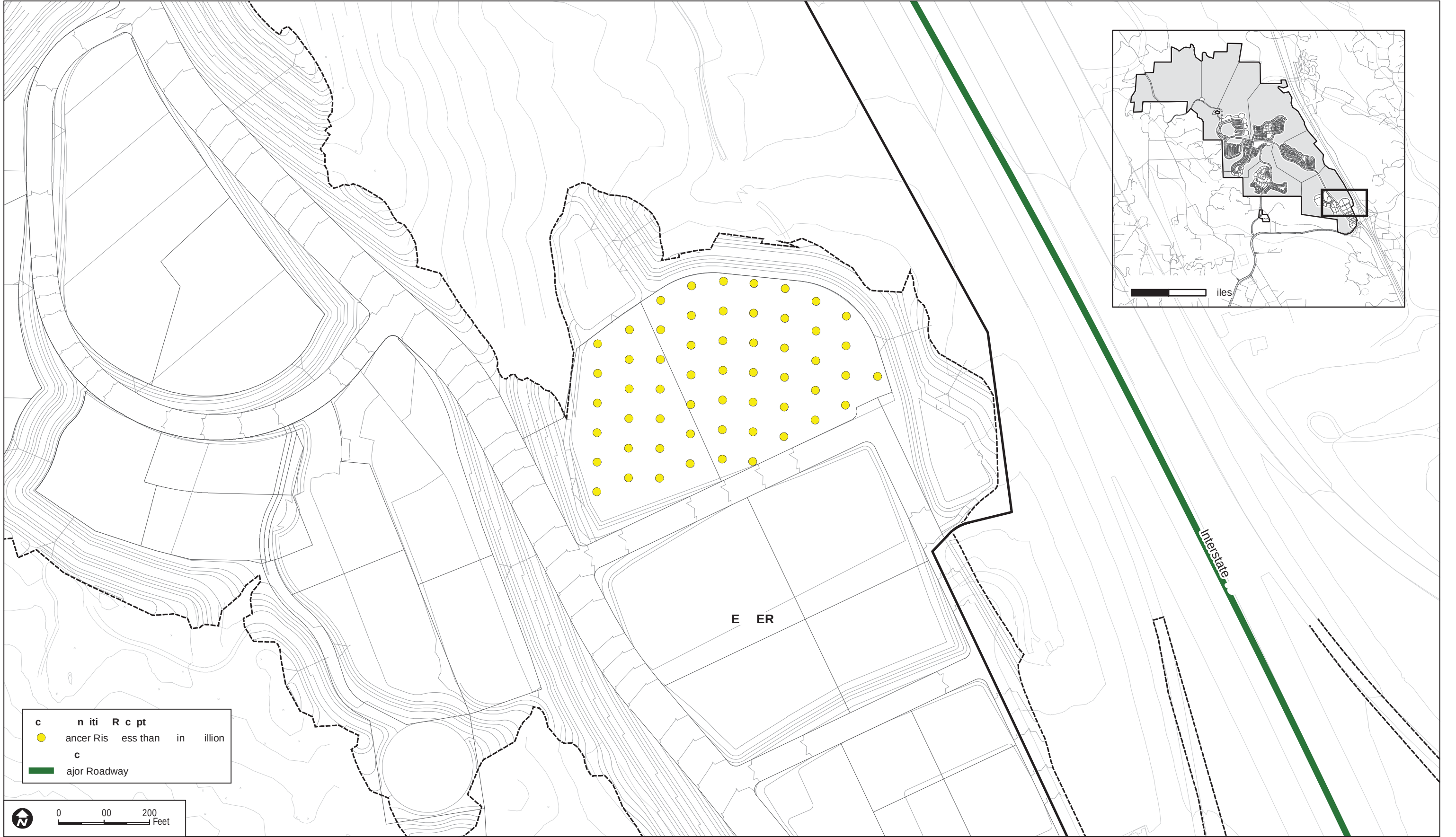
In addition, OEHHA and CARB evaluated information from activity patterns databases to estimate the fraction of time at home (FAH) during the day. From the third trimester up to age 2 years, 85% of time is spent at home (OEHHA 2015, Appendix B, Table 8.4). From age 2 through <16 years, 72% of time is spent at home. From age 16 years and greater, 73% of time is spent at home (OEHHA 2015, Appendix B, Table 8.4). Cancer risk parameters, such as ASFs, DBRs, exposure period, FAH, and cancer potency factors were based on the values and data recommended by OEHHA (OEHHA 2015) as implemented in HARP 2.

OEHHA recommends that an exposure duration (residency time) of 30 years be used to estimate individual cancer risk for the maximally exposed individual residential (MEIR) starting in the third trimester to accommodate the increased susceptibility of exposures in early life (OEHHA 2015, Appendix B, Table 8.5). OEHHA also recommends that exposure durations of 9 years and 70 years be evaluated for the MEIR to show the range of cancer risk based on residency periods.

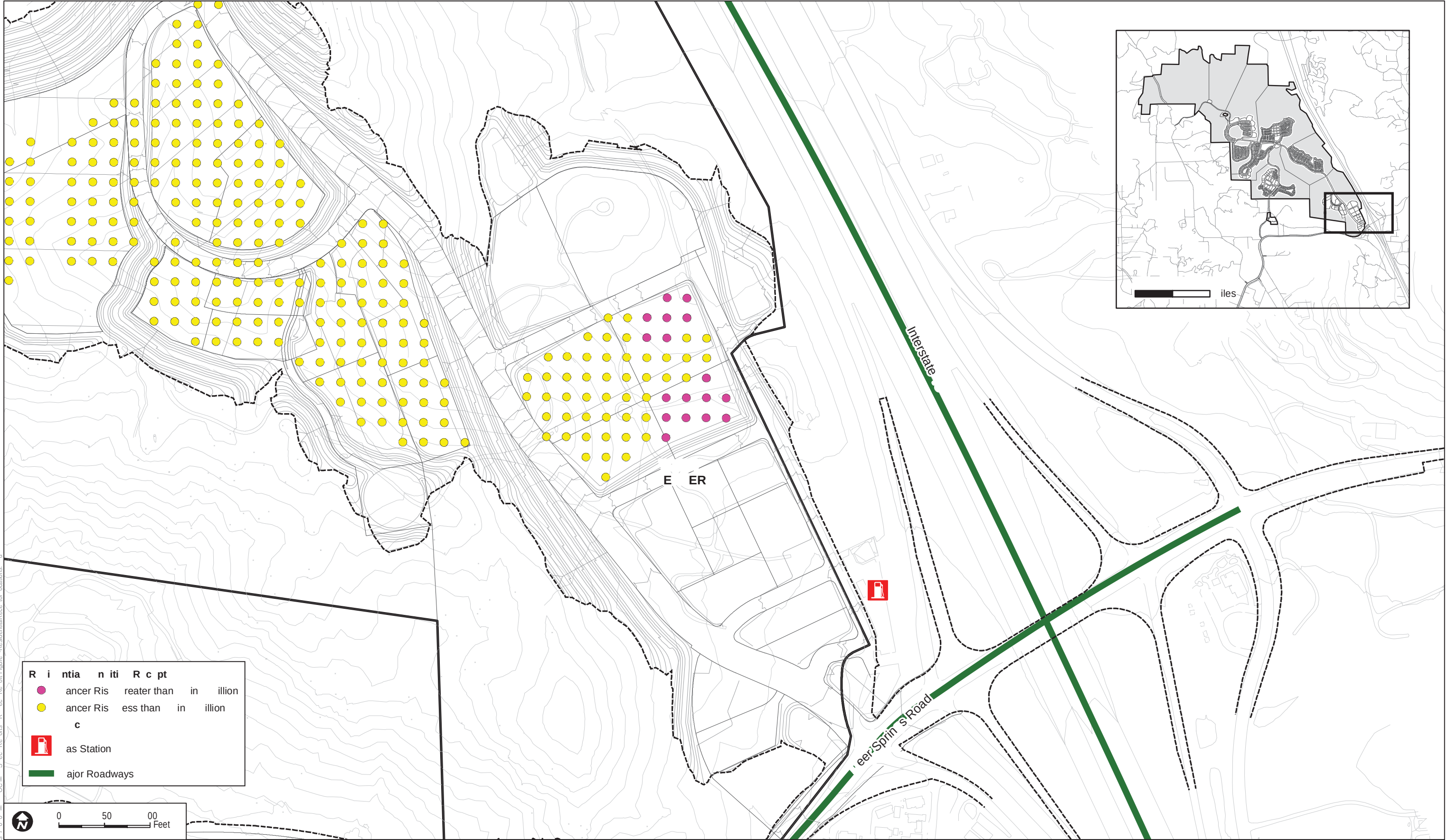
The cancer risk point of maximum impact for the school is depicted in Figure 5, Cancer Risk – 9-Year Exposure on School Receptors. The cancer risk point of maximum impact for residents is depicted in Figure 6, Cancer Risk – 30-Year Exposure on Residential Receptors.

As shown, the school site under the 9-year exposure scenario would be exposed to a maximum cancer risk of approximately 4.2 in 1 million. The maximum cancer risk to residents under the 30-year exposure scenario was estimated to be 26.4 in 1 million. The 70-year cancer risk on project residents was estimated to be 31.1 in 1 million, and the 9-year cancer risk on project residents was estimated to be 18.8 in 1 million. Only residents located in the northeast and southeast corners of the Town Center residential area would be exposed to potentially significant cancer risk impacts (greater than 10 in a million). Estimated cancer risk on other residential units would be below the 10-in-1-million threshold of significance.

In summary, the cancer risk at the proposed project's school would not exceed the SDAPCD threshold of 10 in 1 million; however, the cancer risk in the northeast and southeast corners of the proposed project's Town Center residential area would exceed the SDAPCD cancer risk significance threshold and impacts would be potentially significant.



INTENTIONALLY LEFT BLANK



INTENTIONALLY LEFT BLANK

4.2 Noncancer Health Impacts

In addition to the potential cancer risk, TACs in vehicle exhaust and gasoline fuels have chronic (i.e., long-term) and acute (i.e., short-term) noncancer health impacts. The chronic and acute hazard indices were evaluated using the OEHHA and CARB RELs (CARB 2017). The REL is the concentration (inhalation) or daily dosage (noninhalation) at or below which no adverse health effects are anticipated. The chronic noncancer hazard quotients for the proposed project were calculated by dividing the maximum modeled annual average concentrations of each TAC by its chronic REL, if applicable for the TAC, as implemented by HARP 2. To estimate the noncancer acute hazard quotients, the maximum modeled hourly concentration of each TAC was divided by its acute REL, if applicable for the TAC, as implemented by HARP 2.

The chronic and acute hazard quotients were calculated for each TAC using the following equations (OEHHA 2015).

$$\text{CHQ} = (C_{\text{air}} / \text{REL})$$

Where:

- CHQ: Chronic Hazard Quotient
- C_{air} : Annual average concentration ($\mu\text{g}/\text{m}^3$)
- REL: Chronic Reference Exposure Level ($\mu\text{g}/\text{m}^3$)

$$\text{AHQ} = (C_{\text{air}} / \text{REL})$$

Where:

- AHQ: Acute Hazard Quotient
- C_{air} : 1-hour max concentration ($\mu\text{g}/\text{m}^3$)
- REL: Acute Reference Exposure Level ($\mu\text{g}/\text{m}^3$)

The chronic and acute hazard quotients were then summed for each target organ system (e.g., respiratory system, liver, or central nervous system) to calculate the chronic and acute hazard indices.

The sensitive receptors (i.e., residents and school children) would be exposed to a maximum chronic hazard index of approximately 0.02 and acute hazard index of approximately 0.1, which are less than the SDAPCD threshold of 1.0 for chronic and acute noncancer health impacts. Details about calculated noncancer risk are provided in Appendix A.

4.3 Mitigation Measures

Consistent with SDAPCD guidance, mitigation measures were evaluated to identify ways to ensure that residents of the proposed project would not be exposed to health risks that exceed SDAPCD's significance thresholds and to ensure that impacts related to community risk and hazards from placement of sensitive receptors proximate to major sources of air pollution would be less than significant.

The American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) reported that the Minimum Efficiency Reporting Value (MERV) 13 filters remove 90% of particles ranging from 1 to 3 microns, and less than 75% for particles ranging from 0.3 to 1 microns (ASHRAE 2007). ASHRAE reported that MERV 16 filters remove 95% of particles ranging from 0.3 to 1 microns and larger. In a study conducted by Fisk et al. on the performance and costs of particulate air filtration technologies, it was shown that if the ventilation systems are operated with one air exchange per hour of outside air and four air exchanges per hour of recirculated air: (i) MERV 13 (ASHRAE Dust Spot 85%) filters provide an 80% or greater reduction of outdoor fine particulate matter (such as diesel particulate matter); and (ii) MERV 16 (ASHRAE Dust Spot 95%) filters provide a 95% or greater reduction of outdoor fine particulate matter (Fisk et al. 2002). For this analysis, Dudek assumed a 95% particulate matter reduction for the air filters because substantial evidence supports that MERV 16 filters can provide a 95% or greater reduction of outdoor particulate matter (PM₁₀). No reduction in pollutant concentrations due to the use of filters was applied to gaseous TACs such as benzene, toluene, and formaldehyde.

Studies have shown that vegetative landscaping can reduce particulate emissions by up to 65% to 85% at lower wind speeds, with greater removal rates expected for ultra-fine particles < 0.1 µm in diameter. The effectiveness of PM removal via tree plantings depends on characteristics of the species chosen (e.g., foliage surface, canopy structure, and life span) and varies by particulate size (Fujii et al. 2008, Miller et al. 2009, SMAQMD 2011). Mitigation measure MM-HR-5 has been provided to further reduce impacts related to particulates; however, emission reductions from installation of tiered vegetative landscaping as described in MM-HR-5 was not quantified for the purposes of impact determination because MM-HR-1 through MM-HR-4 mitigate impacts to particulate exposure to a level that is less than significant.

The following mitigation measures would reduce the significant impacts associated with cancer risk levels below the SDAPCD thresholds:

MM-HR-1 The applicant or its successor shall install high-efficiency return air filters on all heating, ventilation, and air conditioning (HVAC) systems serving any residential unit located in the northeastern and southeastern portions of the Town Center that

Health Risk Assessment for the Newland Sierra Project

is identified as having a risk factor of 10 in 1 million or higher as identified in Figure 7. The air filtration system shall reduce at least 95% of particulate matter emissions, such as can be achieved with a Minimum Efficiency Reporting Value 16 (MERV 16) air filtration system installed on return vents in residential units. The Homeowners Association (HOA) property management for these multifamily residential receptors shall maintain the air filtration system on any HVAC system installed for the specified residential units in accordance with the manufacturer's recommendations for the life of the project.

MM-HR-2 The applicant or its successor shall locate air intake vents on the residential buildings such that they do not face the Interstate 15 freeway and are as far from Interstate 15 as practicable.

MM-HR-3 A County-approved, ASHRAE certified specialist shall verify the implementation of the installation of high-efficiency air filtration systems on return vents to reduce ambient particulate matter concentrations prior to occupancy of residential units located in the impacted area of the Town Center as shown in Figure 7.

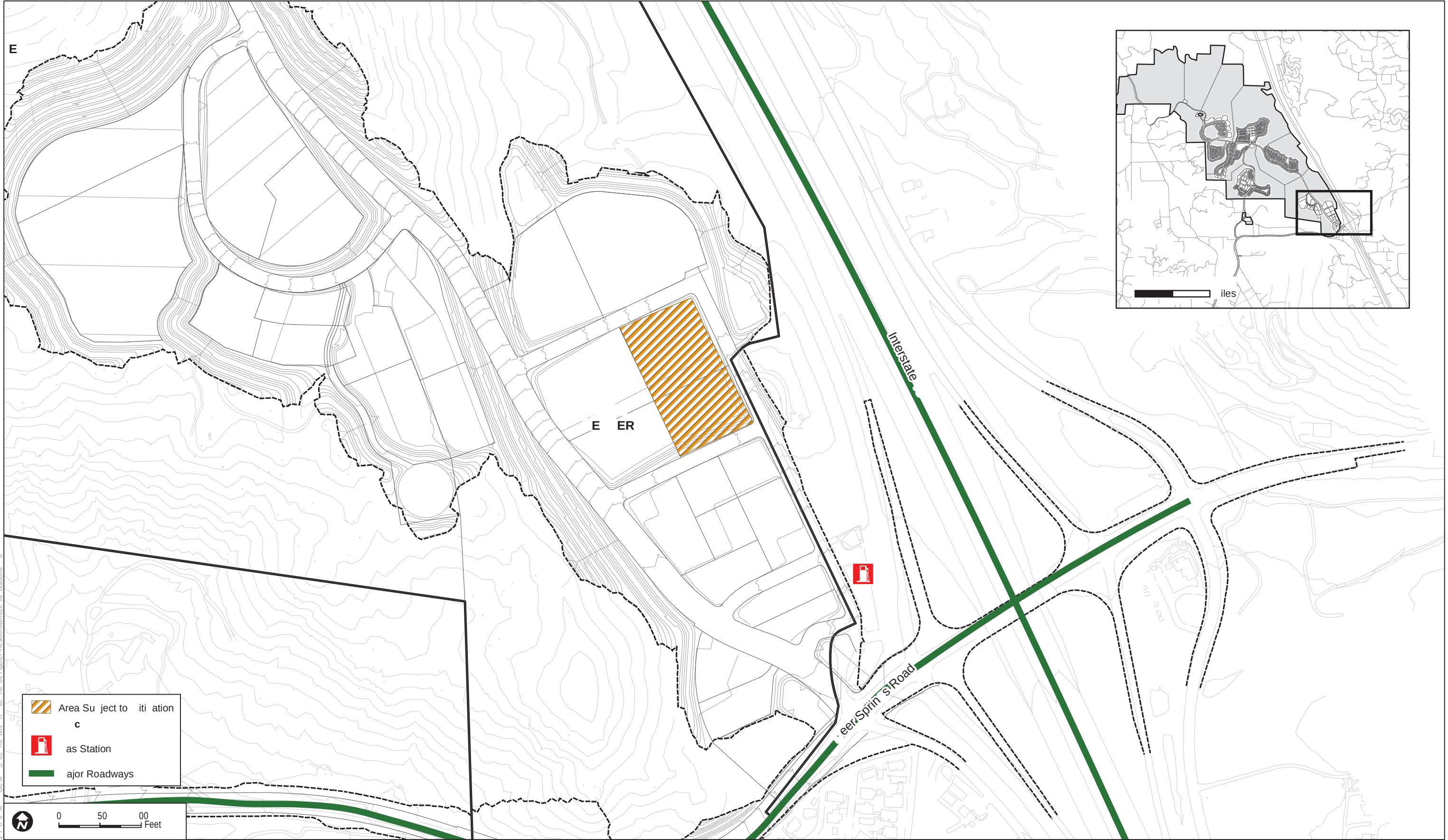
MM-HR-4 The applicant or its successor shall require the following measures be implemented into the final design of the multifamily residential units located in the northeastern and southeastern portions of the Town Center that is identified as having a risk factor of 10 in 1 million or higher as identified in Figure 7:

- Openable doors and windows shall be located on building faces that do not face the freeway. All windows facing the Interstate 15 freeway shall be fixed in place and not openable.
- No playgrounds, benches, or other passive or active activity areas shall be located in the risk-impacted northeastern or southeastern corners of the Town Center, in order to limit outdoor activities and exposure.

MM-HR-5 As part of landscape design and vegetation palette for the project, installation of tiered vegetative landscaping is encouraged, including the installation of evergreen trees, between the Interstate 15 freeway and Town Center residential units. Any vegetation selected shall be compatible with the proposed project Fire Protection Plan. The tiered vegetation shall be maintained as part of the residential community landscaping areas where feasible.

Implementing Mitigation Measures MM-HR-1, MM-HR-2, MM-HR-3, MM-HR-4, and MM-HR-5 would reduce the maximum cancer risks at the residential point of maximum impact to 9.1 in 1 million, which is below the threshold of significance.

INTENTIONALLY LEFT BLANK



INTENTIONALLY LEFT BLANK

5 CONCLUSIONS

The results determined in this analysis reflect reasonable estimates of source emissions and exhaust characteristics, available meteorological data near the project site, and the use of currently approved air quality models. Given the limits of available tools for such an analysis, the actual impacts may vary from the estimates in this assessment. However, the combined use of the AERMOD dispersion model and the health impact calculations required by the OEHHA and the SDAPCD tend to overpredict impacts, such that they produce conservative (i.e., health-protective) results. The HRA incorporates various conservative assumptions. For example, cancer risk was calculated for residential exposure using the standard upper-bound assumptions that every resident is exposed continuously when present at a residence (assumed to be more than 70% of the time) for 30 years. Furthermore, residential risks are calculated assuming continuous exposure to outdoor/ambient concentrations, even though people typically spend more than 90% of their time indoors. People also move from place to place (and often away from project emissions) during the day for work, school, shopping, or other purposes. For this reason, the estimated cancer risks and noncancer hazard indices reported in this analysis are likely upper-bound estimates for potential exposure to project-related emissions. In addition, the estimated cancer risks and noncancer hazard indices represent the maximum exposed individual (resident) and do not represent the risk over a broad area. The actual risks of cancer or noncancer effects from the project are likely to be lower than presented in this report.

Based on this analysis, students attending the school on site would be exposed to a maximum cancer risk of approximately 4.2 in 1 million. Project residents, specifically those located in the northeast and southeast corners of the Town Center residential area, would be exposed to a maximum cancer risk of approximately 9.1 in 1 million upon implementation of recommended mitigation measures MM-HR-1, MM-HR-2, MM-HR-3, MM-HR-4, and MM-HR-5. The cancer risks on the project site would not exceed the SDAPCD threshold of 10 in 1 million for cancer impacts after mitigation. The project residents would be exposed to a maximum chronic hazard index of approximately 0.02. The project residents would be exposed to a maximum acute hazard index of approximately 0.1. Therefore, the resulting maximum chronic and acute hazard indices are less than the SDAPCD threshold of 1.0 for chronic and acute noncancer health impacts. With implementation of mitigation measures, the health impacts to on-site receptors would be less than significant.

INTENTIONALLY LEFT BLANK

6 REFERENCES

- ASHRAE (American Society of Heating, Refrigerating, and Air-Conditioning Engineers Inc.). 2007. Method of Testing General Ventilation Air-Cleaning Devices for Removal Efficiency by Particle Size. ANSI/ASHRAE Standard 52.2-2007.
- Caltrans (California Department of Transportation). n.d. 2013 Annual Average Daily Truck Traffic on the California State Highway System. Compiled by Traffic and Vehicle Data Systems. http://www.dot.ca.gov/trafficops/census/docs/2013_aadt_volumes.pdf
- CARB (California Air Resources Board). 1998. "Proposed Identification of Diesel Exhaust as a Toxic Air Contaminant." April 1998.
- CARB. 2005. *Air Quality and Land Use Handbook: A Community Health Perspective*. April 2005.
- CARB. 2017. "Consolidated Table of OEHHA/ARB Approved Risk Assessment Health Values. February 23, 2017. <http://www.arb.ca.gov/toxics/healthval/healthval.htm>.
- County of San Diego. 2007. Guidelines for Determining Significance and Report Format and Content Requirements Air Quality. March 19, 2007.
- EPA (U.S. Environmental Protection Agency). 2013. "Transportation Conformity Guidance for Quantitative Hot-Spot Analyses in PM_{2.5} and PM₁₀ Nonattainment and Maintenance Areas." November 2013.
- Fisk, W.J., D. Faulkner, J. Palonen, and O. Seppanen. 2002. "Performance and costs of particle air filtration technologies." *Indoor Air* 12: 223–234.
- Fujii, Erin et al. 2008. "Removal Rates of Particulate Matter onto Vegetation as a Function of Particle Size, Final Report to Breathe California of Sacramento-Emigrant Trails Health Effects Task Force (HETF) and Sacramento Metropolitan AQMD", April 2008.
- Fuller, Micah et. al. 2009. UC Davis. "Practical Mitigation Measures for Diesel Particulate Matter: Near-Road Vegetation Barriers", July 14, 2009.
- Lakes Environmental Software. 2012. *AERMOD View Software*. Version 7.6.1. Waterloo, Ontario: Lakes Environmental Software.
- LLG (Linscott Law & Greenspan Engineers). 2014. Traffic Counts for Newland Sierra.

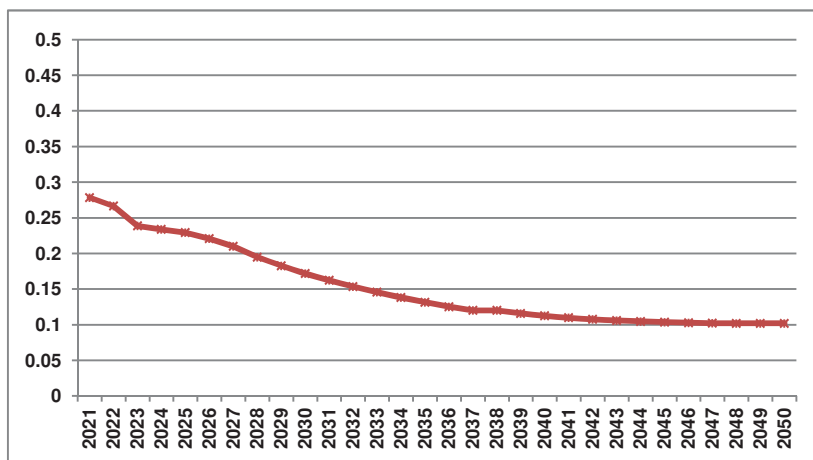
Health Risk Assessment for the Newland Sierra Project

- OEHHA (California EPA/Office of Environmental Health Hazard Assessment). 2015. *Air Toxics Hot Spot Program – Risk Assessment Guidelines – Guidance Manual for Preparation of Health Risk Assessments*. February 2015. http://www.oehha.ca.gov/air/hot_spots/2015/2015GuidanceManual.pdf
- SCAQMD (South Coast Air Quality Management District). 2007. “Emission Inventory and Risk Assessment Guidelines for Gasoline Dispensing Stations.” January 2007.
- SDAPCD (San Diego Air Pollution Control District). 2006. Supplemental Guidelines for Submission of Air Toxics “Hot Spots” Program Health Risk Assessment (HRAs). June 2006.
- SDAPCD. 2015. Supplemental Guidelines for Submission of Air Toxics “Hot Spots” Program Health Risk Assessments (HRAs). June 2015.
- SDAPCD. 2016. Regulation XII, Rule 1210, Toxic Air Contaminant Public Health Risks – Public Notification and Risk Reduction. Revised June 14, 2016.
- SMAQMD (Sacramento Metropolitan Air Quality Management District). 2011. “Recommended Protocol for Evaluating the Location of Sensitive Land Uses Adjacent to Major Roadways.” March 2011.

APPENDIX A

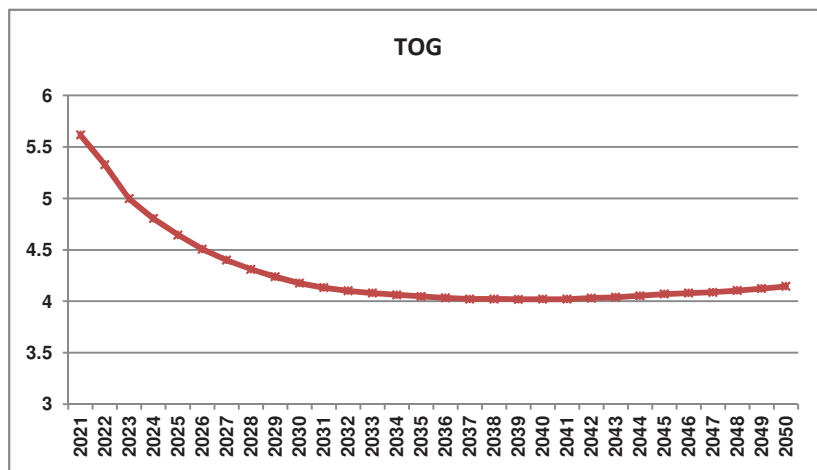
Emission Calculations

Figure A-1. PM₁₀ Estimated Emissions in San Diego County from 2021 through 2035¹



1. Estimated using EMFAC2014 model.

Figure A-2. TOG Estimated Emissions in San Diego County from 2021 through 2035¹



1. Estimated using EMFAC2014 model.

Table A-1a. I-15 Freeway Emission Estimation

Vehicle Class	Fuel Type	Vehicle Volume ¹	Distance ² (meter)	Daily VMT	PM10			TOG		
					EF (g/mile)	Emission (lb/hr)	Emission (lb/yr)	EF (g/mile)	Emission (lb/hr)	Emission (lb/yr)
LDA	GAS	74,140	2847	131,185	1.29E-03	1.55E-02	1.36E+02	1.83E-02	2.21E-01	1.93E+03
LDA	DSL	872	2847	1,543	9.15E-03	1.30E-03	1.14E+01	1.52E-02	2.15E-03	1.88E+01
LDT1	GAS	6,242	2847	11,045	1.92E-03	1.95E-03	1.71E+01	3.18E-02	3.23E-02	2.83E+02
LDT1	DSL	9	2847	16	1.05E-01	1.57E-04	1.38E+00	1.51E-01	2.27E-04	1.99E+00
LDT2	GAS	23,647	2847	41,842	1.24E-03	4.76E-03	4.17E+01	1.54E-02	5.92E-02	5.19E+02
LDT2	DSL	44	2847	78	5.11E-03	3.67E-05	3.22E-01	1.10E-02	7.88E-05	6.90E-01
MCY	GAS	942	2847	1,667	1.52E-03	2.33E-04	2.04E+00	2.22E+00	3.40E-01	2.98E+03
LHDT1	GAS	881	2847	1,559	1.05E-03	1.50E-04	1.32E+00	5.81E-02	8.32E-03	7.29E+01
LHDT1	DSL	967	2847	1,711	2.03E-02	3.20E-03	2.80E+01	9.77E-02	1.54E-02	1.34E+02
LHDT2	GAS	171	2847	303	7.29E-04	2.03E-05	1.78E-01	1.97E-02	5.49E-04	4.81E+00
LHDT2	DSL	344	2847	609	1.38E-02	7.73E-04	6.77E+00	5.90E-02	3.30E-03	2.89E+01
MDV	GAS	11,187	2847	19,794	1.29E-03	2.35E-03	2.06E+01	3.06E-02	5.57E-02	4.88E+02
MDV	DSL	185	2847	328	4.65E-03	1.40E-04	1.23E+00	8.60E-03	2.59E-04	2.27E+00
MH	GAS	430	2847	761	1.51E-03	1.05E-04	9.24E-01	1.57E-01	1.10E-02	9.63E+01
MH	DSL	107	2847	190	1.38E-01	2.39E-03	2.10E+01	7.07E-02	1.23E-03	1.08E+01
MHDT	GAS	117	2847	206	8.19E-04	1.55E-05	1.36E-01	7.61E-02	1.44E-03	1.27E+01
MHDT	DSL	901	2847	1,594	6.06E-03	8.87E-04	7.77E+00	1.86E-02	2.72E-03	2.38E+01
HHDT	GAS	6	2847	10	6.60E-04	6.22E-07	5.45E-03	4.38E-01	4.12E-04	3.61E+00
HHDT	DSL	594	2847	1,051	1.51E-02	1.46E-03	1.28E+01	5.21E-02	5.03E-03	4.41E+01
OBUS	GAS	64	2847	113	6.76E-04	7.03E-06	6.16E-02	4.28E-02	4.45E-04	3.90E+00
OBUS	DSL	37	2847	66	1.51E-02	9.13E-05	8.00E-01	4.29E-02	2.60E-04	2.27E+00
SBUS	GAS	15	2847	26	8.29E-04	1.96E-06	1.72E-02	9.74E-02	2.31E-04	2.02E+00
SBUS	DSL	49	2847	87	2.83E-02	2.27E-04	1.99E+00	4.63E-02	3.71E-04	3.25E+00
UBUS	GAS	17	2847	31	6.46E-04	1.82E-06	1.59E-02	1.07E-01	3.00E-04	2.63E+00
UBUS	DSL	31	2847	54	2.77E-01	1.38E-03	1.20E+01	5.19E-01	2.58E-03	2.26E+01

1. Estimated based on the EMFAC2014 population provided for each vehicle class and the average daily traffic provided by Caltrans.

2. Based on the modeled link length used in the AERMOD model.

Emission Summary

	PM10	TOG
Auto - Gas	196.704	5,718.695
Auto - Diesel	13.063	21.503
Truck - Gas	23.275	686.850
Truck - Diesel	92.353	272.497

Table A-1b. Mesa Rock Road to I-15 Emission Estimation

Vehicle Class	Fuel Type	Vehicle Volume ¹	Distance ² (meter)	Daily VMT	PM10			TOG		
					EF (g/mile)	Emission (lb/hr)	Emission (lb/yr)	EF (g/mile)	Emission (lb/hr)	Emission (lb/yr)
LDA	GAS	13,005	190	1,533	1.29E-03	1.81E-04	1.59E+00	1.83E-02	2.58E-03	2.26E+01
LDA	DSL	153	190	18	9.15E-03	1.52E-05	1.33E-01	1.52E-02	2.51E-05	2.20E-01
LDT1	GAS	1,095	190	129	1.92E-03	2.28E-05	1.99E-01	3.18E-02	3.77E-04	3.31E+00
LDT1	DSL	2	190	0	1.05E-01	1.84E-06	1.61E-02	1.51E-01	2.65E-06	2.32E-02
LDT2	GAS	4,148	190	489	1.24E-03	5.57E-05	4.88E-01	1.54E-02	6.92E-04	6.06E+00
LDT2	DSL	8	190	1	5.11E-03	4.29E-07	3.76E-03	1.10E-02	9.21E-07	8.07E-03
MCY	GAS	165	190	19	1.52E-03	2.73E-06	2.39E-02	2.22E+00	3.98E-03	3.49E+01
LHDT1	GAS	155	190	18	1.05E-03	1.76E-06	1.54E-02	5.81E-02	9.72E-05	8.52E-01
LHDT1	DSL	170	190	20	2.03E-02	3.74E-05	3.27E-01	9.77E-02	1.79E-04	1.57E+00
LHDT2	GAS	30	190	4	7.29E-04	2.37E-07	2.08E-03	1.97E-02	6.41E-06	5.62E-02
LHDT2	DSL	60	190	7	1.38E-02	9.04E-06	7.92E-02	5.90E-02	3.86E-05	3.38E-01
MDV	GAS	1,962	190	231	1.29E-03	2.75E-05	2.41E-01	3.06E-02	6.51E-04	5.71E+00
MDV	DSL	32	190	4	4.65E-03	1.64E-06	1.43E-02	8.60E-03	3.02E-06	2.65E-02
MH	GAS	75	190	9	1.51E-03	1.23E-06	1.08E-02	1.57E-01	1.28E-04	1.13E+00
MH	DSL	19	190	2	1.38E-01	2.80E-05	2.45E-01	7.07E-02	1.44E-05	1.26E-01
MHDT	GAS	20	190	2	8.19E-04	1.82E-07	1.59E-03	7.61E-02	1.69E-05	1.48E-01
MHDT	DSL	158	190	19	6.06E-03	1.04E-05	9.09E-02	1.86E-02	3.18E-05	2.79E-01
HHDT	GAS	1	190	0	6.60E-04	7.27E-09	6.36E-05	4.38E-01	4.82E-06	4.22E-02
HHDT	DSL	104	190	12	1.51E-02	1.70E-05	1.49E-01	5.21E-02	5.88E-05	5.15E-01
OBUS	GAS	11	190	1	6.76E-04	8.22E-08	7.20E-04	4.28E-02	5.21E-06	4.56E-02
OBUS	DSL	7	190	1	1.51E-02	1.07E-06	9.35E-03	4.29E-02	3.04E-06	2.66E-02
SBUS	GAS	3	190	0	8.29E-04	2.30E-08	2.01E-04	9.74E-02	2.70E-06	2.36E-02
SBUS	DSL	9	190	1	2.83E-02	2.65E-06	2.32E-02	4.63E-02	4.34E-06	3.80E-02
UBUS	GAS	3	190	0	6.46E-04	2.12E-08	1.86E-04	1.07E-01	3.51E-06	3.07E-02
UBUS	DSL	5	190	1	2.77E-01	1.61E-05	1.41E-01	5.19E-01	3.02E-05	2.64E-01

1. Estimated based on the EMFAC2014 population provided for each vehicle class and the average daily traffic provided in the traffic report.

2. Based on the modeled link length used in the AERMOD model.

Emission Summary

	PM10	TOG
Auto - Gas	2.29902	66.83849
Auto - Diesel	0.152672	0.251322
Truck - Gas	0.27205	8.02828
Truck - Diesel	1.07948	3.18509

Table A-1c. Sarver Lane to Mesa Rock Road Emission Estimation

Vehicle Class	Fuel Type	Vehicle Volume ¹	Distance ² (meter)	Daily VMT	PM10			TOG		
					EF (g/mile)	Emission (lb/hr)	Emission (lb/yr)	EF (g/mile)	Emission (lb/hr)	Emission (lb/yr)
LDA	GAS	10,878	2127	14,376	1.29E-03	1.70E-03	1.49E+01	1.83E-02	2.42E-02	2.12E+02
LDA	DSL	128	2127	169	9.15E-03	1.42E-04	1.25E+00	1.52E-02	2.36E-04	2.06E+00
LDT1	GAS	916	2127	1,210	1.92E-03	2.14E-04	1.87E+00	3.18E-02	3.54E-03	3.10E+01
LDT1	DSL	1	2127	2	1.05E-01	1.72E-05	1.51E-01	1.51E-01	2.48E-05	2.18E-01
LDT2	GAS	3,470	2127	4,585	1.24E-03	5.22E-04	4.57E+00	1.54E-02	6.49E-03	5.68E+01
LDT2	DSL	6	2127	9	5.11E-03	4.02E-06	3.53E-02	1.10E-02	8.63E-06	7.56E-02
MCY	GAS	138	2127	183	1.52E-03	2.56E-05	2.24E-01	2.22E+00	3.73E-02	3.27E+02
LHDT1	GAS	129	2127	171	1.05E-03	1.65E-05	1.44E-01	5.81E-02	9.11E-04	7.98E+00
LHDT1	DSL	142	2127	188	2.03E-02	3.50E-04	3.07E+00	9.77E-02	1.68E-03	1.47E+01
LHDT2	GAS	25	2127	33	7.29E-04	2.22E-06	1.95E-02	1.97E-02	6.01E-05	5.27E-01
LHDT2	DSL	50	2127	67	1.38E-02	8.47E-05	7.42E-01	5.90E-02	3.62E-04	3.17E+00
MDV	GAS	1,641	2127	2,169	1.29E-03	2.58E-04	2.26E+00	3.06E-02	6.11E-03	5.35E+01
MDV	DSL	27	2127	36	4.65E-03	1.53E-05	1.34E-01	8.60E-03	2.84E-05	2.48E-01
MH	GAS	63	2127	83	1.51E-03	1.16E-05	1.01E-01	1.57E-01	1.20E-03	1.06E+01
MH	DSL	16	2127	21	1.38E-01	2.62E-04	2.30E+00	7.07E-02	1.35E-04	1.18E+00
MHDT	GAS	17	2127	23	8.19E-04	1.70E-06	1.49E-02	7.61E-02	1.58E-04	1.39E+00
MHDT	DSL	132	2127	175	6.06E-03	9.72E-05	8.52E-01	1.86E-02	2.98E-04	2.61E+00
HHDT	GAS	1	2127	1	6.60E-04	6.81E-08	5.97E-04	4.38E-01	4.52E-05	3.96E-01
HHDT	DSL	87	2127	115	1.51E-02	1.60E-04	1.40E+00	5.21E-02	5.51E-04	4.83E+00
OBUS	GAS	9	2127	12	6.76E-04	7.71E-07	6.75E-03	4.28E-02	4.88E-05	4.28E-01
OBUS	DSL	5	2127	7	1.51E-02	1.00E-05	8.76E-02	4.29E-02	2.85E-05	2.49E-01
SBUS	GAS	2	2127	3	8.29E-04	2.15E-07	1.89E-03	9.74E-02	2.53E-05	2.22E-01
SBUS	DSL	7	2127	10	2.83E-02	2.48E-05	2.18E-01	4.63E-02	4.07E-05	3.56E-01
UBUS	GAS	3	2127	3	6.46E-04	1.99E-07	1.75E-03	1.07E-01	3.29E-05	2.88E-01
UBUS	DSL	4	2127	6	2.77E-01	1.51E-04	1.32E+00	5.19E-01	2.83E-04	2.48E+00

1. Estimated based on the EMFAC2014 population provided for each vehicle class and the average daily traffic provided in the traffic report.

2. Based on the modeled link length used in the AERMOD model.

Emission Summary

	PM10	TOG
Auto - Gas	21.5566	626.7061
Auto - Diesel	1.43152	2.35650
Truck - Gas	2.5508	75.2766
Truck - Diesel	10.1216	29.8648

Table A-2. Weighted Maximum Hourly Emission Rates Used to Estimate Acute Risk

TACs	CAS #	Pollutant	I-15 (lb/hr)	SarLn&MesaRd (lb/hr)	MesaRd&I-15 (lb/hr)	Gas Station Loading&Breathing (lb/hr)	Gas Station Refueling	Gas Station Spillage
DPM	9901	PM10	--	--	--	--	--	--
Benzene	71432	TOG	3.88E-02	4.12E-03	4.53E-04	4.35E-03	6.09E-03	1.74E-03
Ethyl Benzene	100414	TOG	2.15E-04	4.05E-06	2.51E-06	2.75E-03	3.85E-03	1.10E-03
Hexane	110543	TOG	2.75E-02	3.01E-03	3.22E-04	1.30E-02	1.81E-02	5.18E-03
Styrene	100425	TOG	3.99E-03	4.33E-04	4.66E-05	0.00E+00	--	--
Toluene	108883	TOG	1.15E-01	1.25E-02	1.35E-03	1.85E-02	2.60E-02	7.42E-03
Xylene	1330207	TOG	7.34E-04	1.38E-05	8.58E-06	6.12E-03	8.57E-03	2.45E-03
Formaldehyde	50000	TOG	2.98E-02	2.32E-03	3.48E-04	--	--	--
Naphthalene	91203	TOG	1.17E-03	1.22E-04	1.36E-05	--	--	--
Acetaldehyde	75070	TOG	1.32E-02	9.74E-04	1.54E-04	--	--	--
Acrolein	107028	TOG	1.74E-03	1.90E-04	2.03E-05	--	--	--
1,3-Butadiene	106990	TOG	1.09E-02	1.19E-03	1.28E-04	--	--	--
2,2,4-Trimethylpentane	540841	TOG	--	--	--	6.30E-03	8.82E-03	2.52E-03
Methanol	67561	TOG	8.61E-02	9.17E-03	1.01E-03	--	--	--
Methyl Ethyl Ketone	78933	TOG	1.99E-03	1.24E-04	2.33E-05	--	--	--
Propylene	115071	TOG	1.83E-03	3.45E-05	2.14E-05	--	--	--
Cadmium	7440439	PM	3.91E-04	4.29E-05	4.57E-06	--	--	--
Arsenic	7440382	PM	1.26E-05	1.38E-06	1.48E-07	--	--	--
Nickel	7440020	PM	7.44E-05	8.15E-06	8.69E-07	--	--	--
Copper	7440508	PM	8.95E-05	9.81E-06	1.05E-06	--	--	--
Manganese	7439965	PM	1.27E-04	1.40E-05	1.49E-06	--	--	--
Mercury	7439976	PM	7.58E-05	8.31E-06	8.86E-07	--	--	--
Selenium	7782492	PM	2.53E-05	2.77E-06	2.95E-07	--	--	--
Chlorine	7782505	PM	4.56E-03	5.00E-04	5.33E-05	--	--	--

Table A-3. Weighted Annual Average Emission Rates Used to Estimate Chronic Risk

TACs	CAS #	Pollutant	I-15 (lb/hr)	SarLn&MesaRd (lb/hr)	MesaRd&I-15 (lb/hr)	Gas Station Loading&Breathing (lb/hr)	Gas Station Refueling	Gas Station Spillage
DPM	9901	PM10	1.05E+02	1.16E+01	1.23E+00	--	--	--
Benzene	71432	TOG	1.62E+02	1.72E+01	1.89E+00	6.35E+00	8.89E+00	2.54E+00
Ethyl Benzene	100414	TOG	8.97E-01	1.69E-02	1.05E-02	4.02E+00	5.62E+00	1.61E+00
Hexane	110543	TOG	1.15E+02	1.25E+01	1.34E+00	1.89E+01	2.65E+01	7.57E+00
Styrene	100425	TOG	1.66E+01	1.81E+00	1.94E-01	--	--	--
Toluene	108883	TOG	4.81E+02	5.23E+01	5.62E+00	2.71E+01	3.79E+01	1.08E+01
Xylene	1330207	TOG	3.06E+00	5.77E-02	3.58E-02	8.94E+00	1.25E+01	3.58E+00
Formaldehyde	50000	TOG	1.24E+02	9.69E+00	1.45E+00	--	--	--
Naphthalene	91203	TOG	4.86E+00	5.10E-01	5.68E-02	--	--	--
Acetaldehyde	75070	TOG	5.50E+01	4.06E+00	6.43E-01	--	--	--
Acrolein	107028	TOG	7.24E+00	7.93E-01	8.46E-02	--	--	--
1,3-Butadiene	106990	TOG	4.57E+01	4.95E+00	5.34E-01	--	--	--
2,2,4-Trimethylpentane	540841	TOG	--	--	--	9.20E+00	1.29E+01	3.68E+00
Methanol	67561	TOG	3.59E+02	3.83E+01	4.20E+00	--	--	--
Methyl Ethyl Ketone	78933	TOG	8.31E+00	5.17E-01	9.72E-02	--	--	--
Propylene	115071	TOG	7.64E+00	1.44E-01	8.92E-02	--	--	--
Cadmium	7440439	PM	--	--	--	--	--	--
Arsenic	7440382	PM	--	--	--	--	--	--
Nickel	7440020	PM	--	--	--	--	--	--
Copper	7440508	PM	--	--	--	--	--	--
Manganese	7439965	PM	--	--	--	--	--	--
Mercury	7439976	PM	--	--	--	--	--	--
Selenium	7782492	PM	--	--	--	--	--	--
Chlorine	7782505	PM	--	--	--	--	--	--

APPENDIX B

AERMOD Modeling Results


```

**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 8.8.9
** Lakes Environmental Software Inc.
** Date: 4/25/2015
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Users\Newlands Sierra\NS 2010
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  POLLUTID RISK
  FLAGPOLE 1.80
  RUNORNOT RUN
  ERRORFIL "NS 2011.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** -----
** Line Source Represented by Separated Volume Sources
** LINE VOLUME Source ID = I15
** DESCRSRC I-15 Freeway
** PREFIX
** Length of Side = 14.63
** Configuration = Separated
** Emission Rate = 1.0
** Vertical Dimension = 1.60
** SZINIT = 0.74
** Nodes = 23
** 488256.069, 3673174.801, 308.81, 1.60, 13.58
** 488158.936, 3673401.257, 315.83, 1.60, 13.58
** 488047.412, 3673591.768, 302.81, 1.60, 13.58
** 487921.498, 3673814.630, 289.29, 1.60, 13.58
** 487766.804, 3674080.626, 287.47, 1.60, 13.58
** 487651.683, 3674267.542, 287.40, 1.60, 13.58
** 487558.146, 3674425.702, 293.69, 1.60, 13.58
** 487536.561, 3674493.999, 307.79, 1.60, 13.58
** 487479.001, 3674569.484, 291.60, 1.60, 13.58

```

** 487399.855, 3674666.537, 269.69, 1.60, 13.58
 ** 487371.074, 3674731.239, 281.34, 1.60, 13.58
 ** 487324.306, 3674788.751, 263.96, 1.60, 13.58
 ** 487302.721, 3674835.480, 268.94, 1.60, 13.58
 ** 487227.173, 3674907.371, 250.07, 1.60, 13.58
 ** 487212.783, 3674950.506, 251.85, 1.60, 13.58
 ** 487176.807, 3674993.640, 240.22, 1.60, 13.58
 ** 487144.429, 3675054.748, 228.50, 1.60, 13.58
 ** 487097.661, 3675101.477, 219.43, 1.60, 13.58
 ** 487058.089, 3675202.124, 235.20, 1.60, 13.58
 ** 487004.125, 3675288.393, 232.08, 1.60, 13.58
 ** 486910.589, 3675435.769, 238.21, 1.60, 13.58
 ** 486889.004, 3675493.282, 225.56, 1.60, 13.58
 ** 486813.456, 3675608.307, 253.79, 1.60, 13.58

**

LOCATION	L0007190	VOLUME	488253.186	3673181.524	309.03
LOCATION	L0007191	VOLUME	488241.675	3673208.359	309.83
LOCATION	L0007192	VOLUME	488230.165	3673235.194	310.45
LOCATION	L0007193	VOLUME	488218.654	3673262.030	310.92
LOCATION	L0007194	VOLUME	488207.144	3673288.865	311.57
LOCATION	L0007195	VOLUME	488195.633	3673315.701	313.13
LOCATION	L0007196	VOLUME	488184.123	3673342.536	314.70
LOCATION	L0007197	VOLUME	488172.612	3673369.371	315.49
LOCATION	L0007198	VOLUME	488161.102	3673396.207	315.54
LOCATION	L0007199	VOLUME	488146.960	3673421.714	315.70
LOCATION	L0007200	VOLUME	488132.208	3673446.914	315.46
LOCATION	L0007201	VOLUME	488117.457	3673472.114	315.75
LOCATION	L0007202	VOLUME	488102.705	3673497.313	314.69
LOCATION	L0007203	VOLUME	488087.953	3673522.513	313.40
LOCATION	L0007204	VOLUME	488073.202	3673547.712	311.54
LOCATION	L0007205	VOLUME	488058.450	3673572.912	305.66
LOCATION	L0007206	VOLUME	488043.796	3673598.168	302.18
LOCATION	L0007207	VOLUME	488029.433	3673623.590	299.40
LOCATION	L0007208	VOLUME	488015.069	3673649.013	297.42
LOCATION	L0007209	VOLUME	488000.705	3673674.436	296.38
LOCATION	L0007210	VOLUME	487986.342	3673699.859	295.52
LOCATION	L0007211	VOLUME	487971.978	3673725.282	293.74
LOCATION	L0007212	VOLUME	487957.615	3673750.705	292.58
LOCATION	L0007213	VOLUME	487943.251	3673776.127	292.33
LOCATION	L0007214	VOLUME	487928.888	3673801.550	290.40
LOCATION	L0007215	VOLUME	487914.371	3673826.885	287.84
LOCATION	L0007216	VOLUME	487899.691	3673852.127	286.15
LOCATION	L0007217	VOLUME	487885.011	3673877.368	284.15
LOCATION	L0007218	VOLUME	487870.332	3673902.610	284.23
LOCATION	L0007219	VOLUME	487855.652	3673927.851	284.76
LOCATION	L0007220	VOLUME	487840.973	3673953.093	284.74
LOCATION	L0007221	VOLUME	487826.293	3673978.335	284.44
LOCATION	L0007222	VOLUME	487811.613	3674003.576	284.55
LOCATION	L0007223	VOLUME	487796.934	3674028.818	284.71
LOCATION	L0007224	VOLUME	487782.254	3674054.059	284.89
LOCATION	L0007225	VOLUME	487767.574	3674079.301	287.57
LOCATION	L0007226	VOLUME	487752.295	3674104.184	287.51
LOCATION	L0007227	VOLUME	487736.982	3674129.046	284.51
LOCATION	L0007228	VOLUME	487721.669	3674153.909	287.21

LOCATION	L0007229	VOLUME	487706.356	3674178.771	286.65
LOCATION	L0007230	VOLUME	487691.043	3674203.634	285.73
LOCATION	L0007231	VOLUME	487675.731	3674228.497	283.62
LOCATION	L0007232	VOLUME	487660.418	3674253.359	285.28
LOCATION	L0007233	VOLUME	487645.298	3674278.338	288.98
LOCATION	L0007234	VOLUME	487630.434	3674303.472	291.78
LOCATION	L0007235	VOLUME	487615.570	3674328.605	291.39
LOCATION	L0007236	VOLUME	487600.706	3674353.739	295.61
LOCATION	L0007237	VOLUME	487585.842	3674378.872	294.79
LOCATION	L0007238	VOLUME	487570.978	3674404.006	294.25
LOCATION	L0007239	VOLUME	487556.943	3674429.510	293.39
LOCATION	L0007240	VOLUME	487548.144	3674457.352	300.55
LOCATION	L0007241	VOLUME	487539.344	3674485.194	306.56
LOCATION	L0007242	VOLUME	487524.454	3674509.876	310.00
LOCATION	L0007243	VOLUME	487506.749	3674533.095	304.48
LOCATION	L0007244	VOLUME	487489.043	3674556.314	294.62
LOCATION	L0007245	VOLUME	487471.014	3674579.278	286.88
LOCATION	L0007246	VOLUME	487452.560	3674601.907	284.31
LOCATION	L0007247	VOLUME	487434.106	3674624.537	280.13
LOCATION	L0007248	VOLUME	487415.652	3674647.166	269.71
LOCATION	L0007249	VOLUME	487398.146	3674670.378	267.90
LOCATION	L0007250	VOLUME	487386.279	3674697.058	272.59
LOCATION	L0007251	VOLUME	487374.411	3674723.737	280.78
LOCATION	L0007252	VOLUME	487357.832	3674747.524	280.77
LOCATION	L0007253	VOLUME	487339.409	3674770.179	273.17
LOCATION	L0007254	VOLUME	487322.100	3674793.528	263.90
LOCATION	L0007255	VOLUME	487309.855	3674820.036	269.58
LOCATION	L0007256	VOLUME	487293.892	3674843.882	268.03
LOCATION	L0007257	VOLUME	487272.739	3674864.011	257.73
LOCATION	L0007258	VOLUME	487251.586	3674884.140	249.20
LOCATION	L0007259	VOLUME	487230.433	3674904.269	247.60
LOCATION	L0007260	VOLUME	487219.356	3674930.802	253.05
LOCATION	L0007261	VOLUME	487207.385	3674956.978	252.68
LOCATION	L0007262	VOLUME	487188.682	3674979.402	246.44
LOCATION	L0007263	VOLUME	487171.816	3675003.060	234.45
LOCATION	L0007264	VOLUME	487158.145	3675028.861	225.37
LOCATION	L0007265	VOLUME	487144.474	3675054.663	229.06
LOCATION	L0007266	VOLUME	487123.841	3675075.319	226.62
LOCATION	L0007267	VOLUME	487103.185	3675095.958	219.39
LOCATION	L0007268	VOLUME	487089.834	3675121.385	220.93
LOCATION	L0007269	VOLUME	487079.149	3675148.560	224.62
LOCATION	L0007270	VOLUME	487068.464	3675175.734	229.21
LOCATION	L0007271	VOLUME	487057.641	3675202.839	234.13
LOCATION	L0007272	VOLUME	487042.156	3675227.595	233.94
LOCATION	L0007273	VOLUME	487026.671	3675252.350	226.18
LOCATION	L0007274	VOLUME	487011.186	3675277.106	228.05
LOCATION	L0007275	VOLUME	486995.612	3675301.806	234.75
LOCATION	L0007276	VOLUME	486979.965	3675326.460	230.49
LOCATION	L0007277	VOLUME	486964.318	3675351.113	228.23
LOCATION	L0007278	VOLUME	486948.671	3675375.767	236.87
LOCATION	L0007279	VOLUME	486933.024	3675400.421	243.89
LOCATION	L0007280	VOLUME	486917.377	3675425.074	238.09
LOCATION	L0007281	VOLUME	486904.780	3675451.248	236.96
LOCATION	L0007282	VOLUME	486894.520	3675478.586	228.75

LOCATION	L0007283	VOLUME	486881.592	3675504.568	224.78
LOCATION	L0007284	VOLUME	486865.562	3675528.974	221.71
LOCATION	L0007285	VOLUME	486849.532	3675553.380	225.15
LOCATION	L0007286	VOLUME	486833.502	3675577.787	239.05
LOCATION	L0007287	VOLUME	486817.472	3675602.193	253.13

** End of LINE VOLUME Source ID = I15
 ** -----
 ** Line Source Represented by Separated Volume Sources
 ** LINE VOLUME Source ID = DRSPR1
 ** DESCRSRC Mesa Rock Rd to I-15
 ** PREFIX
 ** Length of Side = 7.32
 ** Configuration = Separated
 ** Emission Rate = 1.0
 ** Vertical Dimension = 1.60
 ** SZINIT = 0.74
 ** Nodes = 4
 ** 488258.231, 3673151.552, 308.27, 1.60, 6.53
 ** 488190.511, 3673108.576, 306.29, 1.60, 6.53
 ** 488128.001, 3673070.810, 305.86, 1.60, 6.53
 ** 488107.164, 3673040.857, 305.33, 1.60, 6.53
 ** -----

LOCATION	L0007163	VOLUME	488255.143	3673149.593	308.17
LOCATION	L0007164	VOLUME	488243.296	3673142.074	307.90
LOCATION	L0007165	VOLUME	488231.448	3673134.556	307.63
LOCATION	L0007166	VOLUME	488219.601	3673127.037	307.40
LOCATION	L0007167	VOLUME	488207.754	3673119.519	307.10
LOCATION	L0007168	VOLUME	488195.906	3673112.000	306.72
LOCATION	L0007169	VOLUME	488183.970	3673104.625	306.36
LOCATION	L0007170	VOLUME	488171.960	3673097.369	306.04
LOCATION	L0007171	VOLUME	488159.951	3673090.113	305.82
LOCATION	L0007172	VOLUME	488147.941	3673082.857	305.74
LOCATION	L0007173	VOLUME	488135.931	3673075.601	305.72
LOCATION	L0007174	VOLUME	488125.279	3673066.896	305.73
LOCATION	L0007175	VOLUME	488117.266	3673055.378	305.57
LOCATION	L0007176	VOLUME	488109.253	3673043.859	305.39

** End of LINE VOLUME Source ID = DRSPR1
 ** -----
 ** Line Source Represented by Separated Volume Sources
 ** LINE VOLUME Source ID = DRSPR2
 ** DESCRSRC
 ** PREFIX
 ** Length of Side = 7.32
 ** Configuration = Separated
 ** Emission Rate = 1.0
 ** Vertical Dimension = 1.60
 ** SZINIT = 0.74
 ** Nodes = 19
 ** 486914.264, 3672890.289, 246.73, 1.60, 6.77
 ** 487025.081, 3672907.337, 246.41, 1.60, 6.77
 ** 487125.668, 3672929.500, 247.23, 1.60, 6.77
 ** 487222.845, 3672946.549, 249.63, 1.60, 6.77
 ** 487318.317, 3672949.959, 252.37, 1.60, 6.77
 ** 487488.804, 3672953.369, 262.29, 1.60, 6.77

** 487570.637, 3672948.254, 267.08, 1.60, 6.77
 ** 487638.832, 3672931.205, 272.98, 1.60, 6.77
 ** 487705.322, 3672900.518, 277.59, 1.60, 6.77
 ** 487764.992, 3672873.240, 282.86, 1.60, 6.77
 ** 487790.565, 3672864.716, 284.65, 1.60, 6.77
 ** 487838.301, 3672861.306, 289.16, 1.60, 6.77
 ** 487892.857, 3672861.306, 291.39, 1.60, 6.77
 ** 487940.593, 3672871.535, 296.04, 1.60, 6.77
 ** 487974.690, 3672891.993, 299.79, 1.60, 6.77
 ** 488005.378, 3672922.681, 301.36, 1.60, 6.77
 ** 488046.295, 3672961.893, 302.96, 1.60, 6.77
 ** 488099.145, 3673040.317, 305.60, 1.60, 6.77
 ** 488099.145, 3673035.202, 305.16, 1.60, 6.77

**

LOCATION	L0007074	VOLUME	486917.880	3672890.845	246.68
LOCATION	L0007075	VOLUME	486932.271	3672893.059	246.68
LOCATION	L0007076	VOLUME	486946.663	3672895.273	246.64
LOCATION	L0007077	VOLUME	486961.054	3672897.487	246.55
LOCATION	L0007078	VOLUME	486975.446	3672899.701	246.40
LOCATION	L0007079	VOLUME	486989.837	3672901.915	246.23
LOCATION	L0007080	VOLUME	487004.229	3672904.129	246.21
LOCATION	L0007081	VOLUME	487018.620	3672906.343	246.29
LOCATION	L0007082	VOLUME	487032.917	3672909.064	246.42
LOCATION	L0007083	VOLUME	487047.137	3672912.197	246.57
LOCATION	L0007084	VOLUME	487061.357	3672915.330	246.59
LOCATION	L0007085	VOLUME	487075.576	3672918.463	246.49
LOCATION	L0007086	VOLUME	487089.796	3672921.597	246.45
LOCATION	L0007087	VOLUME	487104.016	3672924.730	246.68
LOCATION	L0007088	VOLUME	487118.236	3672927.863	247.09
LOCATION	L0007089	VOLUME	487132.514	3672930.701	247.49
LOCATION	L0007090	VOLUME	487146.856	3672933.218	247.84
LOCATION	L0007091	VOLUME	487161.197	3672935.734	248.16
LOCATION	L0007092	VOLUME	487175.539	3672938.250	248.46
LOCATION	L0007093	VOLUME	487189.881	3672940.766	248.77
LOCATION	L0007094	VOLUME	487204.223	3672943.282	249.11
LOCATION	L0007095	VOLUME	487218.565	3672945.798	249.34
LOCATION	L0007096	VOLUME	487233.054	3672946.914	249.25
LOCATION	L0007097	VOLUME	487247.605	3672947.433	249.03
LOCATION	L0007098	VOLUME	487262.157	3672947.953	249.88
LOCATION	L0007099	VOLUME	487276.708	3672948.473	251.28
LOCATION	L0007100	VOLUME	487291.260	3672948.992	251.80
LOCATION	L0007101	VOLUME	487305.812	3672949.512	252.15
LOCATION	L0007102	VOLUME	487320.364	3672950.000	252.49
LOCATION	L0007103	VOLUME	487334.922	3672950.291	252.87
LOCATION	L0007104	VOLUME	487349.480	3672950.582	253.43
LOCATION	L0007105	VOLUME	487364.038	3672950.873	253.96
LOCATION	L0007106	VOLUME	487378.596	3672951.164	254.35
LOCATION	L0007107	VOLUME	487393.154	3672951.456	254.74
LOCATION	L0007108	VOLUME	487407.712	3672951.747	255.78
LOCATION	L0007109	VOLUME	487422.270	3672952.038	257.79
LOCATION	L0007110	VOLUME	487436.828	3672952.329	258.85
LOCATION	L0007111	VOLUME	487451.385	3672952.620	259.56
LOCATION	L0007112	VOLUME	487465.943	3672952.911	260.18
LOCATION	L0007113	VOLUME	487480.501	3672953.202	261.10

LOCATION	L0007114	VOLUME	487495.048	3672952.978	263.42
LOCATION	L0007115	VOLUME	487509.581	3672952.070	265.33
LOCATION	L0007116	VOLUME	487524.113	3672951.162	265.61
LOCATION	L0007117	VOLUME	487538.646	3672950.253	265.74
LOCATION	L0007118	VOLUME	487553.178	3672949.345	266.06
LOCATION	L0007119	VOLUME	487567.711	3672948.437	266.77
LOCATION	L0007120	VOLUME	487581.919	3672945.434	268.49
LOCATION	L0007121	VOLUME	487596.045	3672941.902	270.50
LOCATION	L0007122	VOLUME	487610.171	3672938.370	271.49
LOCATION	L0007123	VOLUME	487624.297	3672934.839	272.58
LOCATION	L0007124	VOLUME	487638.423	3672931.307	273.03
LOCATION	L0007125	VOLUME	487651.670	3672925.280	272.85
LOCATION	L0007126	VOLUME	487664.891	3672919.178	273.19
LOCATION	L0007127	VOLUME	487678.111	3672913.076	275.06
LOCATION	L0007128	VOLUME	487691.332	3672906.974	276.79
LOCATION	L0007129	VOLUME	487704.553	3672900.873	277.59
LOCATION	L0007130	VOLUME	487717.794	3672894.816	278.02
LOCATION	L0007131	VOLUME	487731.037	3672888.762	279.24
LOCATION	L0007132	VOLUME	487744.280	3672882.708	281.03
LOCATION	L0007133	VOLUME	487757.522	3672876.655	282.44
LOCATION	L0007134	VOLUME	487771.014	3672871.233	282.93
LOCATION	L0007135	VOLUME	487784.828	3672866.628	283.88
LOCATION	L0007136	VOLUME	487799.056	3672864.109	285.47
LOCATION	L0007137	VOLUME	487813.580	3672863.072	287.19
LOCATION	L0007138	VOLUME	487828.104	3672862.034	288.56
LOCATION	L0007139	VOLUME	487842.639	3672861.306	289.41
LOCATION	L0007140	VOLUME	487857.200	3672861.306	290.10
LOCATION	L0007141	VOLUME	487871.761	3672861.306	290.68
LOCATION	L0007142	VOLUME	487886.322	3672861.306	291.07
LOCATION	L0007143	VOLUME	487900.704	3672862.987	291.61
LOCATION	L0007144	VOLUME	487914.942	3672866.038	292.60
LOCATION	L0007145	VOLUME	487929.180	3672869.089	293.79
LOCATION	L0007146	VOLUME	487943.070	3672873.021	295.96
LOCATION	L0007147	VOLUME	487955.556	3672880.513	298.53
LOCATION	L0007148	VOLUME	487968.041	3672888.004	299.33
LOCATION	L0007149	VOLUME	487979.504	3672896.807	300.01
LOCATION	L0007150	VOLUME	487989.800	3672907.103	300.84
LOCATION	L0007151	VOLUME	488000.096	3672917.399	301.22
LOCATION	L0007152	VOLUME	488010.497	3672927.587	301.51
LOCATION	L0007153	VOLUME	488021.010	3672937.662	301.78
LOCATION	L0007154	VOLUME	488031.523	3672947.737	302.17
LOCATION	L0007155	VOLUME	488042.036	3672957.811	302.63
LOCATION	L0007156	VOLUME	488051.135	3672969.076	302.96
LOCATION	L0007157	VOLUME	488059.273	3672981.151	303.45
LOCATION	L0007158	VOLUME	488067.410	3672993.226	304.22
LOCATION	L0007159	VOLUME	488075.547	3673005.300	304.73
LOCATION	L0007160	VOLUME	488083.685	3673017.375	305.07
LOCATION	L0007161	VOLUME	488091.822	3673029.450	305.35
LOCATION	L0007162	VOLUME	488099.145	3673038.860	305.53
** End of LINE VOLUME Source ID = DRSPR2					
LOCATION	GASSTATION	POINT	488099.870	3673203.980	310.500
** DESCRSRC Loading and Breathing					
LOCATION	GASSTATIONR	VOLUME	488099.870	3673203.980	310.500
** DESCRSRC Refueling					

LOCATION	GASSTATIONS	VOLUME	488099.870	3673203.980	310.500

** DESCRSRC Spilling

** Source Parameters **

** LINE VOLUME Source ID = I15

SRCPARAM	L0007190	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007191	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007192	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007193	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007194	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007195	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007196	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007197	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007198	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007199	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007200	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007201	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007202	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007203	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007204	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007205	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007206	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007207	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007208	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007209	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007210	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007211	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007212	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007213	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007214	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007215	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007216	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007217	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007218	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007219	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007220	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007221	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007222	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007223	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007224	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007225	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007226	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007227	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007228	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007229	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007230	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007231	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007232	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007233	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007234	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007235	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007236	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007237	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007238	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007239	0.0102040816	1.60	13.58	0.74

SRCPARAM	L0007240	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007241	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007242	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007243	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007244	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007245	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007246	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007247	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007248	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007249	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007250	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007251	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007252	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007253	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007254	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007255	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007256	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007257	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007258	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007259	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007260	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007261	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007262	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007263	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007264	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007265	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007266	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007267	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007268	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007269	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007270	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007271	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007272	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007273	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007274	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007275	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007276	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007277	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007278	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007279	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007280	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007281	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007282	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007283	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007284	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007285	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007286	0.0102040816	1.60	13.58	0.74
SRCPARAM	L0007287	0.0102040816	1.60	13.58	0.74

**

** LINE VOLUME Source ID = DRSPR1

SRCPARAM	L0007163	0.0714285714	1.60	6.53	0.74
SRCPARAM	L0007164	0.0714285714	1.60	6.53	0.74
SRCPARAM	L0007165	0.0714285714	1.60	6.53	0.74
SRCPARAM	L0007166	0.0714285714	1.60	6.53	0.74

SRCPARAM	L0007167	0.0714285714	1.60	6.53	0.74
SRCPARAM	L0007168	0.0714285714	1.60	6.53	0.74
SRCPARAM	L0007169	0.0714285714	1.60	6.53	0.74
SRCPARAM	L0007170	0.0714285714	1.60	6.53	0.74
SRCPARAM	L0007171	0.0714285714	1.60	6.53	0.74
SRCPARAM	L0007172	0.0714285714	1.60	6.53	0.74
SRCPARAM	L0007173	0.0714285714	1.60	6.53	0.74
SRCPARAM	L0007174	0.0714285714	1.60	6.53	0.74
SRCPARAM	L0007175	0.0714285714	1.60	6.53	0.74
SRCPARAM	L0007176	0.0714285714	1.60	6.53	0.74

**

** LINE VOLUME Source ID = DRSPR2

SRCPARAM	L0007074	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007075	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007076	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007077	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007078	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007079	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007080	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007081	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007082	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007083	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007084	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007085	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007086	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007087	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007088	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007089	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007090	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007091	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007092	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007093	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007094	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007095	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007096	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007097	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007098	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007099	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007100	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007101	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007102	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007103	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007104	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007105	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007106	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007107	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007108	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007109	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007110	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007111	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007112	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007113	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007114	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007115	0.0112359551	1.60	6.77	0.74

SRCPARAM	L0007116	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007117	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007118	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007119	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007120	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007121	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007122	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007123	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007124	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007125	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007126	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007127	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007128	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007129	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007130	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007131	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007132	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007133	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007134	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007135	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007136	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007137	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007138	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007139	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007140	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007141	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007142	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007143	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007144	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007145	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007146	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007147	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007148	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007149	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007150	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007151	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007152	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007153	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007154	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007155	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007156	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007157	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007158	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007159	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007160	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007161	0.0112359551	1.60	6.77	0.74
SRCPARAM	L0007162	0.0112359551	1.60	6.77	0.74
** -----					
SRCPARAM	GASSTATION	1.0	3.700	0.000	0.00100
0.050					
SRCPARAM	GASSTATIONR	1.0	1.000	3.023	2.326
SRCPARAM	GASSTATIONS	1.0	0.000	3.023	2.326
SRCGROUP	DRSPR1	L0007163	L0007164	L0007165	L0007166
L0007167					

SRCGROUP DRSPR1	L0007169	L0007170	L0007171	L0007172	L0007173
L0007174					
SRCGROUP DRSPR1	L0007175	L0007176			
SRCGROUP I15	L0007190	L0007191	L0007192	L0007193	L0007194
L0007195					
SRCGROUP I15	L0007196	L0007197	L0007198	L0007199	L0007200
L0007201					
SRCGROUP I15	L0007202	L0007203	L0007204	L0007205	L0007206
L0007207					
SRCGROUP I15	L0007208	L0007209	L0007210	L0007211	L0007212
L0007213					
SRCGROUP I15	L0007214	L0007215	L0007216	L0007217	L0007218
L0007219					
SRCGROUP I15	L0007220	L0007221	L0007222	L0007223	L0007224
L0007225					
SRCGROUP I15	L0007226	L0007227	L0007228	L0007229	L0007230
L0007231					
SRCGROUP I15	L0007232	L0007233	L0007234	L0007235	L0007236
L0007237					
SRCGROUP I15	L0007238	L0007239	L0007240	L0007241	L0007242
L0007243					
SRCGROUP I15	L0007244	L0007245	L0007246	L0007247	L0007248
L0007249					
SRCGROUP I15	L0007250	L0007251	L0007252	L0007253	L0007254
L0007255					
SRCGROUP I15	L0007256	L0007257	L0007258	L0007259	L0007260
L0007261					
SRCGROUP I15	L0007262	L0007263	L0007264	L0007265	L0007266
L0007267					
SRCGROUP I15	L0007268	L0007269	L0007270	L0007271	L0007272
L0007273					
SRCGROUP I15	L0007274	L0007275	L0007276	L0007277	L0007278
L0007279					
SRCGROUP I15	L0007280	L0007281	L0007282	L0007283	L0007284
L0007285					
SRCGROUP I15	L0007286	L0007287			
SRCGROUP DRSPR2	L0007074	L0007075	L0007076	L0007077	L0007078
L0007079					
SRCGROUP DRSPR2	L0007080	L0007081	L0007082	L0007083	L0007084
L0007085					
SRCGROUP DRSPR2	L0007086	L0007087	L0007088	L0007089	L0007090
L0007091					
SRCGROUP DRSPR2	L0007092	L0007093	L0007094	L0007095	L0007096
L0007097					
SRCGROUP DRSPR2	L0007098	L0007099	L0007100	L0007101	L0007102
L0007103					
SRCGROUP DRSPR2	L0007104	L0007105	L0007106	L0007107	L0007108
L0007109					
SRCGROUP DRSPR2	L0007110	L0007111	L0007112	L0007113	L0007114
L0007115					
SRCGROUP DRSPR2	L0007116	L0007117	L0007118	L0007119	L0007120
L0007121					
SRCGROUP DRSPR2	L0007122	L0007123	L0007124	L0007125	L0007126
L0007127					

```
    SRCGROUP DRSPR2    L0007128 L0007129 L0007130 L0007131 L0007132
L0007133
    SRCGROUP DRSPR2    L0007134 L0007135 L0007136 L0007137 L0007138
L0007139
    SRCGROUP DRSPR2    L0007140 L0007141 L0007142 L0007143 L0007144
L0007145
    SRCGROUP DRSPR2    L0007146 L0007147 L0007148 L0007149 L0007150
L0007151
    SRCGROUP DRSPR2    L0007152 L0007153 L0007154 L0007155 L0007156
L0007157
    SRCGROUP DRSPR2    L0007158 L0007159 L0007160 L0007161 L0007162
    SRCGROUP GasLB     GASSTATION
    SRCGROUP GasR      GASSTATIONR
    SRCGROUP GasS      GASSTATIONS
    SRCGROUP ALL
```

SO FINISHED

**

** AERMOD Receptor Pathway

**

**

RE STARTING

INCLUDED "NS 2011.rou"

RE FINISHED

**

** AERMOD Meteorology Pathway

**

**

ME STARTING

SURFFILE "..\Met data\Esccondido_2011_v14134.SFC"

PROFFILE "..\Met data\Esccondido_2011_v14134.PFL"

SURFDATA 53120 2011

UAIRDATA 3190 2011

SITEDATA 1002 2011

PROFBASE 406.0 METERS

ME FINISHED

**

** AERMOD Output Pathway

**

**

OU STARTING

RECTABLE ALLAVE 1ST

RECTABLE 1 1ST

** Auto-Generated Plotfiles

PLOTFILE 1 ALL 1ST "NS 2011.AD\01H1GALL.PLT" 31

PLOTFILE 1 DRSPR1 1ST "NS 2011.AD\01H1G001.PLT" 32

PLOTFILE 1 I15 1ST "NS 2011.AD\01H1G002.PLT" 33

PLOTFILE 1 DRSPR2 1ST "NS 2011.AD\01H1G003.PLT" 34

PLOTFILE 1 GasLB 1ST "NS 2011.AD\01H1G004.PLT" 35

```
PLOTFILE 1 GasR 1ST "NS 2011.AD\01H1G005.PLT" 36
PLOTFILE 1 GasS 1ST "NS 2011.AD\01H1G006.PLT" 37
PLOTFILE PERIOD ALL "NS 2011.AD\PE00GALL.PLT" 38
PLOTFILE PERIOD DRSPR1 "NS 2011.AD\PE00G001.PLT" 39
PLOTFILE PERIOD I15 "NS 2011.AD\PE00G002.PLT" 40
PLOTFILE PERIOD DRSPR2 "NS 2011.AD\PE00G003.PLT" 41
PLOTFILE PERIOD GasLB "NS 2011.AD\PE00G004.PLT" 42
PLOTFILE PERIOD GasR "NS 2011.AD\PE00G005.PLT" 43
PLOTFILE PERIOD GasS "NS 2011.AD\PE00G006.PLT" 44
SUMMFILE "NS 2011.sum"
OU FINISHED
**
*****
** Project Parameters
*****
** PROJCTN  CoordinateSystemUTM
** DESCPTN   UTM: Universal Transverse Mercator
** DATUM     North American Datum 1983
** DTMRGN    CONUS
** UNITS      m
** ZONE       11
** ZONEINX    0
**
```


APPENDIX C

HARP Output Files

*HARP - HRACalc v15065 5/11/2015 9:57:11 PM - Cancer Risk over School Children

REC	GRP	NETID	X	Y	CONC	POLID	POLABBREV	RISK_SUM	SCENARIO	DETAILS	INH_RISK	1ST_DRIVER
1	ALL		487744.36	3673445.97	0.001043207	9901	DieselExhPM	5.19E-08	9YrCancerDerived	*	5.19E-08	INHALATION
2	ALL		487765.2	3673445.97	0.000967381	9901	DieselExhPM	4.81E-08	9YrCancerDerived	*	4.81E-08	INHALATION
3	ALL		487786.04	3673445.97	0.001125208	9901	DieselExhPM	5.60E-08	9YrCancerDerived	*	5.60E-08	INHALATION
4	ALL		487723.52	3673465.85	0.002588209	9901	DieselExhPM	1.29E-07	9YrCancerDerived	*	1.29E-07	INHALATION
5	ALL		487744.36	3673465.85	0.001562809	9901	DieselExhPM	7.77E-08	9YrCancerDerived	*	7.77E-08	INHALATION
6	ALL		487765.2	3673465.85	0.001510799	9901	DieselExhPM	7.51E-08	9YrCancerDerived	*	7.51E-08	INHALATION
7	ALL		487786.04	3673465.85	0.002170929	9901	DieselExhPM	1.08E-07	9YrCancerDerived	*	1.08E-07	INHALATION
8	ALL		487806.88	3673465.85	0.003456525	9901	DieselExhPM	1.72E-07	9YrCancerDerived	*	1.72E-07	INHALATION
9	ALL		487723.52	3673485.73	0.004575674	9901	DieselExhPM	2.28E-07	9YrCancerDerived	*	2.28E-07	INHALATION
10	ALL		487744.36	3673485.73	0.002981254	9901	DieselExhPM	1.48E-07	9YrCancerDerived	*	1.48E-07	INHALATION
11	ALL		487765.2	3673485.73	0.002756492	9901	DieselExhPM	1.37E-07	9YrCancerDerived	*	1.37E-07	INHALATION
12	ALL		487786.04	3673485.73	0.00403522	9901	DieselExhPM	2.01E-07	9YrCancerDerived	*	2.01E-07	INHALATION
13	ALL		487806.88	3673485.73	0.006761944	9901	DieselExhPM	3.36E-07	9YrCancerDerived	*	3.36E-07	INHALATION
14	ALL		487827.72	3673485.73	0.01056415	9901	DieselExhPM	5.25E-07	9YrCancerDerived	*	5.25E-07	INHALATION
15	ALL		487848.56	3673485.73	0.01509194	9901	DieselExhPM	7.51E-07	9YrCancerDerived	*	7.51E-07	INHALATION
16	ALL		487723.52	3673505.61	0.007117187	9901	DieselExhPM	3.54E-07	9YrCancerDerived	*	3.54E-07	INHALATION
17	ALL		487744.36	3673505.61	0.006504145	9901	DieselExhPM	3.24E-07	9YrCancerDerived	*	3.24E-07	INHALATION
18	ALL		487765.2	3673505.61	0.005095167	9901	DieselExhPM	2.53E-07	9YrCancerDerived	*	2.53E-07	INHALATION
19	ALL		487786.04	3673505.61	0.006502215	9901	DieselExhPM	3.23E-07	9YrCancerDerived	*	3.23E-07	INHALATION
20	ALL		487806.88	3673505.61	0.009030831	9901	DieselExhPM	4.49E-07	9YrCancerDerived	*	4.49E-07	INHALATION
21	ALL		487827.72	3673505.61	0.01211096	9901	DieselExhPM	6.02E-07	9YrCancerDerived	*	6.02E-07	INHALATION
22	ALL		487848.56	3673505.61	0.01645644	9901	DieselExhPM	8.19E-07	9YrCancerDerived	*	8.19E-07	INHALATION
23	ALL		487869.4	3673505.61	0.01965416	9901	DieselExhPM	9.78E-07	9YrCancerDerived	*	9.78E-07	INHALATION
24	ALL		487744.36	3673525.49	0.007775881	9901	DieselExhPM	3.87E-07	9YrCancerDerived	*	3.87E-07	INHALATION
25	ALL		487765.2	3673525.49	0.00694963	9901	DieselExhPM	3.46E-07	9YrCancerDerived	*	3.46E-07	INHALATION
26	ALL		487786.04	3673525.49	0.006824658	9901	DieselExhPM	3.39E-07	9YrCancerDerived	*	3.39E-07	INHALATION
27	ALL		487806.88	3673525.49	0.008613107	9901	DieselExhPM	4.28E-07	9YrCancerDerived	*	4.28E-07	INHALATION
28	ALL		487827.72	3673525.49	0.01085158	9901	DieselExhPM	5.40E-07	9YrCancerDerived	*	5.40E-07	INHALATION
29	ALL		487848.56	3673525.49	0.01376712	9901	DieselExhPM	6.85E-07	9YrCancerDerived	*	6.85E-07	INHALATION
30	ALL		487869.4	3673525.49	0.01833725	9901	DieselExhPM	9.12E-07	9YrCancerDerived	*	9.12E-07	INHALATION
31	ALL		487890.24	3673525.49	0.02268049	9901	DieselExhPM	1.13E-06	9YrCancerDerived	*	1.13E-06	INHALATION
32	ALL		487911.08	3673525.49	0.02652681	9901	DieselExhPM	1.32E-06	9YrCancerDerived	*	1.32E-06	INHALATION

33 ALL	487744.36	3673545.37	0.007748321	9901 DieselExhPM	3.85E-07 9YrCancerDerived	*	3.85E-07 INHALATION
34 ALL	487765.2	3673545.37	0.007303322	9901 DieselExhPM	3.63E-07 9YrCancerDerived	*	3.63E-07 INHALATION
35 ALL	487786.04	3673545.37	0.00558679	9901 DieselExhPM	2.78E-07 9YrCancerDerived	*	2.78E-07 INHALATION
36 ALL	487806.88	3673545.37	0.005938014	9901 DieselExhPM	2.95E-07 9YrCancerDerived	*	2.95E-07 INHALATION
37 ALL	487827.72	3673545.37	0.006694918	9901 DieselExhPM	3.33E-07 9YrCancerDerived	*	3.33E-07 INHALATION
38 ALL	487848.56	3673545.37	0.008702362	9901 DieselExhPM	4.33E-07 9YrCancerDerived	*	4.33E-07 INHALATION
39 ALL	487869.4	3673545.37	0.01332406	9901 DieselExhPM	6.63E-07 9YrCancerDerived	*	6.63E-07 INHALATION
40 ALL	487890.24	3673545.37	0.02054967	9901 DieselExhPM	1.02E-06 9YrCancerDerived	*	1.02E-06 INHALATION
41 ALL	487911.08	3673545.37	0.02597152	9901 DieselExhPM	1.29E-06 9YrCancerDerived	*	1.29E-06 INHALATION
42 ALL	487931.92	3673545.37	0.03113765	9901 DieselExhPM	1.55E-06 9YrCancerDerived	*	1.55E-06 INHALATION
43 ALL	487744.36	3673565.25	0.00813432	9901 DieselExhPM	4.05E-07 9YrCancerDerived	*	4.05E-07 INHALATION
44 ALL	487765.2	3673565.25	0.007529507	9901 DieselExhPM	3.75E-07 9YrCancerDerived	*	3.75E-07 INHALATION
45 ALL	487786.04	3673565.25	0.004947984	9901 DieselExhPM	2.46E-07 9YrCancerDerived	*	2.46E-07 INHALATION
46 ALL	487806.88	3673565.25	0.003437039	9901 DieselExhPM	1.71E-07 9YrCancerDerived	*	1.71E-07 INHALATION
47 ALL	487827.72	3673565.25	0.002712934	9901 DieselExhPM	1.35E-07 9YrCancerDerived	*	1.35E-07 INHALATION
48 ALL	487848.56	3673565.25	0.003165689	9901 DieselExhPM	1.57E-07 9YrCancerDerived	*	1.57E-07 INHALATION
49 ALL	487869.4	3673565.25	0.006602643	9901 DieselExhPM	3.28E-07 9YrCancerDerived	*	3.28E-07 INHALATION
50 ALL	487890.24	3673565.25	0.01467532	9901 DieselExhPM	7.30E-07 9YrCancerDerived	*	7.30E-07 INHALATION
51 ALL	487911.08	3673565.25	0.02331522	9901 DieselExhPM	1.16E-06 9YrCancerDerived	*	1.16E-06 INHALATION
52 ALL	487765.2	3673585.13	0.008038427	9901 DieselExhPM	4.00E-07 9YrCancerDerived	*	4.00E-07 INHALATION
53 ALL	487786.04	3673585.13	0.004309157	9901 DieselExhPM	2.14E-07 9YrCancerDerived	*	2.14E-07 INHALATION
54 ALL	487806.88	3673585.13	0.002485749	9901 DieselExhPM	1.24E-07 9YrCancerDerived	*	1.24E-07 INHALATION
55 ALL	487827.72	3673585.13	0.001829152	9901 DieselExhPM	9.10E-08 9YrCancerDerived	*	9.10E-08 INHALATION
56 ALL	487848.56	3673585.13	0.00213463	9901 DieselExhPM	1.06E-07 9YrCancerDerived	*	1.06E-07 INHALATION
57 ALL	487869.4	3673585.13	0.004268318	9901 DieselExhPM	2.12E-07 9YrCancerDerived	*	2.12E-07 INHALATION
58 ALL	487890.24	3673585.13	0.01080331	9901 DieselExhPM	5.37E-07 9YrCancerDerived	*	5.37E-07 INHALATION
59 ALL	487911.08	3673585.13	0.01830449	9901 DieselExhPM	9.10E-07 9YrCancerDerived	*	9.10E-07 INHALATION
60 ALL	487786.04	3673605.01	0.004602888	9901 DieselExhPM	2.29E-07 9YrCancerDerived	*	2.29E-07 INHALATION
61 ALL	487806.88	3673605.01	0.002194276	9901 DieselExhPM	1.09E-07 9YrCancerDerived	*	1.09E-07 INHALATION
62 ALL	487827.72	3673605.01	0.001995568	9901 DieselExhPM	9.93E-08 9YrCancerDerived	*	9.93E-08 INHALATION
63 ALL	487848.56	3673605.01	0.002420108	9901 DieselExhPM	1.20E-07 9YrCancerDerived	*	1.20E-07 INHALATION
64 ALL	487869.4	3673605.01	0.005756071	9901 DieselExhPM	2.86E-07 9YrCancerDerived	*	2.86E-07 INHALATION
65 ALL	487890.24	3673605.01	0.0111706	9901 DieselExhPM	5.56E-07 9YrCancerDerived	*	5.56E-07 INHALATION
1 ALL	487744.36	3673445.97	0.002157105	71432 Benzene	9.75E-09 9YrCancerDerived	*	9.75E-09 INHALATION

2 ALL	487765.2	3673445.97	0.002009987	71432 Benzene	9.09E-09 9YrCancerDerived	*	9.09E-09 INHALATION
3 ALL	487786.04	3673445.97	0.002345854	71432 Benzene	1.06E-08 9YrCancerDerived	*	1.06E-08 INHALATION
4 ALL	487723.52	3673465.85	0.005135671	71432 Benzene	2.32E-08 9YrCancerDerived	*	2.32E-08 INHALATION
5 ALL	487744.36	3673465.85	0.00318702	71432 Benzene	1.44E-08 9YrCancerDerived	*	1.44E-08 INHALATION
6 ALL	487765.2	3673465.85	0.003100144	71432 Benzene	1.40E-08 9YrCancerDerived	*	1.40E-08 INHALATION
7 ALL	487786.04	3673465.85	0.00439087	71432 Benzene	1.99E-08 9YrCancerDerived	*	1.99E-08 INHALATION
8 ALL	487806.88	3673465.85	0.006839635	71432 Benzene	3.09E-08 9YrCancerDerived	*	3.09E-08 INHALATION
9 ALL	487723.52	3673485.73	0.009036633	71432 Benzene	4.09E-08 9YrCancerDerived	*	4.09E-08 INHALATION
10 ALL	487744.36	3673485.73	0.005892295	71432 Benzene	2.66E-08 9YrCancerDerived	*	2.66E-08 INHALATION
11 ALL	487765.2	3673485.73	0.005469517	71432 Benzene	2.47E-08 9YrCancerDerived	*	2.47E-08 INHALATION
12 ALL	487786.04	3673485.73	0.007941202	71432 Benzene	3.59E-08 9YrCancerDerived	*	3.59E-08 INHALATION
13 ALL	487806.88	3673485.73	0.01331501	71432 Benzene	6.02E-08 9YrCancerDerived	*	6.02E-08 INHALATION
14 ALL	487827.72	3673485.73	0.02170282	71432 Benzene	9.81E-08 9YrCancerDerived	*	9.81E-08 INHALATION
15 ALL	487848.56	3673485.73	0.03209034	71432 Benzene	1.45E-07 9YrCancerDerived	*	1.45E-07 INHALATION
16 ALL	487723.52	3673505.61	0.01465256	71432 Benzene	6.63E-08 9YrCancerDerived	*	6.63E-08 INHALATION
17 ALL	487744.36	3673505.61	0.01306222	71432 Benzene	5.91E-08 9YrCancerDerived	*	5.91E-08 INHALATION
18 ALL	487765.2	3673505.61	0.01003508	71432 Benzene	4.54E-08 9YrCancerDerived	*	4.54E-08 INHALATION
19 ALL	487786.04	3673505.61	0.01283994	71432 Benzene	5.81E-08 9YrCancerDerived	*	5.81E-08 INHALATION
20 ALL	487806.88	3673505.61	0.01829883	71432 Benzene	8.27E-08 9YrCancerDerived	*	8.27E-08 INHALATION
21 ALL	487827.72	3673505.61	0.02532548	71432 Benzene	1.15E-07 9YrCancerDerived	*	1.15E-07 INHALATION
22 ALL	487848.56	3673505.61	0.0350188	71432 Benzene	1.58E-07 9YrCancerDerived	*	1.58E-07 INHALATION
23 ALL	487869.4	3673505.61	0.0414224	71432 Benzene	1.87E-07 9YrCancerDerived	*	1.87E-07 INHALATION
24 ALL	487744.36	3673525.49	0.01605638	71432 Benzene	7.26E-08 9YrCancerDerived	*	7.26E-08 INHALATION
25 ALL	487765.2	3673525.49	0.01392042	71432 Benzene	6.29E-08 9YrCancerDerived	*	6.29E-08 INHALATION
26 ALL	487786.04	3673525.49	0.01348794	71432 Benzene	6.10E-08 9YrCancerDerived	*	6.10E-08 INHALATION
27 ALL	487806.88	3673525.49	0.01727112	71432 Benzene	7.81E-08 9YrCancerDerived	*	7.81E-08 INHALATION
28 ALL	487827.72	3673525.49	0.02218962	71432 Benzene	1.00E-07 9YrCancerDerived	*	1.00E-07 INHALATION
29 ALL	487848.56	3673525.49	0.02845586	71432 Benzene	1.29E-07 9YrCancerDerived	*	1.29E-07 INHALATION
30 ALL	487869.4	3673525.49	0.03813577	71432 Benzene	1.72E-07 9YrCancerDerived	*	1.72E-07 INHALATION
31 ALL	487890.24	3673525.49	0.04667761	71432 Benzene	2.11E-07 9YrCancerDerived	*	2.11E-07 INHALATION
32 ALL	487911.08	3673525.49	0.05379584	71432 Benzene	2.43E-07 9YrCancerDerived	*	2.43E-07 INHALATION
33 ALL	487744.36	3673545.37	0.01597063	71432 Benzene	7.22E-08 9YrCancerDerived	*	7.22E-08 INHALATION
34 ALL	487765.2	3673545.37	0.0147029	71432 Benzene	6.65E-08 9YrCancerDerived	*	6.65E-08 INHALATION
35 ALL	487786.04	3673545.37	0.0109102	71432 Benzene	4.93E-08 9YrCancerDerived	*	4.93E-08 INHALATION

36 ALL	487806.88	3673545.37	0.01153174	71432 Benzene	5.21E-08 9YrCancerDerived	*	5.21E-08 INHALATION
37 ALL	487827.72	3673545.37	0.01295057	71432 Benzene	5.86E-08 9YrCancerDerived	*	5.86E-08 INHALATION
38 ALL	487848.56	3673545.37	0.01697362	71432 Benzene	7.67E-08 9YrCancerDerived	*	7.67E-08 INHALATION
39 ALL	487869.4	3673545.37	0.02686141	71432 Benzene	1.21E-07 9YrCancerDerived	*	1.21E-07 INHALATION
40 ALL	487890.24	3673545.37	0.04172613	71432 Benzene	1.89E-07 9YrCancerDerived	*	1.89E-07 INHALATION
41 ALL	487911.08	3673545.37	0.05199453	71432 Benzene	2.35E-07 9YrCancerDerived	*	2.35E-07 INHALATION
42 ALL	487931.92	3673545.37	0.06068406	71432 Benzene	2.74E-07 9YrCancerDerived	*	2.74E-07 INHALATION
43 ALL	487744.36	3673565.25	0.01689452	71432 Benzene	7.64E-08 9YrCancerDerived	*	7.64E-08 INHALATION
44 ALL	487765.2	3673565.25	0.01520424	71432 Benzene	6.87E-08 9YrCancerDerived	*	6.87E-08 INHALATION
45 ALL	487786.04	3673565.25	0.009625714	71432 Benzene	4.35E-08 9YrCancerDerived	*	4.35E-08 INHALATION
46 ALL	487806.88	3673565.25	0.00668734	71432 Benzene	3.02E-08 9YrCancerDerived	*	3.02E-08 INHALATION
47 ALL	487827.72	3673565.25	0.005286731	71432 Benzene	2.39E-08 9YrCancerDerived	*	2.39E-08 INHALATION
48 ALL	487848.56	3673565.25	0.006102824	71432 Benzene	2.76E-08 9YrCancerDerived	*	2.76E-08 INHALATION
49 ALL	487869.4	3673565.25	0.01252095	71432 Benzene	5.66E-08 9YrCancerDerived	*	5.66E-08 INHALATION
50 ALL	487890.24	3673565.25	0.02913418	71432 Benzene	1.32E-07 9YrCancerDerived	*	1.32E-07 INHALATION
51 ALL	487911.08	3673565.25	0.04622925	71432 Benzene	2.09E-07 9YrCancerDerived	*	2.09E-07 INHALATION
52 ALL	487765.2	3673585.13	0.01638445	71432 Benzene	7.41E-08 9YrCancerDerived	*	7.41E-08 INHALATION
53 ALL	487786.04	3673585.13	0.0083653	71432 Benzene	3.78E-08 9YrCancerDerived	*	3.78E-08 INHALATION
54 ALL	487806.88	3673585.13	0.004848675	71432 Benzene	2.19E-08 9YrCancerDerived	*	2.19E-08 INHALATION
55 ALL	487827.72	3673585.13	0.003573696	71432 Benzene	1.62E-08 9YrCancerDerived	*	1.62E-08 INHALATION
56 ALL	487848.56	3673585.13	0.004113344	71432 Benzene	1.86E-08 9YrCancerDerived	*	1.86E-08 INHALATION
57 ALL	487869.4	3673585.13	0.008080547	71432 Benzene	3.65E-08 9YrCancerDerived	*	3.65E-08 INHALATION
58 ALL	487890.24	3673585.13	0.02086367	71432 Benzene	9.43E-08 9YrCancerDerived	*	9.43E-08 INHALATION
59 ALL	487911.08	3673585.13	0.03604868	71432 Benzene	1.63E-07 9YrCancerDerived	*	1.63E-07 INHALATION
60 ALL	487786.04	3673605.01	0.008930132	71432 Benzene	4.04E-08 9YrCancerDerived	*	4.04E-08 INHALATION
61 ALL	487806.88	3673605.01	0.004272304	71432 Benzene	1.93E-08 9YrCancerDerived	*	1.93E-08 INHALATION
62 ALL	487827.72	3673605.01	0.003853834	71432 Benzene	1.74E-08 9YrCancerDerived	*	1.74E-08 INHALATION
63 ALL	487848.56	3673605.01	0.004612722	71432 Benzene	2.09E-08 9YrCancerDerived	*	2.09E-08 INHALATION
64 ALL	487869.4	3673605.01	0.01084776	71432 Benzene	4.91E-08 9YrCancerDerived	*	4.91E-08 INHALATION
65 ALL	487890.24	3673605.01	0.02168147	71432 Benzene	9.80E-08 9YrCancerDerived	*	9.80E-08 INHALATION
1 ALL	487744.36	3673445.97	0.00036278	100414 Ethyl Benzene	1.43E-10 9YrCancerDerived	*	1.43E-10 INHALATION
2 ALL	487765.2	3673445.97	0.000342616	100414 Ethyl Benzene	1.35E-10 9YrCancerDerived	*	1.35E-10 INHALATION
3 ALL	487786.04	3673445.97	0.000403326	100414 Ethyl Benzene	1.59E-10 9YrCancerDerived	*	1.59E-10 INHALATION
4 ALL	487723.52	3673465.85	0.000761129	100414 Ethyl Benzene	2.99E-10 9YrCancerDerived	*	2.99E-10 INHALATION

5 ALL	487744.36	3673465.85	0.000514573	100414 Ethyl Benzene	2.02E-10 9YrCancerDerived	*	2.02E-10 INHALATION
6 ALL	487765.2	3673465.85	0.000509628	100414 Ethyl Benzene	2.00E-10 9YrCancerDerived	*	2.00E-10 INHALATION
7 ALL	487786.04	3673465.85	0.000691277	100414 Ethyl Benzene	2.72E-10 9YrCancerDerived	*	2.72E-10 INHALATION
8 ALL	487806.88	3673465.85	0.001003873	100414 Ethyl Benzene	3.95E-10 9YrCancerDerived	*	3.95E-10 INHALATION
9 ALL	487723.52	3673485.73	0.001317297	100414 Ethyl Benzene	5.18E-10 9YrCancerDerived	*	5.18E-10 INHALATION
10 ALL	487744.36	3673485.73	0.000861651	100414 Ethyl Benzene	3.39E-10 9YrCancerDerived	*	3.39E-10 INHALATION
11 ALL	487765.2	3673485.73	0.000810369	100414 Ethyl Benzene	3.19E-10 9YrCancerDerived	*	3.19E-10 INHALATION
12 ALL	487786.04	3673485.73	0.001144051	100414 Ethyl Benzene	4.50E-10 9YrCancerDerived	*	4.50E-10 INHALATION
13 ALL	487806.88	3673485.73	0.001920891	100414 Ethyl Benzene	7.56E-10 9YrCancerDerived	*	7.56E-10 INHALATION
14 ALL	487827.72	3673485.73	0.003570353	100414 Ethyl Benzene	1.40E-09 9YrCancerDerived	*	1.40E-09 INHALATION
15 ALL	487848.56	3673485.73	0.005788034	100414 Ethyl Benzene	2.28E-09 9YrCancerDerived	*	2.28E-09 INHALATION
16 ALL	487723.52	3673505.61	0.002425791	100414 Ethyl Benzene	9.54E-10 9YrCancerDerived	*	9.54E-10 INHALATION
17 ALL	487744.36	3673505.61	0.0020091	100414 Ethyl Benzene	7.90E-10 9YrCancerDerived	*	7.90E-10 INHALATION
18 ALL	487765.2	3673505.61	0.001449129	100414 Ethyl Benzene	5.70E-10 9YrCancerDerived	*	5.70E-10 INHALATION
19 ALL	487786.04	3673505.61	0.001870152	100414 Ethyl Benzene	7.36E-10 9YrCancerDerived	*	7.36E-10 INHALATION
20 ALL	487806.88	3673505.61	0.002891592	100414 Ethyl Benzene	1.14E-09 9YrCancerDerived	*	1.14E-09 INHALATION
21 ALL	487827.72	3673505.61	0.004374674	100414 Ethyl Benzene	1.72E-09 9YrCancerDerived	*	1.72E-09 INHALATION
22 ALL	487848.56	3673505.61	0.006329321	100414 Ethyl Benzene	2.49E-09 9YrCancerDerived	*	2.49E-09 INHALATION
23 ALL	487869.4	3673505.61	0.007306119	100414 Ethyl Benzene	2.87E-09 9YrCancerDerived	*	2.87E-09 INHALATION
24 ALL	487744.36	3673525.49	0.002680282	100414 Ethyl Benzene	1.05E-09 9YrCancerDerived	*	1.05E-09 INHALATION
25 ALL	487765.2	3673525.49	0.002123415	100414 Ethyl Benzene	8.35E-10 9YrCancerDerived	*	8.35E-10 INHALATION
26 ALL	487786.04	3673525.49	0.001969904	100414 Ethyl Benzene	7.75E-10 9YrCancerDerived	*	7.75E-10 INHALATION
27 ALL	487806.88	3673525.49	0.002643097	100414 Ethyl Benzene	1.04E-09 9YrCancerDerived	*	1.04E-09 INHALATION
28 ALL	487827.72	3673525.49	0.003601806	100414 Ethyl Benzene	1.42E-09 9YrCancerDerived	*	1.42E-09 INHALATION
29 ALL	487848.56	3673525.49	0.004762213	100414 Ethyl Benzene	1.87E-09 9YrCancerDerived	*	1.87E-09 INHALATION
30 ALL	487869.4	3673525.49	0.006492219	100414 Ethyl Benzene	2.55E-09 9YrCancerDerived	*	2.55E-09 INHALATION
31 ALL	487890.24	3673525.49	0.00772092	100414 Ethyl Benzene	3.04E-09 9YrCancerDerived	*	3.04E-09 INHALATION
32 ALL	487911.08	3673525.49	0.008526701	100414 Ethyl Benzene	3.35E-09 9YrCancerDerived	*	3.35E-09 INHALATION
33 ALL	487744.36	3673545.37	0.002652488	100414 Ethyl Benzene	1.04E-09 9YrCancerDerived	*	1.04E-09 INHALATION
34 ALL	487765.2	3673545.37	0.002278238	100414 Ethyl Benzene	8.96E-10 9YrCancerDerived	*	8.96E-10 INHALATION
35 ALL	487786.04	3673545.37	0.001529702	100414 Ethyl Benzene	6.02E-10 9YrCancerDerived	*	6.02E-10 INHALATION
36 ALL	487806.88	3673545.37	0.001585031	100414 Ethyl Benzene	6.24E-10 9YrCancerDerived	*	6.24E-10 INHALATION
37 ALL	487827.72	3673545.37	0.001754529	100414 Ethyl Benzene	6.90E-10 9YrCancerDerived	*	6.90E-10 INHALATION
38 ALL	487848.56	3673545.37	0.002368723	100414 Ethyl Benzene	9.32E-10 9YrCancerDerived	*	9.32E-10 INHALATION

39 ALL	487869.4	3673545.37	0.004178962	100414 Ethyl Benzene	1.64E-09 9YrCancerDerived	*	1.64E-09 INHALATION
40 ALL	487890.24	3673545.37	0.006635753	100414 Ethyl Benzene	2.61E-09 9YrCancerDerived	*	2.61E-09 INHALATION
41 ALL	487911.08	3673545.37	0.007920484	100414 Ethyl Benzene	3.12E-09 9YrCancerDerived	*	3.12E-09 INHALATION
42 ALL	487931.92	3673545.37	0.008451591	100414 Ethyl Benzene	3.32E-09 9YrCancerDerived	*	3.32E-09 INHALATION
43 ALL	487744.36	3673565.25	0.002865804	100414 Ethyl Benzene	1.13E-09 9YrCancerDerived	*	1.13E-09 INHALATION
44 ALL	487765.2	3673565.25	0.002377853	100414 Ethyl Benzene	9.35E-10 9YrCancerDerived	*	9.35E-10 INHALATION
45 ALL	487786.04	3673565.25	0.001331484	100414 Ethyl Benzene	5.24E-10 9YrCancerDerived	*	5.24E-10 INHALATION
46 ALL	487806.88	3673565.25	0.000925892	100414 Ethyl Benzene	3.64E-10 9YrCancerDerived	*	3.64E-10 INHALATION
47 ALL	487827.72	3673565.25	0.000736304	100414 Ethyl Benzene	2.90E-10 9YrCancerDerived	*	2.90E-10 INHALATION
48 ALL	487848.56	3673565.25	0.000817079	100414 Ethyl Benzene	3.21E-10 9YrCancerDerived	*	3.21E-10 INHALATION
49 ALL	487869.4	3673565.25	0.001571334	100414 Ethyl Benzene	6.18E-10 9YrCancerDerived	*	6.18E-10 INHALATION
50 ALL	487890.24	3673565.25	0.004317017	100414 Ethyl Benzene	1.70E-09 9YrCancerDerived	*	1.70E-09 INHALATION
51 ALL	487911.08	3673565.25	0.006825041	100414 Ethyl Benzene	2.68E-09 9YrCancerDerived	*	2.68E-09 INHALATION
52 ALL	487765.2	3673585.13	0.0026351	100414 Ethyl Benzene	1.04E-09 9YrCancerDerived	*	1.04E-09 INHALATION
53 ALL	487786.04	3673585.13	0.001148519	100414 Ethyl Benzene	4.52E-10 9YrCancerDerived	*	4.52E-10 INHALATION
54 ALL	487806.88	3673585.13	0.00067765	100414 Ethyl Benzene	2.67E-10 9YrCancerDerived	*	2.67E-10 INHALATION
55 ALL	487827.72	3673585.13	0.00050257	100414 Ethyl Benzene	1.98E-10 9YrCancerDerived	*	1.98E-10 INHALATION
56 ALL	487848.56	3673585.13	0.000550139	100414 Ethyl Benzene	2.16E-10 9YrCancerDerived	*	2.16E-10 INHALATION
57 ALL	487869.4	3673585.13	0.001007551	100414 Ethyl Benzene	3.96E-10 9YrCancerDerived	*	3.96E-10 INHALATION
58 ALL	487890.24	3673585.13	0.002808684	100414 Ethyl Benzene	1.10E-09 9YrCancerDerived	*	1.10E-09 INHALATION
59 ALL	487911.08	3673585.13	0.005201338	100414 Ethyl Benzene	2.05E-09 9YrCancerDerived	*	2.05E-09 INHALATION
60 ALL	487786.04	3673605.01	0.001223277	100414 Ethyl Benzene	4.81E-10 9YrCancerDerived	*	4.81E-10 INHALATION
61 ALL	487806.88	3673605.01	0.000593316	100414 Ethyl Benzene	2.33E-10 9YrCancerDerived	*	2.33E-10 INHALATION
62 ALL	487827.72	3673605.01	0.00051968	100414 Ethyl Benzene	2.04E-10 9YrCancerDerived	*	2.04E-10 INHALATION
63 ALL	487848.56	3673605.01	0.000591423	100414 Ethyl Benzene	2.33E-10 9YrCancerDerived	*	2.33E-10 INHALATION
64 ALL	487869.4	3673605.01	0.00132705	100414 Ethyl Benzene	5.22E-10 9YrCancerDerived	*	5.22E-10 INHALATION
65 ALL	487890.24	3673605.01	0.002972832	100414 Ethyl Benzene	1.17E-09 9YrCancerDerived	*	1.17E-09 INHALATION
1 ALL	487744.36	3673445.97	0.002805511	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
2 ALL	487765.2	3673445.97	0.002630912	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
3 ALL	487786.04	3673445.97	0.003082531	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
4 ALL	487723.52	3673465.85	0.006303582	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
5 ALL	487744.36	3673465.85	0.004065873	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
6 ALL	487765.2	3673465.85	0.003987948	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
7 ALL	487786.04	3673465.85	0.005536472	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00

8 ALL	487806.88	3673465.85	0.008358241	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
9 ALL	487723.52	3673485.73	0.01100923	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
10 ALL	487744.36	3673485.73	0.0071895	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
11 ALL	487765.2	3673485.73	0.006711988	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
12 ALL	487786.04	3673485.73	0.00962586	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
13 ALL	487806.88	3673485.73	0.01614678	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
14 ALL	487827.72	3673485.73	0.02790617	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
15 ALL	487848.56	3673485.73	0.04310229	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
16 ALL	487723.52	3673505.61	0.01889768	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
17 ALL	487744.36	3673505.61	0.01629164	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
18 ALL	487765.2	3673505.61	0.01217527	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
19 ALL	487786.04	3673505.61	0.01563513	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
20 ALL	487806.88	3673505.61	0.02309995	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
21 ALL	487827.72	3673505.61	0.03331798	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
22 ALL	487848.56	3673505.61	0.04708309	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
23 ALL	487869.4	3673505.61	0.05504101	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
24 ALL	487744.36	3673525.49	0.02078753	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
25 ALL	487765.2	3673525.49	0.01729752	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
26 ALL	487786.04	3673525.49	0.01644332	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
27 ALL	487806.88	3673525.49	0.02149108	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
28 ALL	487827.72	3673525.49	0.02835589	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
29 ALL	487848.56	3673525.49	0.03688099	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
30 ALL	487869.4	3673525.49	0.04982468	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
31 ALL	487890.24	3673525.49	0.0601723	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
32 ALL	487911.08	3673525.49	0.06800717	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
33 ALL	487744.36	3673545.37	0.02062763	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
34 ALL	487765.2	3673545.37	0.01839788	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
35 ALL	487786.04	3673545.37	0.01307063	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
36 ALL	487806.88	3673545.37	0.01369987	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
37 ALL	487827.72	3673545.37	0.01529267	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
38 ALL	487848.56	3673545.37	0.02029246	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
39 ALL	487869.4	3673545.37	0.03366942	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
40 ALL	487890.24	3673545.37	0.05282348	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
41 ALL	487911.08	3673545.37	0.06456891	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00

42 ALL	487931.92	3673545.37	0.07249733	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
43 ALL	487744.36	3673565.25	0.02203743	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
44 ALL	487765.2	3673565.25	0.0191044	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
45 ALL	487786.04	3673565.25	0.01146646	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
46 ALL	487806.88	3673565.25	0.007970132	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
47 ALL	487827.72	3673565.25	0.006317072	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
48 ALL	487848.56	3673565.25	0.007172765	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
49 ALL	487869.4	3673565.25	0.01433292	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
50 ALL	487890.24	3673565.25	0.03573764	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
51 ALL	487911.08	3673565.25	0.05661882	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
52 ALL	487765.2	3673585.13	0.02085011	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
53 ALL	487786.04	3673585.13	0.009934104	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
54 ALL	487806.88	3673585.13	0.005802295	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
55 ALL	487827.72	3673585.13	0.004288412	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
56 ALL	487848.56	3673585.13	0.004833127	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
57 ALL	487869.4	3673585.13	0.009227262	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
58 ALL	487890.24	3673585.13	0.02456966	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
59 ALL	487911.08	3673585.13	0.04371081	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
60 ALL	487786.04	3673605.01	0.01059449	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
61 ALL	487806.88	3673605.01	0.00509907	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
62 ALL	487827.72	3673605.01	0.004543649	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
63 ALL	487848.56	3673605.01	0.005327204	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
64 ALL	487869.4	3673605.01	0.01229368	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
65 ALL	487890.24	3673605.01	0.02572825	110543 Hexane	0.00E+00 9YrCancerDerived	*	0.00E+00
1 ALL	487744.36	3673445.97	0.000164495	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
2 ALL	487765.2	3673445.97	0.000152534	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
3 ALL	487786.04	3673445.97	0.000177432	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
4 ALL	487723.52	3673465.85	0.000408246	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
5 ALL	487744.36	3673465.85	0.000246472	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
6 ALL	487765.2	3673465.85	0.000238267	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
7 ALL	487786.04	3673465.85	0.000342414	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
8 ALL	487806.88	3673465.85	0.000545244	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
9 ALL	487723.52	3673485.73	0.000721813	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
10 ALL	487744.36	3673485.73	0.000470262	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00

11 ALL	487765.2	3673485.73	0.000434802	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
12 ALL	487786.04	3673485.73	0.00063655	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
13 ALL	487806.88	3673485.73	0.001066752	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
14 ALL	487827.72	3673485.73	0.001666619	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
15 ALL	487848.56	3673485.73	0.002380904	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
16 ALL	487723.52	3673505.61	0.001122776	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
17 ALL	487744.36	3673505.61	0.00102607	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
18 ALL	487765.2	3673505.61	0.000803782	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
19 ALL	487786.04	3673505.61	0.001025775	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
20 ALL	487806.88	3673505.61	0.001424711	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
21 ALL	487827.72	3673505.61	0.00191064	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
22 ALL	487848.56	3673505.61	0.002596123	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
23 ALL	487869.4	3673505.61	0.003100547	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
24 ALL	487744.36	3673525.49	0.001226702	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
25 ALL	487765.2	3673525.49	0.001096361	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
26 ALL	487786.04	3673525.49	0.00107665	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
27 ALL	487806.88	3673525.49	0.001358812	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
28 ALL	487827.72	3673525.49	0.001711968	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
29 ALL	487848.56	3673525.49	0.002171926	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
30 ALL	487869.4	3673525.49	0.002892853	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
31 ALL	487890.24	3673525.49	0.003577945	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
32 ALL	487911.08	3673525.49	0.00418465	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
33 ALL	487744.36	3673545.37	0.001222357	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
34 ALL	487765.2	3673545.37	0.001152163	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
35 ALL	487786.04	3673545.37	0.000881356	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
36 ALL	487806.88	3673545.37	0.000936772	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
37 ALL	487827.72	3673545.37	0.001056193	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
38 ALL	487848.56	3673545.37	0.001372911	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
39 ALL	487869.4	3673545.37	0.002102062	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
40 ALL	487890.24	3673545.37	0.003241894	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
41 ALL	487911.08	3673545.37	0.004097084	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
42 ALL	487931.92	3673545.37	0.004911964	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
43 ALL	487744.36	3673565.25	0.00128325	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
44 ALL	487765.2	3673565.25	0.001187849	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00

45 ALL	487786.04	3673565.25	0.000780574	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
46 ALL	487806.88	3673565.25	0.000542192	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
47 ALL	487827.72	3673565.25	0.000427949	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
48 ALL	487848.56	3673565.25	0.000499382	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
49 ALL	487869.4	3673565.25	0.001041643	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
50 ALL	487890.24	3673565.25	0.002315253	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
51 ALL	487911.08	3673565.25	0.003678181	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
52 ALL	487765.2	3673585.13	0.001268135	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
53 ALL	487786.04	3673585.13	0.000679789	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
54 ALL	487806.88	3673585.13	0.000392109	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
55 ALL	487827.72	3673585.13	0.000288519	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
56 ALL	487848.56	3673585.13	0.000336715	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
57 ALL	487869.4	3673585.13	0.000673351	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
58 ALL	487890.24	3673585.13	0.00170439	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
59 ALL	487911.08	3673585.13	0.002887793	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
60 ALL	487786.04	3673605.01	0.000726134	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
61 ALL	487806.88	3673605.01	0.000346126	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
62 ALL	487827.72	3673605.01	0.000314778	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
63 ALL	487848.56	3673605.01	0.000381758	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
64 ALL	487869.4	3673605.01	0.000908082	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
65 ALL	487890.24	3673605.01	0.001762334	100425 Styrene	0.00E+00 9YrCancerDerived	*	0.00E+00
1 ALL	487744.36	3673445.97	0.006803622	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
2 ALL	487765.2	3673445.97	0.006335629	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
3 ALL	487786.04	3673445.97	0.007439159	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
4 ALL	487723.52	3673465.85	0.01634422	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
5 ALL	487744.36	3673465.85	0.0101328	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
6 ALL	487765.2	3673465.85	0.009870094	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
7 ALL	487786.04	3673465.85	0.01402147	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
8 ALL	487806.88	3673465.85	0.02184912	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
9 ALL	487723.52	3673485.73	0.02893806	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
10 ALL	487744.36	3673485.73	0.01878609	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
11 ALL	487765.2	3673485.73	0.01744247	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
12 ALL	487786.04	3673485.73	0.02538303	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
13 ALL	487806.88	3673485.73	0.04275668	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00

14 ALL	487827.72	3673485.73	0.07071368	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
15 ALL	487848.56	3673485.73	0.1055849	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
16 ALL	487723.52	3673505.61	0.0476499	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
17 ALL	487744.36	3673505.61	0.04217013	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
18 ALL	487765.2	3673505.61	0.03216255	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
19 ALL	487786.04	3673505.61	0.04126241	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
20 ALL	487806.88	3673505.61	0.05935502	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
21 ALL	487827.72	3673505.61	0.08295441	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
22 ALL	487848.56	3673505.61	0.1151461	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
23 ALL	487869.4	3673505.61	0.1357161	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
24 ALL	487744.36	3673525.49	0.05230051	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
25 ALL	487765.2	3673525.49	0.04494311	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
26 ALL	487786.04	3673525.49	0.04337911	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
27 ALL	487806.88	3673525.49	0.0558513	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
28 ALL	487827.72	3673525.49	0.07222078	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
29 ALL	487848.56	3673525.49	0.09293269	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
30 ALL	487869.4	3673525.49	0.1246227	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
31 ALL	487890.24	3673525.49	0.1518219	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
32 ALL	487911.08	3673525.49	0.1740024	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
33 ALL	487744.36	3673545.37	0.05200188	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
34 ALL	487765.2	3673545.37	0.04755827	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
35 ALL	487786.04	3673545.37	0.03492844	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
36 ALL	487806.88	3673545.37	0.03687441	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
37 ALL	487827.72	3673545.37	0.04139647	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
38 ALL	487848.56	3673545.37	0.05446862	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
39 ALL	487869.4	3673545.37	0.08715841	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
40 ALL	487890.24	3673545.37	0.1354287	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
41 ALL	487911.08	3673545.37	0.167598	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
42 ALL	487931.92	3673545.37	0.19369	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
43 ALL	487744.36	3673565.25	0.05513462	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
44 ALL	487765.2	3673565.25	0.04923399	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
45 ALL	487786.04	3673565.25	0.03076223	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
46 ALL	487806.88	3673565.25	0.02130796	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
47 ALL	487827.72	3673565.25	0.01681136	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00

48 ALL	487848.56	3673565.25	0.01937605	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
49 ALL	487869.4	3673565.25	0.03978833	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
50 ALL	487890.24	3673565.25	0.09413576	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
51 ALL	487911.08	3673565.25	0.1489497	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
52 ALL	487765.2	3673585.13	0.05320882	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
53 ALL	487786.04	3673585.13	0.02669674	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
54 ALL	487806.88	3673585.13	0.0154136	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
55 ALL	487827.72	3673585.13	0.01132119	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
56 ALL	487848.56	3673585.13	0.01300334	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
57 ALL	487869.4	3673585.13	0.02559103	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
58 ALL	487890.24	3673585.13	0.06682763	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
59 ALL	487911.08	3673585.13	0.1161678	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
60 ALL	487786.04	3673605.01	0.02851519	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
61 ALL	487806.88	3673605.01	0.01356004	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
62 ALL	487827.72	3673605.01	0.0121865	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
63 ALL	487848.56	3673605.01	0.01456199	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
64 ALL	487869.4	3673605.01	0.03438719	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
65 ALL	487890.24	3673605.01	0.06955568	108883 Toluene	0.00E+00 9YrCancerDerived	*	0.00E+00
1 ALL	487744.36	3673445.97	0.000816727	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
2 ALL	487765.2	3673445.97	0.00077113	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
3 ALL	487786.04	3673445.97	0.000907722	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
4 ALL	487723.52	3673465.85	0.001718141	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
5 ALL	487744.36	3673465.85	0.001159527	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
6 ALL	487765.2	3673465.85	0.001148011	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
7 ALL	487786.04	3673465.85	0.001558613	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
8 ALL	487806.88	3673465.85	0.002266743	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
9 ALL	487723.52	3673485.73	0.002975041	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
10 ALL	487744.36	3673485.73	0.001945683	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
11 ALL	487765.2	3673485.73	0.001829377	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
12 ALL	487786.04	3673485.73	0.002584342	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
13 ALL	487806.88	3673485.73	0.004339454	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
14 ALL	487827.72	3673485.73	0.008045991	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
15 ALL	487848.56	3673485.73	0.01302317	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
16 ALL	487723.52	3673505.61	0.005465786	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00

17 ALL	487744.36	3673505.61	0.004532988	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
18 ALL	487765.2	3673505.61	0.003273506	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
19 ALL	487786.04	3673505.61	0.004224009	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
20 ALL	487806.88	3673505.61	0.006521057	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
21 ALL	487827.72	3673505.61	0.00985023	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
22 ALL	487848.56	3673505.61	0.01424032	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
23 ALL	487869.4	3673505.61	0.01644431	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
24 ALL	487744.36	3673525.49	0.006038412	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
25 ALL	487765.2	3673525.49	0.004791744	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
26 ALL	487786.04	3673525.49	0.004449117	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
27 ALL	487806.88	3673525.49	0.005964248	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
28 ALL	487827.72	3673525.49	0.008118846	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
29 ALL	487848.56	3673525.49	0.0107287	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
30 ALL	487869.4	3673525.49	0.01462145	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
31 ALL	487890.24	3673525.49	0.0173968	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
32 ALL	487911.08	3673525.49	0.01922666	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
33 ALL	487744.36	3673545.37	0.00597634	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
34 ALL	487765.2	3673545.37	0.005139624	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
35 ALL	487786.04	3673545.37	0.003457704	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
36 ALL	487806.88	3673545.37	0.003584299	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
37 ALL	487827.72	3673545.37	0.003968889	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
38 ALL	487848.56	3673545.37	0.005355038	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
39 ALL	487869.4	3673545.37	0.009427335	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
40 ALL	487890.24	3673545.37	0.01496279	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
41 ALL	487911.08	3673545.37	0.01787312	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
42 ALL	487931.92	3673545.37	0.01910505	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
43 ALL	487744.36	3673565.25	0.006454594	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
44 ALL	487765.2	3673565.25	0.005363439	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
45 ALL	487786.04	3673565.25	0.003010469	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
46 ALL	487806.88	3673565.25	0.002093255	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
47 ALL	487827.72	3673565.25	0.001664338	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
48 ALL	487848.56	3673565.25	0.001848538	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
49 ALL	487869.4	3673565.25	0.003560586	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
50 ALL	487890.24	3673565.25	0.009747955	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00

51 ALL	487911.08	3673565.25	0.01541132	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
52 ALL	487765.2	3673585.13	0.005940632	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
53 ALL	487786.04	3673585.13	0.002597155	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
54 ALL	487806.88	3673585.13	0.001531628	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
55 ALL	487827.72	3673585.13	0.00113567	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
56 ALL	487848.56	3673585.13	0.00124453	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
57 ALL	487869.4	3673585.13	0.002283264	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
58 ALL	487890.24	3673585.13	0.006354682	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
59 ALL	487911.08	3673585.13	0.01175087	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
60 ALL	487786.04	3673605.01	0.002766383	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
61 ALL	487806.88	3673605.01	0.001341162	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
62 ALL	487827.72	3673605.01	0.001175409	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
63 ALL	487848.56	3673605.01	0.00133923	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
64 ALL	487869.4	3673605.01	0.003008812	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
65 ALL	487890.24	3673605.01	0.006723414	1330207 Xylenes	0.00E+00 9YrCancerDerived	*	0.00E+00
1 ALL	487744.36	3673445.97	0.001202999	50000 Formaldehyde	1.14E-09 9YrCancerDerived	*	1.14E-09 INHALATION
2 ALL	487765.2	3673445.97	0.001114272	50000 Formaldehyde	1.06E-09 9YrCancerDerived	*	1.06E-09 INHALATION
3 ALL	487786.04	3673445.97	0.001299287	50000 Formaldehyde	1.23E-09 9YrCancerDerived	*	1.23E-09 INHALATION
4 ALL	487723.52	3673465.85	0.003017851	50000 Formaldehyde	2.87E-09 9YrCancerDerived	*	2.87E-09 INHALATION
5 ALL	487744.36	3673465.85	0.001813543	50000 Formaldehyde	1.72E-09 9YrCancerDerived	*	1.72E-09 INHALATION
6 ALL	487765.2	3673465.85	0.001752618	50000 Formaldehyde	1.66E-09 9YrCancerDerived	*	1.66E-09 INHALATION
7 ALL	487786.04	3673465.85	0.002527912	50000 Formaldehyde	2.40E-09 9YrCancerDerived	*	2.40E-09 INHALATION
8 ALL	487806.88	3673465.85	0.004039245	50000 Formaldehyde	3.84E-09 9YrCancerDerived	*	3.84E-09 INHALATION
9 ALL	487723.52	3673485.73	0.005354794	50000 Formaldehyde	5.08E-09 9YrCancerDerived	*	5.08E-09 INHALATION
10 ALL	487744.36	3673485.73	0.003481183	50000 Formaldehyde	3.31E-09 9YrCancerDerived	*	3.31E-09 INHALATION
11 ALL	487765.2	3673485.73	0.003217176	50000 Formaldehyde	3.05E-09 9YrCancerDerived	*	3.05E-09 INHALATION
12 ALL	487786.04	3673485.73	0.004720738	50000 Formaldehyde	4.48E-09 9YrCancerDerived	*	4.48E-09 INHALATION
13 ALL	487806.88	3673485.73	0.007927175	50000 Formaldehyde	7.53E-09 9YrCancerDerived	*	7.53E-09 INHALATION
14 ALL	487827.72	3673485.73	0.01239395	50000 Formaldehyde	1.18E-08 9YrCancerDerived	*	1.18E-08 INHALATION
15 ALL	487848.56	3673485.73	0.01769947	50000 Formaldehyde	1.68E-08 9YrCancerDerived	*	1.68E-08 INHALATION
16 ALL	487723.52	3673505.61	0.008339088	50000 Formaldehyde	7.92E-09 9YrCancerDerived	*	7.92E-09 INHALATION
17 ALL	487744.36	3673505.61	0.007621893	50000 Formaldehyde	7.24E-09 9YrCancerDerived	*	7.24E-09 INHALATION
18 ALL	487765.2	3673505.61	0.0059676	50000 Formaldehyde	5.67E-09 9YrCancerDerived	*	5.67E-09 INHALATION
19 ALL	487786.04	3673505.61	0.007622101	50000 Formaldehyde	7.24E-09 9YrCancerDerived	*	7.24E-09 INHALATION

20	ALL	487806.88	3673505.61	0.01059299	50000 Formaldehyde	1.01E-08 9YrCancerDerived	*	1.01E-08 INHALATION
21	ALL	487827.72	3673505.61	0.01420726	50000 Formaldehyde	1.35E-08 9YrCancerDerived	*	1.35E-08 INHALATION
22	ALL	487848.56	3673505.61	0.01928887	50000 Formaldehyde	1.83E-08 9YrCancerDerived	*	1.83E-08 INHALATION
23	ALL	487869.4	3673505.61	0.02302683	50000 Formaldehyde	2.19E-08 9YrCancerDerived	*	2.19E-08 INHALATION
24	ALL	487744.36	3673525.49	0.009114223	50000 Formaldehyde	8.65E-09 9YrCancerDerived	*	8.65E-09 INHALATION
25	ALL	487765.2	3673525.49	0.00814727	50000 Formaldehyde	7.74E-09 9YrCancerDerived	*	7.74E-09 INHALATION
26	ALL	487786.04	3673525.49	0.00800193	50000 Formaldehyde	7.60E-09 9YrCancerDerived	*	7.60E-09 INHALATION
27	ALL	487806.88	3673525.49	0.01010353	50000 Formaldehyde	9.59E-09 9YrCancerDerived	*	9.59E-09 INHALATION
28	ALL	487827.72	3673525.49	0.01273241	50000 Formaldehyde	1.21E-08 9YrCancerDerived	*	1.21E-08 INHALATION
29	ALL	487848.56	3673525.49	0.01615251	50000 Formaldehyde	1.53E-08 9YrCancerDerived	*	1.53E-08 INHALATION
30	ALL	487869.4	3673525.49	0.0214981	50000 Formaldehyde	2.04E-08 9YrCancerDerived	*	2.04E-08 INHALATION
31	ALL	487890.24	3673525.49	0.02656735	50000 Formaldehyde	2.52E-08 9YrCancerDerived	*	2.52E-08 INHALATION
32	ALL	487911.08	3673525.49	0.03105532	50000 Formaldehyde	2.95E-08 9YrCancerDerived	*	2.95E-08 INHALATION
33	ALL	487744.36	3673545.37	0.009082545	50000 Formaldehyde	8.62E-09 9YrCancerDerived	*	8.62E-09 INHALATION
34	ALL	487765.2	3673545.37	0.008563072	50000 Formaldehyde	8.13E-09 9YrCancerDerived	*	8.13E-09 INHALATION
35	ALL	487786.04	3673545.37	0.006548102	50000 Formaldehyde	6.22E-09 9YrCancerDerived	*	6.22E-09 INHALATION
36	ALL	487806.88	3673545.37	0.006961657	50000 Formaldehyde	6.61E-09 9YrCancerDerived	*	6.61E-09 INHALATION
37	ALL	487827.72	3673545.37	0.00785229	50000 Formaldehyde	7.46E-09 9YrCancerDerived	*	7.46E-09 INHALATION
38	ALL	487848.56	3673545.37	0.01021269	50000 Formaldehyde	9.70E-09 9YrCancerDerived	*	9.70E-09 INHALATION
39	ALL	487869.4	3673545.37	0.0156407	50000 Formaldehyde	1.49E-08 9YrCancerDerived	*	1.49E-08 INHALATION
40	ALL	487890.24	3673545.37	0.02409502	50000 Formaldehyde	2.29E-08 9YrCancerDerived	*	2.29E-08 INHALATION
41	ALL	487911.08	3673545.37	0.03041304	50000 Formaldehyde	2.89E-08 9YrCancerDerived	*	2.89E-08 INHALATION
42	ALL	487931.92	3673545.37	0.0364397	50000 Formaldehyde	3.46E-08 9YrCancerDerived	*	3.46E-08 INHALATION
43	ALL	487744.36	3673565.25	0.009534766	50000 Formaldehyde	9.05E-09 9YrCancerDerived	*	9.05E-09 INHALATION
44	ALL	487765.2	3673565.25	0.008828865	50000 Formaldehyde	8.38E-09 9YrCancerDerived	*	8.38E-09 INHALATION
45	ALL	487786.04	3673565.25	0.005797967	50000 Formaldehyde	5.51E-09 9YrCancerDerived	*	5.51E-09 INHALATION
46	ALL	487806.88	3673565.25	0.004021903	50000 Formaldehyde	3.82E-09 9YrCancerDerived	*	3.82E-09 INHALATION
47	ALL	487827.72	3673565.25	0.003170831	50000 Formaldehyde	3.01E-09 9YrCancerDerived	*	3.01E-09 INHALATION
48	ALL	487848.56	3673565.25	0.003703363	50000 Formaldehyde	3.52E-09 9YrCancerDerived	*	3.52E-09 INHALATION
49	ALL	487869.4	3673565.25	0.007745951	50000 Formaldehyde	7.36E-09 9YrCancerDerived	*	7.36E-09 INHALATION
50	ALL	487890.24	3673565.25	0.01722991	50000 Formaldehyde	1.64E-08 9YrCancerDerived	*	1.64E-08 INHALATION
51	ALL	487911.08	3673565.25	0.02733677	50000 Formaldehyde	2.60E-08 9YrCancerDerived	*	2.60E-08 INHALATION
52	ALL	487765.2	3673585.13	0.009425609	50000 Formaldehyde	8.95E-09 9YrCancerDerived	*	8.95E-09 INHALATION
53	ALL	487786.04	3673585.13	0.005047729	50000 Formaldehyde	4.79E-09 9YrCancerDerived	*	4.79E-09 INHALATION

54 ALL	487806.88	3673585.13	0.002904437	50000 Formaldehyde	2.76E-09 9YrCancerDerived	*	2.76E-09 INHALATION
55 ALL	487827.72	3673585.13	0.002133213	50000 Formaldehyde	2.03E-09 9YrCancerDerived	*	2.03E-09 INHALATION
56 ALL	487848.56	3673585.13	0.002492294	50000 Formaldehyde	2.37E-09 9YrCancerDerived	*	2.37E-09 INHALATION
57 ALL	487869.4	3673585.13	0.005001128	50000 Formaldehyde	4.75E-09 9YrCancerDerived	*	4.75E-09 INHALATION
58 ALL	487890.24	3673585.13	0.01268502	50000 Formaldehyde	1.20E-08 9YrCancerDerived	*	1.20E-08 INHALATION
59 ALL	487911.08	3673585.13	0.0214865	50000 Formaldehyde	2.04E-08 9YrCancerDerived	*	2.04E-08 INHALATION
60 ALL	487786.04	3673605.01	0.005393657	50000 Formaldehyde	5.12E-09 9YrCancerDerived	*	5.12E-09 INHALATION
61 ALL	487806.88	3673605.01	0.002562701	50000 Formaldehyde	2.43E-09 9YrCancerDerived	*	2.43E-09 INHALATION
62 ALL	487827.72	3673605.01	0.002329471	50000 Formaldehyde	2.21E-09 9YrCancerDerived	*	2.21E-09 INHALATION
63 ALL	487848.56	3673605.01	0.002828545	50000 Formaldehyde	2.69E-09 9YrCancerDerived	*	2.69E-09 INHALATION
64 ALL	487869.4	3673605.01	0.006751539	50000 Formaldehyde	6.41E-09 9YrCancerDerived	*	6.41E-09 INHALATION
65 ALL	487890.24	3673605.01	0.01311585	50000 Formaldehyde	1.25E-08 9YrCancerDerived	*	1.25E-08 INHALATION
1 ALL	487744.36	3673445.97	4.80E-05	91203 Naphthalene	2.60E-10 9YrCancerDerived	*	2.60E-10 INHALATION
2 ALL	487765.2	3673445.97	4.45E-05	91203 Naphthalene	2.41E-10 9YrCancerDerived	*	2.41E-10 INHALATION
3 ALL	487786.04	3673445.97	5.17E-05	91203 Naphthalene	2.81E-10 9YrCancerDerived	*	2.81E-10 INHALATION
4 ALL	487723.52	3673465.85	0.000119185	91203 Naphthalene	6.47E-10 9YrCancerDerived	*	6.47E-10 INHALATION
5 ALL	487744.36	3673465.85	7.19E-05	91203 Naphthalene	3.90E-10 9YrCancerDerived	*	3.90E-10 INHALATION
6 ALL	487765.2	3673465.85	6.95E-05	91203 Naphthalene	3.77E-10 9YrCancerDerived	*	3.77E-10 INHALATION
7 ALL	487786.04	3673465.85	9.99E-05	91203 Naphthalene	5.42E-10 9YrCancerDerived	*	5.42E-10 INHALATION
8 ALL	487806.88	3673465.85	0.000159222	91203 Naphthalene	8.64E-10 9YrCancerDerived	*	8.64E-10 INHALATION
9 ALL	487723.52	3673485.73	0.000210819	91203 Naphthalene	1.14E-09 9YrCancerDerived	*	1.14E-09 INHALATION
10 ALL	487744.36	3673485.73	0.000137313	91203 Naphthalene	7.45E-10 9YrCancerDerived	*	7.45E-10 INHALATION
11 ALL	487765.2	3673485.73	0.000126952	91203 Naphthalene	6.89E-10 9YrCancerDerived	*	6.89E-10 INHALATION
12 ALL	487786.04	3673485.73	0.000185909	91203 Naphthalene	1.01E-09 9YrCancerDerived	*	1.01E-09 INHALATION
13 ALL	487806.88	3673485.73	0.000311629	91203 Naphthalene	1.69E-09 9YrCancerDerived	*	1.69E-09 INHALATION
14 ALL	487827.72	3673485.73	0.000486911	91203 Naphthalene	2.64E-09 9YrCancerDerived	*	2.64E-09 INHALATION
15 ALL	487848.56	3673485.73	0.000695563	91203 Naphthalene	3.77E-09 9YrCancerDerived	*	3.77E-09 INHALATION
16 ALL	487723.52	3673505.61	0.000327974	91203 Naphthalene	1.78E-09 9YrCancerDerived	*	1.78E-09 INHALATION
17 ALL	487744.36	3673505.61	0.000299731	91203 Naphthalene	1.63E-09 9YrCancerDerived	*	1.63E-09 INHALATION
18 ALL	487765.2	3673505.61	0.000234782	91203 Naphthalene	1.27E-09 9YrCancerDerived	*	1.27E-09 INHALATION
19 ALL	487786.04	3673505.61	0.000299656	91203 Naphthalene	1.63E-09 9YrCancerDerived	*	1.63E-09 INHALATION
20 ALL	487806.88	3673505.61	0.000416227	91203 Naphthalene	2.26E-09 9YrCancerDerived	*	2.26E-09 INHALATION
21 ALL	487827.72	3673505.61	0.000558197	91203 Naphthalene	3.03E-09 9YrCancerDerived	*	3.03E-09 INHALATION
22 ALL	487848.56	3673505.61	0.000758387	91203 Naphthalene	4.12E-09 9YrCancerDerived	*	4.12E-09 INHALATION

23 ALL	487869.4	3673505.61	0.000905694	91203 Naphthalene	4.91E-09 9YrCancerDerived	*	4.91E-09 INHALATION
24 ALL	487744.36	3673525.49	0.000358348	91203 Naphthalene	1.94E-09 9YrCancerDerived	*	1.94E-09 INHALATION
25 ALL	487765.2	3673525.49	0.000320279	91203 Naphthalene	1.74E-09 9YrCancerDerived	*	1.74E-09 INHALATION
26 ALL	487786.04	3673525.49	0.000314527	91203 Naphthalene	1.71E-09 9YrCancerDerived	*	1.71E-09 INHALATION
27 ALL	487806.88	3673525.49	0.000396977	91203 Naphthalene	2.15E-09 9YrCancerDerived	*	2.15E-09 INHALATION
28 ALL	487827.72	3673525.49	0.000500166	91203 Naphthalene	2.71E-09 9YrCancerDerived	*	2.71E-09 INHALATION
29 ALL	487848.56	3673525.49	0.000634543	91203 Naphthalene	3.44E-09 9YrCancerDerived	*	3.44E-09 INHALATION
30 ALL	487869.4	3673525.49	0.000845091	91203 Naphthalene	4.59E-09 9YrCancerDerived	*	4.59E-09 INHALATION
31 ALL	487890.24	3673525.49	0.001045122	91203 Naphthalene	5.67E-09 9YrCancerDerived	*	5.67E-09 INHALATION
32 ALL	487911.08	3673525.49	0.00122226	91203 Naphthalene	6.63E-09 9YrCancerDerived	*	6.63E-09 INHALATION
33 ALL	487744.36	3673545.37	0.000357081	91203 Naphthalene	1.94E-09 9YrCancerDerived	*	1.94E-09 INHALATION
34 ALL	487765.2	3673545.37	0.000336586	91203 Naphthalene	1.83E-09 9YrCancerDerived	*	1.83E-09 INHALATION
35 ALL	487786.04	3673545.37	0.000257463	91203 Naphthalene	1.40E-09 9YrCancerDerived	*	1.40E-09 INHALATION
36 ALL	487806.88	3673545.37	0.00027366	91203 Naphthalene	1.48E-09 9YrCancerDerived	*	1.48E-09 INHALATION
37 ALL	487827.72	3673545.37	0.000308562	91203 Naphthalene	1.67E-09 9YrCancerDerived	*	1.67E-09 INHALATION
38 ALL	487848.56	3673545.37	0.000401117	91203 Naphthalene	2.18E-09 9YrCancerDerived	*	2.18E-09 INHALATION
39 ALL	487869.4	3673545.37	0.000614168	91203 Naphthalene	3.33E-09 9YrCancerDerived	*	3.33E-09 INHALATION
40 ALL	487890.24	3673545.37	0.000947071	91203 Naphthalene	5.14E-09 9YrCancerDerived	*	5.14E-09 INHALATION
41 ALL	487911.08	3673545.37	0.00119672	91203 Naphthalene	6.49E-09 9YrCancerDerived	*	6.49E-09 INHALATION
42 ALL	487931.92	3673545.37	0.001434633	91203 Naphthalene	7.78E-09 9YrCancerDerived	*	7.78E-09 INHALATION
43 ALL	487744.36	3673565.25	0.000374869	91203 Naphthalene	2.03E-09 9YrCancerDerived	*	2.03E-09 INHALATION
44 ALL	487765.2	3673565.25	0.000347014	91203 Naphthalene	1.88E-09 9YrCancerDerived	*	1.88E-09 INHALATION
45 ALL	487786.04	3673565.25	0.000228016	91203 Naphthalene	1.24E-09 9YrCancerDerived	*	1.24E-09 INHALATION
46 ALL	487806.88	3673565.25	0.000158356	91203 Naphthalene	8.59E-10 9YrCancerDerived	*	8.59E-10 INHALATION
47 ALL	487827.72	3673565.25	0.000124972	91203 Naphthalene	6.78E-10 9YrCancerDerived	*	6.78E-10 INHALATION
48 ALL	487848.56	3673565.25	0.000145848	91203 Naphthalene	7.91E-10 9YrCancerDerived	*	7.91E-10 INHALATION
49 ALL	487869.4	3673565.25	0.00030432	91203 Naphthalene	1.65E-09 9YrCancerDerived	*	1.65E-09 INHALATION
50 ALL	487890.24	3673565.25	0.000676471	91203 Naphthalene	3.67E-09 9YrCancerDerived	*	3.67E-09 INHALATION
51 ALL	487911.08	3673565.25	0.001074521	91203 Naphthalene	5.83E-09 9YrCancerDerived	*	5.83E-09 INHALATION
52 ALL	487765.2	3673585.13	0.000370468	91203 Naphthalene	2.01E-09 9YrCancerDerived	*	2.01E-09 INHALATION
53 ALL	487786.04	3673585.13	0.000198568	91203 Naphthalene	1.08E-09 9YrCancerDerived	*	1.08E-09 INHALATION
54 ALL	487806.88	3673585.13	0.000114502	91203 Naphthalene	6.21E-10 9YrCancerDerived	*	6.21E-10 INHALATION
55 ALL	487827.72	3673585.13	8.42E-05	91203 Naphthalene	4.57E-10 9YrCancerDerived	*	4.57E-10 INHALATION
56 ALL	487848.56	3673585.13	9.83E-05	91203 Naphthalene	5.33E-10 9YrCancerDerived	*	5.33E-10 INHALATION

57 ALL	487869.4	3673585.13	0.000196693	91203 Naphthalene	1.07E-09 9YrCancerDerived	*	1.07E-09 INHALATION
58 ALL	487890.24	3673585.13	0.000497995	91203 Naphthalene	2.70E-09 9YrCancerDerived	*	2.70E-09 INHALATION
59 ALL	487911.08	3673585.13	0.000843736	91203 Naphthalene	4.58E-09 9YrCancerDerived	*	4.58E-09 INHALATION
60 ALL	487786.04	3673605.01	0.000212114	91203 Naphthalene	1.15E-09 9YrCancerDerived	*	1.15E-09 INHALATION
61 ALL	487806.88	3673605.01	0.000101069	91203 Naphthalene	5.48E-10 9YrCancerDerived	*	5.48E-10 INHALATION
62 ALL	487827.72	3673605.01	9.19E-05	91203 Naphthalene	4.99E-10 9YrCancerDerived	*	4.99E-10 INHALATION
63 ALL	487848.56	3673605.01	0.000111483	91203 Naphthalene	6.05E-10 9YrCancerDerived	*	6.05E-10 INHALATION
64 ALL	487869.4	3673605.01	0.000265294	91203 Naphthalene	1.44E-09 9YrCancerDerived	*	1.44E-09 INHALATION
65 ALL	487890.24	3673605.01	0.000514923	91203 Naphthalene	2.79E-09 9YrCancerDerived	*	2.79E-09 INHALATION
1 ALL	487744.36	3673445.97	0.000531028	75070 Acetaldehyde	2.40E-10 9YrCancerDerived	*	2.40E-10 INHALATION
2 ALL	487765.2	3673445.97	0.000491787	75070 Acetaldehyde	2.22E-10 9YrCancerDerived	*	2.22E-10 INHALATION
3 ALL	487786.04	3673445.97	0.000573632	75070 Acetaldehyde	2.59E-10 9YrCancerDerived	*	2.59E-10 INHALATION
4 ALL	487723.52	3673465.85	0.001334075	75070 Acetaldehyde	6.03E-10 9YrCancerDerived	*	6.03E-10 INHALATION
5 ALL	487744.36	3673465.85	0.000801196	75070 Acetaldehyde	3.62E-10 9YrCancerDerived	*	3.62E-10 INHALATION
6 ALL	487765.2	3673465.85	0.000774247	75070 Acetaldehyde	3.50E-10 9YrCancerDerived	*	3.50E-10 INHALATION
7 ALL	487786.04	3673465.85	0.001117296	75070 Acetaldehyde	5.05E-10 9YrCancerDerived	*	5.05E-10 INHALATION
8 ALL	487806.88	3673465.85	0.001786109	75070 Acetaldehyde	8.08E-10 9YrCancerDerived	*	8.08E-10 INHALATION
9 ALL	487723.52	3673485.73	0.002368274	75070 Acetaldehyde	1.07E-09 9YrCancerDerived	*	1.07E-09 INHALATION
10 ALL	487744.36	3673485.73	0.001539187	75070 Acetaldehyde	6.96E-10 9YrCancerDerived	*	6.96E-10 INHALATION
11 ALL	487765.2	3673485.73	0.001422368	75070 Acetaldehyde	6.43E-10 9YrCancerDerived	*	6.43E-10 INHALATION
12 ALL	487786.04	3673485.73	0.002087759	75070 Acetaldehyde	9.44E-10 9YrCancerDerived	*	9.44E-10 INHALATION
13 ALL	487806.88	3673485.73	0.003506761	75070 Acetaldehyde	1.59E-09 9YrCancerDerived	*	1.59E-09 INHALATION
14 ALL	487827.72	3673485.73	0.005483273	75070 Acetaldehyde	2.48E-09 9YrCancerDerived	*	2.48E-09 INHALATION
15 ALL	487848.56	3673485.73	0.007830145	75070 Acetaldehyde	3.54E-09 9YrCancerDerived	*	3.54E-09 INHALATION
16 ALL	487723.52	3673505.61	0.003688719	75070 Acetaldehyde	1.67E-09 9YrCancerDerived	*	1.67E-09 INHALATION
17 ALL	487744.36	3673505.61	0.003371538	75070 Acetaldehyde	1.52E-09 9YrCancerDerived	*	1.52E-09 INHALATION
18 ALL	487765.2	3673505.61	0.00263958	75070 Acetaldehyde	1.19E-09 9YrCancerDerived	*	1.19E-09 INHALATION
19 ALL	487786.04	3673505.61	0.003371771	75070 Acetaldehyde	1.52E-09 9YrCancerDerived	*	1.52E-09 INHALATION
20 ALL	487806.88	3673505.61	0.004686385	75070 Acetaldehyde	2.12E-09 9YrCancerDerived	*	2.12E-09 INHALATION
21 ALL	487827.72	3673505.61	0.006285429	75070 Acetaldehyde	2.84E-09 9YrCancerDerived	*	2.84E-09 INHALATION
22 ALL	487848.56	3673505.61	0.008532663	75070 Acetaldehyde	3.86E-09 9YrCancerDerived	*	3.86E-09 INHALATION
23 ALL	487869.4	3673505.61	0.01018562	75070 Acetaldehyde	4.61E-09 9YrCancerDerived	*	4.61E-09 INHALATION
24 ALL	487744.36	3673525.49	0.004031785	75070 Acetaldehyde	1.82E-09 9YrCancerDerived	*	1.82E-09 INHALATION
25 ALL	487765.2	3673525.49	0.003604129	75070 Acetaldehyde	1.63E-09 9YrCancerDerived	*	1.63E-09 INHALATION

26 ALL	487786.04	3673525.49	0.003539901	75070 Acetaldehyde	1.60E-09 9YrCancerDerived	*	1.60E-09 INHALATION
27 ALL	487806.88	3673525.49	0.004469876	75070 Acetaldehyde	2.02E-09 9YrCancerDerived	*	2.02E-09 INHALATION
28 ALL	487827.72	3673525.49	0.005633085	75070 Acetaldehyde	2.55E-09 9YrCancerDerived	*	2.55E-09 INHALATION
29 ALL	487848.56	3673525.49	0.007146166	75070 Acetaldehyde	3.23E-09 9YrCancerDerived	*	3.23E-09 INHALATION
30 ALL	487869.4	3673525.49	0.009510214	75070 Acetaldehyde	4.30E-09 9YrCancerDerived	*	4.30E-09 INHALATION
31 ALL	487890.24	3673525.49	0.01175143	75070 Acetaldehyde	5.31E-09 9YrCancerDerived	*	5.31E-09 INHALATION
32 ALL	487911.08	3673525.49	0.01373556	75070 Acetaldehyde	6.21E-09 9YrCancerDerived	*	6.21E-09 INHALATION
33 ALL	487744.36	3673545.37	0.004017808	75070 Acetaldehyde	1.82E-09 9YrCancerDerived	*	1.82E-09 INHALATION
34 ALL	487765.2	3673545.37	0.003788135	75070 Acetaldehyde	1.71E-09 9YrCancerDerived	*	1.71E-09 INHALATION
35 ALL	487786.04	3673545.37	0.002896616	75070 Acetaldehyde	1.31E-09 9YrCancerDerived	*	1.31E-09 INHALATION
36 ALL	487806.88	3673545.37	0.003079666	75070 Acetaldehyde	1.39E-09 9YrCancerDerived	*	1.39E-09 INHALATION
37 ALL	487827.72	3673545.37	0.003473846	75070 Acetaldehyde	1.57E-09 9YrCancerDerived	*	1.57E-09 INHALATION
38 ALL	487848.56	3673545.37	0.004518424	75070 Acetaldehyde	2.04E-09 9YrCancerDerived	*	2.04E-09 INHALATION
39 ALL	487869.4	3673545.37	0.006920194	75070 Acetaldehyde	3.13E-09 9YrCancerDerived	*	3.13E-09 INHALATION
40 ALL	487890.24	3673545.37	0.0106592	75070 Acetaldehyde	4.82E-09 9YrCancerDerived	*	4.82E-09 INHALATION
41 ALL	487911.08	3673545.37	0.01345194	75070 Acetaldehyde	6.08E-09 9YrCancerDerived	*	6.08E-09 INHALATION
42 ALL	487931.92	3673545.37	0.01611626	75070 Acetaldehyde	7.29E-09 9YrCancerDerived	*	7.29E-09 INHALATION
43 ALL	487744.36	3673565.25	0.004217841	75070 Acetaldehyde	1.91E-09 9YrCancerDerived	*	1.91E-09 INHALATION
44 ALL	487765.2	3673565.25	0.00390575	75070 Acetaldehyde	1.77E-09 9YrCancerDerived	*	1.77E-09 INHALATION
45 ALL	487786.04	3673565.25	0.002564707	75070 Acetaldehyde	1.16E-09 9YrCancerDerived	*	1.16E-09 INHALATION
46 ALL	487806.88	3673565.25	0.001778752	75070 Acetaldehyde	8.04E-10 9YrCancerDerived	*	8.04E-10 INHALATION
47 ALL	487827.72	3673565.25	0.001402137	75070 Acetaldehyde	6.34E-10 9YrCancerDerived	*	6.34E-10 INHALATION
48 ALL	487848.56	3673565.25	0.001637815	75070 Acetaldehyde	7.41E-10 9YrCancerDerived	*	7.41E-10 INHALATION
49 ALL	487869.4	3673565.25	0.003426909	75070 Acetaldehyde	1.55E-09 9YrCancerDerived	*	1.55E-09 INHALATION
50 ALL	487890.24	3673565.25	0.007623509	75070 Acetaldehyde	3.45E-09 9YrCancerDerived	*	3.45E-09 INHALATION
51 ALL	487911.08	3673565.25	0.01209325	75070 Acetaldehyde	5.47E-09 9YrCancerDerived	*	5.47E-09 INHALATION
52 ALL	487765.2	3673585.13	0.004169741	75070 Acetaldehyde	1.89E-09 9YrCancerDerived	*	1.89E-09 INHALATION
53 ALL	487786.04	3673585.13	0.002232746	75070 Acetaldehyde	1.01E-09 9YrCancerDerived	*	1.01E-09 INHALATION
54 ALL	487806.88	3673585.13	0.001284288	75070 Acetaldehyde	5.81E-10 9YrCancerDerived	*	5.81E-10 INHALATION
55 ALL	487827.72	3673585.13	0.000943035	75070 Acetaldehyde	4.26E-10 9YrCancerDerived	*	4.26E-10 INHALATION
56 ALL	487848.56	3673585.13	0.001101938	75070 Acetaldehyde	4.98E-10 9YrCancerDerived	*	4.98E-10 INHALATION
57 ALL	487869.4	3673585.13	0.002212204	75070 Acetaldehyde	1.00E-09 9YrCancerDerived	*	1.00E-09 INHALATION
58 ALL	487890.24	3673585.13	0.00561265	75070 Acetaldehyde	2.54E-09 9YrCancerDerived	*	2.54E-09 INHALATION
59 ALL	487911.08	3673585.13	0.009506619	75070 Acetaldehyde	4.30E-09 9YrCancerDerived	*	4.30E-09 INHALATION

60 ALL	487786.04	3673605.01	0.002385866	75070 Acetaldehyde	1.08E-09 9YrCancerDerived	*	1.08E-09 INHALATION
61 ALL	487806.88	3673605.01	0.001133111	75070 Acetaldehyde	5.12E-10 9YrCancerDerived	*	5.12E-10 INHALATION
62 ALL	487827.72	3673605.01	0.001029921	75070 Acetaldehyde	4.66E-10 9YrCancerDerived	*	4.66E-10 INHALATION
63 ALL	487848.56	3673605.01	0.001250776	75070 Acetaldehyde	5.66E-10 9YrCancerDerived	*	5.66E-10 INHALATION
64 ALL	487869.4	3673605.01	0.002986897	75070 Acetaldehyde	1.35E-09 9YrCancerDerived	*	1.35E-09 INHALATION
65 ALL	487890.24	3673605.01	0.005803253	75070 Acetaldehyde	2.62E-09 9YrCancerDerived	*	2.62E-09 INHALATION
1 ALL	487744.36	3673445.97	7.16E-05	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
2 ALL	487765.2	3673445.97	6.64E-05	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
3 ALL	487786.04	3673445.97	7.73E-05	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
4 ALL	487723.52	3673465.85	0.000177716	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
5 ALL	487744.36	3673465.85	0.000107308	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
6 ALL	487765.2	3673465.85	0.000103737	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
7 ALL	487786.04	3673465.85	0.000149064	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
8 ALL	487806.88	3673465.85	0.000237338	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
9 ALL	487723.52	3673485.73	0.000314183	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
10 ALL	487744.36	3673485.73	0.000204704	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
11 ALL	487765.2	3673485.73	0.000189271	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
12 ALL	487786.04	3673485.73	0.000277074	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
13 ALL	487806.88	3673485.73	0.000464301	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
14 ALL	487827.72	3673485.73	0.000725375	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
15 ALL	487848.56	3673485.73	0.00103627	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
16 ALL	487723.52	3673505.61	0.000488693	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
17 ALL	487744.36	3673505.61	0.0004466	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
18 ALL	487765.2	3673505.61	0.000349854	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
19 ALL	487786.04	3673505.61	0.000446467	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
20 ALL	487806.88	3673505.61	0.000620092	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
21 ALL	487827.72	3673505.61	0.000831585	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
22 ALL	487848.56	3673505.61	0.001129962	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
23 ALL	487869.4	3673505.61	0.001349529	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
24 ALL	487744.36	3673525.49	0.000533922	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
25 ALL	487765.2	3673525.49	0.000477188	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
26 ALL	487786.04	3673525.49	0.000468607	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
27 ALL	487806.88	3673525.49	0.000591409	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
28 ALL	487827.72	3673525.49	0.000745111	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00

29 ALL	487848.56	3673525.49	0.000945303	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
30 ALL	487869.4	3673525.49	0.001259105	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
31 ALL	487890.24	3673525.49	0.001557328	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
32 ALL	487911.08	3673525.49	0.001821431	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
33 ALL	487744.36	3673545.37	0.000532029	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
34 ALL	487765.2	3673545.37	0.000501474	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
35 ALL	487786.04	3673545.37	0.00038361	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
36 ALL	487806.88	3673545.37	0.000407727	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
37 ALL	487827.72	3673545.37	0.000459699	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
38 ALL	487848.56	3673545.37	0.000597538	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
39 ALL	487869.4	3673545.37	0.000914881	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
40 ALL	487890.24	3673545.37	0.001411019	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
41 ALL	487911.08	3673545.37	0.001783303	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
42 ALL	487931.92	3673545.37	0.002138029	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
43 ALL	487744.36	3673565.25	0.000558534	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
44 ALL	487765.2	3673565.25	0.000517005	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
45 ALL	487786.04	3673565.25	0.000339748	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
46 ALL	487806.88	3673565.25	0.000236	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
47 ALL	487827.72	3673565.25	0.00018628	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
48 ALL	487848.56	3673565.25	0.000217368	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
49 ALL	487869.4	3673565.25	0.000453363	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
50 ALL	487890.24	3673565.25	0.001007664	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
51 ALL	487911.08	3673565.25	0.001600912	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
52 ALL	487765.2	3673585.13	0.000551949	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
53 ALL	487786.04	3673585.13	0.000295883	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
54 ALL	487806.88	3673585.13	0.000170681	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
55 ALL	487827.72	3673585.13	0.000125596	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
56 ALL	487848.56	3673585.13	0.000146572	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
57 ALL	487869.4	3673585.13	0.000293079	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
58 ALL	487890.24	3673585.13	0.000741797	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
59 ALL	487911.08	3673585.13	0.001256857	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
60 ALL	487786.04	3673605.01	0.000316052	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
61 ALL	487806.88	3673605.01	0.000150667	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
62 ALL	487827.72	3673605.01	0.000137023	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00

63 ALL	487848.56	3673605.01	0.000166174	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
64 ALL	487869.4	3673605.01	0.000395234	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
65 ALL	487890.24	3673605.01	0.000767017	107028 Acrolein	0.00E+00 9YrCancerDerived	*	0.00E+00
1 ALL	487744.36	3673445.97	0.000451451	106990 1,3-Butadiene	1.22E-08 9YrCancerDerived	*	1.22E-08 INHALATION
2 ALL	487765.2	3673445.97	0.00041862	106990 1,3-Butadiene	1.14E-08 9YrCancerDerived	*	1.14E-08 INHALATION
3 ALL	487786.04	3673445.97	0.00048696	106990 1,3-Butadiene	1.32E-08 9YrCancerDerived	*	1.32E-08 INHALATION
4 ALL	487723.52	3673465.85	0.001120487	106990 1,3-Butadiene	3.04E-08 9YrCancerDerived	*	3.04E-08 INHALATION
5 ALL	487744.36	3673465.85	0.000676458	106990 1,3-Butadiene	1.84E-08 9YrCancerDerived	*	1.84E-08 INHALATION
6 ALL	487765.2	3673465.85	0.000653938	106990 1,3-Butadiene	1.77E-08 9YrCancerDerived	*	1.77E-08 INHALATION
7 ALL	487786.04	3673465.85	0.000939794	106990 1,3-Butadiene	2.55E-08 9YrCancerDerived	*	2.55E-08 INHALATION
8 ALL	487806.88	3673465.85	0.001496514	106990 1,3-Butadiene	4.06E-08 9YrCancerDerived	*	4.06E-08 INHALATION
9 ALL	487723.52	3673485.73	0.001981154	106990 1,3-Butadiene	5.37E-08 9YrCancerDerived	*	5.37E-08 INHALATION
10 ALL	487744.36	3673485.73	0.001290709	106990 1,3-Butadiene	3.50E-08 9YrCancerDerived	*	3.50E-08 INHALATION
11 ALL	487765.2	3673485.73	0.00119338	106990 1,3-Butadiene	3.24E-08 9YrCancerDerived	*	3.24E-08 INHALATION
12 ALL	487786.04	3673485.73	0.00174713	106990 1,3-Butadiene	4.74E-08 9YrCancerDerived	*	4.74E-08 INHALATION
13 ALL	487806.88	3673485.73	0.002927935	106990 1,3-Butadiene	7.94E-08 9YrCancerDerived	*	7.94E-08 INHALATION
14 ALL	487827.72	3673485.73	0.00457442	106990 1,3-Butadiene	1.24E-07 9YrCancerDerived	*	1.24E-07 INHALATION
15 ALL	487848.56	3673485.73	0.006534927	106990 1,3-Butadiene	1.77E-07 9YrCancerDerived	*	1.77E-07 INHALATION
16 ALL	487723.52	3673505.61	0.003081696	106990 1,3-Butadiene	8.36E-08 9YrCancerDerived	*	8.36E-08 INHALATION
17 ALL	487744.36	3673505.61	0.002816267	106990 1,3-Butadiene	7.64E-08 9YrCancerDerived	*	7.64E-08 INHALATION
18 ALL	487765.2	3673505.61	0.002206144	106990 1,3-Butadiene	5.99E-08 9YrCancerDerived	*	5.99E-08 INHALATION
19 ALL	487786.04	3673505.61	0.002815463	106990 1,3-Butadiene	7.64E-08 9YrCancerDerived	*	7.64E-08 INHALATION
20 ALL	487806.88	3673505.61	0.003910444	106990 1,3-Butadiene	1.06E-07 9YrCancerDerived	*	1.06E-07 INHALATION
21 ALL	487827.72	3673505.61	0.00524419	106990 1,3-Butadiene	1.42E-07 9YrCancerDerived	*	1.42E-07 INHALATION
22 ALL	487848.56	3673505.61	0.007125623	106990 1,3-Butadiene	1.93E-07 9YrCancerDerived	*	1.93E-07 INHALATION
23 ALL	487869.4	3673505.61	0.008510101	106990 1,3-Butadiene	2.31E-07 9YrCancerDerived	*	2.31E-07 INHALATION
24 ALL	487744.36	3673525.49	0.00336695	106990 1,3-Butadiene	9.13E-08 9YrCancerDerived	*	9.13E-08 INHALATION
25 ALL	487765.2	3673525.49	0.003009203	106990 1,3-Butadiene	8.16E-08 9YrCancerDerived	*	8.16E-08 INHALATION
26 ALL	487786.04	3673525.49	0.002955106	106990 1,3-Butadiene	8.02E-08 9YrCancerDerived	*	8.02E-08 INHALATION
27 ALL	487806.88	3673525.49	0.003729571	106990 1,3-Butadiene	1.01E-07 9YrCancerDerived	*	1.01E-07 INHALATION
28 ALL	487827.72	3673525.49	0.004698895	106990 1,3-Butadiene	1.27E-07 9YrCancerDerived	*	1.27E-07 INHALATION
29 ALL	487848.56	3673525.49	0.005961355	106990 1,3-Butadiene	1.62E-07 9YrCancerDerived	*	1.62E-07 INHALATION
30 ALL	487869.4	3673525.49	0.007940072	106990 1,3-Butadiene	2.15E-07 9YrCancerDerived	*	2.15E-07 INHALATION
31 ALL	487890.24	3673525.49	0.00982041	106990 1,3-Butadiene	2.66E-07 9YrCancerDerived	*	2.66E-07 INHALATION

32 ALL	487911.08	3673525.49	0.0114856	106990	1,3-Butadiene	3.12E-07	9YrCancerDerived	*	3.12E-07	INHALATION
33 ALL	487744.36	3673545.37	0.003355024	106990	1,3-Butadiene	9.10E-08	9YrCancerDerived	*	9.10E-08	INHALATION
34 ALL	487765.2	3673545.37	0.003162368	106990	1,3-Butadiene	8.58E-08	9YrCancerDerived	*	8.58E-08	INHALATION
35 ALL	487786.04	3673545.37	0.002419072	106990	1,3-Butadiene	6.56E-08	9YrCancerDerived	*	6.56E-08	INHALATION
36 ALL	487806.88	3673545.37	0.002571176	106990	1,3-Butadiene	6.98E-08	9YrCancerDerived	*	6.98E-08	INHALATION
37 ALL	487827.72	3673545.37	0.00289896	106990	1,3-Butadiene	7.86E-08	9YrCancerDerived	*	7.86E-08	INHALATION
38 ALL	487848.56	3673545.37	0.003768279	106990	1,3-Butadiene	1.02E-07	9YrCancerDerived	*	1.02E-07	INHALATION
39 ALL	487869.4	3673545.37	0.005769611	106990	1,3-Butadiene	1.57E-07	9YrCancerDerived	*	1.57E-07	INHALATION
40 ALL	487890.24	3673545.37	0.008898098	106990	1,3-Butadiene	2.41E-07	9YrCancerDerived	*	2.41E-07	INHALATION
41 ALL	487911.08	3673545.37	0.01124527	106990	1,3-Butadiene	3.05E-07	9YrCancerDerived	*	3.05E-07	INHALATION
42 ALL	487931.92	3673545.37	0.01348183	106990	1,3-Butadiene	3.66E-07	9YrCancerDerived	*	3.66E-07	INHALATION
43 ALL	487744.36	3673565.25	0.003522159	106990	1,3-Butadiene	9.56E-08	9YrCancerDerived	*	9.56E-08	INHALATION
44 ALL	487765.2	3673565.25	0.003260314	106990	1,3-Butadiene	8.85E-08	9YrCancerDerived	*	8.85E-08	INHALATION
45 ALL	487786.04	3673565.25	0.002142452	106990	1,3-Butadiene	5.81E-08	9YrCancerDerived	*	5.81E-08	INHALATION
46 ALL	487806.88	3673565.25	0.001488148	106990	1,3-Butadiene	4.04E-08	9YrCancerDerived	*	4.04E-08	INHALATION
47 ALL	487827.72	3673565.25	0.001174581	106990	1,3-Butadiene	3.19E-08	9YrCancerDerived	*	3.19E-08	INHALATION
48 ALL	487848.56	3673565.25	0.001370647	106990	1,3-Butadiene	3.72E-08	9YrCancerDerived	*	3.72E-08	INHALATION
49 ALL	487869.4	3673565.25	0.002859029	106990	1,3-Butadiene	7.76E-08	9YrCancerDerived	*	7.76E-08	INHALATION
50 ALL	487890.24	3673565.25	0.006354773	106990	1,3-Butadiene	1.72E-07	9YrCancerDerived	*	1.72E-07	INHALATION
51 ALL	487911.08	3673565.25	0.01009558	106990	1,3-Butadiene	2.74E-07	9YrCancerDerived	*	2.74E-07	INHALATION
52 ALL	487765.2	3673585.13	0.003480679	106990	1,3-Butadiene	9.44E-08	9YrCancerDerived	*	9.44E-08	INHALATION
53 ALL	487786.04	3673585.13	0.001865821	106990	1,3-Butadiene	5.06E-08	9YrCancerDerived	*	5.06E-08	INHALATION
54 ALL	487806.88	3673585.13	0.001076208	106990	1,3-Butadiene	2.92E-08	9YrCancerDerived	*	2.92E-08	INHALATION
55 ALL	487827.72	3673585.13	0.000791882	106990	1,3-Butadiene	2.15E-08	9YrCancerDerived	*	2.15E-08	INHALATION
56 ALL	487848.56	3673585.13	0.000924166	106990	1,3-Butadiene	2.51E-08	9YrCancerDerived	*	2.51E-08	INHALATION
57 ALL	487869.4	3673585.13	0.001848155	106990	1,3-Butadiene	5.01E-08	9YrCancerDerived	*	5.01E-08	INHALATION
58 ALL	487890.24	3673585.13	0.004678115	106990	1,3-Butadiene	1.27E-07	9YrCancerDerived	*	1.27E-07	INHALATION
59 ALL	487911.08	3673585.13	0.00792624	106990	1,3-Butadiene	2.15E-07	9YrCancerDerived	*	2.15E-07	INHALATION
60 ALL	487786.04	3673605.01	0.001993028	106990	1,3-Butadiene	5.41E-08	9YrCancerDerived	*	5.41E-08	INHALATION
61 ALL	487806.88	3673605.01	0.00095	106990	1,3-Butadiene	2.58E-08	9YrCancerDerived	*	2.58E-08	INHALATION
62 ALL	487827.72	3673605.01	0.000863955	106990	1,3-Butadiene	2.34E-08	9YrCancerDerived	*	2.34E-08	INHALATION
63 ALL	487848.56	3673605.01	0.001047799	106990	1,3-Butadiene	2.84E-08	9YrCancerDerived	*	2.84E-08	INHALATION
64 ALL	487869.4	3673605.01	0.002492436	106990	1,3-Butadiene	6.76E-08	9YrCancerDerived	*	6.76E-08	INHALATION
65 ALL	487890.24	3673605.01	0.004837156	106990	1,3-Butadiene	1.31E-07	9YrCancerDerived	*	1.31E-07	INHALATION

1 ALL	487744.36	3673445.97	0.003546598	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
2 ALL	487765.2	3673445.97	0.003288452	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
3 ALL	487786.04	3673445.97	0.003825856	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
4 ALL	487723.52	3673465.85	0.008808381	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
5 ALL	487744.36	3673465.85	0.005316249	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
6 ALL	487765.2	3673465.85	0.005139166	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
7 ALL	487786.04	3673465.85	0.007387322	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
8 ALL	487806.88	3673465.85	0.01176598	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
9 ALL	487723.52	3673485.73	0.01557771	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
10 ALL	487744.36	3673485.73	0.01014742	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
11 ALL	487765.2	3673485.73	0.009381959	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
12 ALL	487786.04	3673485.73	0.01373731	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
13 ALL	487806.88	3673485.73	0.02302463	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
14 ALL	487827.72	3673485.73	0.03597388	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
15 ALL	487848.56	3673485.73	0.05139043	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
16 ALL	487723.52	3673505.61	0.02423298	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
17 ALL	487744.36	3673505.61	0.02214597	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
18 ALL	487765.2	3673505.61	0.01734765	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
19 ALL	487786.04	3673505.61	0.02214008	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
20 ALL	487806.88	3673505.61	0.03075191	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
21 ALL	487827.72	3673505.61	0.0412408	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
22 ALL	487848.56	3673505.61	0.05603373	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
23 ALL	487869.4	3673505.61	0.06691906	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
24 ALL	487744.36	3673525.49	0.02647667	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
25 ALL	487765.2	3673525.49	0.02366372	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
26 ALL	487786.04	3673525.49	0.02323852	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
27 ALL	487806.88	3673525.49	0.02932962	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
28 ALL	487827.72	3673525.49	0.03695298	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
29 ALL	487848.56	3673525.49	0.04688107	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
30 ALL	487869.4	3673525.49	0.06243914	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
31 ALL	487890.24	3673525.49	0.07722177	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
32 ALL	487911.08	3673525.49	0.09031272	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
33 ALL	487744.36	3673545.37	0.026383	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
34 ALL	487765.2	3673545.37	0.02486838	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00

35 ALL	487786.04	3673545.37	0.0190228	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
36 ALL	487806.88	3673545.37	0.02021923	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
37 ALL	487827.72	3673545.37	0.02279743	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
38 ALL	487848.56	3673545.37	0.0296348	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
39 ALL	487869.4	3673545.37	0.04537458	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
40 ALL	487890.24	3673545.37	0.06997342	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
41 ALL	487911.08	3673545.37	0.08842438	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
42 ALL	487931.92	3673545.37	0.1060069	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
43 ALL	487744.36	3673565.25	0.02769726	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
44 ALL	487765.2	3673565.25	0.02563872	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
45 ALL	487786.04	3673565.25	0.0168473	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
46 ALL	487806.88	3673565.25	0.01170116	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
47 ALL	487827.72	3673565.25	0.009234953	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
48 ALL	487848.56	3673565.25	0.01077709	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
49 ALL	487869.4	3673565.25	0.02248374	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
50 ALL	487890.24	3673565.25	0.04997706	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
51 ALL	487911.08	3673565.25	0.0793901	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
52 ALL	487765.2	3673585.13	0.02737164	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
53 ALL	487786.04	3673585.13	0.0146717	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
54 ALL	487806.88	3673585.13	0.008461365	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
55 ALL	487827.72	3673585.13	0.006225221	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
56 ALL	487848.56	3673585.13	0.007265649	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
57 ALL	487869.4	3673585.13	0.014533	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
58 ALL	487890.24	3673585.13	0.03679119	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
59 ALL	487911.08	3673585.13	0.06233508	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
60 ALL	487786.04	3673605.01	0.01567231	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
61 ALL	487806.88	3673605.01	0.007468881	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
62 ALL	487827.72	3673605.01	0.006792198	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
63 ALL	487848.56	3673605.01	0.008238151	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
64 ALL	487869.4	3673605.01	0.0196006	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
65 ALL	487890.24	3673605.01	0.0380419	67561 Methanol	0.00E+00 9YrCancerDerived	*	0.00E+00
1 ALL	487744.36	3673445.97	7.96E-05	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
2 ALL	487765.2	3673445.97	7.37E-05	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
3 ALL	487786.04	3673445.97	8.61E-05	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00

4 ALL	487723.52	3673465.85	0.000200895	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
5 ALL	487744.36	3673465.85	0.000120431	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
6 ALL	487765.2	3673465.85	0.000116366	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
7 ALL	487786.04	3673465.85	0.000168165	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
8 ALL	487806.88	3673465.85	0.00026919	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
9 ALL	487723.52	3673485.73	0.000357123	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
10 ALL	487744.36	3673485.73	0.000231908	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
11 ALL	487765.2	3673485.73	0.000214268	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
12 ALL	487786.04	3673485.73	0.000314783	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
13 ALL	487806.88	3673485.73	0.000529147	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
14 ALL	487827.72	3673485.73	0.000827623	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
15 ALL	487848.56	3673485.73	0.001181688	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
16 ALL	487723.52	3673505.61	0.00055649	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
17 ALL	487744.36	3673505.61	0.000508666	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
18 ALL	487765.2	3673505.61	0.000398156	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
19 ALL	487786.04	3673505.61	0.000508763	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
20 ALL	487806.88	3673505.61	0.000707293	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
21 ALL	487827.72	3673505.61	0.000948662	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
22 ALL	487848.56	3673505.61	0.001287438	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
23 ALL	487869.4	3673505.61	0.001536588	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
24 ALL	487744.36	3673525.49	0.00060833	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
25 ALL	487765.2	3673525.49	0.000543841	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
26 ALL	487786.04	3673525.49	0.000534179	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
27 ALL	487806.88	3673525.49	0.000674629	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
28 ALL	487827.72	3673525.49	0.000850266	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
29 ALL	487848.56	3673525.49	0.001078634	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
30 ALL	487869.4	3673525.49	0.001435052	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
31 ALL	487890.24	3673525.49	0.001772676	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
32 ALL	487911.08	3673525.49	0.002071541	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
33 ALL	487744.36	3673545.37	0.000606236	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
34 ALL	487765.2	3673545.37	0.000571635	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
35 ALL	487786.04	3673545.37	0.000437045	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
36 ALL	487806.88	3673545.37	0.000464711	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
37 ALL	487827.72	3673545.37	0.000524272	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00

38 ALL	487848.56	3673545.37	0.000682068	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
39 ALL	487869.4	3673545.37	0.001044726	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
40 ALL	487890.24	3673545.37	0.001608508	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
41 ALL	487911.08	3673545.37	0.002028961	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
42 ALL	487931.92	3673545.37	0.002430247	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
43 ALL	487744.36	3673565.25	0.000636413	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
44 ALL	487765.2	3673565.25	0.000589398	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
45 ALL	487786.04	3673565.25	0.000386931	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
46 ALL	487806.88	3673565.25	0.000268217	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
47 ALL	487827.72	3673565.25	0.000211334	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
48 ALL	487848.56	3673565.25	0.00024694	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
49 ALL	487869.4	3673565.25	0.000517236	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
50 ALL	487890.24	3673565.25	0.001150979	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
51 ALL	487911.08	3673565.25	0.001824887	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
52 ALL	487765.2	3673585.13	0.000629236	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
53 ALL	487786.04	3673585.13	0.000336807	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
54 ALL	487806.88	3673585.13	0.000193549	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
55 ALL	487827.72	3673585.13	0.00014202	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
56 ALL	487848.56	3673585.13	0.000166021	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
57 ALL	487869.4	3673585.13	0.000333739	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
58 ALL	487890.24	3673585.13	0.000847413	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
59 ALL	487911.08	3673585.13	0.001435179	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
60 ALL	487786.04	3673605.01	0.000359951	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
61 ALL	487806.88	3673605.01	0.000170737	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
62 ALL	487827.72	3673605.01	0.000155159	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
63 ALL	487848.56	3673605.01	0.000188519	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
64 ALL	487869.4	3673605.01	0.000450792	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
65 ALL	487890.24	3673605.01	0.00087618	78933 MEK	0.00E+00 9YrCancerDerived	*	0.00E+00
1 ALL	487744.36	3673445.97	7.09E-05	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
2 ALL	487765.2	3673445.97	6.55E-05	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
3 ALL	487786.04	3673445.97	7.68E-05	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
4 ALL	487723.52	3673465.85	0.000181784	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
5 ALL	487744.36	3673465.85	0.000108231	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
6 ALL	487765.2	3673465.85	0.000104528	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00

7 ALL	487786.04	3673465.85	0.000151878	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
8 ALL	487806.88	3673465.85	0.000244348	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
9 ALL	487723.52	3673485.73	0.000324826	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
10 ALL	487744.36	3673485.73	0.000210279	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
11 ALL	487765.2	3673485.73	0.000194152	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
12 ALL	487786.04	3673485.73	0.000286181	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
13 ALL	487806.88	3673485.73	0.000482472	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
14 ALL	487827.72	3673485.73	0.000755416	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
15 ALL	487848.56	3673485.73	0.001078037	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
16 ALL	487723.52	3673505.61	0.000507017	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
17 ALL	487744.36	3673505.61	0.000463538	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
18 ALL	487765.2	3673505.61	0.000362562	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
19 ALL	487786.04	3673505.61	0.000463837	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
20 ALL	487806.88	3673505.61	0.00064541	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
21 ALL	487827.72	3673505.61	0.000865775	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
22 ALL	487848.56	3673505.61	0.00117359	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
23 ALL	487869.4	3673505.61	0.001399846	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
24 ALL	487744.36	3673525.49	0.000554533	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
25 ALL	487765.2	3673525.49	0.000495876	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
26 ALL	487786.04	3673525.49	0.000487165	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
27 ALL	487806.88	3673525.49	0.000615649	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
28 ALL	487827.72	3673525.49	0.00077619	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
29 ALL	487848.56	3673525.49	0.000984597	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
30 ALL	487869.4	3673525.49	0.001308551	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
31 ALL	487890.24	3673525.49	0.001614489	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
32 ALL	487911.08	3673525.49	0.001885195	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
33 ALL	487744.36	3673545.37	0.000552678	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
34 ALL	487765.2	3673545.37	0.000521317	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
35 ALL	487786.04	3673545.37	0.000398374	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
36 ALL	487806.88	3673545.37	0.000423753	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
37 ALL	487827.72	3673545.37	0.000478341	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
38 ALL	487848.56	3673545.37	0.000622815	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
39 ALL	487869.4	3673545.37	0.000954325	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
40 ALL	487890.24	3673545.37	0.001466982	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00

41 ALL	487911.08	3673545.37	0.001847109	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
42 ALL	487931.92	3673545.37	0.002210475	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
43 ALL	487744.36	3673565.25	0.000580168	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
44 ALL	487765.2	3673565.25	0.000537567	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
45 ALL	487786.04	3673565.25	0.000352574	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
46 ALL	487806.88	3673565.25	0.000243928	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
47 ALL	487827.72	3673565.25	0.000191877	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
48 ALL	487848.56	3673565.25	0.000224491	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
49 ALL	487869.4	3673565.25	0.000472082	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
50 ALL	487890.24	3673565.25	0.001051639	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
51 ALL	487911.08	3673565.25	0.001664244	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
52 ALL	487765.2	3673585.13	0.000573901	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
53 ALL	487786.04	3673585.13	0.000306759	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
54 ALL	487806.88	3673585.13	0.000175656	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
55 ALL	487827.72	3673585.13	0.000128546	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
56 ALL	487848.56	3673585.13	0.000150512	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
57 ALL	487869.4	3673585.13	0.00030407	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
58 ALL	487890.24	3673585.13	0.000774369	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
59 ALL	487911.08	3673585.13	0.001310942	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
60 ALL	487786.04	3673605.01	0.000327996	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
61 ALL	487806.88	3673605.01	0.000154853	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
62 ALL	487827.72	3673605.01	0.000140625	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
63 ALL	487848.56	3673605.01	0.00017116	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
64 ALL	487869.4	3673605.01	0.000411332	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
65 ALL	487890.24	3673605.01	0.00080062	115071 Propylene	0.00E+00 9YrCancerDerived	*	0.00E+00
1 ALL	487744.36	3673445.97	0	7440439 Cadmium	0.00E+00 9YrCancerDerived	*	0.00E+00
2 ALL	487765.2	3673445.97	0	7440439 Cadmium	0.00E+00 9YrCancerDerived	*	0.00E+00
3 ALL	487786.04	3673445.97	0	7440439 Cadmium	0.00E+00 9YrCancerDerived	*	0.00E+00
4 ALL	487723.52	3673465.85	0	7440439 Cadmium	0.00E+00 9YrCancerDerived	*	0.00E+00
5 ALL	487744.36	3673465.85	0	7440439 Cadmium	0.00E+00 9YrCancerDerived	*	0.00E+00
6 ALL	487765.2	3673465.85	0	7440439 Cadmium	0.00E+00 9YrCancerDerived	*	0.00E+00
7 ALL	487786.04	3673465.85	0	7440439 Cadmium	0.00E+00 9YrCancerDerived	*	0.00E+00
8 ALL	487806.88	3673465.85	0	7440439 Cadmium	0.00E+00 9YrCancerDerived	*	0.00E+00
9 ALL	487723.52	3673485.73	0	7440439 Cadmium	0.00E+00 9YrCancerDerived	*	0.00E+00

10 ALL	487744.36	3673485.73	0	7440439	Cadmium	0.00E+00	9YrCancerDerived	*	0.00E+00
11 ALL	487765.2	3673485.73	0	7440439	Cadmium	0.00E+00	9YrCancerDerived	*	0.00E+00
12 ALL	487786.04	3673485.73	0	7440439	Cadmium	0.00E+00	9YrCancerDerived	*	0.00E+00
13 ALL	487806.88	3673485.73	0	7440439	Cadmium	0.00E+00	9YrCancerDerived	*	0.00E+00
14 ALL	487827.72	3673485.73	0	7440439	Cadmium	0.00E+00	9YrCancerDerived	*	0.00E+00
15 ALL	487848.56	3673485.73	0	7440439	Cadmium	0.00E+00	9YrCancerDerived	*	0.00E+00
16 ALL	487723.52	3673505.61	0	7440439	Cadmium	0.00E+00	9YrCancerDerived	*	0.00E+00
17 ALL	487744.36	3673505.61	0	7440439	Cadmium	0.00E+00	9YrCancerDerived	*	0.00E+00
18 ALL	487765.2	3673505.61	0	7440439	Cadmium	0.00E+00	9YrCancerDerived	*	0.00E+00
19 ALL	487786.04	3673505.61	0	7440439	Cadmium	0.00E+00	9YrCancerDerived	*	0.00E+00
20 ALL	487806.88	3673505.61	0	7440439	Cadmium	0.00E+00	9YrCancerDerived	*	0.00E+00
21 ALL	487827.72	3673505.61	0	7440439	Cadmium	0.00E+00	9YrCancerDerived	*	0.00E+00
22 ALL	487848.56	3673505.61	0	7440439	Cadmium	0.00E+00	9YrCancerDerived	*	0.00E+00
23 ALL	487869.4	3673505.61	0	7440439	Cadmium	0.00E+00	9YrCancerDerived	*	0.00E+00
24 ALL	487744.36	3673525.49	0	7440439	Cadmium	0.00E+00	9YrCancerDerived	*	0.00E+00
25 ALL	487765.2	3673525.49	0	7440439	Cadmium	0.00E+00	9YrCancerDerived	*	0.00E+00
26 ALL	487786.04	3673525.49	0	7440439	Cadmium	0.00E+00	9YrCancerDerived	*	0.00E+00
27 ALL	487806.88	3673525.49	0	7440439	Cadmium	0.00E+00	9YrCancerDerived	*	0.00E+00
28 ALL	487827.72	3673525.49	0	7440439	Cadmium	0.00E+00	9YrCancerDerived	*	0.00E+00
29 ALL	487848.56	3673525.49	0	7440439	Cadmium	0.00E+00	9YrCancerDerived	*	0.00E+00
30 ALL	487869.4	3673525.49	0	7440439	Cadmium	0.00E+00	9YrCancerDerived	*	0.00E+00
31 ALL	487890.24	3673525.49	0	7440439	Cadmium	0.00E+00	9YrCancerDerived	*	0.00E+00
32 ALL	487911.08	3673525.49	0	7440439	Cadmium	0.00E+00	9YrCancerDerived	*	0.00E+00
33 ALL	487744.36	3673545.37	0	7440439	Cadmium	0.00E+00	9YrCancerDerived	*	0.00E+00
34 ALL	487765.2	3673545.37	0	7440439	Cadmium	0.00E+00	9YrCancerDerived	*	0.00E+00
35 ALL	487786.04	3673545.37	0	7440439	Cadmium	0.00E+00	9YrCancerDerived	*	0.00E+00
36 ALL	487806.88	3673545.37	0	7440439	Cadmium	0.00E+00	9YrCancerDerived	*	0.00E+00
37 ALL	487827.72	3673545.37	0	7440439	Cadmium	0.00E+00	9YrCancerDerived	*	0.00E+00
38 ALL	487848.56	3673545.37	0	7440439	Cadmium	0.00E+00	9YrCancerDerived	*	0.00E+00
39 ALL	487869.4	3673545.37	0	7440439	Cadmium	0.00E+00	9YrCancerDerived	*	0.00E+00
40 ALL	487890.24	3673545.37	0	7440439	Cadmium	0.00E+00	9YrCancerDerived	*	0.00E+00
41 ALL	487911.08	3673545.37	0	7440439	Cadmium	0.00E+00	9YrCancerDerived	*	0.00E+00
42 ALL	487931.92	3673545.37	0	7440439	Cadmium	0.00E+00	9YrCancerDerived	*	0.00E+00
43 ALL	487744.36	3673565.25	0	7440439	Cadmium	0.00E+00	9YrCancerDerived	*	0.00E+00

44 ALL	487765.2	3673565.25	0 7440439 Cadmium	0.00E+00 9YrCancerDerived	*	0.00E+00
45 ALL	487786.04	3673565.25	0 7440439 Cadmium	0.00E+00 9YrCancerDerived	*	0.00E+00
46 ALL	487806.88	3673565.25	0 7440439 Cadmium	0.00E+00 9YrCancerDerived	*	0.00E+00
47 ALL	487827.72	3673565.25	0 7440439 Cadmium	0.00E+00 9YrCancerDerived	*	0.00E+00
48 ALL	487848.56	3673565.25	0 7440439 Cadmium	0.00E+00 9YrCancerDerived	*	0.00E+00
49 ALL	487869.4	3673565.25	0 7440439 Cadmium	0.00E+00 9YrCancerDerived	*	0.00E+00
50 ALL	487890.24	3673565.25	0 7440439 Cadmium	0.00E+00 9YrCancerDerived	*	0.00E+00
51 ALL	487911.08	3673565.25	0 7440439 Cadmium	0.00E+00 9YrCancerDerived	*	0.00E+00
52 ALL	487765.2	3673585.13	0 7440439 Cadmium	0.00E+00 9YrCancerDerived	*	0.00E+00
53 ALL	487786.04	3673585.13	0 7440439 Cadmium	0.00E+00 9YrCancerDerived	*	0.00E+00
54 ALL	487806.88	3673585.13	0 7440439 Cadmium	0.00E+00 9YrCancerDerived	*	0.00E+00
55 ALL	487827.72	3673585.13	0 7440439 Cadmium	0.00E+00 9YrCancerDerived	*	0.00E+00
56 ALL	487848.56	3673585.13	0 7440439 Cadmium	0.00E+00 9YrCancerDerived	*	0.00E+00
57 ALL	487869.4	3673585.13	0 7440439 Cadmium	0.00E+00 9YrCancerDerived	*	0.00E+00
58 ALL	487890.24	3673585.13	0 7440439 Cadmium	0.00E+00 9YrCancerDerived	*	0.00E+00
59 ALL	487911.08	3673585.13	0 7440439 Cadmium	0.00E+00 9YrCancerDerived	*	0.00E+00
60 ALL	487786.04	3673605.01	0 7440439 Cadmium	0.00E+00 9YrCancerDerived	*	0.00E+00
61 ALL	487806.88	3673605.01	0 7440439 Cadmium	0.00E+00 9YrCancerDerived	*	0.00E+00
62 ALL	487827.72	3673605.01	0 7440439 Cadmium	0.00E+00 9YrCancerDerived	*	0.00E+00
63 ALL	487848.56	3673605.01	0 7440439 Cadmium	0.00E+00 9YrCancerDerived	*	0.00E+00
64 ALL	487869.4	3673605.01	0 7440439 Cadmium	0.00E+00 9YrCancerDerived	*	0.00E+00
65 ALL	487890.24	3673605.01	0 7440439 Cadmium	0.00E+00 9YrCancerDerived	*	0.00E+00
1 ALL	487744.36	3673445.97	0 7440382 Arsenic	0.00E+00 9YrCancerDerived	*	0.00E+00
2 ALL	487765.2	3673445.97	0 7440382 Arsenic	0.00E+00 9YrCancerDerived	*	0.00E+00
3 ALL	487786.04	3673445.97	0 7440382 Arsenic	0.00E+00 9YrCancerDerived	*	0.00E+00
4 ALL	487723.52	3673465.85	0 7440382 Arsenic	0.00E+00 9YrCancerDerived	*	0.00E+00
5 ALL	487744.36	3673465.85	0 7440382 Arsenic	0.00E+00 9YrCancerDerived	*	0.00E+00
6 ALL	487765.2	3673465.85	0 7440382 Arsenic	0.00E+00 9YrCancerDerived	*	0.00E+00
7 ALL	487786.04	3673465.85	0 7440382 Arsenic	0.00E+00 9YrCancerDerived	*	0.00E+00
8 ALL	487806.88	3673465.85	0 7440382 Arsenic	0.00E+00 9YrCancerDerived	*	0.00E+00
9 ALL	487723.52	3673485.73	0 7440382 Arsenic	0.00E+00 9YrCancerDerived	*	0.00E+00
10 ALL	487744.36	3673485.73	0 7440382 Arsenic	0.00E+00 9YrCancerDerived	*	0.00E+00
11 ALL	487765.2	3673485.73	0 7440382 Arsenic	0.00E+00 9YrCancerDerived	*	0.00E+00
12 ALL	487786.04	3673485.73	0 7440382 Arsenic	0.00E+00 9YrCancerDerived	*	0.00E+00

13 ALL	487806.88	3673485.73	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
14 ALL	487827.72	3673485.73	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
15 ALL	487848.56	3673485.73	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
16 ALL	487723.52	3673505.61	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
17 ALL	487744.36	3673505.61	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
18 ALL	487765.2	3673505.61	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
19 ALL	487786.04	3673505.61	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
20 ALL	487806.88	3673505.61	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
21 ALL	487827.72	3673505.61	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
22 ALL	487848.56	3673505.61	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
23 ALL	487869.4	3673505.61	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
24 ALL	487744.36	3673525.49	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
25 ALL	487765.2	3673525.49	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
26 ALL	487786.04	3673525.49	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
27 ALL	487806.88	3673525.49	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
28 ALL	487827.72	3673525.49	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
29 ALL	487848.56	3673525.49	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
30 ALL	487869.4	3673525.49	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
31 ALL	487890.24	3673525.49	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
32 ALL	487911.08	3673525.49	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
33 ALL	487744.36	3673545.37	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
34 ALL	487765.2	3673545.37	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
35 ALL	487786.04	3673545.37	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
36 ALL	487806.88	3673545.37	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
37 ALL	487827.72	3673545.37	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
38 ALL	487848.56	3673545.37	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
39 ALL	487869.4	3673545.37	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
40 ALL	487890.24	3673545.37	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
41 ALL	487911.08	3673545.37	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
42 ALL	487931.92	3673545.37	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
43 ALL	487744.36	3673565.25	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
44 ALL	487765.2	3673565.25	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
45 ALL	487786.04	3673565.25	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
46 ALL	487806.88	3673565.25	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00

47 ALL	487827.72	3673565.25	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
48 ALL	487848.56	3673565.25	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
49 ALL	487869.4	3673565.25	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
50 ALL	487890.24	3673565.25	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
51 ALL	487911.08	3673565.25	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
52 ALL	487765.2	3673585.13	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
53 ALL	487786.04	3673585.13	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
54 ALL	487806.88	3673585.13	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
55 ALL	487827.72	3673585.13	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
56 ALL	487848.56	3673585.13	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
57 ALL	487869.4	3673585.13	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
58 ALL	487890.24	3673585.13	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
59 ALL	487911.08	3673585.13	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
60 ALL	487786.04	3673605.01	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
61 ALL	487806.88	3673605.01	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
62 ALL	487827.72	3673605.01	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
63 ALL	487848.56	3673605.01	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
64 ALL	487869.4	3673605.01	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
65 ALL	487890.24	3673605.01	0	7440382	Arsenic	0.00E+00	9YrCancerDerived	*	0.00E+00
1 ALL	487744.36	3673445.97	0	7440020	Nickel	0.00E+00	9YrCancerDerived	*	0.00E+00
2 ALL	487765.2	3673445.97	0	7440020	Nickel	0.00E+00	9YrCancerDerived	*	0.00E+00
3 ALL	487786.04	3673445.97	0	7440020	Nickel	0.00E+00	9YrCancerDerived	*	0.00E+00
4 ALL	487723.52	3673465.85	0	7440020	Nickel	0.00E+00	9YrCancerDerived	*	0.00E+00
5 ALL	487744.36	3673465.85	0	7440020	Nickel	0.00E+00	9YrCancerDerived	*	0.00E+00
6 ALL	487765.2	3673465.85	0	7440020	Nickel	0.00E+00	9YrCancerDerived	*	0.00E+00
7 ALL	487786.04	3673465.85	0	7440020	Nickel	0.00E+00	9YrCancerDerived	*	0.00E+00
8 ALL	487806.88	3673465.85	0	7440020	Nickel	0.00E+00	9YrCancerDerived	*	0.00E+00
9 ALL	487723.52	3673485.73	0	7440020	Nickel	0.00E+00	9YrCancerDerived	*	0.00E+00
10 ALL	487744.36	3673485.73	0	7440020	Nickel	0.00E+00	9YrCancerDerived	*	0.00E+00
11 ALL	487765.2	3673485.73	0	7440020	Nickel	0.00E+00	9YrCancerDerived	*	0.00E+00
12 ALL	487786.04	3673485.73	0	7440020	Nickel	0.00E+00	9YrCancerDerived	*	0.00E+00
13 ALL	487806.88	3673485.73	0	7440020	Nickel	0.00E+00	9YrCancerDerived	*	0.00E+00
14 ALL	487827.72	3673485.73	0	7440020	Nickel	0.00E+00	9YrCancerDerived	*	0.00E+00
15 ALL	487848.56	3673485.73	0	7440020	Nickel	0.00E+00	9YrCancerDerived	*	0.00E+00

16 ALL	487723.52	3673505.61	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
17 ALL	487744.36	3673505.61	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
18 ALL	487765.2	3673505.61	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
19 ALL	487786.04	3673505.61	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
20 ALL	487806.88	3673505.61	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
21 ALL	487827.72	3673505.61	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
22 ALL	487848.56	3673505.61	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
23 ALL	487869.4	3673505.61	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
24 ALL	487744.36	3673525.49	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
25 ALL	487765.2	3673525.49	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
26 ALL	487786.04	3673525.49	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
27 ALL	487806.88	3673525.49	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
28 ALL	487827.72	3673525.49	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
29 ALL	487848.56	3673525.49	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
30 ALL	487869.4	3673525.49	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
31 ALL	487890.24	3673525.49	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
32 ALL	487911.08	3673525.49	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
33 ALL	487744.36	3673545.37	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
34 ALL	487765.2	3673545.37	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
35 ALL	487786.04	3673545.37	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
36 ALL	487806.88	3673545.37	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
37 ALL	487827.72	3673545.37	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
38 ALL	487848.56	3673545.37	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
39 ALL	487869.4	3673545.37	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
40 ALL	487890.24	3673545.37	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
41 ALL	487911.08	3673545.37	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
42 ALL	487931.92	3673545.37	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
43 ALL	487744.36	3673565.25	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
44 ALL	487765.2	3673565.25	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
45 ALL	487786.04	3673565.25	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
46 ALL	487806.88	3673565.25	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
47 ALL	487827.72	3673565.25	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
48 ALL	487848.56	3673565.25	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
49 ALL	487869.4	3673565.25	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00

50 ALL	487890.24	3673565.25	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
51 ALL	487911.08	3673565.25	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
52 ALL	487765.2	3673585.13	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
53 ALL	487786.04	3673585.13	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
54 ALL	487806.88	3673585.13	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
55 ALL	487827.72	3673585.13	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
56 ALL	487848.56	3673585.13	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
57 ALL	487869.4	3673585.13	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
58 ALL	487890.24	3673585.13	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
59 ALL	487911.08	3673585.13	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
60 ALL	487786.04	3673605.01	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
61 ALL	487806.88	3673605.01	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
62 ALL	487827.72	3673605.01	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
63 ALL	487848.56	3673605.01	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
64 ALL	487869.4	3673605.01	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
65 ALL	487890.24	3673605.01	0 7440020 Nickel	0.00E+00 9YrCancerDerived	*	0.00E+00
1 ALL	487744.36	3673445.97	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
2 ALL	487765.2	3673445.97	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
3 ALL	487786.04	3673445.97	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
4 ALL	487723.52	3673465.85	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
5 ALL	487744.36	3673465.85	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
6 ALL	487765.2	3673465.85	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
7 ALL	487786.04	3673465.85	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
8 ALL	487806.88	3673465.85	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
9 ALL	487723.52	3673485.73	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
10 ALL	487744.36	3673485.73	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
11 ALL	487765.2	3673485.73	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
12 ALL	487786.04	3673485.73	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
13 ALL	487806.88	3673485.73	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
14 ALL	487827.72	3673485.73	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
15 ALL	487848.56	3673485.73	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
16 ALL	487723.52	3673505.61	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
17 ALL	487744.36	3673505.61	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
18 ALL	487765.2	3673505.61	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00

19 ALL	487786.04	3673505.61	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
20 ALL	487806.88	3673505.61	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
21 ALL	487827.72	3673505.61	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
22 ALL	487848.56	3673505.61	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
23 ALL	487869.4	3673505.61	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
24 ALL	487744.36	3673525.49	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
25 ALL	487765.2	3673525.49	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
26 ALL	487786.04	3673525.49	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
27 ALL	487806.88	3673525.49	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
28 ALL	487827.72	3673525.49	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
29 ALL	487848.56	3673525.49	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
30 ALL	487869.4	3673525.49	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
31 ALL	487890.24	3673525.49	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
32 ALL	487911.08	3673525.49	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
33 ALL	487744.36	3673545.37	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
34 ALL	487765.2	3673545.37	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
35 ALL	487786.04	3673545.37	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
36 ALL	487806.88	3673545.37	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
37 ALL	487827.72	3673545.37	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
38 ALL	487848.56	3673545.37	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
39 ALL	487869.4	3673545.37	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
40 ALL	487890.24	3673545.37	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
41 ALL	487911.08	3673545.37	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
42 ALL	487931.92	3673545.37	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
43 ALL	487744.36	3673565.25	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
44 ALL	487765.2	3673565.25	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
45 ALL	487786.04	3673565.25	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
46 ALL	487806.88	3673565.25	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
47 ALL	487827.72	3673565.25	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
48 ALL	487848.56	3673565.25	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
49 ALL	487869.4	3673565.25	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
50 ALL	487890.24	3673565.25	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
51 ALL	487911.08	3673565.25	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
52 ALL	487765.2	3673585.13	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00

53 ALL	487786.04	3673585.13	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
54 ALL	487806.88	3673585.13	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
55 ALL	487827.72	3673585.13	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
56 ALL	487848.56	3673585.13	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
57 ALL	487869.4	3673585.13	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
58 ALL	487890.24	3673585.13	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
59 ALL	487911.08	3673585.13	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
60 ALL	487786.04	3673605.01	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
61 ALL	487806.88	3673605.01	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
62 ALL	487827.72	3673605.01	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
63 ALL	487848.56	3673605.01	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
64 ALL	487869.4	3673605.01	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
65 ALL	487890.24	3673605.01	0 7440508 Copper	0.00E+00 9YrCancerDerived	*	0.00E+00
1 ALL	487744.36	3673445.97	0 7439965 Manganese	0.00E+00 9YrCancerDerived	*	0.00E+00
2 ALL	487765.2	3673445.97	0 7439965 Manganese	0.00E+00 9YrCancerDerived	*	0.00E+00
3 ALL	487786.04	3673445.97	0 7439965 Manganese	0.00E+00 9YrCancerDerived	*	0.00E+00
4 ALL	487723.52	3673465.85	0 7439965 Manganese	0.00E+00 9YrCancerDerived	*	0.00E+00
5 ALL	487744.36	3673465.85	0 7439965 Manganese	0.00E+00 9YrCancerDerived	*	0.00E+00
6 ALL	487765.2	3673465.85	0 7439965 Manganese	0.00E+00 9YrCancerDerived	*	0.00E+00
7 ALL	487786.04	3673465.85	0 7439965 Manganese	0.00E+00 9YrCancerDerived	*	0.00E+00
8 ALL	487806.88	3673465.85	0 7439965 Manganese	0.00E+00 9YrCancerDerived	*	0.00E+00
9 ALL	487723.52	3673485.73	0 7439965 Manganese	0.00E+00 9YrCancerDerived	*	0.00E+00
10 ALL	487744.36	3673485.73	0 7439965 Manganese	0.00E+00 9YrCancerDerived	*	0.00E+00
11 ALL	487765.2	3673485.73	0 7439965 Manganese	0.00E+00 9YrCancerDerived	*	0.00E+00
12 ALL	487786.04	3673485.73	0 7439965 Manganese	0.00E+00 9YrCancerDerived	*	0.00E+00
13 ALL	487806.88	3673485.73	0 7439965 Manganese	0.00E+00 9YrCancerDerived	*	0.00E+00
14 ALL	487827.72	3673485.73	0 7439965 Manganese	0.00E+00 9YrCancerDerived	*	0.00E+00
15 ALL	487848.56	3673485.73	0 7439965 Manganese	0.00E+00 9YrCancerDerived	*	0.00E+00
16 ALL	487723.52	3673505.61	0 7439965 Manganese	0.00E+00 9YrCancerDerived	*	0.00E+00
17 ALL	487744.36	3673505.61	0 7439965 Manganese	0.00E+00 9YrCancerDerived	*	0.00E+00
18 ALL	487765.2	3673505.61	0 7439965 Manganese	0.00E+00 9YrCancerDerived	*	0.00E+00
19 ALL	487786.04	3673505.61	0 7439965 Manganese	0.00E+00 9YrCancerDerived	*	0.00E+00
20 ALL	487806.88	3673505.61	0 7439965 Manganese	0.00E+00 9YrCancerDerived	*	0.00E+00
21 ALL	487827.72	3673505.61	0 7439965 Manganese	0.00E+00 9YrCancerDerived	*	0.00E+00

22 ALL	487848.56	3673505.61	0	7439965 Manganese	0.00E+00	9YrCancerDerived	*	0.00E+00
23 ALL	487869.4	3673505.61	0	7439965 Manganese	0.00E+00	9YrCancerDerived	*	0.00E+00
24 ALL	487744.36	3673525.49	0	7439965 Manganese	0.00E+00	9YrCancerDerived	*	0.00E+00
25 ALL	487765.2	3673525.49	0	7439965 Manganese	0.00E+00	9YrCancerDerived	*	0.00E+00
26 ALL	487786.04	3673525.49	0	7439965 Manganese	0.00E+00	9YrCancerDerived	*	0.00E+00
27 ALL	487806.88	3673525.49	0	7439965 Manganese	0.00E+00	9YrCancerDerived	*	0.00E+00
28 ALL	487827.72	3673525.49	0	7439965 Manganese	0.00E+00	9YrCancerDerived	*	0.00E+00
29 ALL	487848.56	3673525.49	0	7439965 Manganese	0.00E+00	9YrCancerDerived	*	0.00E+00
30 ALL	487869.4	3673525.49	0	7439965 Manganese	0.00E+00	9YrCancerDerived	*	0.00E+00
31 ALL	487890.24	3673525.49	0	7439965 Manganese	0.00E+00	9YrCancerDerived	*	0.00E+00
32 ALL	487911.08	3673525.49	0	7439965 Manganese	0.00E+00	9YrCancerDerived	*	0.00E+00
33 ALL	487744.36	3673545.37	0	7439965 Manganese	0.00E+00	9YrCancerDerived	*	0.00E+00
34 ALL	487765.2	3673545.37	0	7439965 Manganese	0.00E+00	9YrCancerDerived	*	0.00E+00
35 ALL	487786.04	3673545.37	0	7439965 Manganese	0.00E+00	9YrCancerDerived	*	0.00E+00
36 ALL	487806.88	3673545.37	0	7439965 Manganese	0.00E+00	9YrCancerDerived	*	0.00E+00
37 ALL	487827.72	3673545.37	0	7439965 Manganese	0.00E+00	9YrCancerDerived	*	0.00E+00
38 ALL	487848.56	3673545.37	0	7439965 Manganese	0.00E+00	9YrCancerDerived	*	0.00E+00
39 ALL	487869.4	3673545.37	0	7439965 Manganese	0.00E+00	9YrCancerDerived	*	0.00E+00
40 ALL	487890.24	3673545.37	0	7439965 Manganese	0.00E+00	9YrCancerDerived	*	0.00E+00
41 ALL	487911.08	3673545.37	0	7439965 Manganese	0.00E+00	9YrCancerDerived	*	0.00E+00
42 ALL	487931.92	3673545.37	0	7439965 Manganese	0.00E+00	9YrCancerDerived	*	0.00E+00
43 ALL	487744.36	3673565.25	0	7439965 Manganese	0.00E+00	9YrCancerDerived	*	0.00E+00
44 ALL	487765.2	3673565.25	0	7439965 Manganese	0.00E+00	9YrCancerDerived	*	0.00E+00
45 ALL	487786.04	3673565.25	0	7439965 Manganese	0.00E+00	9YrCancerDerived	*	0.00E+00
46 ALL	487806.88	3673565.25	0	7439965 Manganese	0.00E+00	9YrCancerDerived	*	0.00E+00
47 ALL	487827.72	3673565.25	0	7439965 Manganese	0.00E+00	9YrCancerDerived	*	0.00E+00
48 ALL	487848.56	3673565.25	0	7439965 Manganese	0.00E+00	9YrCancerDerived	*	0.00E+00
49 ALL	487869.4	3673565.25	0	7439965 Manganese	0.00E+00	9YrCancerDerived	*	0.00E+00
50 ALL	487890.24	3673565.25	0	7439965 Manganese	0.00E+00	9YrCancerDerived	*	0.00E+00
51 ALL	487911.08	3673565.25	0	7439965 Manganese	0.00E+00	9YrCancerDerived	*	0.00E+00
52 ALL	487765.2	3673585.13	0	7439965 Manganese	0.00E+00	9YrCancerDerived	*	0.00E+00
53 ALL	487786.04	3673585.13	0	7439965 Manganese	0.00E+00	9YrCancerDerived	*	0.00E+00
54 ALL	487806.88	3673585.13	0	7439965 Manganese	0.00E+00	9YrCancerDerived	*	0.00E+00
55 ALL	487827.72	3673585.13	0	7439965 Manganese	0.00E+00	9YrCancerDerived	*	0.00E+00

56 ALL	487848.56	3673585.13	0 7439965 Manganese	0.00E+00 9YrCancerDerived	*	0.00E+00
57 ALL	487869.4	3673585.13	0 7439965 Manganese	0.00E+00 9YrCancerDerived	*	0.00E+00
58 ALL	487890.24	3673585.13	0 7439965 Manganese	0.00E+00 9YrCancerDerived	*	0.00E+00
59 ALL	487911.08	3673585.13	0 7439965 Manganese	0.00E+00 9YrCancerDerived	*	0.00E+00
60 ALL	487786.04	3673605.01	0 7439965 Manganese	0.00E+00 9YrCancerDerived	*	0.00E+00
61 ALL	487806.88	3673605.01	0 7439965 Manganese	0.00E+00 9YrCancerDerived	*	0.00E+00
62 ALL	487827.72	3673605.01	0 7439965 Manganese	0.00E+00 9YrCancerDerived	*	0.00E+00
63 ALL	487848.56	3673605.01	0 7439965 Manganese	0.00E+00 9YrCancerDerived	*	0.00E+00
64 ALL	487869.4	3673605.01	0 7439965 Manganese	0.00E+00 9YrCancerDerived	*	0.00E+00
65 ALL	487890.24	3673605.01	0 7439965 Manganese	0.00E+00 9YrCancerDerived	*	0.00E+00
1 ALL	487744.36	3673445.97	0 7439976 Mercury	0.00E+00 9YrCancerDerived	*	0.00E+00
2 ALL	487765.2	3673445.97	0 7439976 Mercury	0.00E+00 9YrCancerDerived	*	0.00E+00
3 ALL	487786.04	3673445.97	0 7439976 Mercury	0.00E+00 9YrCancerDerived	*	0.00E+00
4 ALL	487723.52	3673465.85	0 7439976 Mercury	0.00E+00 9YrCancerDerived	*	0.00E+00
5 ALL	487744.36	3673465.85	0 7439976 Mercury	0.00E+00 9YrCancerDerived	*	0.00E+00
6 ALL	487765.2	3673465.85	0 7439976 Mercury	0.00E+00 9YrCancerDerived	*	0.00E+00
7 ALL	487786.04	3673465.85	0 7439976 Mercury	0.00E+00 9YrCancerDerived	*	0.00E+00
8 ALL	487806.88	3673465.85	0 7439976 Mercury	0.00E+00 9YrCancerDerived	*	0.00E+00
9 ALL	487723.52	3673485.73	0 7439976 Mercury	0.00E+00 9YrCancerDerived	*	0.00E+00
10 ALL	487744.36	3673485.73	0 7439976 Mercury	0.00E+00 9YrCancerDerived	*	0.00E+00
11 ALL	487765.2	3673485.73	0 7439976 Mercury	0.00E+00 9YrCancerDerived	*	0.00E+00
12 ALL	487786.04	3673485.73	0 7439976 Mercury	0.00E+00 9YrCancerDerived	*	0.00E+00
13 ALL	487806.88	3673485.73	0 7439976 Mercury	0.00E+00 9YrCancerDerived	*	0.00E+00
14 ALL	487827.72	3673485.73	0 7439976 Mercury	0.00E+00 9YrCancerDerived	*	0.00E+00
15 ALL	487848.56	3673485.73	0 7439976 Mercury	0.00E+00 9YrCancerDerived	*	0.00E+00
16 ALL	487723.52	3673505.61	0 7439976 Mercury	0.00E+00 9YrCancerDerived	*	0.00E+00
17 ALL	487744.36	3673505.61	0 7439976 Mercury	0.00E+00 9YrCancerDerived	*	0.00E+00
18 ALL	487765.2	3673505.61	0 7439976 Mercury	0.00E+00 9YrCancerDerived	*	0.00E+00
19 ALL	487786.04	3673505.61	0 7439976 Mercury	0.00E+00 9YrCancerDerived	*	0.00E+00
20 ALL	487806.88	3673505.61	0 7439976 Mercury	0.00E+00 9YrCancerDerived	*	0.00E+00
21 ALL	487827.72	3673505.61	0 7439976 Mercury	0.00E+00 9YrCancerDerived	*	0.00E+00
22 ALL	487848.56	3673505.61	0 7439976 Mercury	0.00E+00 9YrCancerDerived	*	0.00E+00
23 ALL	487869.4	3673505.61	0 7439976 Mercury	0.00E+00 9YrCancerDerived	*	0.00E+00
24 ALL	487744.36	3673525.49	0 7439976 Mercury	0.00E+00 9YrCancerDerived	*	0.00E+00

25 ALL	487765.2	3673525.49	0	7439976 Mercury	0.00E+00	9YrCancerDerived	*	0.00E+00
26 ALL	487786.04	3673525.49	0	7439976 Mercury	0.00E+00	9YrCancerDerived	*	0.00E+00
27 ALL	487806.88	3673525.49	0	7439976 Mercury	0.00E+00	9YrCancerDerived	*	0.00E+00
28 ALL	487827.72	3673525.49	0	7439976 Mercury	0.00E+00	9YrCancerDerived	*	0.00E+00
29 ALL	487848.56	3673525.49	0	7439976 Mercury	0.00E+00	9YrCancerDerived	*	0.00E+00
30 ALL	487869.4	3673525.49	0	7439976 Mercury	0.00E+00	9YrCancerDerived	*	0.00E+00
31 ALL	487890.24	3673525.49	0	7439976 Mercury	0.00E+00	9YrCancerDerived	*	0.00E+00
32 ALL	487911.08	3673525.49	0	7439976 Mercury	0.00E+00	9YrCancerDerived	*	0.00E+00
33 ALL	487744.36	3673545.37	0	7439976 Mercury	0.00E+00	9YrCancerDerived	*	0.00E+00
34 ALL	487765.2	3673545.37	0	7439976 Mercury	0.00E+00	9YrCancerDerived	*	0.00E+00
35 ALL	487786.04	3673545.37	0	7439976 Mercury	0.00E+00	9YrCancerDerived	*	0.00E+00
36 ALL	487806.88	3673545.37	0	7439976 Mercury	0.00E+00	9YrCancerDerived	*	0.00E+00
37 ALL	487827.72	3673545.37	0	7439976 Mercury	0.00E+00	9YrCancerDerived	*	0.00E+00
38 ALL	487848.56	3673545.37	0	7439976 Mercury	0.00E+00	9YrCancerDerived	*	0.00E+00
39 ALL	487869.4	3673545.37	0	7439976 Mercury	0.00E+00	9YrCancerDerived	*	0.00E+00
40 ALL	487890.24	3673545.37	0	7439976 Mercury	0.00E+00	9YrCancerDerived	*	0.00E+00
41 ALL	487911.08	3673545.37	0	7439976 Mercury	0.00E+00	9YrCancerDerived	*	0.00E+00
42 ALL	487931.92	3673545.37	0	7439976 Mercury	0.00E+00	9YrCancerDerived	*	0.00E+00
43 ALL	487744.36	3673565.25	0	7439976 Mercury	0.00E+00	9YrCancerDerived	*	0.00E+00
44 ALL	487765.2	3673565.25	0	7439976 Mercury	0.00E+00	9YrCancerDerived	*	0.00E+00
45 ALL	487786.04	3673565.25	0	7439976 Mercury	0.00E+00	9YrCancerDerived	*	0.00E+00
46 ALL	487806.88	3673565.25	0	7439976 Mercury	0.00E+00	9YrCancerDerived	*	0.00E+00
47 ALL	487827.72	3673565.25	0	7439976 Mercury	0.00E+00	9YrCancerDerived	*	0.00E+00
48 ALL	487848.56	3673565.25	0	7439976 Mercury	0.00E+00	9YrCancerDerived	*	0.00E+00
49 ALL	487869.4	3673565.25	0	7439976 Mercury	0.00E+00	9YrCancerDerived	*	0.00E+00
50 ALL	487890.24	3673565.25	0	7439976 Mercury	0.00E+00	9YrCancerDerived	*	0.00E+00
51 ALL	487911.08	3673565.25	0	7439976 Mercury	0.00E+00	9YrCancerDerived	*	0.00E+00
52 ALL	487765.2	3673585.13	0	7439976 Mercury	0.00E+00	9YrCancerDerived	*	0.00E+00
53 ALL	487786.04	3673585.13	0	7439976 Mercury	0.00E+00	9YrCancerDerived	*	0.00E+00
54 ALL	487806.88	3673585.13	0	7439976 Mercury	0.00E+00	9YrCancerDerived	*	0.00E+00
55 ALL	487827.72	3673585.13	0	7439976 Mercury	0.00E+00	9YrCancerDerived	*	0.00E+00
56 ALL	487848.56	3673585.13	0	7439976 Mercury	0.00E+00	9YrCancerDerived	*	0.00E+00
57 ALL	487869.4	3673585.13	0	7439976 Mercury	0.00E+00	9YrCancerDerived	*	0.00E+00
58 ALL	487890.24	3673585.13	0	7439976 Mercury	0.00E+00	9YrCancerDerived	*	0.00E+00

59 ALL	487911.08	3673585.13	0 7439976 Mercury	0.00E+00 9YrCancerDerived	*	0.00E+00
60 ALL	487786.04	3673605.01	0 7439976 Mercury	0.00E+00 9YrCancerDerived	*	0.00E+00
61 ALL	487806.88	3673605.01	0 7439976 Mercury	0.00E+00 9YrCancerDerived	*	0.00E+00
62 ALL	487827.72	3673605.01	0 7439976 Mercury	0.00E+00 9YrCancerDerived	*	0.00E+00
63 ALL	487848.56	3673605.01	0 7439976 Mercury	0.00E+00 9YrCancerDerived	*	0.00E+00
64 ALL	487869.4	3673605.01	0 7439976 Mercury	0.00E+00 9YrCancerDerived	*	0.00E+00
65 ALL	487890.24	3673605.01	0 7439976 Mercury	0.00E+00 9YrCancerDerived	*	0.00E+00
1 ALL	487744.36	3673445.97	0 7782492 Selenium	0.00E+00 9YrCancerDerived	*	0.00E+00
2 ALL	487765.2	3673445.97	0 7782492 Selenium	0.00E+00 9YrCancerDerived	*	0.00E+00
3 ALL	487786.04	3673445.97	0 7782492 Selenium	0.00E+00 9YrCancerDerived	*	0.00E+00
4 ALL	487723.52	3673465.85	0 7782492 Selenium	0.00E+00 9YrCancerDerived	*	0.00E+00
5 ALL	487744.36	3673465.85	0 7782492 Selenium	0.00E+00 9YrCancerDerived	*	0.00E+00
6 ALL	487765.2	3673465.85	0 7782492 Selenium	0.00E+00 9YrCancerDerived	*	0.00E+00
7 ALL	487786.04	3673465.85	0 7782492 Selenium	0.00E+00 9YrCancerDerived	*	0.00E+00
8 ALL	487806.88	3673465.85	0 7782492 Selenium	0.00E+00 9YrCancerDerived	*	0.00E+00
9 ALL	487723.52	3673485.73	0 7782492 Selenium	0.00E+00 9YrCancerDerived	*	0.00E+00
10 ALL	487744.36	3673485.73	0 7782492 Selenium	0.00E+00 9YrCancerDerived	*	0.00E+00
11 ALL	487765.2	3673485.73	0 7782492 Selenium	0.00E+00 9YrCancerDerived	*	0.00E+00
12 ALL	487786.04	3673485.73	0 7782492 Selenium	0.00E+00 9YrCancerDerived	*	0.00E+00
13 ALL	487806.88	3673485.73	0 7782492 Selenium	0.00E+00 9YrCancerDerived	*	0.00E+00
14 ALL	487827.72	3673485.73	0 7782492 Selenium	0.00E+00 9YrCancerDerived	*	0.00E+00
15 ALL	487848.56	3673485.73	0 7782492 Selenium	0.00E+00 9YrCancerDerived	*	0.00E+00
16 ALL	487723.52	3673505.61	0 7782492 Selenium	0.00E+00 9YrCancerDerived	*	0.00E+00
17 ALL	487744.36	3673505.61	0 7782492 Selenium	0.00E+00 9YrCancerDerived	*	0.00E+00
18 ALL	487765.2	3673505.61	0 7782492 Selenium	0.00E+00 9YrCancerDerived	*	0.00E+00
19 ALL	487786.04	3673505.61	0 7782492 Selenium	0.00E+00 9YrCancerDerived	*	0.00E+00
20 ALL	487806.88	3673505.61	0 7782492 Selenium	0.00E+00 9YrCancerDerived	*	0.00E+00
21 ALL	487827.72	3673505.61	0 7782492 Selenium	0.00E+00 9YrCancerDerived	*	0.00E+00
22 ALL	487848.56	3673505.61	0 7782492 Selenium	0.00E+00 9YrCancerDerived	*	0.00E+00
23 ALL	487869.4	3673505.61	0 7782492 Selenium	0.00E+00 9YrCancerDerived	*	0.00E+00
24 ALL	487744.36	3673525.49	0 7782492 Selenium	0.00E+00 9YrCancerDerived	*	0.00E+00
25 ALL	487765.2	3673525.49	0 7782492 Selenium	0.00E+00 9YrCancerDerived	*	0.00E+00
26 ALL	487786.04	3673525.49	0 7782492 Selenium	0.00E+00 9YrCancerDerived	*	0.00E+00
27 ALL	487806.88	3673525.49	0 7782492 Selenium	0.00E+00 9YrCancerDerived	*	0.00E+00

28 ALL	487827.72	3673525.49	0	7782492 Selenium	0.00E+00	9YrCancerDerived	*	0.00E+00
29 ALL	487848.56	3673525.49	0	7782492 Selenium	0.00E+00	9YrCancerDerived	*	0.00E+00
30 ALL	487869.4	3673525.49	0	7782492 Selenium	0.00E+00	9YrCancerDerived	*	0.00E+00
31 ALL	487890.24	3673525.49	0	7782492 Selenium	0.00E+00	9YrCancerDerived	*	0.00E+00
32 ALL	487911.08	3673525.49	0	7782492 Selenium	0.00E+00	9YrCancerDerived	*	0.00E+00
33 ALL	487744.36	3673545.37	0	7782492 Selenium	0.00E+00	9YrCancerDerived	*	0.00E+00
34 ALL	487765.2	3673545.37	0	7782492 Selenium	0.00E+00	9YrCancerDerived	*	0.00E+00
35 ALL	487786.04	3673545.37	0	7782492 Selenium	0.00E+00	9YrCancerDerived	*	0.00E+00
36 ALL	487806.88	3673545.37	0	7782492 Selenium	0.00E+00	9YrCancerDerived	*	0.00E+00
37 ALL	487827.72	3673545.37	0	7782492 Selenium	0.00E+00	9YrCancerDerived	*	0.00E+00
38 ALL	487848.56	3673545.37	0	7782492 Selenium	0.00E+00	9YrCancerDerived	*	0.00E+00
39 ALL	487869.4	3673545.37	0	7782492 Selenium	0.00E+00	9YrCancerDerived	*	0.00E+00
40 ALL	487890.24	3673545.37	0	7782492 Selenium	0.00E+00	9YrCancerDerived	*	0.00E+00
41 ALL	487911.08	3673545.37	0	7782492 Selenium	0.00E+00	9YrCancerDerived	*	0.00E+00
42 ALL	487931.92	3673545.37	0	7782492 Selenium	0.00E+00	9YrCancerDerived	*	0.00E+00
43 ALL	487744.36	3673565.25	0	7782492 Selenium	0.00E+00	9YrCancerDerived	*	0.00E+00
44 ALL	487765.2	3673565.25	0	7782492 Selenium	0.00E+00	9YrCancerDerived	*	0.00E+00
45 ALL	487786.04	3673565.25	0	7782492 Selenium	0.00E+00	9YrCancerDerived	*	0.00E+00
46 ALL	487806.88	3673565.25	0	7782492 Selenium	0.00E+00	9YrCancerDerived	*	0.00E+00
47 ALL	487827.72	3673565.25	0	7782492 Selenium	0.00E+00	9YrCancerDerived	*	0.00E+00
48 ALL	487848.56	3673565.25	0	7782492 Selenium	0.00E+00	9YrCancerDerived	*	0.00E+00
49 ALL	487869.4	3673565.25	0	7782492 Selenium	0.00E+00	9YrCancerDerived	*	0.00E+00
50 ALL	487890.24	3673565.25	0	7782492 Selenium	0.00E+00	9YrCancerDerived	*	0.00E+00
51 ALL	487911.08	3673565.25	0	7782492 Selenium	0.00E+00	9YrCancerDerived	*	0.00E+00
52 ALL	487765.2	3673585.13	0	7782492 Selenium	0.00E+00	9YrCancerDerived	*	0.00E+00
53 ALL	487786.04	3673585.13	0	7782492 Selenium	0.00E+00	9YrCancerDerived	*	0.00E+00
54 ALL	487806.88	3673585.13	0	7782492 Selenium	0.00E+00	9YrCancerDerived	*	0.00E+00
55 ALL	487827.72	3673585.13	0	7782492 Selenium	0.00E+00	9YrCancerDerived	*	0.00E+00
56 ALL	487848.56	3673585.13	0	7782492 Selenium	0.00E+00	9YrCancerDerived	*	0.00E+00
57 ALL	487869.4	3673585.13	0	7782492 Selenium	0.00E+00	9YrCancerDerived	*	0.00E+00
58 ALL	487890.24	3673585.13	0	7782492 Selenium	0.00E+00	9YrCancerDerived	*	0.00E+00
59 ALL	487911.08	3673585.13	0	7782492 Selenium	0.00E+00	9YrCancerDerived	*	0.00E+00
60 ALL	487786.04	3673605.01	0	7782492 Selenium	0.00E+00	9YrCancerDerived	*	0.00E+00
61 ALL	487806.88	3673605.01	0	7782492 Selenium	0.00E+00	9YrCancerDerived	*	0.00E+00

62 ALL	487827.72	3673605.01	0 7782492 Selenium	0.00E+00 9YrCancerDerived	*	0.00E+00
63 ALL	487848.56	3673605.01	0 7782492 Selenium	0.00E+00 9YrCancerDerived	*	0.00E+00
64 ALL	487869.4	3673605.01	0 7782492 Selenium	0.00E+00 9YrCancerDerived	*	0.00E+00
65 ALL	487890.24	3673605.01	0 7782492 Selenium	0.00E+00 9YrCancerDerived	*	0.00E+00
1 ALL	487744.36	3673445.97	0 7782505 Chlorine	0.00E+00 9YrCancerDerived	*	0.00E+00
2 ALL	487765.2	3673445.97	0 7782505 Chlorine	0.00E+00 9YrCancerDerived	*	0.00E+00
3 ALL	487786.04	3673445.97	0 7782505 Chlorine	0.00E+00 9YrCancerDerived	*	0.00E+00
4 ALL	487723.52	3673465.85	0 7782505 Chlorine	0.00E+00 9YrCancerDerived	*	0.00E+00
5 ALL	487744.36	3673465.85	0 7782505 Chlorine	0.00E+00 9YrCancerDerived	*	0.00E+00
6 ALL	487765.2	3673465.85	0 7782505 Chlorine	0.00E+00 9YrCancerDerived	*	0.00E+00
7 ALL	487786.04	3673465.85	0 7782505 Chlorine	0.00E+00 9YrCancerDerived	*	0.00E+00
8 ALL	487806.88	3673465.85	0 7782505 Chlorine	0.00E+00 9YrCancerDerived	*	0.00E+00
9 ALL	487723.52	3673485.73	0 7782505 Chlorine	0.00E+00 9YrCancerDerived	*	0.00E+00
10 ALL	487744.36	3673485.73	0 7782505 Chlorine	0.00E+00 9YrCancerDerived	*	0.00E+00
11 ALL	487765.2	3673485.73	0 7782505 Chlorine	0.00E+00 9YrCancerDerived	*	0.00E+00
12 ALL	487786.04	3673485.73	0 7782505 Chlorine	0.00E+00 9YrCancerDerived	*	0.00E+00
13 ALL	487806.88	3673485.73	0 7782505 Chlorine	0.00E+00 9YrCancerDerived	*	0.00E+00
14 ALL	487827.72	3673485.73	0 7782505 Chlorine	0.00E+00 9YrCancerDerived	*	0.00E+00
15 ALL	487848.56	3673485.73	0 7782505 Chlorine	0.00E+00 9YrCancerDerived	*	0.00E+00
16 ALL	487723.52	3673505.61	0 7782505 Chlorine	0.00E+00 9YrCancerDerived	*	0.00E+00
17 ALL	487744.36	3673505.61	0 7782505 Chlorine	0.00E+00 9YrCancerDerived	*	0.00E+00
18 ALL	487765.2	3673505.61	0 7782505 Chlorine	0.00E+00 9YrCancerDerived	*	0.00E+00
19 ALL	487786.04	3673505.61	0 7782505 Chlorine	0.00E+00 9YrCancerDerived	*	0.00E+00
20 ALL	487806.88	3673505.61	0 7782505 Chlorine	0.00E+00 9YrCancerDerived	*	0.00E+00
21 ALL	487827.72	3673505.61	0 7782505 Chlorine	0.00E+00 9YrCancerDerived	*	0.00E+00
22 ALL	487848.56	3673505.61	0 7782505 Chlorine	0.00E+00 9YrCancerDerived	*	0.00E+00
23 ALL	487869.4	3673505.61	0 7782505 Chlorine	0.00E+00 9YrCancerDerived	*	0.00E+00
24 ALL	487744.36	3673525.49	0 7782505 Chlorine	0.00E+00 9YrCancerDerived	*	0.00E+00
25 ALL	487765.2	3673525.49	0 7782505 Chlorine	0.00E+00 9YrCancerDerived	*	0.00E+00
26 ALL	487786.04	3673525.49	0 7782505 Chlorine	0.00E+00 9YrCancerDerived	*	0.00E+00
27 ALL	487806.88	3673525.49	0 7782505 Chlorine	0.00E+00 9YrCancerDerived	*	0.00E+00
28 ALL	487827.72	3673525.49	0 7782505 Chlorine	0.00E+00 9YrCancerDerived	*	0.00E+00
29 ALL	487848.56	3673525.49	0 7782505 Chlorine	0.00E+00 9YrCancerDerived	*	0.00E+00
30 ALL	487869.4	3673525.49	0 7782505 Chlorine	0.00E+00 9YrCancerDerived	*	0.00E+00

31 ALL	487890.24	3673525.49	0	7782505 Chlorine	0.00E+00	9YrCancerDerived	*	0.00E+00
32 ALL	487911.08	3673525.49	0	7782505 Chlorine	0.00E+00	9YrCancerDerived	*	0.00E+00
33 ALL	487744.36	3673545.37	0	7782505 Chlorine	0.00E+00	9YrCancerDerived	*	0.00E+00
34 ALL	487765.2	3673545.37	0	7782505 Chlorine	0.00E+00	9YrCancerDerived	*	0.00E+00
35 ALL	487786.04	3673545.37	0	7782505 Chlorine	0.00E+00	9YrCancerDerived	*	0.00E+00
36 ALL	487806.88	3673545.37	0	7782505 Chlorine	0.00E+00	9YrCancerDerived	*	0.00E+00
37 ALL	487827.72	3673545.37	0	7782505 Chlorine	0.00E+00	9YrCancerDerived	*	0.00E+00
38 ALL	487848.56	3673545.37	0	7782505 Chlorine	0.00E+00	9YrCancerDerived	*	0.00E+00
39 ALL	487869.4	3673545.37	0	7782505 Chlorine	0.00E+00	9YrCancerDerived	*	0.00E+00
40 ALL	487890.24	3673545.37	0	7782505 Chlorine	0.00E+00	9YrCancerDerived	*	0.00E+00
41 ALL	487911.08	3673545.37	0	7782505 Chlorine	0.00E+00	9YrCancerDerived	*	0.00E+00
42 ALL	487931.92	3673545.37	0	7782505 Chlorine	0.00E+00	9YrCancerDerived	*	0.00E+00
43 ALL	487744.36	3673565.25	0	7782505 Chlorine	0.00E+00	9YrCancerDerived	*	0.00E+00
44 ALL	487765.2	3673565.25	0	7782505 Chlorine	0.00E+00	9YrCancerDerived	*	0.00E+00
45 ALL	487786.04	3673565.25	0	7782505 Chlorine	0.00E+00	9YrCancerDerived	*	0.00E+00
46 ALL	487806.88	3673565.25	0	7782505 Chlorine	0.00E+00	9YrCancerDerived	*	0.00E+00
47 ALL	487827.72	3673565.25	0	7782505 Chlorine	0.00E+00	9YrCancerDerived	*	0.00E+00
48 ALL	487848.56	3673565.25	0	7782505 Chlorine	0.00E+00	9YrCancerDerived	*	0.00E+00
49 ALL	487869.4	3673565.25	0	7782505 Chlorine	0.00E+00	9YrCancerDerived	*	0.00E+00
50 ALL	487890.24	3673565.25	0	7782505 Chlorine	0.00E+00	9YrCancerDerived	*	0.00E+00
51 ALL	487911.08	3673565.25	0	7782505 Chlorine	0.00E+00	9YrCancerDerived	*	0.00E+00
52 ALL	487765.2	3673585.13	0	7782505 Chlorine	0.00E+00	9YrCancerDerived	*	0.00E+00
53 ALL	487786.04	3673585.13	0	7782505 Chlorine	0.00E+00	9YrCancerDerived	*	0.00E+00
54 ALL	487806.88	3673585.13	0	7782505 Chlorine	0.00E+00	9YrCancerDerived	*	0.00E+00
55 ALL	487827.72	3673585.13	0	7782505 Chlorine	0.00E+00	9YrCancerDerived	*	0.00E+00
56 ALL	487848.56	3673585.13	0	7782505 Chlorine	0.00E+00	9YrCancerDerived	*	0.00E+00
57 ALL	487869.4	3673585.13	0	7782505 Chlorine	0.00E+00	9YrCancerDerived	*	0.00E+00
58 ALL	487890.24	3673585.13	0	7782505 Chlorine	0.00E+00	9YrCancerDerived	*	0.00E+00
59 ALL	487911.08	3673585.13	0	7782505 Chlorine	0.00E+00	9YrCancerDerived	*	0.00E+00
60 ALL	487786.04	3673605.01	0	7782505 Chlorine	0.00E+00	9YrCancerDerived	*	0.00E+00
61 ALL	487806.88	3673605.01	0	7782505 Chlorine	0.00E+00	9YrCancerDerived	*	0.00E+00
62 ALL	487827.72	3673605.01	0	7782505 Chlorine	0.00E+00	9YrCancerDerived	*	0.00E+00
63 ALL	487848.56	3673605.01	0	7782505 Chlorine	0.00E+00	9YrCancerDerived	*	0.00E+00
64 ALL	487869.4	3673605.01	0	7782505 Chlorine	0.00E+00	9YrCancerDerived	*	0.00E+00

65 ALL	487890.24	3673605.01	0	7782505 Chlorine	0.00E+00	9YrCancerDerived	*	0.00E+00
1 ALL	487744.36	3673445.97	0.000812297	540841 2,2,4TriMePentn	0.00E+00	9YrCancerDerived	*	0.00E+00
2 ALL	487765.2	3673445.97	0.000767535	540841 2,2,4TriMePentn	0.00E+00	9YrCancerDerived	*	0.00E+00
3 ALL	487786.04	3673445.97	0.000903633	540841 2,2,4TriMePentn	0.00E+00	9YrCancerDerived	*	0.00E+00
4 ALL	487723.52	3673465.85	0.001695413	540841 2,2,4TriMePentn	0.00E+00	9YrCancerDerived	*	0.00E+00
5 ALL	487744.36	3673465.85	0.001150138	540841 2,2,4TriMePentn	0.00E+00	9YrCancerDerived	*	0.00E+00
6 ALL	487765.2	3673465.85	0.001139794	540841 2,2,4TriMePentn	0.00E+00	9YrCancerDerived	*	0.00E+00
7 ALL	487786.04	3673465.85	0.00154336	540841 2,2,4TriMePentn	0.00E+00	9YrCancerDerived	*	0.00E+00
8 ALL	487806.88	3673465.85	0.002234895	540841 2,2,4TriMePentn	0.00E+00	9YrCancerDerived	*	0.00E+00
9 ALL	487723.52	3673485.73	0.002931589	540841 2,2,4TriMePentn	0.00E+00	9YrCancerDerived	*	0.00E+00
10 ALL	487744.36	3673485.73	0.001918133	540841 2,2,4TriMePentn	0.00E+00	9YrCancerDerived	*	0.00E+00
11 ALL	487765.2	3673485.73	0.001804929	540841 2,2,4TriMePentn	0.00E+00	9YrCancerDerived	*	0.00E+00
12 ALL	487786.04	3673485.73	0.002544926	540841 2,2,4TriMePentn	0.00E+00	9YrCancerDerived	*	0.00E+00
13 ALL	487806.88	3673485.73	0.004272528	540841 2,2,4TriMePentn	0.00E+00	9YrCancerDerived	*	0.00E+00
14 ALL	487827.72	3673485.73	0.00797932	540841 2,2,4TriMePentn	0.00E+00	9YrCancerDerived	*	0.00E+00
15 ALL	487848.56	3673485.73	0.01297432	540841 2,2,4TriMePentn	0.00E+00	9YrCancerDerived	*	0.00E+00
16 ALL	487723.52	3673505.61	0.005423027	540841 2,2,4TriMePentn	0.00E+00	9YrCancerDerived	*	0.00E+00
17 ALL	487744.36	3673505.61	0.004479775	540841 2,2,4TriMePentn	0.00E+00	9YrCancerDerived	*	0.00E+00
18 ALL	487765.2	3673505.61	0.003223574	540841 2,2,4TriMePentn	0.00E+00	9YrCancerDerived	*	0.00E+00
19 ALL	487786.04	3673505.61	0.004161261	540841 2,2,4TriMePentn	0.00E+00	9YrCancerDerived	*	0.00E+00
20 ALL	487806.88	3673505.61	0.006453339	540841 2,2,4TriMePentn	0.00E+00	9YrCancerDerived	*	0.00E+00
21 ALL	487827.72	3673505.61	0.009793062	540841 2,2,4TriMePentn	0.00E+00	9YrCancerDerived	*	0.00E+00
22 ALL	487848.56	3673505.61	0.01418836	540841 2,2,4TriMePentn	0.00E+00	9YrCancerDerived	*	0.00E+00
23 ALL	487869.4	3673505.61	0.01636579	540841 2,2,4TriMePentn	0.00E+00	9YrCancerDerived	*	0.00E+00
24 ALL	487744.36	3673525.49	0.005993475	540841 2,2,4TriMePentn	0.00E+00	9YrCancerDerived	*	0.00E+00
25 ALL	487765.2	3673525.49	0.004733068	540841 2,2,4TriMePentn	0.00E+00	9YrCancerDerived	*	0.00E+00
26 ALL	487786.04	3673525.49	0.004383603	540841 2,2,4TriMePentn	0.00E+00	9YrCancerDerived	*	0.00E+00
27 ALL	487806.88	3673525.49	0.005891851	540841 2,2,4TriMePentn	0.00E+00	9YrCancerDerived	*	0.00E+00
28 ALL	487827.72	3673525.49	0.0080458	540841 2,2,4TriMePentn	0.00E+00	9YrCancerDerived	*	0.00E+00
29 ALL	487848.56	3673525.49	0.01064894	540841 2,2,4TriMePentn	0.00E+00	9YrCancerDerived	*	0.00E+00
30 ALL	487869.4	3673525.49	0.01452529	540841 2,2,4TriMePentn	0.00E+00	9YrCancerDerived	*	0.00E+00
31 ALL	487890.24	3673525.49	0.01725843	540841 2,2,4TriMePentn	0.00E+00	9YrCancerDerived	*	0.00E+00
32 ALL	487911.08	3673525.49	0.01903209	540841 2,2,4TriMePentn	0.00E+00	9YrCancerDerived	*	0.00E+00
33 ALL	487744.36	3673545.37	0.005930276	540841 2,2,4TriMePentn	0.00E+00	9YrCancerDerived	*	0.00E+00

34 ALL	487765.2	3673545.37	0.005081041	540841 2,2,4TriMePentn	0.00E+00 9YrCancerDerived	*	0.00E+00
35 ALL	487786.04	3673545.37	0.003398614	540841 2,2,4TriMePentn	0.00E+00 9YrCancerDerived	*	0.00E+00
36 ALL	487806.88	3673545.37	0.003518593	540841 2,2,4TriMePentn	0.00E+00 9YrCancerDerived	*	0.00E+00
37 ALL	487827.72	3673545.37	0.003892381	540841 2,2,4TriMePentn	0.00E+00 9YrCancerDerived	*	0.00E+00
38 ALL	487848.56	3673545.37	0.005261131	540841 2,2,4TriMePentn	0.00E+00 9YrCancerDerived	*	0.00E+00
39 ALL	487869.4	3673545.37	0.009320752	540841 2,2,4TriMePentn	0.00E+00 9YrCancerDerived	*	0.00E+00
40 ALL	487890.24	3673545.37	0.01481156	540841 2,2,4TriMePentn	0.00E+00 9YrCancerDerived	*	0.00E+00
41 ALL	487911.08	3673545.37	0.01765313	540841 2,2,4TriMePentn	0.00E+00 9YrCancerDerived	*	0.00E+00
42 ALL	487931.92	3673545.37	0.01877247	540841 2,2,4TriMePentn	0.00E+00 9YrCancerDerived	*	0.00E+00
43 ALL	487744.36	3673565.25	0.006411732	540841 2,2,4TriMePentn	0.00E+00 9YrCancerDerived	*	0.00E+00
44 ALL	487765.2	3673565.25	0.005304957	540841 2,2,4TriMePentn	0.00E+00 9YrCancerDerived	*	0.00E+00
45 ALL	487786.04	3673565.25	0.002956651	540841 2,2,4TriMePentn	0.00E+00 9YrCancerDerived	*	0.00E+00
46 ALL	487806.88	3673565.25	0.002056313	540841 2,2,4TriMePentn	0.00E+00 9YrCancerDerived	*	0.00E+00
47 ALL	487827.72	3673565.25	0.001635802	540841 2,2,4TriMePentn	0.00E+00 9YrCancerDerived	*	0.00E+00
48 ALL	487848.56	3673565.25	0.001812149	540841 2,2,4TriMePentn	0.00E+00 9YrCancerDerived	*	0.00E+00
49 ALL	487869.4	3673565.25	0.003474212	540841 2,2,4TriMePentn	0.00E+00 9YrCancerDerived	*	0.00E+00
50 ALL	487890.24	3673565.25	0.009610796	540841 2,2,4TriMePentn	0.00E+00 9YrCancerDerived	*	0.00E+00
51 ALL	487911.08	3673565.25	0.01519222	540841 2,2,4TriMePentn	0.00E+00 9YrCancerDerived	*	0.00E+00
52 ALL	487765.2	3673585.13	0.005884712	540841 2,2,4TriMePentn	0.00E+00 9YrCancerDerived	*	0.00E+00
53 ALL	487786.04	3673585.13	0.002549652	540841 2,2,4TriMePentn	0.00E+00 9YrCancerDerived	*	0.00E+00
54 ALL	487806.88	3673585.13	0.001505746	540841 2,2,4TriMePentn	0.00E+00 9YrCancerDerived	*	0.00E+00
55 ALL	487827.72	3673585.13	0.001117168	540841 2,2,4TriMePentn	0.00E+00 9YrCancerDerived	*	0.00E+00
56 ALL	487848.56	3673585.13	0.001220276	540841 2,2,4TriMePentn	0.00E+00 9YrCancerDerived	*	0.00E+00
57 ALL	487869.4	3673585.13	0.002227293	540841 2,2,4TriMePentn	0.00E+00 9YrCancerDerived	*	0.00E+00
58 ALL	487890.24	3673585.13	0.006228657	540841 2,2,4TriMePentn	0.00E+00 9YrCancerDerived	*	0.00E+00
59 ALL	487911.08	3673585.13	0.01156688	540841 2,2,4TriMePentn	0.00E+00 9YrCancerDerived	*	0.00E+00
60 ALL	487786.04	3673605.01	0.00271528	540841 2,2,4TriMePentn	0.00E+00 9YrCancerDerived	*	0.00E+00
61 ALL	487806.88	3673605.01	0.001318066	540841 2,2,4TriMePentn	0.00E+00 9YrCancerDerived	*	0.00E+00
62 ALL	487827.72	3673605.01	0.001153133	540841 2,2,4TriMePentn	0.00E+00 9YrCancerDerived	*	0.00E+00
63 ALL	487848.56	3673605.01	0.00130934	540841 2,2,4TriMePentn	0.00E+00 9YrCancerDerived	*	0.00E+00
64 ALL	487869.4	3673605.01	0.002930698	540841 2,2,4TriMePentn	0.00E+00 9YrCancerDerived	*	0.00E+00
65 ALL	487890.24	3673605.01	0.006597773	540841 2,2,4TriMePentn	0.00E+00 9YrCancerDerived	*	0.00E+00

*HARP - HRACalc v15065 5/11/2015 8:07:04 PM - Cancer Risk

REC	GRP	NETID	X	Y	CONC	POLID	POLABBREV	RISK_SUM	SCENARIO	DETAILS	INH_RISK	1ST_DRIVER
1	ALL		487640.16	3673346.57	0.000287159	9901	DieselExhPM	0.000000153	30YrCancerDerived	*	0.000000153	INHALATION
2	ALL		487661	3673346.57	0.000297455	9901	DieselExhPM	0.000000159	30YrCancerDerived	*	0.000000159	INHALATION
3	ALL		487681.84	3673346.57	0.000311592	9901	DieselExhPM	0.000000166	30YrCancerDerived	*	0.000000166	INHALATION
4	ALL		487702.68	3673346.57	0.00032875	9901	DieselExhPM	0.000000176	30YrCancerDerived	*	0.000000176	INHALATION
5	ALL		487723.52	3673346.57	0.000349012	9901	DieselExhPM	0.000000186	30YrCancerDerived	*	0.000000186	INHALATION
6	ALL		487598.48	3673366.45	0.0002603	9901	DieselExhPM	0.000000139	30YrCancerDerived	*	0.000000139	INHALATION
7	ALL		487619.32	3673366.45	0.00028802	9901	DieselExhPM	0.000000154	30YrCancerDerived	*	0.000000154	INHALATION
8	ALL		487640.16	3673366.45	0.00034246	9901	DieselExhPM	0.000000183	30YrCancerDerived	*	0.000000183	INHALATION
9	ALL		487661	3673366.45	0.000378699	9901	DieselExhPM	0.000000202	30YrCancerDerived	*	0.000000202	INHALATION
10	ALL		487681.84	3673366.45	0.00039712	9901	DieselExhPM	0.000000212	30YrCancerDerived	*	0.000000212	INHALATION
11	ALL		487702.68	3673366.45	0.000429666	9901	DieselExhPM	0.000000229	30YrCancerDerived	*	0.000000229	INHALATION
12	ALL		487723.52	3673366.45	0.000425349	9901	DieselExhPM	0.000000227	30YrCancerDerived	*	0.000000227	INHALATION
13	ALL		487577.64	3673386.33	0.000266215	9901	DieselExhPM	0.000000142	30YrCancerDerived	*	0.000000142	INHALATION
14	ALL		487598.48	3673386.33	0.000282033	9901	DieselExhPM	0.000000151	30YrCancerDerived	*	0.000000151	INHALATION
15	ALL		487619.32	3673386.33	0.000320789	9901	DieselExhPM	0.000000171	30YrCancerDerived	*	0.000000171	INHALATION
16	ALL		487640.16	3673386.33	0.000409162	9901	DieselExhPM	0.000000218	30YrCancerDerived	*	0.000000218	INHALATION
17	ALL		487661	3673386.33	0.000534852	9901	DieselExhPM	0.000000286	30YrCancerDerived	*	0.000000286	INHALATION
18	ALL		487681.84	3673386.33	0.000613585	9901	DieselExhPM	0.000000328	30YrCancerDerived	*	0.000000328	INHALATION
19	ALL		487702.68	3673386.33	0.000636146	9901	DieselExhPM	0.000000034	30YrCancerDerived	*	0.000000034	INHALATION
20	ALL		487723.52	3673386.33	0.000621502	9901	DieselExhPM	0.000000332	30YrCancerDerived	*	0.000000332	INHALATION
21	ALL		487473.44	3673406.21	0.000209475	9901	DieselExhPM	0.000000112	30YrCancerDerived	*	0.000000112	INHALATION
22	ALL		487494.28	3673406.21	0.00022192	9901	DieselExhPM	0.000000118	30YrCancerDerived	*	0.000000118	INHALATION
23	ALL		487515.12	3673406.21	0.000233121	9901	DieselExhPM	0.000000124	30YrCancerDerived	*	0.000000124	INHALATION
24	ALL		487535.96	3673406.21	0.000245469	9901	DieselExhPM	0.000000131	30YrCancerDerived	*	0.000000131	INHALATION
25	ALL		487556.8	3673406.21	0.00026355	9901	DieselExhPM	0.000000141	30YrCancerDerived	*	0.000000141	INHALATION
26	ALL		487577.64	3673406.21	0.00029503	9901	DieselExhPM	0.000000158	30YrCancerDerived	*	0.000000158	INHALATION
27	ALL		487598.48	3673406.21	0.000342587	9901	DieselExhPM	0.000000183	30YrCancerDerived	*	0.000000183	INHALATION
28	ALL		487619.32	3673406.21	0.000433985	9901	DieselExhPM	0.000000232	30YrCancerDerived	*	0.000000232	INHALATION
29	ALL		487640.16	3673406.21	0.00061218	9901	DieselExhPM	0.000000327	30YrCancerDerived	*	0.000000327	INHALATION
30	ALL		487661	3673406.21	0.00080875	9901	DieselExhPM	0.000000432	30YrCancerDerived	*	0.000000432	INHALATION
31	ALL		487681.84	3673406.21	0.00089062	9901	DieselExhPM	0.000000475	30YrCancerDerived	*	0.000000475	INHALATION
32	ALL		487702.68	3673406.21	0.00084854	9901	DieselExhPM	0.000000453	30YrCancerDerived	*	0.000000453	INHALATION
33	ALL		487723.52	3673406.21	0.000756982	9901	DieselExhPM	0.000000404	30YrCancerDerived	*	0.000000404	INHALATION

34 ALL	487431.76	3673426.09	0.000196957	9901 DieselExhPM	0.000000105	30YrCancerDerived	*	0.000000105	INHALATION
35 ALL	487452.6	3673426.09	0.000206341	9901 DieselExhPM	0.00000011	30YrCancerDerived	*	0.00000011	INHALATION
36 ALL	487473.44	3673426.09	0.000215918	9901 DieselExhPM	0.000000115	30YrCancerDerived	*	0.000000115	INHALATION
37 ALL	487494.28	3673426.09	0.000229423	9901 DieselExhPM	0.000000122	30YrCancerDerived	*	0.000000122	INHALATION
38 ALL	487515.12	3673426.09	0.000244702	9901 DieselExhPM	0.000000131	30YrCancerDerived	*	0.000000131	INHALATION
39 ALL	487535.96	3673426.09	0.000259435	9901 DieselExhPM	0.000000139	30YrCancerDerived	*	0.000000139	INHALATION
40 ALL	487556.8	3673426.09	0.000280978	9901 DieselExhPM	0.00000015	30YrCancerDerived	*	0.00000015	INHALATION
41 ALL	487577.64	3673426.09	0.000319961	9901 DieselExhPM	0.000000171	30YrCancerDerived	*	0.000000171	INHALATION
42 ALL	487598.48	3673426.09	0.000411013	9901 DieselExhPM	0.000000219	30YrCancerDerived	*	0.000000219	INHALATION
43 ALL	487619.32	3673426.09	0.000600007	9901 DieselExhPM	0.00000032	30YrCancerDerived	*	0.00000032	INHALATION
44 ALL	487640.16	3673426.09	0.000957997	9901 DieselExhPM	0.000000511	30YrCancerDerived	*	0.000000511	INHALATION
45 ALL	487661	3673426.09	0.001287853	9901 DieselExhPM	0.000000688	30YrCancerDerived	*	0.000000688	INHALATION
46 ALL	487681.84	3673426.09	0.001371261	9901 DieselExhPM	0.000000732	30YrCancerDerived	*	0.000000732	INHALATION
47 ALL	487702.68	3673426.09	0.00112661	9901 DieselExhPM	0.000000601	30YrCancerDerived	*	0.000000601	INHALATION
48 ALL	487723.52	3673426.09	0.00097772	9901 DieselExhPM	0.000000522	30YrCancerDerived	*	0.000000522	INHALATION
49 ALL	487410.92	3673445.97	0.000199441	9901 DieselExhPM	0.000000106	30YrCancerDerived	*	0.000000106	INHALATION
50 ALL	487431.76	3673445.97	0.000207785	9901 DieselExhPM	0.000000111	30YrCancerDerived	*	0.000000111	INHALATION
51 ALL	487452.6	3673445.97	0.00021717	9901 DieselExhPM	0.000000116	30YrCancerDerived	*	0.000000116	INHALATION
52 ALL	487473.44	3673445.97	0.000226191	9901 DieselExhPM	0.000000121	30YrCancerDerived	*	0.000000121	INHALATION
53 ALL	487494.28	3673445.97	0.000235631	9901 DieselExhPM	0.000000126	30YrCancerDerived	*	0.000000126	INHALATION
54 ALL	487515.12	3673445.97	0.000246814	9901 DieselExhPM	0.000000132	30YrCancerDerived	*	0.000000132	INHALATION
55 ALL	487535.96	3673445.97	0.000259967	9901 DieselExhPM	0.000000139	30YrCancerDerived	*	0.000000139	INHALATION
56 ALL	487556.8	3673445.97	0.000282841	9901 DieselExhPM	0.000000151	30YrCancerDerived	*	0.000000151	INHALATION
57 ALL	487577.64	3673445.97	0.000315544	9901 DieselExhPM	0.000000168	30YrCancerDerived	*	0.000000168	INHALATION
58 ALL	487598.48	3673445.97	0.000411621	9901 DieselExhPM	0.00000022	30YrCancerDerived	*	0.00000022	INHALATION
59 ALL	487619.32	3673445.97	0.000611425	9901 DieselExhPM	0.000000326	30YrCancerDerived	*	0.000000326	INHALATION
60 ALL	487640.16	3673445.97	0.001155384	9901 DieselExhPM	0.000000617	30YrCancerDerived	*	0.000000617	INHALATION
61 ALL	487661	3673445.97	0.001888552	9901 DieselExhPM	0.00000101	30YrCancerDerived	*	0.00000101	INHALATION
62 ALL	487681.84	3673445.97	0.00232004	9901 DieselExhPM	0.00000124	30YrCancerDerived	*	0.00000124	INHALATION
63 ALL	487702.68	3673445.97	0.001991719	9901 DieselExhPM	0.00000106	30YrCancerDerived	*	0.00000106	INHALATION
64 ALL	487369.24	3673465.85	0.000188637	9901 DieselExhPM	0.000000101	30YrCancerDerived	*	0.000000101	INHALATION
65 ALL	487390.08	3673465.85	0.00020041	9901 DieselExhPM	0.000000107	30YrCancerDerived	*	0.000000107	INHALATION
66 ALL	487410.92	3673465.85	0.000210639	9901 DieselExhPM	0.000000112	30YrCancerDerived	*	0.000000112	INHALATION
67 ALL	487431.76	3673465.85	0.000226416	9901 DieselExhPM	0.000000121	30YrCancerDerived	*	0.000000121	INHALATION
68 ALL	487452.6	3673465.85	0.000236134	9901 DieselExhPM	0.000000126	30YrCancerDerived	*	0.000000126	INHALATION

69 ALL	487473.44	3673465.85	0.000242362	9901 DieselExhPM	0.000000129	30YrCancerDerived	*	0.000000129	INHALATION
70 ALL	487494.28	3673465.85	0.000247746	9901 DieselExhPM	0.000000132	30YrCancerDerived	*	0.000000132	INHALATION
71 ALL	487515.12	3673465.85	0.000244313	9901 DieselExhPM	0.00000013	30YrCancerDerived	*	0.00000013	INHALATION
72 ALL	487535.96	3673465.85	0.000256391	9901 DieselExhPM	0.000000137	30YrCancerDerived	*	0.000000137	INHALATION
73 ALL	487556.8	3673465.85	0.000279724	9901 DieselExhPM	0.000000149	30YrCancerDerived	*	0.000000149	INHALATION
74 ALL	487577.64	3673465.85	0.000322137	9901 DieselExhPM	0.000000172	30YrCancerDerived	*	0.000000172	INHALATION
75 ALL	487598.48	3673465.85	0.000428209	9901 DieselExhPM	0.000000229	30YrCancerDerived	*	0.000000229	INHALATION
76 ALL	487619.32	3673465.85	0.000646969	9901 DieselExhPM	0.000000345	30YrCancerDerived	*	0.000000345	INHALATION
77 ALL	487640.16	3673465.85	0.001236856	9901 DieselExhPM	0.000000066	30YrCancerDerived	*	0.000000066	INHALATION
78 ALL	487661	3673465.85	0.002256626	9901 DieselExhPM	0.00000012	30YrCancerDerived	*	0.00000012	INHALATION
79 ALL	487681.84	3673465.85	0.002927517	9901 DieselExhPM	0.00000156	30YrCancerDerived	*	0.00000156	INHALATION
80 ALL	487702.68	3673465.85	0.003074029	9901 DieselExhPM	0.00000164	30YrCancerDerived	*	0.00000164	INHALATION
81 ALL	487348.4	3673485.73	0.000183012	9901 DieselExhPM	9.77E-08	30YrCancerDerived	*	9.77E-08	INHALATION
82 ALL	487369.24	3673485.73	0.00019583	9901 DieselExhPM	0.000000105	30YrCancerDerived	*	0.000000105	INHALATION
83 ALL	487390.08	3673485.73	0.000213581	9901 DieselExhPM	0.000000114	30YrCancerDerived	*	0.000000114	INHALATION
84 ALL	487410.92	3673485.73	0.000234217	9901 DieselExhPM	0.000000125	30YrCancerDerived	*	0.000000125	INHALATION
85 ALL	487431.76	3673485.73	0.000252838	9901 DieselExhPM	0.000000135	30YrCancerDerived	*	0.000000135	INHALATION
86 ALL	487452.6	3673485.73	0.000265572	9901 DieselExhPM	0.000000142	30YrCancerDerived	*	0.000000142	INHALATION
87 ALL	487473.44	3673485.73	0.000269182	9901 DieselExhPM	0.000000144	30YrCancerDerived	*	0.000000144	INHALATION
88 ALL	487494.28	3673485.73	0.000261455	9901 DieselExhPM	0.000000014	30YrCancerDerived	*	0.000000014	INHALATION
89 ALL	487515.12	3673485.73	0.00024953	9901 DieselExhPM	0.000000133	30YrCancerDerived	*	0.000000133	INHALATION
90 ALL	487535.96	3673485.73	0.000260682	9901 DieselExhPM	0.000000139	30YrCancerDerived	*	0.000000139	INHALATION
91 ALL	487556.8	3673485.73	0.000298834	9901 DieselExhPM	0.000000016	30YrCancerDerived	*	0.000000016	INHALATION
92 ALL	487577.64	3673485.73	0.000380732	9901 DieselExhPM	0.000000203	30YrCancerDerived	*	0.000000203	INHALATION
93 ALL	487598.48	3673485.73	0.00056722	9901 DieselExhPM	0.000000303	30YrCancerDerived	*	0.000000303	INHALATION
94 ALL	487619.32	3673485.73	0.000970463	9901 DieselExhPM	0.0000000518	30YrCancerDerived	*	0.0000000518	INHALATION
95 ALL	487640.16	3673485.73	0.001839269	9901 DieselExhPM	0.0000000982	30YrCancerDerived	*	0.0000000982	INHALATION
96 ALL	487661	3673485.73	0.002641845	9901 DieselExhPM	0.00000141	30YrCancerDerived	*	0.00000141	INHALATION
97 ALL	487681.84	3673485.73	0.003418599	9901 DieselExhPM	0.00000183	30YrCancerDerived	*	0.00000183	INHALATION
98 ALL	487223.36	3673505.61	0.00014309	9901 DieselExhPM	7.64E-08	30YrCancerDerived	*	7.64E-08	INHALATION
99 ALL	487244.2	3673505.61	0.000148066	9901 DieselExhPM	0.000000079	30YrCancerDerived	*	0.000000079	INHALATION
100 ALL	487327.56	3673505.61	0.000182331	9901 DieselExhPM	9.73E-08	30YrCancerDerived	*	9.73E-08	INHALATION
101 ALL	487348.4	3673505.61	0.000192144	9901 DieselExhPM	0.000000103	30YrCancerDerived	*	0.000000103	INHALATION
102 ALL	487369.24	3673505.61	0.000206816	9901 DieselExhPM	0.000000011	30YrCancerDerived	*	0.000000011	INHALATION
103 ALL	487390.08	3673505.61	0.000227224	9901 DieselExhPM	0.000000121	30YrCancerDerived	*	0.000000121	INHALATION

104 ALL	487410.92	3673505.61	0.000251861	9901 DieselExhPM	0.000000134	30YrCancerDerived	*	0.000000134	INHALATION
105 ALL	487431.76	3673505.61	0.00029223	9901 DieselExhPM	0.000000156	30YrCancerDerived	*	0.000000156	INHALATION
106 ALL	487452.6	3673505.61	0.000304155	9901 DieselExhPM	0.000000162	30YrCancerDerived	*	0.000000162	INHALATION
107 ALL	487473.44	3673505.61	0.0003012	9901 DieselExhPM	0.000000161	30YrCancerDerived	*	0.000000161	INHALATION
108 ALL	487494.28	3673505.61	0.000283012	9901 DieselExhPM	0.000000151	30YrCancerDerived	*	0.000000151	INHALATION
109 ALL	487515.12	3673505.61	0.00027137	9901 DieselExhPM	0.000000145	30YrCancerDerived	*	0.000000145	INHALATION
110 ALL	487535.96	3673505.61	0.000272646	9901 DieselExhPM	0.000000146	30YrCancerDerived	*	0.000000146	INHALATION
111 ALL	487556.8	3673505.61	0.000307795	9901 DieselExhPM	0.000000164	30YrCancerDerived	*	0.000000164	INHALATION
112 ALL	487577.64	3673505.61	0.000443257	9901 DieselExhPM	0.000000237	30YrCancerDerived	*	0.000000237	INHALATION
113 ALL	487598.48	3673505.61	0.000960357	9901 DieselExhPM	0.000000513	30YrCancerDerived	*	0.000000513	INHALATION
114 ALL	487619.32	3673505.61	0.002004823	9901 DieselExhPM	0.00000107	30YrCancerDerived	*	0.00000107	INHALATION
115 ALL	487640.16	3673505.61	0.002728592	9901 DieselExhPM	0.00000146	30YrCancerDerived	*	0.00000146	INHALATION
116 ALL	487661	3673505.61	0.00252398	9901 DieselExhPM	0.00000135	30YrCancerDerived	*	0.00000135	INHALATION
117 ALL	487681.84	3673505.61	0.002841087	9901 DieselExhPM	0.00000152	30YrCancerDerived	*	0.00000152	INHALATION
118 ALL	487223.36	3673525.49	0.000144457	9901 DieselExhPM	7.71E-08	30YrCancerDerived	*	7.71E-08	INHALATION
119 ALL	487244.2	3673525.49	0.00015081	9901 DieselExhPM	8.05E-08	30YrCancerDerived	*	8.05E-08	INHALATION
120 ALL	487265.04	3673525.49	0.000161756	9901 DieselExhPM	8.64E-08	30YrCancerDerived	*	8.64E-08	INHALATION
121 ALL	487306.72	3673525.49	0.000183647	9901 DieselExhPM	0.000000098	30YrCancerDerived	*	0.000000098	INHALATION
122 ALL	487327.56	3673525.49	0.00019201	9901 DieselExhPM	0.000000103	30YrCancerDerived	*	0.000000103	INHALATION
123 ALL	487348.4	3673525.49	0.000205301	9901 DieselExhPM	0.00000011	30YrCancerDerived	*	0.00000011	INHALATION
124 ALL	487369.24	3673525.49	0.000224153	9901 DieselExhPM	0.00000012	30YrCancerDerived	*	0.00000012	INHALATION
125 ALL	487390.08	3673525.49	0.00024565	9901 DieselExhPM	0.000000131	30YrCancerDerived	*	0.000000131	INHALATION
126 ALL	487410.92	3673525.49	0.000271541	9901 DieselExhPM	0.000000145	30YrCancerDerived	*	0.000000145	INHALATION
127 ALL	487431.76	3673525.49	0.000317593	9901 DieselExhPM	0.00000017	30YrCancerDerived	*	0.00000017	INHALATION
128 ALL	487452.6	3673525.49	0.000327294	9901 DieselExhPM	0.000000175	30YrCancerDerived	*	0.000000175	INHALATION
129 ALL	487473.44	3673525.49	0.000333374	9901 DieselExhPM	0.000000178	30YrCancerDerived	*	0.000000178	INHALATION
130 ALL	487494.28	3673525.49	0.000330646	9901 DieselExhPM	0.000000177	30YrCancerDerived	*	0.000000177	INHALATION
131 ALL	487515.12	3673525.49	0.000320748	9901 DieselExhPM	0.000000171	30YrCancerDerived	*	0.000000171	INHALATION
132 ALL	487535.96	3673525.49	0.000320032	9901 DieselExhPM	0.000000171	30YrCancerDerived	*	0.000000171	INHALATION
133 ALL	487556.8	3673525.49	0.000347056	9901 DieselExhPM	0.000000185	30YrCancerDerived	*	0.000000185	INHALATION
134 ALL	487577.64	3673525.49	0.00048537	9901 DieselExhPM	0.000000259	30YrCancerDerived	*	0.000000259	INHALATION
135 ALL	487598.48	3673525.49	0.001090675	9901 DieselExhPM	0.000000582	30YrCancerDerived	*	0.000000582	INHALATION
136 ALL	487619.32	3673525.49	0.002562431	9901 DieselExhPM	0.00000137	30YrCancerDerived	*	0.00000137	INHALATION
137 ALL	487640.16	3673525.49	0.001438367	9901 DieselExhPM	0.000000768	30YrCancerDerived	*	0.000000768	INHALATION
138 ALL	487661	3673525.49	0.000978196	9901 DieselExhPM	0.000000522	30YrCancerDerived	*	0.000000522	INHALATION

139 ALL	487202.52	3673545.37	0.000142201	9901 DieselExhPM	7.59E-08	30YrCancerDerived	*	7.59E-08	INHALATION
140 ALL	487223.36	3673545.37	0.000146438	9901 DieselExhPM	7.82E-08	30YrCancerDerived	*	7.82E-08	INHALATION
141 ALL	487244.2	3673545.37	0.000154368	9901 DieselExhPM	8.24E-08	30YrCancerDerived	*	8.24E-08	INHALATION
142 ALL	487265.04	3673545.37	0.000166062	9901 DieselExhPM	8.87E-08	30YrCancerDerived	*	8.87E-08	INHALATION
143 ALL	487285.88	3673545.37	0.000177114	9901 DieselExhPM	9.46E-08	30YrCancerDerived	*	9.46E-08	INHALATION
144 ALL	487306.72	3673545.37	0.000187374	9901 DieselExhPM	0.0000001	30YrCancerDerived	*	0.0000001	INHALATION
145 ALL	487327.56	3673545.37	0.000199505	9901 DieselExhPM	0.000000107	30YrCancerDerived	*	0.000000107	INHALATION
146 ALL	487348.4	3673545.37	0.000211392	9901 DieselExhPM	0.000000113	30YrCancerDerived	*	0.000000113	INHALATION
147 ALL	487369.24	3673545.37	0.000225878	9901 DieselExhPM	0.000000121	30YrCancerDerived	*	0.000000121	INHALATION
148 ALL	487390.08	3673545.37	0.00024483	9901 DieselExhPM	0.000000131	30YrCancerDerived	*	0.000000131	INHALATION
149 ALL	487410.92	3673545.37	0.000273579	9901 DieselExhPM	0.000000146	30YrCancerDerived	*	0.000000146	INHALATION
150 ALL	487431.76	3673545.37	0.000288165	9901 DieselExhPM	0.000000154	30YrCancerDerived	*	0.000000154	INHALATION
151 ALL	487452.6	3673545.37	0.000292778	9901 DieselExhPM	0.000000156	30YrCancerDerived	*	0.000000156	INHALATION
152 ALL	487473.44	3673545.37	0.000310261	9901 DieselExhPM	0.000000166	30YrCancerDerived	*	0.000000166	INHALATION
153 ALL	487494.28	3673545.37	0.000390483	9901 DieselExhPM	0.000000208	30YrCancerDerived	*	0.000000208	INHALATION
154 ALL	487515.12	3673545.37	0.000427391	9901 DieselExhPM	0.000000228	30YrCancerDerived	*	0.000000228	INHALATION
155 ALL	487535.96	3673545.37	0.000432839	9901 DieselExhPM	0.000000231	30YrCancerDerived	*	0.000000231	INHALATION
156 ALL	487556.8	3673545.37	0.000435299	9901 DieselExhPM	0.000000232	30YrCancerDerived	*	0.000000232	INHALATION
157 ALL	487577.64	3673545.37	0.000627958	9901 DieselExhPM	0.000000335	30YrCancerDerived	*	0.000000335	INHALATION
158 ALL	487598.48	3673545.37	0.001267284	9901 DieselExhPM	0.000000677	30YrCancerDerived	*	0.000000677	INHALATION
159 ALL	487619.32	3673545.37	0.000994102	9901 DieselExhPM	0.000000531	30YrCancerDerived	*	0.000000531	INHALATION
160 ALL	487640.16	3673545.37	0.000563761	9901 DieselExhPM	0.000000301	30YrCancerDerived	*	0.000000301	INHALATION
161 ALL	487661	3673545.37	0.000497778	9901 DieselExhPM	0.000000266	30YrCancerDerived	*	0.000000266	INHALATION
162 ALL	487181.68	3673565.25	0.000141774	9901 DieselExhPM	7.57E-08	30YrCancerDerived	*	7.57E-08	INHALATION
163 ALL	487202.52	3673565.25	0.000144625	9901 DieselExhPM	7.72E-08	30YrCancerDerived	*	7.72E-08	INHALATION
164 ALL	487223.36	3673565.25	0.000149753	9901 DieselExhPM	7.99E-08	30YrCancerDerived	*	7.99E-08	INHALATION
165 ALL	487244.2	3673565.25	0.00015636	9901 DieselExhPM	8.35E-08	30YrCancerDerived	*	8.35E-08	INHALATION
166 ALL	487265.04	3673565.25	0.000164391	9901 DieselExhPM	8.78E-08	30YrCancerDerived	*	8.78E-08	INHALATION
167 ALL	487285.88	3673565.25	0.000172231	9901 DieselExhPM	9.19E-08	30YrCancerDerived	*	9.19E-08	INHALATION
168 ALL	487306.72	3673565.25	0.000179684	9901 DieselExhPM	9.59E-08	30YrCancerDerived	*	9.59E-08	INHALATION
169 ALL	487327.56	3673565.25	0.000188865	9901 DieselExhPM	0.000000101	30YrCancerDerived	*	0.000000101	INHALATION
170 ALL	487348.4	3673565.25	0.000199803	9901 DieselExhPM	0.000000107	30YrCancerDerived	*	0.000000107	INHALATION
171 ALL	487369.24	3673565.25	0.000215841	9901 DieselExhPM	0.000000115	30YrCancerDerived	*	0.000000115	INHALATION
172 ALL	487390.08	3673565.25	0.000235271	9901 DieselExhPM	0.000000126	30YrCancerDerived	*	0.000000126	INHALATION
173 ALL	487410.92	3673565.25	0.000255036	9901 DieselExhPM	0.000000136	30YrCancerDerived	*	0.000000136	INHALATION

174 ALL	487431.76	3673565.25	0.00025127	9901 DieselExhPM	0.000000134	30YrCancerDerived	*	0.000000134	INHALATION
175 ALL	487452.6	3673565.25	0.000255667	9901 DieselExhPM	0.000000136	30YrCancerDerived	*	0.000000136	INHALATION
176 ALL	487473.44	3673565.25	0.000275072	9901 DieselExhPM	0.000000147	30YrCancerDerived	*	0.000000147	INHALATION
177 ALL	487494.28	3673565.25	0.000324825	9901 DieselExhPM	0.000000173	30YrCancerDerived	*	0.000000173	INHALATION
178 ALL	487515.12	3673565.25	0.000436108	9901 DieselExhPM	0.000000233	30YrCancerDerived	*	0.000000233	INHALATION
179 ALL	487535.96	3673565.25	0.000625103	9901 DieselExhPM	0.000000334	30YrCancerDerived	*	0.000000334	INHALATION
180 ALL	487556.8	3673565.25	0.000873088	9901 DieselExhPM	0.000000466	30YrCancerDerived	*	0.000000466	INHALATION
181 ALL	487577.64	3673565.25	0.001243701	9901 DieselExhPM	0.000000664	30YrCancerDerived	*	0.000000664	INHALATION
182 ALL	487598.48	3673565.25	0.00100009	9901 DieselExhPM	0.000000534	30YrCancerDerived	*	0.000000534	INHALATION
183 ALL	487619.32	3673565.25	0.000523001	9901 DieselExhPM	0.000000279	30YrCancerDerived	*	0.000000279	INHALATION
184 ALL	487640.16	3673565.25	0.000403078	9901 DieselExhPM	0.000000215	30YrCancerDerived	*	0.000000215	INHALATION
185 ALL	487098.32	3673585.13	0.000135983	9901 DieselExhPM	7.26E-08	30YrCancerDerived	*	7.26E-08	INHALATION
186 ALL	487119.16	3673585.13	0.000138185	9901 DieselExhPM	7.38E-08	30YrCancerDerived	*	7.38E-08	INHALATION
187 ALL	487140	3673585.13	0.000140494	9901 DieselExhPM	0.000000075	30YrCancerDerived	*	0.000000075	INHALATION
188 ALL	487160.84	3673585.13	0.000143219	9901 DieselExhPM	7.65E-08	30YrCancerDerived	*	7.65E-08	INHALATION
189 ALL	487181.68	3673585.13	0.000144464	9901 DieselExhPM	7.71E-08	30YrCancerDerived	*	7.71E-08	INHALATION
190 ALL	487202.52	3673585.13	0.000145379	9901 DieselExhPM	7.76E-08	30YrCancerDerived	*	7.76E-08	INHALATION
191 ALL	487223.36	3673585.13	0.000148602	9901 DieselExhPM	7.93E-08	30YrCancerDerived	*	7.93E-08	INHALATION
192 ALL	487244.2	3673585.13	0.000153531	9901 DieselExhPM	0.000000082	30YrCancerDerived	*	0.000000082	INHALATION
193 ALL	487265.04	3673585.13	0.000158835	9901 DieselExhPM	8.48E-08	30YrCancerDerived	*	8.48E-08	INHALATION
194 ALL	487285.88	3673585.13	0.000164825	9901 DieselExhPM	0.000000088	30YrCancerDerived	*	0.000000088	INHALATION
195 ALL	487306.72	3673585.13	0.000172943	9901 DieselExhPM	9.23E-08	30YrCancerDerived	*	9.23E-08	INHALATION
196 ALL	487327.56	3673585.13	0.000180443	9901 DieselExhPM	9.63E-08	30YrCancerDerived	*	9.63E-08	INHALATION
197 ALL	487348.4	3673585.13	0.000191029	9901 DieselExhPM	0.000000102	30YrCancerDerived	*	0.000000102	INHALATION
198 ALL	487369.24	3673585.13	0.000205453	9901 DieselExhPM	0.00000011	30YrCancerDerived	*	0.00000011	INHALATION
199 ALL	487390.08	3673585.13	0.000228977	9901 DieselExhPM	0.000000122	30YrCancerDerived	*	0.000000122	INHALATION
200 ALL	487410.92	3673585.13	0.000240647	9901 DieselExhPM	0.000000128	30YrCancerDerived	*	0.000000128	INHALATION
201 ALL	487431.76	3673585.13	0.000230431	9901 DieselExhPM	0.000000123	30YrCancerDerived	*	0.000000123	INHALATION
202 ALL	487452.6	3673585.13	0.000236546	9901 DieselExhPM	0.000000126	30YrCancerDerived	*	0.000000126	INHALATION
203 ALL	487473.44	3673585.13	0.000252411	9901 DieselExhPM	0.000000135	30YrCancerDerived	*	0.000000135	INHALATION
204 ALL	487494.28	3673585.13	0.000274308	9901 DieselExhPM	0.000000146	30YrCancerDerived	*	0.000000146	INHALATION
205 ALL	487515.12	3673585.13	0.000337953	9901 DieselExhPM	0.00000018	30YrCancerDerived	*	0.00000018	INHALATION
206 ALL	487535.96	3673585.13	0.000444035	9901 DieselExhPM	0.000000237	30YrCancerDerived	*	0.000000237	INHALATION
207 ALL	487556.8	3673585.13	0.000640268	9901 DieselExhPM	0.000000342	30YrCancerDerived	*	0.000000342	INHALATION
208 ALL	487577.64	3673585.13	0.000802591	9901 DieselExhPM	0.000000428	30YrCancerDerived	*	0.000000428	INHALATION

209 ALL	487598.48	3673585.13	0.000525027	9901 DieselExhPM	0.000000028	30YrCancerDerived	*	0.000000028	INHALATION
210 ALL	487619.32	3673585.13	0.00038173	9901 DieselExhPM	0.0000000204	30YrCancerDerived	*	0.0000000204	INHALATION
211 ALL	487098.32	3673605.01	0.000140814	9901 DieselExhPM	7.52E-08	30YrCancerDerived	*	7.52E-08	INHALATION
212 ALL	487119.16	3673605.01	0.00014299	9901 DieselExhPM	7.63E-08	30YrCancerDerived	*	7.63E-08	INHALATION
213 ALL	487140	3673605.01	0.00014514	9901 DieselExhPM	7.75E-08	30YrCancerDerived	*	7.75E-08	INHALATION
214 ALL	487160.84	3673605.01	0.000146662	9901 DieselExhPM	7.83E-08	30YrCancerDerived	*	7.83E-08	INHALATION
215 ALL	487181.68	3673605.01	0.000145352	9901 DieselExhPM	7.76E-08	30YrCancerDerived	*	7.76E-08	INHALATION
216 ALL	487202.52	3673605.01	0.000144823	9901 DieselExhPM	7.73E-08	30YrCancerDerived	*	7.73E-08	INHALATION
217 ALL	487223.36	3673605.01	0.000146589	9901 DieselExhPM	7.83E-08	30YrCancerDerived	*	7.83E-08	INHALATION
218 ALL	487244.2	3673605.01	0.000151222	9901 DieselExhPM	8.07E-08	30YrCancerDerived	*	8.07E-08	INHALATION
219 ALL	487265.04	3673605.01	0.000157033	9901 DieselExhPM	8.38E-08	30YrCancerDerived	*	8.38E-08	INHALATION
220 ALL	487285.88	3673605.01	0.000162361	9901 DieselExhPM	8.67E-08	30YrCancerDerived	*	8.67E-08	INHALATION
221 ALL	487306.72	3673605.01	0.00016819	9901 DieselExhPM	8.98E-08	30YrCancerDerived	*	8.98E-08	INHALATION
222 ALL	487327.56	3673605.01	0.000174592	9901 DieselExhPM	9.32E-08	30YrCancerDerived	*	9.32E-08	INHALATION
223 ALL	487348.4	3673605.01	0.000185486	9901 DieselExhPM	0.0000000099	30YrCancerDerived	*	0.0000000099	INHALATION
224 ALL	487369.24	3673605.01	0.000200329	9901 DieselExhPM	0.0000000107	30YrCancerDerived	*	0.0000000107	INHALATION
225 ALL	487390.08	3673605.01	0.000222891	9901 DieselExhPM	0.0000000119	30YrCancerDerived	*	0.0000000119	INHALATION
226 ALL	487410.92	3673605.01	0.000231608	9901 DieselExhPM	0.0000000124	30YrCancerDerived	*	0.0000000124	INHALATION
227 ALL	487431.76	3673605.01	0.000218062	9901 DieselExhPM	0.0000000116	30YrCancerDerived	*	0.0000000116	INHALATION
228 ALL	487452.6	3673605.01	0.000223043	9901 DieselExhPM	0.0000000119	30YrCancerDerived	*	0.0000000119	INHALATION
229 ALL	487473.44	3673605.01	0.000238984	9901 DieselExhPM	0.0000000128	30YrCancerDerived	*	0.0000000128	INHALATION
230 ALL	487494.28	3673605.01	0.000259657	9901 DieselExhPM	0.0000000139	30YrCancerDerived	*	0.0000000139	INHALATION
231 ALL	487515.12	3673605.01	0.000295992	9901 DieselExhPM	0.0000000158	30YrCancerDerived	*	0.0000000158	INHALATION
232 ALL	487535.96	3673605.01	0.000381666	9901 DieselExhPM	0.0000000204	30YrCancerDerived	*	0.0000000204	INHALATION
233 ALL	487556.8	3673605.01	0.000520057	9901 DieselExhPM	0.0000000278	30YrCancerDerived	*	0.0000000278	INHALATION
234 ALL	487577.64	3673605.01	0.000490715	9901 DieselExhPM	0.0000000262	30YrCancerDerived	*	0.0000000262	INHALATION
235 ALL	487598.48	3673605.01	0.000370072	9901 DieselExhPM	0.0000000198	30YrCancerDerived	*	0.0000000198	INHALATION
236 ALL	487119.16	3673624.89	0.000149555	9901 DieselExhPM	7.98E-08	30YrCancerDerived	*	7.98E-08	INHALATION
237 ALL	487140	3673624.89	0.000148633	9901 DieselExhPM	7.93E-08	30YrCancerDerived	*	7.93E-08	INHALATION
238 ALL	487160.84	3673624.89	0.000148228	9901 DieselExhPM	7.91E-08	30YrCancerDerived	*	7.91E-08	INHALATION
239 ALL	487181.68	3673624.89	0.000147028	9901 DieselExhPM	7.85E-08	30YrCancerDerived	*	7.85E-08	INHALATION
240 ALL	487202.52	3673624.89	0.000145904	9901 DieselExhPM	7.79E-08	30YrCancerDerived	*	7.79E-08	INHALATION
241 ALL	487223.36	3673624.89	0.000146285	9901 DieselExhPM	7.81E-08	30YrCancerDerived	*	7.81E-08	INHALATION
242 ALL	487244.2	3673624.89	0.000149904	9901 DieselExhPM	0.000000008	30YrCancerDerived	*	0.000000008	INHALATION
243 ALL	487265.04	3673624.89	0.000156294	9901 DieselExhPM	8.34E-08	30YrCancerDerived	*	8.34E-08	INHALATION

244	ALL	487285.88	3673624.89	0.000161659	9901 DieselExhPM	8.63E-08	30YrCancerDerived	*	8.63E-08	INHALATION
245	ALL	487306.72	3673624.89	0.000167298	9901 DieselExhPM	8.93E-08	30YrCancerDerived	*	8.93E-08	INHALATION
246	ALL	487327.56	3673624.89	0.000174295	9901 DieselExhPM	0.000000093	30YrCancerDerived	*	0.000000093	INHALATION
247	ALL	487348.4	3673624.89	0.000185266	9901 DieselExhPM	9.89E-08	30YrCancerDerived	*	9.89E-08	INHALATION
248	ALL	487369.24	3673624.89	0.000199689	9901 DieselExhPM	0.000000107	30YrCancerDerived	*	0.000000107	INHALATION
249	ALL	487390.08	3673624.89	0.000220472	9901 DieselExhPM	0.000000118	30YrCancerDerived	*	0.000000118	INHALATION
250	ALL	487410.92	3673624.89	0.000228914	9901 DieselExhPM	0.000000122	30YrCancerDerived	*	0.000000122	INHALATION
251	ALL	487431.76	3673624.89	0.000213683	9901 DieselExhPM	0.000000114	30YrCancerDerived	*	0.000000114	INHALATION
252	ALL	487452.6	3673624.89	0.000216603	9901 DieselExhPM	0.000000116	30YrCancerDerived	*	0.000000116	INHALATION
253	ALL	487473.44	3673624.89	0.000229536	9901 DieselExhPM	0.000000123	30YrCancerDerived	*	0.000000123	INHALATION
254	ALL	487494.28	3673624.89	0.000252332	9901 DieselExhPM	0.000000135	30YrCancerDerived	*	0.000000135	INHALATION
255	ALL	487515.12	3673624.89	0.000287546	9901 DieselExhPM	0.000000154	30YrCancerDerived	*	0.000000154	INHALATION
256	ALL	487535.96	3673624.89	0.00035552	9901 DieselExhPM	0.00000019	30YrCancerDerived	*	0.00000019	INHALATION
257	ALL	487556.8	3673624.89	0.000391509	9901 DieselExhPM	0.000000209	30YrCancerDerived	*	0.000000209	INHALATION
258	ALL	487577.64	3673624.89	0.000342896	9901 DieselExhPM	0.000000183	30YrCancerDerived	*	0.000000183	INHALATION
259	ALL	487119.16	3673644.77	0.000148983	9901 DieselExhPM	7.95E-08	30YrCancerDerived	*	7.95E-08	INHALATION
260	ALL	487140	3673644.77	0.000147056	9901 DieselExhPM	7.85E-08	30YrCancerDerived	*	7.85E-08	INHALATION
261	ALL	487160.84	3673644.77	0.000147516	9901 DieselExhPM	7.88E-08	30YrCancerDerived	*	7.88E-08	INHALATION
262	ALL	487181.68	3673644.77	0.000148001	9901 DieselExhPM	0.000000079	30YrCancerDerived	*	0.000000079	INHALATION
263	ALL	487202.52	3673644.77	0.000147709	9901 DieselExhPM	7.89E-08	30YrCancerDerived	*	7.89E-08	INHALATION
264	ALL	487223.36	3673644.77	0.000147898	9901 DieselExhPM	0.000000079	30YrCancerDerived	*	0.000000079	INHALATION
265	ALL	487244.2	3673644.77	0.00015061	9901 DieselExhPM	8.04E-08	30YrCancerDerived	*	8.04E-08	INHALATION
266	ALL	487265.04	3673644.77	0.000156348	9901 DieselExhPM	8.35E-08	30YrCancerDerived	*	8.35E-08	INHALATION
267	ALL	487285.88	3673644.77	0.000162282	9901 DieselExhPM	8.66E-08	30YrCancerDerived	*	8.66E-08	INHALATION
268	ALL	487306.72	3673644.77	0.00016844	9901 DieselExhPM	8.99E-08	30YrCancerDerived	*	8.99E-08	INHALATION
269	ALL	487327.56	3673644.77	0.000175254	9901 DieselExhPM	9.36E-08	30YrCancerDerived	*	9.36E-08	INHALATION
270	ALL	487348.4	3673644.77	0.000184401	9901 DieselExhPM	9.84E-08	30YrCancerDerived	*	9.84E-08	INHALATION
271	ALL	487369.24	3673644.77	0.000195984	9901 DieselExhPM	0.000000105	30YrCancerDerived	*	0.000000105	INHALATION
272	ALL	487390.08	3673644.77	0.000214235	9901 DieselExhPM	0.000000114	30YrCancerDerived	*	0.000000114	INHALATION
273	ALL	487410.92	3673644.77	0.000227482	9901 DieselExhPM	0.000000121	30YrCancerDerived	*	0.000000121	INHALATION
274	ALL	487431.76	3673644.77	0.000215437	9901 DieselExhPM	0.000000115	30YrCancerDerived	*	0.000000115	INHALATION
275	ALL	487452.6	3673644.77	0.000212256	9901 DieselExhPM	0.000000113	30YrCancerDerived	*	0.000000113	INHALATION
276	ALL	487473.44	3673644.77	0.000223376	9901 DieselExhPM	0.000000119	30YrCancerDerived	*	0.000000119	INHALATION
277	ALL	487494.28	3673644.77	0.000249972	9901 DieselExhPM	0.000000133	30YrCancerDerived	*	0.000000133	INHALATION
278	ALL	487515.12	3673644.77	0.000287652	9901 DieselExhPM	0.000000154	30YrCancerDerived	*	0.000000154	INHALATION

279 ALL	487535.96	3673644.77	0.000326655	9901 DieselExhPM	0.000000174	30YrCancerDerived	*	0.000000174	INHALATION
280 ALL	487556.8	3673644.77	0.000319882	9901 DieselExhPM	0.000000171	30YrCancerDerived	*	0.000000171	INHALATION
281 ALL	487160.84	3673664.65	0.000145282	9901 DieselExhPM	7.76E-08	30YrCancerDerived	*	7.76E-08	INHALATION
282 ALL	487181.68	3673664.65	0.000146641	9901 DieselExhPM	7.83E-08	30YrCancerDerived	*	7.83E-08	INHALATION
283 ALL	487202.52	3673664.65	0.000147305	9901 DieselExhPM	7.86E-08	30YrCancerDerived	*	7.86E-08	INHALATION
284 ALL	487223.36	3673664.65	0.000148669	9901 DieselExhPM	7.94E-08	30YrCancerDerived	*	7.94E-08	INHALATION
285 ALL	487244.2	3673664.65	0.000151533	9901 DieselExhPM	8.09E-08	30YrCancerDerived	*	8.09E-08	INHALATION
286 ALL	487327.56	3673664.65	0.00017883	9901 DieselExhPM	9.55E-08	30YrCancerDerived	*	9.55E-08	INHALATION
287 ALL	487348.4	3673664.65	0.000187973	9901 DieselExhPM	0.0000001	30YrCancerDerived	*	0.0000001	INHALATION
288 ALL	487369.24	3673664.65	0.000196716	9901 DieselExhPM	0.000000105	30YrCancerDerived	*	0.000000105	INHALATION
289 ALL	487390.08	3673664.65	0.000213116	9901 DieselExhPM	0.000000114	30YrCancerDerived	*	0.000000114	INHALATION
290 ALL	487410.92	3673664.65	0.000228554	9901 DieselExhPM	0.000000122	30YrCancerDerived	*	0.000000122	INHALATION
291 ALL	487431.76	3673664.65	0.000217695	9901 DieselExhPM	0.000000116	30YrCancerDerived	*	0.000000116	INHALATION
292 ALL	487452.6	3673664.65	0.000212193	9901 DieselExhPM	0.000000113	30YrCancerDerived	*	0.000000113	INHALATION
293 ALL	487473.44	3673664.65	0.000222407	9901 DieselExhPM	0.000000119	30YrCancerDerived	*	0.000000119	INHALATION
294 ALL	487494.28	3673664.65	0.000254393	9901 DieselExhPM	0.000000136	30YrCancerDerived	*	0.000000136	INHALATION
295 ALL	487515.12	3673664.65	0.000286249	9901 DieselExhPM	0.000000153	30YrCancerDerived	*	0.000000153	INHALATION
296 ALL	487535.96	3673664.65	0.000294009	9901 DieselExhPM	0.000000157	30YrCancerDerived	*	0.000000157	INHALATION
297 ALL	487348.4	3673684.53	0.000193557	9901 DieselExhPM	0.000000103	30YrCancerDerived	*	0.000000103	INHALATION
298 ALL	487369.24	3673684.53	0.000202698	9901 DieselExhPM	0.000000108	30YrCancerDerived	*	0.000000108	INHALATION
299 ALL	487390.08	3673684.53	0.000217384	9901 DieselExhPM	0.000000116	30YrCancerDerived	*	0.000000116	INHALATION
300 ALL	487410.92	3673684.53	0.000224412	9901 DieselExhPM	0.00000012	30YrCancerDerived	*	0.00000012	INHALATION
301 ALL	487431.76	3673684.53	0.000218259	9901 DieselExhPM	0.000000117	30YrCancerDerived	*	0.000000117	INHALATION
302 ALL	487452.6	3673684.53	0.000215302	9901 DieselExhPM	0.000000115	30YrCancerDerived	*	0.000000115	INHALATION
303 ALL	487473.44	3673684.53	0.000231444	9901 DieselExhPM	0.000000124	30YrCancerDerived	*	0.000000124	INHALATION
304 ALL	487494.28	3673684.53	0.000262008	9901 DieselExhPM	0.00000014	30YrCancerDerived	*	0.00000014	INHALATION
305 ALL	487515.12	3673684.53	0.000274776	9901 DieselExhPM	0.000000147	30YrCancerDerived	*	0.000000147	INHALATION
306 ALL	487390.08	3673704.41	0.000215551	9901 DieselExhPM	0.000000115	30YrCancerDerived	*	0.000000115	INHALATION
307 ALL	487410.92	3673704.41	0.000218962	9901 DieselExhPM	0.000000117	30YrCancerDerived	*	0.000000117	INHALATION
308 ALL	487431.76	3673704.41	0.000214641	9901 DieselExhPM	0.000000115	30YrCancerDerived	*	0.000000115	INHALATION
309 ALL	487452.6	3673704.41	0.000218776	9901 DieselExhPM	0.000000117	30YrCancerDerived	*	0.000000117	INHALATION
310 ALL	487473.44	3673704.41	0.000239157	9901 DieselExhPM	0.000000128	30YrCancerDerived	*	0.000000128	INHALATION
311 ALL	487494.28	3673704.41	0.000258025	9901 DieselExhPM	0.000000138	30YrCancerDerived	*	0.000000138	INHALATION
312 ALL	487390.08	3673724.29	0.000212408	9901 DieselExhPM	0.000000113	30YrCancerDerived	*	0.000000113	INHALATION
313 ALL	487410.92	3673724.29	0.000215368	9901 DieselExhPM	0.000000115	30YrCancerDerived	*	0.000000115	INHALATION

314	ALL	487431.76	3673724.29	0.000215157	9901 DieselExhPM	0.000000115	30YrCancerDerived	*	0.000000115	INHALATION
315	ALL	487452.6	3673724.29	0.000222706	9901 DieselExhPM	0.000000119	30YrCancerDerived	*	0.000000119	INHALATION
316	ALL	487473.44	3673724.29	0.00024096	9901 DieselExhPM	0.000000129	30YrCancerDerived	*	0.000000129	INHALATION
317	ALL	487410.92	3673744.17	0.000214549	9901 DieselExhPM	0.000000115	30YrCancerDerived	*	0.000000115	INHALATION
318	ALL	487431.76	3673744.17	0.000217742	9901 DieselExhPM	0.000000116	30YrCancerDerived	*	0.000000116	INHALATION
319	ALL	487452.6	3673744.17	0.000226292	9901 DieselExhPM	0.000000121	30YrCancerDerived	*	0.000000121	INHALATION
320	ALL	487473.44	3673744.17	0.000237019	9901 DieselExhPM	0.000000127	30YrCancerDerived	*	0.000000127	INHALATION
321	ALL	487410.92	3673764.05	0.000214662	9901 DieselExhPM	0.000000115	30YrCancerDerived	*	0.000000115	INHALATION
322	ALL	487431.76	3673764.05	0.000218424	9901 DieselExhPM	0.000000117	30YrCancerDerived	*	0.000000117	INHALATION
323	ALL	487452.6	3673764.05	0.000228133	9901 DieselExhPM	0.000000122	30YrCancerDerived	*	0.000000122	INHALATION
324	ALL	487431.76	3673783.93	0.000218572	9901 DieselExhPM	0.000000117	30YrCancerDerived	*	0.000000117	INHALATION
325	ALL	487452.6	3673783.93	0.000227561	9901 DieselExhPM	0.000000121	30YrCancerDerived	*	0.000000121	INHALATION
326	ALL	487014.96	3674221.29	0.000174849	9901 DieselExhPM	9.33E-08	30YrCancerDerived	*	9.33E-08	INHALATION
327	ALL	487035.8	3674221.29	0.00017681	9901 DieselExhPM	9.44E-08	30YrCancerDerived	*	9.44E-08	INHALATION
328	ALL	487056.64	3674221.29	0.000179591	9901 DieselExhPM	9.59E-08	30YrCancerDerived	*	9.59E-08	INHALATION
329	ALL	487077.48	3674221.29	0.000182152	9901 DieselExhPM	9.72E-08	30YrCancerDerived	*	9.72E-08	INHALATION
330	ALL	487098.32	3674221.29	0.000184919	9901 DieselExhPM	9.87E-08	30YrCancerDerived	*	9.87E-08	INHALATION
331	ALL	487119.16	3674221.29	0.000189112	9901 DieselExhPM	0.000000101	30YrCancerDerived	*	0.000000101	INHALATION
332	ALL	487140	3674221.29	0.000195074	9901 DieselExhPM	0.000000104	30YrCancerDerived	*	0.000000104	INHALATION
333	ALL	487160.84	3674221.29	0.000201197	9901 DieselExhPM	0.000000107	30YrCancerDerived	*	0.000000107	INHALATION
334	ALL	487181.68	3674221.29	0.000207736	9901 DieselExhPM	0.000000111	30YrCancerDerived	*	0.000000111	INHALATION
335	ALL	486973.28	3674241.17	0.000171702	9901 DieselExhPM	9.17E-08	30YrCancerDerived	*	9.17E-08	INHALATION
336	ALL	486994.12	3674241.17	0.000171062	9901 DieselExhPM	9.13E-08	30YrCancerDerived	*	9.13E-08	INHALATION
337	ALL	487014.96	3674241.17	0.000173919	9901 DieselExhPM	9.28E-08	30YrCancerDerived	*	9.28E-08	INHALATION
338	ALL	487035.8	3674241.17	0.000177701	9901 DieselExhPM	9.49E-08	30YrCancerDerived	*	9.49E-08	INHALATION
339	ALL	487056.64	3674241.17	0.00018111	9901 DieselExhPM	9.67E-08	30YrCancerDerived	*	9.67E-08	INHALATION
340	ALL	487077.48	3674241.17	0.00018339	9901 DieselExhPM	9.79E-08	30YrCancerDerived	*	9.79E-08	INHALATION
341	ALL	487098.32	3674241.17	0.000186796	9901 DieselExhPM	9.97E-08	30YrCancerDerived	*	9.97E-08	INHALATION
342	ALL	487119.16	3674241.17	0.000192038	9901 DieselExhPM	0.000000103	30YrCancerDerived	*	0.000000103	INHALATION
343	ALL	487140	3674241.17	0.000199273	9901 DieselExhPM	0.000000106	30YrCancerDerived	*	0.000000106	INHALATION
344	ALL	487160.84	3674241.17	0.000206526	9901 DieselExhPM	0.00000011	30YrCancerDerived	*	0.00000011	INHALATION
345	ALL	487181.68	3674241.17	0.000215228	9901 DieselExhPM	0.000000115	30YrCancerDerived	*	0.000000115	INHALATION
346	ALL	486952.44	3674261.05	0.000171346	9901 DieselExhPM	9.15E-08	30YrCancerDerived	*	9.15E-08	INHALATION
347	ALL	486973.28	3674261.05	0.000169352	9901 DieselExhPM	9.04E-08	30YrCancerDerived	*	9.04E-08	INHALATION
348	ALL	486994.12	3674261.05	0.000170076	9901 DieselExhPM	9.08E-08	30YrCancerDerived	*	9.08E-08	INHALATION

349	ALL	487014.96	3674261.05	0.000173569	9901 DieselExhPM	9.27E-08	30YrCancerDerived	*	9.27E-08	INHALATION
350	ALL	487035.8	3674261.05	0.000177582	9901 DieselExhPM	9.48E-08	30YrCancerDerived	*	9.48E-08	INHALATION
351	ALL	487056.64	3674261.05	0.000180885	9901 DieselExhPM	9.66E-08	30YrCancerDerived	*	9.66E-08	INHALATION
352	ALL	487077.48	3674261.05	0.000183943	9901 DieselExhPM	9.82E-08	30YrCancerDerived	*	9.82E-08	INHALATION
353	ALL	487098.32	3674261.05	0.000188271	9901 DieselExhPM	0.000000101	30YrCancerDerived	*	0.000000101	INHALATION
354	ALL	487119.16	3674261.05	0.000194465	9901 DieselExhPM	0.000000104	30YrCancerDerived	*	0.000000104	INHALATION
355	ALL	487140	3674261.05	0.000201916	9901 DieselExhPM	0.000000108	30YrCancerDerived	*	0.000000108	INHALATION
356	ALL	487160.84	3674261.05	0.00020997	9901 DieselExhPM	0.000000112	30YrCancerDerived	*	0.000000112	INHALATION
357	ALL	487181.68	3674261.05	0.000220859	9901 DieselExhPM	0.000000118	30YrCancerDerived	*	0.000000118	INHALATION
358	ALL	486931.6	3674280.93	0.000174786	9901 DieselExhPM	9.33E-08	30YrCancerDerived	*	9.33E-08	INHALATION
359	ALL	486952.44	3674280.93	0.000170044	9901 DieselExhPM	9.08E-08	30YrCancerDerived	*	9.08E-08	INHALATION
360	ALL	486973.28	3674280.93	0.000168431	9901 DieselExhPM	8.99E-08	30YrCancerDerived	*	8.99E-08	INHALATION
361	ALL	486994.12	3674280.93	0.000170254	9901 DieselExhPM	9.09E-08	30YrCancerDerived	*	9.09E-08	INHALATION
362	ALL	487014.96	3674280.93	0.000173952	9901 DieselExhPM	9.29E-08	30YrCancerDerived	*	9.29E-08	INHALATION
363	ALL	487035.8	3674280.93	0.000177958	9901 DieselExhPM	0.000000095	30YrCancerDerived	*	0.000000095	INHALATION
364	ALL	487056.64	3674280.93	0.000180988	9901 DieselExhPM	9.66E-08	30YrCancerDerived	*	9.66E-08	INHALATION
365	ALL	487077.48	3674280.93	0.000184168	9901 DieselExhPM	9.83E-08	30YrCancerDerived	*	9.83E-08	INHALATION
366	ALL	487098.32	3674280.93	0.00019113	9901 DieselExhPM	0.000000102	30YrCancerDerived	*	0.000000102	INHALATION
367	ALL	487119.16	3674280.93	0.000198577	9901 DieselExhPM	0.000000106	30YrCancerDerived	*	0.000000106	INHALATION
368	ALL	487140	3674280.93	0.000205119	9901 DieselExhPM	0.00000011	30YrCancerDerived	*	0.00000011	INHALATION
369	ALL	487160.84	3674280.93	0.000213534	9901 DieselExhPM	0.000000114	30YrCancerDerived	*	0.000000114	INHALATION
370	ALL	487181.68	3674280.93	0.000226944	9901 DieselExhPM	0.000000121	30YrCancerDerived	*	0.000000121	INHALATION
371	ALL	486889.92	3674300.81	0.000195882	9901 DieselExhPM	0.000000105	30YrCancerDerived	*	0.000000105	INHALATION
372	ALL	486910.76	3674300.81	0.000183397	9901 DieselExhPM	9.79E-08	30YrCancerDerived	*	9.79E-08	INHALATION
373	ALL	486931.6	3674300.81	0.000172936	9901 DieselExhPM	9.23E-08	30YrCancerDerived	*	9.23E-08	INHALATION
374	ALL	486952.44	3674300.81	0.000170197	9901 DieselExhPM	9.09E-08	30YrCancerDerived	*	9.09E-08	INHALATION
375	ALL	486973.28	3674300.81	0.000169448	9901 DieselExhPM	9.05E-08	30YrCancerDerived	*	9.05E-08	INHALATION
376	ALL	486994.12	3674300.81	0.00017178	9901 DieselExhPM	9.17E-08	30YrCancerDerived	*	9.17E-08	INHALATION
377	ALL	487014.96	3674300.81	0.000175293	9901 DieselExhPM	9.36E-08	30YrCancerDerived	*	9.36E-08	INHALATION
378	ALL	487035.8	3674300.81	0.000178799	9901 DieselExhPM	9.55E-08	30YrCancerDerived	*	9.55E-08	INHALATION
379	ALL	487056.64	3674300.81	0.000181837	9901 DieselExhPM	9.71E-08	30YrCancerDerived	*	9.71E-08	INHALATION
380	ALL	487077.48	3674300.81	0.000186262	9901 DieselExhPM	9.94E-08	30YrCancerDerived	*	9.94E-08	INHALATION
381	ALL	487098.32	3674300.81	0.00019544	9901 DieselExhPM	0.000000104	30YrCancerDerived	*	0.000000104	INHALATION
382	ALL	487119.16	3674300.81	0.000203842	9901 DieselExhPM	0.000000109	30YrCancerDerived	*	0.000000109	INHALATION
383	ALL	487140	3674300.81	0.000210682	9901 DieselExhPM	0.000000112	30YrCancerDerived	*	0.000000112	INHALATION

384 ALL	487160.84	3674300.81	0.00021944	9901 DieselExhPM	0.000000117	30YrCancerDerived	*	0.000000117	INHALATION
385 ALL	487181.68	3674300.81	0.000233943	9901 DieselExhPM	0.000000125	30YrCancerDerived	*	0.000000125	INHALATION
386 ALL	486869.08	3674320.69	0.000218042	9901 DieselExhPM	0.000000116	30YrCancerDerived	*	0.000000116	INHALATION
387 ALL	486889.92	3674320.69	0.000199161	9901 DieselExhPM	0.000000106	30YrCancerDerived	*	0.000000106	INHALATION
388 ALL	486910.76	3674320.69	0.000184073	9901 DieselExhPM	9.83E-08	30YrCancerDerived	*	9.83E-08	INHALATION
389 ALL	486931.6	3674320.69	0.000173706	9901 DieselExhPM	9.27E-08	30YrCancerDerived	*	9.27E-08	INHALATION
390 ALL	486952.44	3674320.69	0.000171765	9901 DieselExhPM	9.17E-08	30YrCancerDerived	*	9.17E-08	INHALATION
391 ALL	486973.28	3674320.69	0.000171845	9901 DieselExhPM	9.17E-08	30YrCancerDerived	*	9.17E-08	INHALATION
392 ALL	486994.12	3674320.69	0.000174072	9901 DieselExhPM	9.29E-08	30YrCancerDerived	*	9.29E-08	INHALATION
393 ALL	487014.96	3674320.69	0.000178546	9901 DieselExhPM	9.53E-08	30YrCancerDerived	*	9.53E-08	INHALATION
394 ALL	487035.8	3674320.69	0.000182246	9901 DieselExhPM	9.73E-08	30YrCancerDerived	*	9.73E-08	INHALATION
395 ALL	487056.64	3674320.69	0.000184674	9901 DieselExhPM	9.86E-08	30YrCancerDerived	*	9.86E-08	INHALATION
396 ALL	487077.48	3674320.69	0.000190767	9901 DieselExhPM	0.000000102	30YrCancerDerived	*	0.000000102	INHALATION
397 ALL	487098.32	3674320.69	0.000200015	9901 DieselExhPM	0.000000107	30YrCancerDerived	*	0.000000107	INHALATION
398 ALL	487119.16	3674320.69	0.000208451	9901 DieselExhPM	0.000000111	30YrCancerDerived	*	0.000000111	INHALATION
399 ALL	487140	3674320.69	0.000217422	9901 DieselExhPM	0.000000116	30YrCancerDerived	*	0.000000116	INHALATION
400 ALL	487160.84	3674320.69	0.000227091	9901 DieselExhPM	0.000000121	30YrCancerDerived	*	0.000000121	INHALATION
401 ALL	487181.68	3674320.69	0.000240733	9901 DieselExhPM	0.000000129	30YrCancerDerived	*	0.000000129	INHALATION
402 ALL	486848.24	3674340.57	0.000267537	9901 DieselExhPM	0.000000143	30YrCancerDerived	*	0.000000143	INHALATION
403 ALL	486869.08	3674340.57	0.00023033	9901 DieselExhPM	0.000000123	30YrCancerDerived	*	0.000000123	INHALATION
404 ALL	486889.92	3674340.57	0.000206407	9901 DieselExhPM	0.00000011	30YrCancerDerived	*	0.00000011	INHALATION
405 ALL	486910.76	3674340.57	0.000189276	9901 DieselExhPM	0.000000101	30YrCancerDerived	*	0.000000101	INHALATION
406 ALL	486931.6	3674340.57	0.000177101	9901 DieselExhPM	9.45E-08	30YrCancerDerived	*	9.45E-08	INHALATION
407 ALL	486952.44	3674340.57	0.000174789	9901 DieselExhPM	9.33E-08	30YrCancerDerived	*	9.33E-08	INHALATION
408 ALL	486973.28	3674340.57	0.000176135	9901 DieselExhPM	0.000000094	30YrCancerDerived	*	0.000000094	INHALATION
409 ALL	486994.12	3674340.57	0.000179792	9901 DieselExhPM	0.000000096	30YrCancerDerived	*	0.000000096	INHALATION
410 ALL	487014.96	3674340.57	0.00018411	9901 DieselExhPM	9.83E-08	30YrCancerDerived	*	9.83E-08	INHALATION
411 ALL	487035.8	3674340.57	0.000186388	9901 DieselExhPM	9.95E-08	30YrCancerDerived	*	9.95E-08	INHALATION
412 ALL	487056.64	3674340.57	0.000189224	9901 DieselExhPM	0.000000101	30YrCancerDerived	*	0.000000101	INHALATION
413 ALL	487077.48	3674340.57	0.000195301	9901 DieselExhPM	0.000000104	30YrCancerDerived	*	0.000000104	INHALATION
414 ALL	487098.32	3674340.57	0.000204247	9901 DieselExhPM	0.000000109	30YrCancerDerived	*	0.000000109	INHALATION
415 ALL	487119.16	3674340.57	0.000212573	9901 DieselExhPM	0.000000113	30YrCancerDerived	*	0.000000113	INHALATION
416 ALL	487140	3674340.57	0.00022297	9901 DieselExhPM	0.000000119	30YrCancerDerived	*	0.000000119	INHALATION
417 ALL	487160.84	3674340.57	0.000235628	9901 DieselExhPM	0.000000126	30YrCancerDerived	*	0.000000126	INHALATION
418 ALL	487181.68	3674340.57	0.000251187	9901 DieselExhPM	0.000000134	30YrCancerDerived	*	0.000000134	INHALATION

419 ALL	486806.56	3674360.45	0.000361764	9901 DieselExhPM	0.000000193	30YrCancerDerived	*	0.000000193	INHALATION
420 ALL	486827.4	3674360.45	0.000310309	9901 DieselExhPM	0.000000166	30YrCancerDerived	*	0.000000166	INHALATION
421 ALL	486848.24	3674360.45	0.000271419	9901 DieselExhPM	0.000000145	30YrCancerDerived	*	0.000000145	INHALATION
422 ALL	486869.08	3674360.45	0.000241153	9901 DieselExhPM	0.000000129	30YrCancerDerived	*	0.000000129	INHALATION
423 ALL	486889.92	3674360.45	0.000216534	9901 DieselExhPM	0.000000116	30YrCancerDerived	*	0.000000116	INHALATION
424 ALL	486910.76	3674360.45	0.000198164	9901 DieselExhPM	0.000000106	30YrCancerDerived	*	0.000000106	INHALATION
425 ALL	486931.6	3674360.45	0.000185829	9901 DieselExhPM	9.92E-08	30YrCancerDerived	*	9.92E-08	INHALATION
426 ALL	486952.44	3674360.45	0.000181038	9901 DieselExhPM	9.66E-08	30YrCancerDerived	*	9.66E-08	INHALATION
427 ALL	486973.28	3674360.45	0.000182678	9901 DieselExhPM	9.75E-08	30YrCancerDerived	*	9.75E-08	INHALATION
428 ALL	486994.12	3674360.45	0.000186319	9901 DieselExhPM	9.95E-08	30YrCancerDerived	*	9.95E-08	INHALATION
429 ALL	487014.96	3674360.45	0.000189211	9901 DieselExhPM	0.000000101	30YrCancerDerived	*	0.000000101	INHALATION
430 ALL	487035.8	3674360.45	0.000190846	9901 DieselExhPM	0.000000102	30YrCancerDerived	*	0.000000102	INHALATION
431 ALL	487056.64	3674360.45	0.000193854	9901 DieselExhPM	0.000000103	30YrCancerDerived	*	0.000000103	INHALATION
432 ALL	487077.48	3674360.45	0.00019999	9901 DieselExhPM	0.000000107	30YrCancerDerived	*	0.000000107	INHALATION
433 ALL	487098.32	3674360.45	0.000208058	9901 DieselExhPM	0.000000111	30YrCancerDerived	*	0.000000111	INHALATION
434 ALL	487119.16	3674360.45	0.000216207	9901 DieselExhPM	0.000000115	30YrCancerDerived	*	0.000000115	INHALATION
435 ALL	487140	3674360.45	0.000226111	9901 DieselExhPM	0.000000121	30YrCancerDerived	*	0.000000121	INHALATION
436 ALL	487160.84	3674360.45	0.000241647	9901 DieselExhPM	0.000000129	30YrCancerDerived	*	0.000000129	INHALATION
437 ALL	487181.68	3674360.45	0.000260739	9901 DieselExhPM	0.000000139	30YrCancerDerived	*	0.000000139	INHALATION
438 ALL	486785.72	3674380.33	0.000320215	9901 DieselExhPM	0.000000171	30YrCancerDerived	*	0.000000171	INHALATION
439 ALL	486806.56	3674380.33	0.000317558	9901 DieselExhPM	0.00000017	30YrCancerDerived	*	0.00000017	INHALATION
440 ALL	486827.4	3674380.33	0.000291401	9901 DieselExhPM	0.000000156	30YrCancerDerived	*	0.000000156	INHALATION
441 ALL	486848.24	3674380.33	0.000267659	9901 DieselExhPM	0.000000143	30YrCancerDerived	*	0.000000143	INHALATION
442 ALL	486869.08	3674380.33	0.000247747	9901 DieselExhPM	0.000000132	30YrCancerDerived	*	0.000000132	INHALATION
443 ALL	486889.92	3674380.33	0.000227495	9901 DieselExhPM	0.000000121	30YrCancerDerived	*	0.000000121	INHALATION
444 ALL	486910.76	3674380.33	0.000207867	9901 DieselExhPM	0.000000111	30YrCancerDerived	*	0.000000111	INHALATION
445 ALL	486931.6	3674380.33	0.000197979	9901 DieselExhPM	0.000000106	30YrCancerDerived	*	0.000000106	INHALATION
446 ALL	486952.44	3674380.33	0.000191652	9901 DieselExhPM	0.000000102	30YrCancerDerived	*	0.000000102	INHALATION
447 ALL	486973.28	3674380.33	0.00019061	9901 DieselExhPM	0.000000102	30YrCancerDerived	*	0.000000102	INHALATION
448 ALL	486994.12	3674380.33	0.000192808	9901 DieselExhPM	0.000000103	30YrCancerDerived	*	0.000000103	INHALATION
449 ALL	487014.96	3674380.33	0.000193808	9901 DieselExhPM	0.000000103	30YrCancerDerived	*	0.000000103	INHALATION
450 ALL	487035.8	3674380.33	0.000194966	9901 DieselExhPM	0.000000104	30YrCancerDerived	*	0.000000104	INHALATION
451 ALL	487056.64	3674380.33	0.000199056	9901 DieselExhPM	0.000000106	30YrCancerDerived	*	0.000000106	INHALATION
452 ALL	487077.48	3674380.33	0.00020538	9901 DieselExhPM	0.00000011	30YrCancerDerived	*	0.00000011	INHALATION
453 ALL	487098.32	3674380.33	0.000212562	9901 DieselExhPM	0.000000113	30YrCancerDerived	*	0.000000113	INHALATION

454 ALL	487119.16	3674380.33	0.000220791	9901 DieselExhPM	0.000000118	30YrCancerDerived	*	0.000000118	INHALATION
455 ALL	487140	3674380.33	0.00023038	9901 DieselExhPM	0.000000123	30YrCancerDerived	*	0.000000123	INHALATION
456 ALL	487160.84	3674380.33	0.000244001	9901 DieselExhPM	0.00000013	30YrCancerDerived	*	0.00000013	INHALATION
457 ALL	487181.68	3674380.33	0.000263558	9901 DieselExhPM	0.000000141	30YrCancerDerived	*	0.000000141	INHALATION
458 ALL	486702.36	3674400.21	0.00018815	9901 DieselExhPM	0.0000001	30YrCancerDerived	*	0.0000001	INHALATION
459 ALL	486723.2	3674400.21	0.000204356	9901 DieselExhPM	0.000000109	30YrCancerDerived	*	0.000000109	INHALATION
460 ALL	486744.04	3674400.21	0.000234028	9901 DieselExhPM	0.000000125	30YrCancerDerived	*	0.000000125	INHALATION
461 ALL	486764.88	3674400.21	0.000281183	9901 DieselExhPM	0.00000015	30YrCancerDerived	*	0.00000015	INHALATION
462 ALL	486785.72	3674400.21	0.000306682	9901 DieselExhPM	0.000000164	30YrCancerDerived	*	0.000000164	INHALATION
463 ALL	486806.56	3674400.21	0.000284855	9901 DieselExhPM	0.000000152	30YrCancerDerived	*	0.000000152	INHALATION
464 ALL	486827.4	3674400.21	0.000267376	9901 DieselExhPM	0.000000143	30YrCancerDerived	*	0.000000143	INHALATION
465 ALL	486848.24	3674400.21	0.00026334	9901 DieselExhPM	0.000000141	30YrCancerDerived	*	0.000000141	INHALATION
466 ALL	486869.08	3674400.21	0.000255052	9901 DieselExhPM	0.000000136	30YrCancerDerived	*	0.000000136	INHALATION
467 ALL	486889.92	3674400.21	0.000234532	9901 DieselExhPM	0.000000125	30YrCancerDerived	*	0.000000125	INHALATION
468 ALL	486910.76	3674400.21	0.000216953	9901 DieselExhPM	0.000000116	30YrCancerDerived	*	0.000000116	INHALATION
469 ALL	486931.6	3674400.21	0.00020951	9901 DieselExhPM	0.000000112	30YrCancerDerived	*	0.000000112	INHALATION
470 ALL	486952.44	3674400.21	0.000204331	9901 DieselExhPM	0.000000109	30YrCancerDerived	*	0.000000109	INHALATION
471 ALL	486973.28	3674400.21	0.00020108	9901 DieselExhPM	0.000000107	30YrCancerDerived	*	0.000000107	INHALATION
472 ALL	486994.12	3674400.21	0.000200089	9901 DieselExhPM	0.000000107	30YrCancerDerived	*	0.000000107	INHALATION
473 ALL	487014.96	3674400.21	0.000198696	9901 DieselExhPM	0.000000106	30YrCancerDerived	*	0.000000106	INHALATION
474 ALL	487035.8	3674400.21	0.000200182	9901 DieselExhPM	0.000000107	30YrCancerDerived	*	0.000000107	INHALATION
475 ALL	487056.64	3674400.21	0.000204514	9901 DieselExhPM	0.000000109	30YrCancerDerived	*	0.000000109	INHALATION
476 ALL	487077.48	3674400.21	0.000210368	9901 DieselExhPM	0.000000112	30YrCancerDerived	*	0.000000112	INHALATION
477 ALL	487098.32	3674400.21	0.000217874	9901 DieselExhPM	0.000000116	30YrCancerDerived	*	0.000000116	INHALATION
478 ALL	487119.16	3674400.21	0.000226602	9901 DieselExhPM	0.000000121	30YrCancerDerived	*	0.000000121	INHALATION
479 ALL	487140	3674400.21	0.000237164	9901 DieselExhPM	0.000000127	30YrCancerDerived	*	0.000000127	INHALATION
480 ALL	487160.84	3674400.21	0.000250626	9901 DieselExhPM	0.000000134	30YrCancerDerived	*	0.000000134	INHALATION
481 ALL	487181.68	3674400.21	0.00026815	9901 DieselExhPM	0.000000143	30YrCancerDerived	*	0.000000143	INHALATION
482 ALL	486619	3674420.09	0.000147231	9901 DieselExhPM	7.86E-08	30YrCancerDerived	*	7.86E-08	INHALATION
483 ALL	486639.84	3674420.09	0.000156282	9901 DieselExhPM	8.34E-08	30YrCancerDerived	*	8.34E-08	INHALATION
484 ALL	486660.68	3674420.09	0.000165999	9901 DieselExhPM	8.86E-08	30YrCancerDerived	*	8.86E-08	INHALATION
485 ALL	486681.52	3674420.09	0.000177164	9901 DieselExhPM	9.46E-08	30YrCancerDerived	*	9.46E-08	INHALATION
486 ALL	486702.36	3674420.09	0.000192684	9901 DieselExhPM	0.000000103	30YrCancerDerived	*	0.000000103	INHALATION
487 ALL	486723.2	3674420.09	0.000210868	9901 DieselExhPM	0.000000113	30YrCancerDerived	*	0.000000113	INHALATION
488 ALL	486744.04	3674420.09	0.000239687	9901 DieselExhPM	0.000000128	30YrCancerDerived	*	0.000000128	INHALATION

489 ALL	486764.88	3674420.09	0.000283661	9901 DieselExhPM	0.000000151	30YrCancerDerived	*	0.000000151	INHALATION
490 ALL	486785.72	3674420.09	0.000302559	9901 DieselExhPM	0.000000162	30YrCancerDerived	*	0.000000162	INHALATION
491 ALL	486806.56	3674420.09	0.00027532	9901 DieselExhPM	0.000000147	30YrCancerDerived	*	0.000000147	INHALATION
492 ALL	486827.4	3674420.09	0.000248874	9901 DieselExhPM	0.000000133	30YrCancerDerived	*	0.000000133	INHALATION
493 ALL	486848.24	3674420.09	0.000246411	9901 DieselExhPM	0.000000132	30YrCancerDerived	*	0.000000132	INHALATION
494 ALL	486869.08	3674420.09	0.000252025	9901 DieselExhPM	0.000000135	30YrCancerDerived	*	0.000000135	INHALATION
495 ALL	486889.92	3674420.09	0.000240997	9901 DieselExhPM	0.000000129	30YrCancerDerived	*	0.000000129	INHALATION
496 ALL	486910.76	3674420.09	0.000224781	9901 DieselExhPM	0.00000012	30YrCancerDerived	*	0.00000012	INHALATION
497 ALL	486931.6	3674420.09	0.000218557	9901 DieselExhPM	0.000000117	30YrCancerDerived	*	0.000000117	INHALATION
498 ALL	486952.44	3674420.09	0.000215242	9901 DieselExhPM	0.000000115	30YrCancerDerived	*	0.000000115	INHALATION
499 ALL	486973.28	3674420.09	0.000211835	9901 DieselExhPM	0.000000113	30YrCancerDerived	*	0.000000113	INHALATION
500 ALL	486994.12	3674420.09	0.000206569	9901 DieselExhPM	0.00000011	30YrCancerDerived	*	0.00000011	INHALATION
501 ALL	487014.96	3674420.09	0.00020647	9901 DieselExhPM	0.00000011	30YrCancerDerived	*	0.00000011	INHALATION
502 ALL	487035.8	3674420.09	0.00020737	9901 DieselExhPM	0.000000111	30YrCancerDerived	*	0.000000111	INHALATION
503 ALL	487056.64	3674420.09	0.000211492	9901 DieselExhPM	0.000000113	30YrCancerDerived	*	0.000000113	INHALATION
504 ALL	487077.48	3674420.09	0.000215616	9901 DieselExhPM	0.000000115	30YrCancerDerived	*	0.000000115	INHALATION
505 ALL	487098.32	3674420.09	0.000222839	9901 DieselExhPM	0.000000119	30YrCancerDerived	*	0.000000119	INHALATION
506 ALL	487119.16	3674420.09	0.000232647	9901 DieselExhPM	0.000000124	30YrCancerDerived	*	0.000000124	INHALATION
507 ALL	487140	3674420.09	0.000244964	9901 DieselExhPM	0.000000131	30YrCancerDerived	*	0.000000131	INHALATION
508 ALL	487160.84	3674420.09	0.000261588	9901 DieselExhPM	0.00000014	30YrCancerDerived	*	0.00000014	INHALATION
509 ALL	487181.68	3674420.09	0.000278712	9901 DieselExhPM	0.000000149	30YrCancerDerived	*	0.000000149	INHALATION
510 ALL	486577.32	3674439.97	0.000137489	9901 DieselExhPM	7.34E-08	30YrCancerDerived	*	7.34E-08	INHALATION
511 ALL	486598.16	3674439.97	0.000142976	9901 DieselExhPM	7.63E-08	30YrCancerDerived	*	7.63E-08	INHALATION
512 ALL	486619	3674439.97	0.000150289	9901 DieselExhPM	8.02E-08	30YrCancerDerived	*	8.02E-08	INHALATION
513 ALL	486639.84	3674439.97	0.000160622	9901 DieselExhPM	8.57E-08	30YrCancerDerived	*	8.57E-08	INHALATION
514 ALL	486660.68	3674439.97	0.000171823	9901 DieselExhPM	9.17E-08	30YrCancerDerived	*	9.17E-08	INHALATION
515 ALL	486681.52	3674439.97	0.000187208	9901 DieselExhPM	9.99E-08	30YrCancerDerived	*	9.99E-08	INHALATION
516 ALL	486702.36	3674439.97	0.000199025	9901 DieselExhPM	0.000000106	30YrCancerDerived	*	0.000000106	INHALATION
517 ALL	486723.2	3674439.97	0.000219641	9901 DieselExhPM	0.000000117	30YrCancerDerived	*	0.000000117	INHALATION
518 ALL	486744.04	3674439.97	0.000247613	9901 DieselExhPM	0.000000132	30YrCancerDerived	*	0.000000132	INHALATION
519 ALL	486764.88	3674439.97	0.000278973	9901 DieselExhPM	0.000000149	30YrCancerDerived	*	0.000000149	INHALATION
520 ALL	486785.72	3674439.97	0.000291789	9901 DieselExhPM	0.000000156	30YrCancerDerived	*	0.000000156	INHALATION
521 ALL	486806.56	3674439.97	0.00026668	9901 DieselExhPM	0.000000142	30YrCancerDerived	*	0.000000142	INHALATION
522 ALL	486827.4	3674439.97	0.000237968	9901 DieselExhPM	0.000000127	30YrCancerDerived	*	0.000000127	INHALATION
523 ALL	486848.24	3674439.97	0.000226267	9901 DieselExhPM	0.000000121	30YrCancerDerived	*	0.000000121	INHALATION

524	ALL	486869.08	3674439.97	0.000230343	9901 DieselExhPM	0.000000123	30YrCancerDerived	*	0.000000123	INHALATION
525	ALL	486889.92	3674439.97	0.000236624	9901 DieselExhPM	0.000000126	30YrCancerDerived	*	0.000000126	INHALATION
526	ALL	486910.76	3674439.97	0.000229961	9901 DieselExhPM	0.000000123	30YrCancerDerived	*	0.000000123	INHALATION
527	ALL	486931.6	3674439.97	0.000225358	9901 DieselExhPM	0.00000012	30YrCancerDerived	*	0.00000012	INHALATION
528	ALL	486952.44	3674439.97	0.000223634	9901 DieselExhPM	0.000000119	30YrCancerDerived	*	0.000000119	INHALATION
529	ALL	486973.28	3674439.97	0.000220331	9901 DieselExhPM	0.000000118	30YrCancerDerived	*	0.000000118	INHALATION
530	ALL	486994.12	3674439.97	0.000215016	9901 DieselExhPM	0.000000115	30YrCancerDerived	*	0.000000115	INHALATION
531	ALL	487014.96	3674439.97	0.000213042	9901 DieselExhPM	0.000000114	30YrCancerDerived	*	0.000000114	INHALATION
532	ALL	487035.8	3674439.97	0.000214193	9901 DieselExhPM	0.000000114	30YrCancerDerived	*	0.000000114	INHALATION
533	ALL	487056.64	3674439.97	0.00021601	9901 DieselExhPM	0.000000115	30YrCancerDerived	*	0.000000115	INHALATION
534	ALL	487077.48	3674439.97	0.000220146	9901 DieselExhPM	0.000000118	30YrCancerDerived	*	0.000000118	INHALATION
535	ALL	487098.32	3674439.97	0.000227317	9901 DieselExhPM	0.000000121	30YrCancerDerived	*	0.000000121	INHALATION
536	ALL	487119.16	3674439.97	0.000237735	9901 DieselExhPM	0.000000127	30YrCancerDerived	*	0.000000127	INHALATION
537	ALL	487140	3674439.97	0.000250778	9901 DieselExhPM	0.000000134	30YrCancerDerived	*	0.000000134	INHALATION
538	ALL	487160.84	3674439.97	0.000267436	9901 DieselExhPM	0.000000143	30YrCancerDerived	*	0.000000143	INHALATION
539	ALL	487181.68	3674439.97	0.000286629	9901 DieselExhPM	0.000000153	30YrCancerDerived	*	0.000000153	INHALATION
540	ALL	486556.48	3674459.85	0.000134006	9901 DieselExhPM	7.15E-08	30YrCancerDerived	*	7.15E-08	INHALATION
541	ALL	486577.32	3674459.85	0.000137452	9901 DieselExhPM	7.34E-08	30YrCancerDerived	*	7.34E-08	INHALATION
542	ALL	486598.16	3674459.85	0.000141686	9901 DieselExhPM	7.56E-08	30YrCancerDerived	*	7.56E-08	INHALATION
543	ALL	486619	3674459.85	0.000147281	9901 DieselExhPM	7.86E-08	30YrCancerDerived	*	7.86E-08	INHALATION
544	ALL	486639.84	3674459.85	0.000157563	9901 DieselExhPM	8.41E-08	30YrCancerDerived	*	8.41E-08	INHALATION
545	ALL	486660.68	3674459.85	0.000170247	9901 DieselExhPM	9.09E-08	30YrCancerDerived	*	9.09E-08	INHALATION
546	ALL	486681.52	3674459.85	0.000181344	9901 DieselExhPM	9.68E-08	30YrCancerDerived	*	9.68E-08	INHALATION
547	ALL	486702.36	3674459.85	0.00019211	9901 DieselExhPM	0.000000103	30YrCancerDerived	*	0.000000103	INHALATION
548	ALL	486723.2	3674459.85	0.000208388	9901 DieselExhPM	0.000000111	30YrCancerDerived	*	0.000000111	INHALATION
549	ALL	486744.04	3674459.85	0.000228512	9901 DieselExhPM	0.000000122	30YrCancerDerived	*	0.000000122	INHALATION
550	ALL	486764.88	3674459.85	0.000248199	9901 DieselExhPM	0.000000133	30YrCancerDerived	*	0.000000133	INHALATION
551	ALL	486785.72	3674459.85	0.000263609	9901 DieselExhPM	0.000000141	30YrCancerDerived	*	0.000000141	INHALATION
552	ALL	486806.56	3674459.85	0.000255215	9901 DieselExhPM	0.000000136	30YrCancerDerived	*	0.000000136	INHALATION
553	ALL	486827.4	3674459.85	0.000230448	9901 DieselExhPM	0.000000123	30YrCancerDerived	*	0.000000123	INHALATION
554	ALL	486848.24	3674459.85	0.00021256	9901 DieselExhPM	0.000000113	30YrCancerDerived	*	0.000000113	INHALATION
555	ALL	486869.08	3674459.85	0.000213893	9901 DieselExhPM	0.000000114	30YrCancerDerived	*	0.000000114	INHALATION
556	ALL	486889.92	3674459.85	0.000221528	9901 DieselExhPM	0.000000118	30YrCancerDerived	*	0.000000118	INHALATION
557	ALL	486910.76	3674459.85	0.000220015	9901 DieselExhPM	0.000000117	30YrCancerDerived	*	0.000000117	INHALATION
558	ALL	486931.6	3674459.85	0.000219986	9901 DieselExhPM	0.000000117	30YrCancerDerived	*	0.000000117	INHALATION

559 ALL	486952.44	3674459.85	0.000224949	9901 DieselExhPM	0.000000012	30YrCancerDerived	*	0.000000012	INHALATION
560 ALL	486973.28	3674459.85	0.000224503	9901 DieselExhPM	0.000000012	30YrCancerDerived	*	0.000000012	INHALATION
561 ALL	486994.12	3674459.85	0.000220342	9901 DieselExhPM	0.0000000118	30YrCancerDerived	*	0.0000000118	INHALATION
562 ALL	487014.96	3674459.85	0.000216093	9901 DieselExhPM	0.0000000115	30YrCancerDerived	*	0.0000000115	INHALATION
563 ALL	487035.8	3674459.85	0.000216445	9901 DieselExhPM	0.0000000116	30YrCancerDerived	*	0.0000000116	INHALATION
564 ALL	487056.64	3674459.85	0.00022055	9901 DieselExhPM	0.0000000118	30YrCancerDerived	*	0.0000000118	INHALATION
565 ALL	487077.48	3674459.85	0.000225383	9901 DieselExhPM	0.000000012	30YrCancerDerived	*	0.000000012	INHALATION
566 ALL	487098.32	3674459.85	0.000232167	9901 DieselExhPM	0.0000000124	30YrCancerDerived	*	0.0000000124	INHALATION
567 ALL	487119.16	3674459.85	0.000242272	9901 DieselExhPM	0.0000000129	30YrCancerDerived	*	0.0000000129	INHALATION
568 ALL	487140	3674459.85	0.000254342	9901 DieselExhPM	0.0000000136	30YrCancerDerived	*	0.0000000136	INHALATION
569 ALL	487160.84	3674459.85	0.000268305	9901 DieselExhPM	0.0000000143	30YrCancerDerived	*	0.0000000143	INHALATION
570 ALL	487181.68	3674459.85	0.000287764	9901 DieselExhPM	0.0000000154	30YrCancerDerived	*	0.0000000154	INHALATION
571 ALL	486535.64	3674479.73	0.000132101	9901 DieselExhPM	7.05E-08	30YrCancerDerived	*	7.05E-08	INHALATION
572 ALL	486556.48	3674479.73	0.000134716	9901 DieselExhPM	7.19E-08	30YrCancerDerived	*	7.19E-08	INHALATION
573 ALL	486577.32	3674479.73	0.000137711	9901 DieselExhPM	7.35E-08	30YrCancerDerived	*	7.35E-08	INHALATION
574 ALL	486598.16	3674479.73	0.000141895	9901 DieselExhPM	7.58E-08	30YrCancerDerived	*	7.58E-08	INHALATION
575 ALL	486619	3674479.73	0.000146387	9901 DieselExhPM	7.81E-08	30YrCancerDerived	*	7.81E-08	INHALATION
576 ALL	486639.84	3674479.73	0.000155595	9901 DieselExhPM	8.31E-08	30YrCancerDerived	*	8.31E-08	INHALATION
577 ALL	486660.68	3674479.73	0.000165942	9901 DieselExhPM	8.86E-08	30YrCancerDerived	*	8.86E-08	INHALATION
578 ALL	486681.52	3674479.73	0.000172938	9901 DieselExhPM	9.23E-08	30YrCancerDerived	*	9.23E-08	INHALATION
579 ALL	486702.36	3674479.73	0.000182653	9901 DieselExhPM	9.75E-08	30YrCancerDerived	*	9.75E-08	INHALATION
580 ALL	486723.2	3674479.73	0.000197385	9901 DieselExhPM	0.0000000105	30YrCancerDerived	*	0.0000000105	INHALATION
581 ALL	486744.04	3674479.73	0.000212925	9901 DieselExhPM	0.0000000114	30YrCancerDerived	*	0.0000000114	INHALATION
582 ALL	486764.88	3674479.73	0.000223689	9901 DieselExhPM	0.0000000119	30YrCancerDerived	*	0.0000000119	INHALATION
583 ALL	486785.72	3674479.73	0.000237153	9901 DieselExhPM	0.0000000127	30YrCancerDerived	*	0.0000000127	INHALATION
584 ALL	486806.56	3674479.73	0.000235988	9901 DieselExhPM	0.0000000126	30YrCancerDerived	*	0.0000000126	INHALATION
585 ALL	486827.4	3674479.73	0.000222809	9901 DieselExhPM	0.0000000119	30YrCancerDerived	*	0.0000000119	INHALATION
586 ALL	486848.24	3674479.73	0.000207301	9901 DieselExhPM	0.0000000111	30YrCancerDerived	*	0.0000000111	INHALATION
587 ALL	486869.08	3674479.73	0.000204233	9901 DieselExhPM	0.0000000109	30YrCancerDerived	*	0.0000000109	INHALATION
588 ALL	486889.92	3674479.73	0.000208861	9901 DieselExhPM	0.0000000112	30YrCancerDerived	*	0.0000000112	INHALATION
589 ALL	486910.76	3674479.73	0.000212974	9901 DieselExhPM	0.0000000114	30YrCancerDerived	*	0.0000000114	INHALATION
590 ALL	486931.6	3674479.73	0.000216071	9901 DieselExhPM	0.0000000115	30YrCancerDerived	*	0.0000000115	INHALATION
591 ALL	486952.44	3674479.73	0.000221318	9901 DieselExhPM	0.0000000118	30YrCancerDerived	*	0.0000000118	INHALATION
592 ALL	486973.28	3674479.73	0.000223966	9901 DieselExhPM	0.000000012	30YrCancerDerived	*	0.000000012	INHALATION
593 ALL	486994.12	3674479.73	0.000221566	9901 DieselExhPM	0.0000000118	30YrCancerDerived	*	0.0000000118	INHALATION

594 ALL	487014.96	3674479.73	0.000219658	9901 DieselExhPM	0.000000117	30YrCancerDerived	*	0.000000117	INHALATION
595 ALL	487035.8	3674479.73	0.000221402	9901 DieselExhPM	0.000000118	30YrCancerDerived	*	0.000000118	INHALATION
596 ALL	487056.64	3674479.73	0.000226351	9901 DieselExhPM	0.000000121	30YrCancerDerived	*	0.000000121	INHALATION
597 ALL	487077.48	3674479.73	0.000232286	9901 DieselExhPM	0.000000124	30YrCancerDerived	*	0.000000124	INHALATION
598 ALL	487098.32	3674479.73	0.000239445	9901 DieselExhPM	0.000000128	30YrCancerDerived	*	0.000000128	INHALATION
599 ALL	487119.16	3674479.73	0.000248925	9901 DieselExhPM	0.000000133	30YrCancerDerived	*	0.000000133	INHALATION
600 ALL	487140	3674479.73	0.000259564	9901 DieselExhPM	0.000000139	30YrCancerDerived	*	0.000000139	INHALATION
601 ALL	487160.84	3674479.73	0.000273758	9901 DieselExhPM	0.000000146	30YrCancerDerived	*	0.000000146	INHALATION
602 ALL	486514.8	3674499.61	0.000130944	9901 DieselExhPM	6.99E-08	30YrCancerDerived	*	6.99E-08	INHALATION
603 ALL	486535.64	3674499.61	0.000134123	9901 DieselExhPM	7.16E-08	30YrCancerDerived	*	7.16E-08	INHALATION
604 ALL	486556.48	3674499.61	0.00013671	9901 DieselExhPM	0.000000073	30YrCancerDerived	*	0.000000073	INHALATION
605 ALL	486577.32	3674499.61	0.000140131	9901 DieselExhPM	7.48E-08	30YrCancerDerived	*	7.48E-08	INHALATION
606 ALL	486598.16	3674499.61	0.000144502	9901 DieselExhPM	7.71E-08	30YrCancerDerived	*	7.71E-08	INHALATION
607 ALL	486619	3674499.61	0.000149489	9901 DieselExhPM	7.98E-08	30YrCancerDerived	*	7.98E-08	INHALATION
608 ALL	486639.84	3674499.61	0.000155951	9901 DieselExhPM	8.33E-08	30YrCancerDerived	*	8.33E-08	INHALATION
609 ALL	486660.68	3674499.61	0.000162935	9901 DieselExhPM	0.000000087	30YrCancerDerived	*	0.000000087	INHALATION
610 ALL	486681.52	3674499.61	0.000166315	9901 DieselExhPM	8.88E-08	30YrCancerDerived	*	8.88E-08	INHALATION
611 ALL	486702.36	3674499.61	0.000174812	9901 DieselExhPM	9.33E-08	30YrCancerDerived	*	9.33E-08	INHALATION
612 ALL	486723.2	3674499.61	0.000188515	9901 DieselExhPM	0.000000101	30YrCancerDerived	*	0.000000101	INHALATION
613 ALL	486744.04	3674499.61	0.000194819	9901 DieselExhPM	0.000000104	30YrCancerDerived	*	0.000000104	INHALATION
614 ALL	486764.88	3674499.61	0.000203083	9901 DieselExhPM	0.000000108	30YrCancerDerived	*	0.000000108	INHALATION
615 ALL	486785.72	3674499.61	0.000218209	9901 DieselExhPM	0.000000116	30YrCancerDerived	*	0.000000116	INHALATION
616 ALL	486806.56	3674499.61	0.00021211	9901 DieselExhPM	0.000000113	30YrCancerDerived	*	0.000000113	INHALATION
617 ALL	486827.4	3674499.61	0.000205448	9901 DieselExhPM	0.00000011	30YrCancerDerived	*	0.00000011	INHALATION
618 ALL	486848.24	3674499.61	0.000200946	9901 DieselExhPM	0.000000107	30YrCancerDerived	*	0.000000107	INHALATION
619 ALL	486869.08	3674499.61	0.000198809	9901 DieselExhPM	0.000000106	30YrCancerDerived	*	0.000000106	INHALATION
620 ALL	486889.92	3674499.61	0.000202083	9901 DieselExhPM	0.000000108	30YrCancerDerived	*	0.000000108	INHALATION
621 ALL	486910.76	3674499.61	0.000208738	9901 DieselExhPM	0.000000111	30YrCancerDerived	*	0.000000111	INHALATION
622 ALL	486931.6	3674499.61	0.000212645	9901 DieselExhPM	0.000000114	30YrCancerDerived	*	0.000000114	INHALATION
623 ALL	486952.44	3674499.61	0.000216985	9901 DieselExhPM	0.000000116	30YrCancerDerived	*	0.000000116	INHALATION
624 ALL	486973.28	3674499.61	0.000222491	9901 DieselExhPM	0.000000119	30YrCancerDerived	*	0.000000119	INHALATION
625 ALL	486994.12	3674499.61	0.000224951	9901 DieselExhPM	0.00000012	30YrCancerDerived	*	0.00000012	INHALATION
626 ALL	487014.96	3674499.61	0.000224657	9901 DieselExhPM	0.00000012	30YrCancerDerived	*	0.00000012	INHALATION
627 ALL	487035.8	3674499.61	0.000226863	9901 DieselExhPM	0.000000121	30YrCancerDerived	*	0.000000121	INHALATION
628 ALL	487056.64	3674499.61	0.000232805	9901 DieselExhPM	0.000000124	30YrCancerDerived	*	0.000000124	INHALATION

629	ALL	487077.48	3674499.61	0.000240108	9901 DieselExhPM	0.000000128	30YrCancerDerived	*	0.000000128	INHALATION
630	ALL	487098.32	3674499.61	0.000248223	9901 DieselExhPM	0.000000133	30YrCancerDerived	*	0.000000133	INHALATION
631	ALL	487119.16	3674499.61	0.0002574	9901 DieselExhPM	0.000000137	30YrCancerDerived	*	0.000000137	INHALATION
632	ALL	487140	3674499.61	0.000268704	9901 DieselExhPM	0.000000143	30YrCancerDerived	*	0.000000143	INHALATION
633	ALL	487160.84	3674499.61	0.000284086	9901 DieselExhPM	0.000000152	30YrCancerDerived	*	0.000000152	INHALATION
634	ALL	486514.8	3674519.49	0.000133452	9901 DieselExhPM	7.12E-08	30YrCancerDerived	*	7.12E-08	INHALATION
635	ALL	486535.64	3674519.49	0.000138042	9901 DieselExhPM	7.37E-08	30YrCancerDerived	*	7.37E-08	INHALATION
636	ALL	486556.48	3674519.49	0.000140992	9901 DieselExhPM	7.53E-08	30YrCancerDerived	*	7.53E-08	INHALATION
637	ALL	486577.32	3674519.49	0.000143633	9901 DieselExhPM	7.67E-08	30YrCancerDerived	*	7.67E-08	INHALATION
638	ALL	486598.16	3674519.49	0.000147036	9901 DieselExhPM	7.85E-08	30YrCancerDerived	*	7.85E-08	INHALATION
639	ALL	486619	3674519.49	0.000152228	9901 DieselExhPM	8.13E-08	30YrCancerDerived	*	8.13E-08	INHALATION
640	ALL	486639.84	3674519.49	0.00015683	9901 DieselExhPM	8.37E-08	30YrCancerDerived	*	8.37E-08	INHALATION
641	ALL	486660.68	3674519.49	0.000161648	9901 DieselExhPM	8.63E-08	30YrCancerDerived	*	8.63E-08	INHALATION
642	ALL	486681.52	3674519.49	0.000165636	9901 DieselExhPM	8.84E-08	30YrCancerDerived	*	8.84E-08	INHALATION
643	ALL	486702.36	3674519.49	0.000171285	9901 DieselExhPM	9.14E-08	30YrCancerDerived	*	9.14E-08	INHALATION
644	ALL	486723.2	3674519.49	0.000181124	9901 DieselExhPM	9.67E-08	30YrCancerDerived	*	9.67E-08	INHALATION
645	ALL	486744.04	3674519.49	0.000183744	9901 DieselExhPM	9.81E-08	30YrCancerDerived	*	9.81E-08	INHALATION
646	ALL	486764.88	3674519.49	0.000191125	9901 DieselExhPM	0.000000102	30YrCancerDerived	*	0.000000102	INHALATION
647	ALL	486785.72	3674519.49	0.000204557	9901 DieselExhPM	0.000000109	30YrCancerDerived	*	0.000000109	INHALATION
648	ALL	486806.56	3674519.49	0.000201084	9901 DieselExhPM	0.000000107	30YrCancerDerived	*	0.000000107	INHALATION
649	ALL	486827.4	3674519.49	0.000192513	9901 DieselExhPM	0.000000103	30YrCancerDerived	*	0.000000103	INHALATION
650	ALL	486848.24	3674519.49	0.000190769	9901 DieselExhPM	0.000000102	30YrCancerDerived	*	0.000000102	INHALATION
651	ALL	486869.08	3674519.49	0.000192175	9901 DieselExhPM	0.000000103	30YrCancerDerived	*	0.000000103	INHALATION
652	ALL	486889.92	3674519.49	0.000197563	9901 DieselExhPM	0.000000105	30YrCancerDerived	*	0.000000105	INHALATION
653	ALL	486910.76	3674519.49	0.000205619	9901 DieselExhPM	0.00000011	30YrCancerDerived	*	0.00000011	INHALATION
654	ALL	486931.6	3674519.49	0.00020905	9901 DieselExhPM	0.000000112	30YrCancerDerived	*	0.000000112	INHALATION
655	ALL	486952.44	3674519.49	0.000212592	9901 DieselExhPM	0.000000113	30YrCancerDerived	*	0.000000113	INHALATION
656	ALL	486973.28	3674519.49	0.000218364	9901 DieselExhPM	0.000000117	30YrCancerDerived	*	0.000000117	INHALATION
657	ALL	486994.12	3674519.49	0.00022369	9901 DieselExhPM	0.000000119	30YrCancerDerived	*	0.000000119	INHALATION
658	ALL	487014.96	3674519.49	0.000226937	9901 DieselExhPM	0.000000121	30YrCancerDerived	*	0.000000121	INHALATION
659	ALL	487035.8	3674519.49	0.000231357	9901 DieselExhPM	0.000000124	30YrCancerDerived	*	0.000000124	INHALATION
660	ALL	487056.64	3674519.49	0.000240813	9901 DieselExhPM	0.000000129	30YrCancerDerived	*	0.000000129	INHALATION
661	ALL	486493.96	3674539.37	0.000134042	9901 DieselExhPM	7.16E-08	30YrCancerDerived	*	7.16E-08	INHALATION
662	ALL	486514.8	3674539.37	0.00013695	9901 DieselExhPM	7.31E-08	30YrCancerDerived	*	7.31E-08	INHALATION
663	ALL	486535.64	3674539.37	0.000140533	9901 DieselExhPM	0.000000075	30YrCancerDerived	*	0.000000075	INHALATION

664 ALL	486556.48	3674539.37	0.0001431	9901 DieselExhPM	7.64E-08	30YrCancerDerived	*	7.64E-08	INHALATION
665 ALL	486577.32	3674539.37	0.000145819	9901 DieselExhPM	7.78E-08	30YrCancerDerived	*	7.78E-08	INHALATION
666 ALL	486598.16	3674539.37	0.000148602	9901 DieselExhPM	7.93E-08	30YrCancerDerived	*	7.93E-08	INHALATION
667 ALL	486619	3674539.37	0.00015291	9901 DieselExhPM	8.16E-08	30YrCancerDerived	*	8.16E-08	INHALATION
668 ALL	486639.84	3674539.37	0.000157456	9901 DieselExhPM	8.41E-08	30YrCancerDerived	*	8.41E-08	INHALATION
669 ALL	486660.68	3674539.37	0.000162271	9901 DieselExhPM	8.66E-08	30YrCancerDerived	*	8.66E-08	INHALATION
670 ALL	486681.52	3674539.37	0.000166833	9901 DieselExhPM	8.91E-08	30YrCancerDerived	*	8.91E-08	INHALATION
671 ALL	486702.36	3674539.37	0.000172181	9901 DieselExhPM	9.19E-08	30YrCancerDerived	*	9.19E-08	INHALATION
672 ALL	486723.2	3674539.37	0.000176882	9901 DieselExhPM	9.44E-08	30YrCancerDerived	*	9.44E-08	INHALATION
673 ALL	486744.04	3674539.37	0.000177118	9901 DieselExhPM	9.46E-08	30YrCancerDerived	*	9.46E-08	INHALATION
674 ALL	486764.88	3674539.37	0.000182261	9901 DieselExhPM	9.73E-08	30YrCancerDerived	*	9.73E-08	INHALATION
675 ALL	486785.72	3674539.37	0.000195022	9901 DieselExhPM	0.000000104	30YrCancerDerived	*	0.000000104	INHALATION
676 ALL	486806.56	3674539.37	0.000195461	9901 DieselExhPM	0.000000104	30YrCancerDerived	*	0.000000104	INHALATION
677 ALL	486827.4	3674539.37	0.000188599	9901 DieselExhPM	0.000000101	30YrCancerDerived	*	0.000000101	INHALATION
678 ALL	486848.24	3674539.37	0.000186835	9901 DieselExhPM	9.97E-08	30YrCancerDerived	*	9.97E-08	INHALATION
679 ALL	486869.08	3674539.37	0.000189214	9901 DieselExhPM	0.000000101	30YrCancerDerived	*	0.000000101	INHALATION
680 ALL	486889.92	3674539.37	0.000196283	9901 DieselExhPM	0.000000105	30YrCancerDerived	*	0.000000105	INHALATION
681 ALL	486910.76	3674539.37	0.000204181	9901 DieselExhPM	0.000000109	30YrCancerDerived	*	0.000000109	INHALATION
682 ALL	486931.6	3674539.37	0.000209229	9901 DieselExhPM	0.000000112	30YrCancerDerived	*	0.000000112	INHALATION
683 ALL	486493.96	3674559.25	0.000132963	9901 DieselExhPM	0.000000071	30YrCancerDerived	*	0.000000071	INHALATION
684 ALL	486514.8	3674559.25	0.000136349	9901 DieselExhPM	7.28E-08	30YrCancerDerived	*	7.28E-08	INHALATION
685 ALL	486535.64	3674559.25	0.000141231	9901 DieselExhPM	7.54E-08	30YrCancerDerived	*	7.54E-08	INHALATION
686 ALL	486556.48	3674559.25	0.000143696	9901 DieselExhPM	7.67E-08	30YrCancerDerived	*	7.67E-08	INHALATION
687 ALL	486577.32	3674559.25	0.000145146	9901 DieselExhPM	7.75E-08	30YrCancerDerived	*	7.75E-08	INHALATION
688 ALL	486598.16	3674559.25	0.000148476	9901 DieselExhPM	7.93E-08	30YrCancerDerived	*	7.93E-08	INHALATION
689 ALL	486619	3674559.25	0.000153387	9901 DieselExhPM	8.19E-08	30YrCancerDerived	*	8.19E-08	INHALATION
690 ALL	486639.84	3674559.25	0.00015784	9901 DieselExhPM	8.43E-08	30YrCancerDerived	*	8.43E-08	INHALATION
691 ALL	486660.68	3674559.25	0.000163286	9901 DieselExhPM	8.72E-08	30YrCancerDerived	*	8.72E-08	INHALATION
692 ALL	486681.52	3674559.25	0.000169129	9901 DieselExhPM	9.03E-08	30YrCancerDerived	*	9.03E-08	INHALATION
693 ALL	486702.36	3674559.25	0.000173568	9901 DieselExhPM	9.27E-08	30YrCancerDerived	*	9.27E-08	INHALATION
694 ALL	486723.2	3674559.25	0.000176281	9901 DieselExhPM	9.41E-08	30YrCancerDerived	*	9.41E-08	INHALATION
695 ALL	486744.04	3674559.25	0.000177196	9901 DieselExhPM	9.46E-08	30YrCancerDerived	*	9.46E-08	INHALATION
696 ALL	486764.88	3674559.25	0.000181682	9901 DieselExhPM	0.000000097	30YrCancerDerived	*	0.000000097	INHALATION
697 ALL	486785.72	3674559.25	0.000191028	9901 DieselExhPM	0.000000102	30YrCancerDerived	*	0.000000102	INHALATION
698 ALL	486806.56	3674559.25	0.00019257	9901 DieselExhPM	0.000000103	30YrCancerDerived	*	0.000000103	INHALATION

699 ALL	486827.4	3674559.25	0.000189964	9901 DieselExhPM	0.0000000101	30YrCancerDerived	*	0.0000000101	INHALATION
700 ALL	486848.24	3674559.25	0.000189088	9901 DieselExhPM	0.0000000101	30YrCancerDerived	*	0.0000000101	INHALATION
701 ALL	486869.08	3674559.25	0.000191359	9901 DieselExhPM	0.0000000102	30YrCancerDerived	*	0.0000000102	INHALATION
702 ALL	486889.92	3674559.25	0.00019762	9901 DieselExhPM	0.0000000106	30YrCancerDerived	*	0.0000000106	INHALATION
703 ALL	486910.76	3674559.25	0.000208097	9901 DieselExhPM	0.0000000111	30YrCancerDerived	*	0.0000000111	INHALATION
704 ALL	486493.96	3674579.13	0.000133753	9901 DieselExhPM	7.14E-08	30YrCancerDerived	*	7.14E-08	INHALATION
705 ALL	486514.8	3674579.13	0.000135557	9901 DieselExhPM	7.24E-08	30YrCancerDerived	*	7.24E-08	INHALATION
706 ALL	486535.64	3674579.13	0.000140596	9901 DieselExhPM	7.51E-08	30YrCancerDerived	*	7.51E-08	INHALATION
707 ALL	486556.48	3674579.13	0.000143663	9901 DieselExhPM	7.67E-08	30YrCancerDerived	*	7.67E-08	INHALATION
708 ALL	486577.32	3674579.13	0.000146052	9901 DieselExhPM	0.0000000078	30YrCancerDerived	*	0.0000000078	INHALATION
709 ALL	486598.16	3674579.13	0.000149441	9901 DieselExhPM	7.98E-08	30YrCancerDerived	*	7.98E-08	INHALATION
710 ALL	486619	3674579.13	0.000154296	9901 DieselExhPM	8.24E-08	30YrCancerDerived	*	8.24E-08	INHALATION
711 ALL	486639.84	3674579.13	0.000158593	9901 DieselExhPM	8.47E-08	30YrCancerDerived	*	8.47E-08	INHALATION
712 ALL	486660.68	3674579.13	0.000163647	9901 DieselExhPM	8.74E-08	30YrCancerDerived	*	8.74E-08	INHALATION
713 ALL	486681.52	3674579.13	0.000168763	9901 DieselExhPM	9.01E-08	30YrCancerDerived	*	9.01E-08	INHALATION
714 ALL	486702.36	3674579.13	0.000171852	9901 DieselExhPM	9.17E-08	30YrCancerDerived	*	9.17E-08	INHALATION
715 ALL	486723.2	3674579.13	0.000175275	9901 DieselExhPM	9.36E-08	30YrCancerDerived	*	9.36E-08	INHALATION
716 ALL	486744.04	3674579.13	0.00017889	9901 DieselExhPM	9.55E-08	30YrCancerDerived	*	9.55E-08	INHALATION
717 ALL	486764.88	3674579.13	0.000184228	9901 DieselExhPM	9.83E-08	30YrCancerDerived	*	9.83E-08	INHALATION
718 ALL	486785.72	3674579.13	0.00018982	9901 DieselExhPM	0.0000000101	30YrCancerDerived	*	0.0000000101	INHALATION
719 ALL	486806.56	3674579.13	0.00019303	9901 DieselExhPM	0.0000000103	30YrCancerDerived	*	0.0000000103	INHALATION
720 ALL	486827.4	3674579.13	0.000193041	9901 DieselExhPM	0.0000000103	30YrCancerDerived	*	0.0000000103	INHALATION
721 ALL	486848.24	3674579.13	0.000193499	9901 DieselExhPM	0.0000000103	30YrCancerDerived	*	0.0000000103	INHALATION
722 ALL	486869.08	3674579.13	0.000195639	9901 DieselExhPM	0.0000000104	30YrCancerDerived	*	0.0000000104	INHALATION
723 ALL	486889.92	3674579.13	0.000202918	9901 DieselExhPM	0.0000000108	30YrCancerDerived	*	0.0000000108	INHALATION
724 ALL	486473.12	3674599.01	0.000138579	9901 DieselExhPM	0.0000000074	30YrCancerDerived	*	0.0000000074	INHALATION
725 ALL	486493.96	3674599.01	0.000135439	9901 DieselExhPM	7.23E-08	30YrCancerDerived	*	7.23E-08	INHALATION
726 ALL	486514.8	3674599.01	0.00013659	9901 DieselExhPM	7.29E-08	30YrCancerDerived	*	7.29E-08	INHALATION
727 ALL	486535.64	3674599.01	0.000140158	9901 DieselExhPM	7.48E-08	30YrCancerDerived	*	7.48E-08	INHALATION
728 ALL	486556.48	3674599.01	0.000144014	9901 DieselExhPM	7.69E-08	30YrCancerDerived	*	7.69E-08	INHALATION
729 ALL	486577.32	3674599.01	0.000147669	9901 DieselExhPM	7.88E-08	30YrCancerDerived	*	7.88E-08	INHALATION
730 ALL	486598.16	3674599.01	0.000151641	9901 DieselExhPM	0.0000000081	30YrCancerDerived	*	0.0000000081	INHALATION
731 ALL	486619	3674599.01	0.000155543	9901 DieselExhPM	0.0000000083	30YrCancerDerived	*	0.0000000083	INHALATION
732 ALL	486639.84	3674599.01	0.000159859	9901 DieselExhPM	8.53E-08	30YrCancerDerived	*	8.53E-08	INHALATION
733 ALL	486660.68	3674599.01	0.000163624	9901 DieselExhPM	8.74E-08	30YrCancerDerived	*	8.74E-08	INHALATION

734 ALL	486681.52	3674599.01	0.000166737	9901 DieselExhPM	0.000000089	30YrCancerDerived	*	0.000000089	INHALATION
735 ALL	486702.36	3674599.01	0.000169608	9901 DieselExhPM	9.05E-08	30YrCancerDerived	*	9.05E-08	INHALATION
736 ALL	486723.2	3674599.01	0.000173138	9901 DieselExhPM	9.24E-08	30YrCancerDerived	*	9.24E-08	INHALATION
737 ALL	486744.04	3674599.01	0.000180207	9901 DieselExhPM	9.62E-08	30YrCancerDerived	*	9.62E-08	INHALATION
738 ALL	486764.88	3674599.01	0.000187364	9901 DieselExhPM	0.00000001	30YrCancerDerived	*	0.00000001	INHALATION
739 ALL	486785.72	3674599.01	0.000193398	9901 DieselExhPM	0.000000103	30YrCancerDerived	*	0.000000103	INHALATION
740 ALL	486806.56	3674599.01	0.000196908	9901 DieselExhPM	0.000000105	30YrCancerDerived	*	0.000000105	INHALATION
741 ALL	486827.4	3674599.01	0.000197905	9901 DieselExhPM	0.000000106	30YrCancerDerived	*	0.000000106	INHALATION
742 ALL	486848.24	3674599.01	0.000199501	9901 DieselExhPM	0.000000107	30YrCancerDerived	*	0.000000107	INHALATION
743 ALL	486869.08	3674599.01	0.00020302	9901 DieselExhPM	0.000000108	30YrCancerDerived	*	0.000000108	INHALATION
744 ALL	486473.12	3674618.89	0.000138256	9901 DieselExhPM	7.38E-08	30YrCancerDerived	*	7.38E-08	INHALATION
745 ALL	486493.96	3674618.89	0.000136183	9901 DieselExhPM	7.27E-08	30YrCancerDerived	*	7.27E-08	INHALATION
746 ALL	486514.8	3674618.89	0.000137303	9901 DieselExhPM	7.33E-08	30YrCancerDerived	*	7.33E-08	INHALATION
747 ALL	486535.64	3674618.89	0.000140976	9901 DieselExhPM	7.53E-08	30YrCancerDerived	*	7.53E-08	INHALATION
748 ALL	486556.48	3674618.89	0.000145251	9901 DieselExhPM	7.75E-08	30YrCancerDerived	*	7.75E-08	INHALATION
749 ALL	486577.32	3674618.89	0.000148867	9901 DieselExhPM	7.95E-08	30YrCancerDerived	*	7.95E-08	INHALATION
750 ALL	486598.16	3674618.89	0.000152718	9901 DieselExhPM	8.15E-08	30YrCancerDerived	*	8.15E-08	INHALATION
751 ALL	486619	3674618.89	0.000156694	9901 DieselExhPM	8.37E-08	30YrCancerDerived	*	8.37E-08	INHALATION
752 ALL	486639.84	3674618.89	0.000159876	9901 DieselExhPM	8.54E-08	30YrCancerDerived	*	8.54E-08	INHALATION
753 ALL	486660.68	3674618.89	0.000162683	9901 DieselExhPM	8.68E-08	30YrCancerDerived	*	8.68E-08	INHALATION
754 ALL	486681.52	3674618.89	0.000164764	9901 DieselExhPM	0.000000088	30YrCancerDerived	*	0.000000088	INHALATION
755 ALL	486702.36	3674618.89	0.000166555	9901 DieselExhPM	8.89E-08	30YrCancerDerived	*	8.89E-08	INHALATION
756 ALL	486723.2	3674618.89	0.000169982	9901 DieselExhPM	9.07E-08	30YrCancerDerived	*	9.07E-08	INHALATION
757 ALL	486744.04	3674618.89	0.000176672	9901 DieselExhPM	9.43E-08	30YrCancerDerived	*	9.43E-08	INHALATION
758 ALL	486764.88	3674618.89	0.000186803	9901 DieselExhPM	9.97E-08	30YrCancerDerived	*	9.97E-08	INHALATION
759 ALL	486785.72	3674618.89	0.000197571	9901 DieselExhPM	0.000000105	30YrCancerDerived	*	0.000000105	INHALATION
760 ALL	486806.56	3674618.89	0.000203839	9901 DieselExhPM	0.000000109	30YrCancerDerived	*	0.000000109	INHALATION
761 ALL	486452.28	3674638.77	0.000140051	9901 DieselExhPM	7.48E-08	30YrCancerDerived	*	7.48E-08	INHALATION
762 ALL	486473.12	3674638.77	0.000136878	9901 DieselExhPM	7.31E-08	30YrCancerDerived	*	7.31E-08	INHALATION
763 ALL	486493.96	3674638.77	0.000136102	9901 DieselExhPM	7.27E-08	30YrCancerDerived	*	7.27E-08	INHALATION
764 ALL	486514.8	3674638.77	0.000138306	9901 DieselExhPM	7.38E-08	30YrCancerDerived	*	7.38E-08	INHALATION
765 ALL	486535.64	3674638.77	0.000141712	9901 DieselExhPM	7.57E-08	30YrCancerDerived	*	7.57E-08	INHALATION
766 ALL	486556.48	3674638.77	0.000145897	9901 DieselExhPM	7.79E-08	30YrCancerDerived	*	7.79E-08	INHALATION
767 ALL	486577.32	3674638.77	0.000149672	9901 DieselExhPM	7.99E-08	30YrCancerDerived	*	7.99E-08	INHALATION
768 ALL	486598.16	3674638.77	0.000153011	9901 DieselExhPM	8.17E-08	30YrCancerDerived	*	8.17E-08	INHALATION

769 ALL	486619	3674638.77	0.000155754	9901 DieselExhPM	8.31E-08	30YrCancerDerived	*	8.31E-08	INHALATION
770 ALL	486639.84	3674638.77	0.000158079	9901 DieselExhPM	8.44E-08	30YrCancerDerived	*	8.44E-08	INHALATION
771 ALL	486660.68	3674638.77	0.000161	9901 DieselExhPM	8.59E-08	30YrCancerDerived	*	8.59E-08	INHALATION
772 ALL	486681.52	3674638.77	0.000163275	9901 DieselExhPM	8.72E-08	30YrCancerDerived	*	8.72E-08	INHALATION
773 ALL	486702.36	3674638.77	0.000164084	9901 DieselExhPM	8.76E-08	30YrCancerDerived	*	8.76E-08	INHALATION
774 ALL	486723.2	3674638.77	0.00016691	9901 DieselExhPM	8.91E-08	30YrCancerDerived	*	8.91E-08	INHALATION
775 ALL	486744.04	3674638.77	0.000173767	9901 DieselExhPM	9.28E-08	30YrCancerDerived	*	9.28E-08	INHALATION
776 ALL	486764.88	3674638.77	0.000183512	9901 DieselExhPM	0.000000098	30YrCancerDerived	*	0.000000098	INHALATION
777 ALL	486785.72	3674638.77	0.000198235	9901 DieselExhPM	0.000000106	30YrCancerDerived	*	0.000000106	INHALATION
778 ALL	486452.28	3674658.65	0.000136592	9901 DieselExhPM	7.29E-08	30YrCancerDerived	*	7.29E-08	INHALATION
779 ALL	486473.12	3674658.65	0.000134937	9901 DieselExhPM	0.000000072	30YrCancerDerived	*	0.000000072	INHALATION
780 ALL	486493.96	3674658.65	0.000135753	9901 DieselExhPM	7.25E-08	30YrCancerDerived	*	7.25E-08	INHALATION
781 ALL	486514.8	3674658.65	0.000138688	9901 DieselExhPM	0.000000074	30YrCancerDerived	*	0.000000074	INHALATION
782 ALL	486535.64	3674658.65	0.000141737	9901 DieselExhPM	7.57E-08	30YrCancerDerived	*	7.57E-08	INHALATION
783 ALL	486556.48	3674658.65	0.000146171	9901 DieselExhPM	0.000000078	30YrCancerDerived	*	0.000000078	INHALATION
784 ALL	486577.32	3674658.65	0.000149937	9901 DieselExhPM	0.00000008	30YrCancerDerived	*	0.00000008	INHALATION
785 ALL	486598.16	3674658.65	0.000153222	9901 DieselExhPM	8.18E-08	30YrCancerDerived	*	8.18E-08	INHALATION
786 ALL	486619	3674658.65	0.000154074	9901 DieselExhPM	8.23E-08	30YrCancerDerived	*	8.23E-08	INHALATION
787 ALL	486639.84	3674658.65	0.000155314	9901 DieselExhPM	8.29E-08	30YrCancerDerived	*	8.29E-08	INHALATION
788 ALL	486660.68	3674658.65	0.000159084	9901 DieselExhPM	8.49E-08	30YrCancerDerived	*	8.49E-08	INHALATION
789 ALL	486681.52	3674658.65	0.00016254	9901 DieselExhPM	8.68E-08	30YrCancerDerived	*	8.68E-08	INHALATION
790 ALL	486702.36	3674658.65	0.000162907	9901 DieselExhPM	0.000000087	30YrCancerDerived	*	0.000000087	INHALATION
791 ALL	486723.2	3674658.65	0.000165783	9901 DieselExhPM	8.85E-08	30YrCancerDerived	*	8.85E-08	INHALATION
792 ALL	486744.04	3674658.65	0.000173464	9901 DieselExhPM	9.26E-08	30YrCancerDerived	*	9.26E-08	INHALATION
793 ALL	486764.88	3674658.65	0.000185116	9901 DieselExhPM	9.88E-08	30YrCancerDerived	*	9.88E-08	INHALATION
794 ALL	486452.28	3674678.53	0.00013358	9901 DieselExhPM	7.13E-08	30YrCancerDerived	*	7.13E-08	INHALATION
795 ALL	486473.12	3674678.53	0.000133871	9901 DieselExhPM	7.15E-08	30YrCancerDerived	*	7.15E-08	INHALATION
796 ALL	486493.96	3674678.53	0.000135869	9901 DieselExhPM	7.25E-08	30YrCancerDerived	*	7.25E-08	INHALATION
797 ALL	486514.8	3674678.53	0.000138912	9901 DieselExhPM	7.42E-08	30YrCancerDerived	*	7.42E-08	INHALATION
798 ALL	486535.64	3674678.53	0.000141932	9901 DieselExhPM	7.58E-08	30YrCancerDerived	*	7.58E-08	INHALATION
799 ALL	486556.48	3674678.53	0.000145534	9901 DieselExhPM	7.77E-08	30YrCancerDerived	*	7.77E-08	INHALATION
800 ALL	486577.32	3674678.53	0.000149439	9901 DieselExhPM	7.98E-08	30YrCancerDerived	*	7.98E-08	INHALATION
801 ALL	486598.16	3674678.53	0.000151858	9901 DieselExhPM	8.11E-08	30YrCancerDerived	*	8.11E-08	INHALATION
802 ALL	486619	3674678.53	0.000151902	9901 DieselExhPM	8.11E-08	30YrCancerDerived	*	8.11E-08	INHALATION
803 ALL	486639.84	3674678.53	0.000154339	9901 DieselExhPM	8.24E-08	30YrCancerDerived	*	8.24E-08	INHALATION

804 ALL	486660.68	3674678.53	0.000158662	9901 DieselExhPM	8.47E-08	30YrCancerDerived	*	8.47E-08	INHALATION
805 ALL	486681.52	3674678.53	0.000163243	9901 DieselExhPM	8.71E-08	30YrCancerDerived	*	8.71E-08	INHALATION
806 ALL	486702.36	3674678.53	0.000166531	9901 DieselExhPM	8.89E-08	30YrCancerDerived	*	8.89E-08	INHALATION
807 ALL	486723.2	3674678.53	0.000170318	9901 DieselExhPM	9.09E-08	30YrCancerDerived	*	9.09E-08	INHALATION
808 ALL	486744.04	3674678.53	0.000177272	9901 DieselExhPM	9.46E-08	30YrCancerDerived	*	9.46E-08	INHALATION
809 ALL	486764.88	3674678.53	0.000192002	9901 DieselExhPM	0.000000103	30YrCancerDerived	*	0.000000103	INHALATION
810 ALL	486431.44	3674698.41	0.000131999	9901 DieselExhPM	7.05E-08	30YrCancerDerived	*	7.05E-08	INHALATION
811 ALL	486452.28	3674698.41	0.000132282	9901 DieselExhPM	7.06E-08	30YrCancerDerived	*	7.06E-08	INHALATION
812 ALL	486473.12	3674698.41	0.000133677	9901 DieselExhPM	7.14E-08	30YrCancerDerived	*	7.14E-08	INHALATION
813 ALL	486493.96	3674698.41	0.000136407	9901 DieselExhPM	7.28E-08	30YrCancerDerived	*	7.28E-08	INHALATION
814 ALL	486514.8	3674698.41	0.000139025	9901 DieselExhPM	7.42E-08	30YrCancerDerived	*	7.42E-08	INHALATION
815 ALL	486535.64	3674698.41	0.000142167	9901 DieselExhPM	7.59E-08	30YrCancerDerived	*	7.59E-08	INHALATION
816 ALL	486556.48	3674698.41	0.000145249	9901 DieselExhPM	7.75E-08	30YrCancerDerived	*	7.75E-08	INHALATION
817 ALL	486577.32	3674698.41	0.000148636	9901 DieselExhPM	7.93E-08	30YrCancerDerived	*	7.93E-08	INHALATION
818 ALL	486598.16	3674698.41	0.000150849	9901 DieselExhPM	8.05E-08	30YrCancerDerived	*	8.05E-08	INHALATION
819 ALL	486619	3674698.41	0.000151879	9901 DieselExhPM	8.11E-08	30YrCancerDerived	*	8.11E-08	INHALATION
820 ALL	486639.84	3674698.41	0.000156535	9901 DieselExhPM	8.36E-08	30YrCancerDerived	*	8.36E-08	INHALATION
821 ALL	486660.68	3674698.41	0.000164166	9901 DieselExhPM	8.76E-08	30YrCancerDerived	*	8.76E-08	INHALATION
822 ALL	486431.44	3674718.29	0.000131539	9901 DieselExhPM	7.02E-08	30YrCancerDerived	*	7.02E-08	INHALATION
823 ALL	486452.28	3674718.29	0.000132106	9901 DieselExhPM	7.05E-08	30YrCancerDerived	*	7.05E-08	INHALATION
824 ALL	486473.12	3674718.29	0.000134537	9901 DieselExhPM	7.18E-08	30YrCancerDerived	*	7.18E-08	INHALATION
825 ALL	486493.96	3674718.29	0.000137736	9901 DieselExhPM	7.35E-08	30YrCancerDerived	*	7.35E-08	INHALATION
826 ALL	486514.8	3674718.29	0.00014062	9901 DieselExhPM	7.51E-08	30YrCancerDerived	*	7.51E-08	INHALATION
827 ALL	486535.64	3674718.29	0.000143192	9901 DieselExhPM	7.64E-08	30YrCancerDerived	*	7.64E-08	INHALATION
828 ALL	486556.48	3674718.29	0.000146588	9901 DieselExhPM	7.83E-08	30YrCancerDerived	*	7.83E-08	INHALATION
829 ALL	486577.32	3674718.29	0.000149312	9901 DieselExhPM	7.97E-08	30YrCancerDerived	*	7.97E-08	INHALATION
830 ALL	486598.16	3674718.29	0.000148983	9901 DieselExhPM	7.95E-08	30YrCancerDerived	*	7.95E-08	INHALATION
831 ALL	486619	3674718.29	0.000152865	9901 DieselExhPM	8.16E-08	30YrCancerDerived	*	8.16E-08	INHALATION
832 ALL	486639.84	3674718.29	0.000161176	9901 DieselExhPM	0.000000086	30YrCancerDerived	*	0.000000086	INHALATION
833 ALL	486452.28	3674738.17	0.000131957	9901 DieselExhPM	7.04E-08	30YrCancerDerived	*	7.04E-08	INHALATION
834 ALL	486473.12	3674738.17	0.000135556	9901 DieselExhPM	7.24E-08	30YrCancerDerived	*	7.24E-08	INHALATION
835 ALL	486493.96	3674738.17	0.000140158	9901 DieselExhPM	7.48E-08	30YrCancerDerived	*	7.48E-08	INHALATION
836 ALL	486514.8	3674738.17	0.000144258	9901 DieselExhPM	0.000000077	30YrCancerDerived	*	0.000000077	INHALATION
837 ALL	486535.64	3674738.17	0.000147577	9901 DieselExhPM	7.88E-08	30YrCancerDerived	*	7.88E-08	INHALATION
838 ALL	486556.48	3674738.17	0.000151143	9901 DieselExhPM	8.07E-08	30YrCancerDerived	*	8.07E-08	INHALATION

839 ALL	486577.32	3674738.17	0.000152295	9901 DieselExhPM	8.13E-08	30YrCancerDerived	*	8.13E-08	INHALATION
840 ALL	486598.16	3674738.17	0.00015277	9901 DieselExhPM	8.16E-08	30YrCancerDerived	*	8.16E-08	INHALATION
841 ALL	486619	3674738.17	0.000158482	9901 DieselExhPM	8.46E-08	30YrCancerDerived	*	8.46E-08	INHALATION
842 ALL	486473.12	3674758.05	0.000136855	9901 DieselExhPM	7.31E-08	30YrCancerDerived	*	7.31E-08	INHALATION
843 ALL	486493.96	3674758.05	0.000142238	9901 DieselExhPM	7.59E-08	30YrCancerDerived	*	7.59E-08	INHALATION
844 ALL	486514.8	3674758.05	0.000148916	9901 DieselExhPM	7.95E-08	30YrCancerDerived	*	7.95E-08	INHALATION
845 ALL	486535.64	3674758.05	0.000153001	9901 DieselExhPM	8.17E-08	30YrCancerDerived	*	8.17E-08	INHALATION
846 ALL	486556.48	3674758.05	0.000156991	9901 DieselExhPM	8.38E-08	30YrCancerDerived	*	8.38E-08	INHALATION
847 ALL	486577.32	3674758.05	0.000158833	9901 DieselExhPM	8.48E-08	30YrCancerDerived	*	8.48E-08	INHALATION
848 ALL	486139.68	3674777.93	0.000168674	9901 DieselExhPM	0.00000009	30YrCancerDerived	*	0.00000009	INHALATION
849 ALL	486514.8	3674777.93	0.000152276	9901 DieselExhPM	8.13E-08	30YrCancerDerived	*	8.13E-08	INHALATION
850 ALL	486535.64	3674777.93	0.000158682	9901 DieselExhPM	8.47E-08	30YrCancerDerived	*	8.47E-08	INHALATION
851 ALL	486556.48	3674777.93	0.000164183	9901 DieselExhPM	8.76E-08	30YrCancerDerived	*	8.76E-08	INHALATION
852 ALL	486139.68	3674797.81	0.0001814	9901 DieselExhPM	9.68E-08	30YrCancerDerived	*	9.68E-08	INHALATION
853 ALL	486160.52	3674797.81	0.000169668	9901 DieselExhPM	9.06E-08	30YrCancerDerived	*	9.06E-08	INHALATION
854 ALL	486181.36	3674797.81	0.000162362	9901 DieselExhPM	8.67E-08	30YrCancerDerived	*	8.67E-08	INHALATION
855 ALL	486202.2	3674797.81	0.000155677	9901 DieselExhPM	8.31E-08	30YrCancerDerived	*	8.31E-08	INHALATION
856 ALL	486243.88	3674797.81	0.000150348	9901 DieselExhPM	8.03E-08	30YrCancerDerived	*	8.03E-08	INHALATION
857 ALL	486264.72	3674797.81	0.000142758	9901 DieselExhPM	7.62E-08	30YrCancerDerived	*	7.62E-08	INHALATION
858 ALL	486285.56	3674797.81	0.000138545	9901 DieselExhPM	0.000000074	30YrCancerDerived	*	0.000000074	INHALATION
859 ALL	486306.4	3674797.81	0.000135051	9901 DieselExhPM	7.21E-08	30YrCancerDerived	*	7.21E-08	INHALATION
860 ALL	486535.64	3674797.81	0.000163527	9901 DieselExhPM	8.73E-08	30YrCancerDerived	*	8.73E-08	INHALATION
861 ALL	486556.48	3674797.81	0.000173804	9901 DieselExhPM	9.28E-08	30YrCancerDerived	*	9.28E-08	INHALATION
862 ALL	485868.76	3674817.69	0.000117573	9901 DieselExhPM	6.28E-08	30YrCancerDerived	*	6.28E-08	INHALATION
863 ALL	485889.6	3674817.69	0.00012191	9901 DieselExhPM	6.51E-08	30YrCancerDerived	*	6.51E-08	INHALATION
864 ALL	485910.44	3674817.69	0.000125851	9901 DieselExhPM	6.72E-08	30YrCancerDerived	*	6.72E-08	INHALATION
865 ALL	485931.28	3674817.69	0.000127972	9901 DieselExhPM	6.83E-08	30YrCancerDerived	*	6.83E-08	INHALATION
866 ALL	485952.12	3674817.69	0.000129978	9901 DieselExhPM	6.94E-08	30YrCancerDerived	*	6.94E-08	INHALATION
867 ALL	485972.96	3674817.69	0.000132066	9901 DieselExhPM	7.05E-08	30YrCancerDerived	*	7.05E-08	INHALATION
868 ALL	486118.84	3674817.69	0.000163696	9901 DieselExhPM	8.74E-08	30YrCancerDerived	*	8.74E-08	INHALATION
869 ALL	486139.68	3674817.69	0.000160722	9901 DieselExhPM	8.58E-08	30YrCancerDerived	*	8.58E-08	INHALATION
870 ALL	486160.52	3674817.69	0.000163583	9901 DieselExhPM	8.73E-08	30YrCancerDerived	*	8.73E-08	INHALATION
871 ALL	486181.36	3674817.69	0.000166323	9901 DieselExhPM	8.88E-08	30YrCancerDerived	*	8.88E-08	INHALATION
872 ALL	486202.2	3674817.69	0.000168326	9901 DieselExhPM	8.99E-08	30YrCancerDerived	*	8.99E-08	INHALATION
873 ALL	486223.04	3674817.69	0.000164015	9901 DieselExhPM	8.76E-08	30YrCancerDerived	*	8.76E-08	INHALATION

874 ALL	486243.88	3674817.69	0.000150646	9901 DieselExhPM	8.04E-08	30YrCancerDerived	*	8.04E-08	INHALATION
875 ALL	486264.72	3674817.69	0.000139511	9901 DieselExhPM	7.45E-08	30YrCancerDerived	*	7.45E-08	INHALATION
876 ALL	486285.56	3674817.69	0.000134189	9901 DieselExhPM	7.16E-08	30YrCancerDerived	*	7.16E-08	INHALATION
877 ALL	486306.4	3674817.69	0.000131426	9901 DieselExhPM	7.02E-08	30YrCancerDerived	*	7.02E-08	INHALATION
878 ALL	485868.76	3674837.57	0.000114925	9901 DieselExhPM	6.14E-08	30YrCancerDerived	*	6.14E-08	INHALATION
879 ALL	485889.6	3674837.57	0.000119882	9901 DieselExhPM	0.000000064	30YrCancerDerived	*	0.000000064	INHALATION
880 ALL	485910.44	3674837.57	0.000124835	9901 DieselExhPM	6.66E-08	30YrCancerDerived	*	6.66E-08	INHALATION
881 ALL	485931.28	3674837.57	0.000127849	9901 DieselExhPM	6.83E-08	30YrCancerDerived	*	6.83E-08	INHALATION
882 ALL	485952.12	3674837.57	0.000131119	9901 DieselExhPM	0.000000007	30YrCancerDerived	*	0.000000007	INHALATION
883 ALL	485972.96	3674837.57	0.000137131	9901 DieselExhPM	7.32E-08	30YrCancerDerived	*	7.32E-08	INHALATION
884 ALL	485993.8	3674837.57	0.000143912	9901 DieselExhPM	7.68E-08	30YrCancerDerived	*	7.68E-08	INHALATION
885 ALL	486014.64	3674837.57	0.000147197	9901 DieselExhPM	7.86E-08	30YrCancerDerived	*	7.86E-08	INHALATION
886 ALL	486035.48	3674837.57	0.000150191	9901 DieselExhPM	8.02E-08	30YrCancerDerived	*	8.02E-08	INHALATION
887 ALL	486077.16	3674837.57	0.00016018	9901 DieselExhPM	8.55E-08	30YrCancerDerived	*	8.55E-08	INHALATION
888 ALL	486098	3674837.57	0.000152935	9901 DieselExhPM	8.16E-08	30YrCancerDerived	*	8.16E-08	INHALATION
889 ALL	486118.84	3674837.57	0.000142561	9901 DieselExhPM	7.61E-08	30YrCancerDerived	*	7.61E-08	INHALATION
890 ALL	486139.68	3674837.57	0.000143221	9901 DieselExhPM	7.65E-08	30YrCancerDerived	*	7.65E-08	INHALATION
891 ALL	486160.52	3674837.57	0.00014372	9901 DieselExhPM	7.67E-08	30YrCancerDerived	*	7.67E-08	INHALATION
892 ALL	486181.36	3674837.57	0.000145536	9901 DieselExhPM	7.77E-08	30YrCancerDerived	*	7.77E-08	INHALATION
893 ALL	486202.2	3674837.57	0.000155217	9901 DieselExhPM	8.29E-08	30YrCancerDerived	*	8.29E-08	INHALATION
894 ALL	486223.04	3674837.57	0.000155956	9901 DieselExhPM	8.33E-08	30YrCancerDerived	*	8.33E-08	INHALATION
895 ALL	486243.88	3674837.57	0.000143255	9901 DieselExhPM	7.65E-08	30YrCancerDerived	*	7.65E-08	INHALATION
896 ALL	486264.72	3674837.57	0.000133692	9901 DieselExhPM	7.14E-08	30YrCancerDerived	*	7.14E-08	INHALATION
897 ALL	486285.56	3674837.57	0.000128931	9901 DieselExhPM	6.88E-08	30YrCancerDerived	*	6.88E-08	INHALATION
898 ALL	486306.4	3674837.57	0.000127778	9901 DieselExhPM	6.82E-08	30YrCancerDerived	*	6.82E-08	INHALATION
899 ALL	485722.88	3674857.45	0.0000867	9901 DieselExhPM	4.63E-08	30YrCancerDerived	*	4.63E-08	INHALATION
900 ALL	485743.72	3674857.45	0.0000913	9901 DieselExhPM	4.87E-08	30YrCancerDerived	*	4.87E-08	INHALATION
901 ALL	485764.56	3674857.45	0.0000956	9901 DieselExhPM	0.000000051	30YrCancerDerived	*	0.000000051	INHALATION
902 ALL	485785.4	3674857.45	0.000099	9901 DieselExhPM	5.29E-08	30YrCancerDerived	*	5.29E-08	INHALATION
903 ALL	485806.24	3674857.45	0.00010189	9901 DieselExhPM	5.44E-08	30YrCancerDerived	*	5.44E-08	INHALATION
904 ALL	485827.08	3674857.45	0.000104868	9901 DieselExhPM	0.000000056	30YrCancerDerived	*	0.000000056	INHALATION
905 ALL	485847.92	3674857.45	0.000108244	9901 DieselExhPM	5.78E-08	30YrCancerDerived	*	5.78E-08	INHALATION
906 ALL	485868.76	3674857.45	0.000112228	9901 DieselExhPM	5.99E-08	30YrCancerDerived	*	5.99E-08	INHALATION
907 ALL	485889.6	3674857.45	0.000116676	9901 DieselExhPM	6.23E-08	30YrCancerDerived	*	6.23E-08	INHALATION
908 ALL	485910.44	3674857.45	0.000121659	9901 DieselExhPM	6.49E-08	30YrCancerDerived	*	6.49E-08	INHALATION

909 ALL	485931.28	3674857.45	0.000125068	9901 DieselExhPM	6.68E-08	30YrCancerDerived	*	6.68E-08	INHALATION
910 ALL	485952.12	3674857.45	0.000127994	9901 DieselExhPM	6.83E-08	30YrCancerDerived	*	6.83E-08	INHALATION
911 ALL	485972.96	3674857.45	0.000133582	9901 DieselExhPM	7.13E-08	30YrCancerDerived	*	7.13E-08	INHALATION
912 ALL	485993.8	3674857.45	0.000140902	9901 DieselExhPM	7.52E-08	30YrCancerDerived	*	7.52E-08	INHALATION
913 ALL	486014.64	3674857.45	0.000145362	9901 DieselExhPM	7.76E-08	30YrCancerDerived	*	7.76E-08	INHALATION
914 ALL	486035.48	3674857.45	0.000151004	9901 DieselExhPM	8.06E-08	30YrCancerDerived	*	8.06E-08	INHALATION
915 ALL	486056.32	3674857.45	0.000157699	9901 DieselExhPM	8.42E-08	30YrCancerDerived	*	8.42E-08	INHALATION
916 ALL	486077.16	3674857.45	0.000154295	9901 DieselExhPM	8.24E-08	30YrCancerDerived	*	8.24E-08	INHALATION
917 ALL	486098	3674857.45	0.000136366	9901 DieselExhPM	7.28E-08	30YrCancerDerived	*	7.28E-08	INHALATION
918 ALL	486118.84	3674857.45	0.000127941	9901 DieselExhPM	6.83E-08	30YrCancerDerived	*	6.83E-08	INHALATION
919 ALL	486139.68	3674857.45	0.000129222	9901 DieselExhPM	0.000000069	30YrCancerDerived	*	0.000000069	INHALATION
920 ALL	486160.52	3674857.45	0.000131074	9901 DieselExhPM	0.000000007	30YrCancerDerived	*	0.000000007	INHALATION
921 ALL	486181.36	3674857.45	0.000132763	9901 DieselExhPM	7.09E-08	30YrCancerDerived	*	7.09E-08	INHALATION
922 ALL	486202.2	3674857.45	0.000142639	9901 DieselExhPM	7.61E-08	30YrCancerDerived	*	7.61E-08	INHALATION
923 ALL	486223.04	3674857.45	0.000149283	9901 DieselExhPM	7.97E-08	30YrCancerDerived	*	7.97E-08	INHALATION
924 ALL	486243.88	3674857.45	0.000139598	9901 DieselExhPM	7.45E-08	30YrCancerDerived	*	7.45E-08	INHALATION
925 ALL	486264.72	3674857.45	0.000132192	9901 DieselExhPM	7.06E-08	30YrCancerDerived	*	7.06E-08	INHALATION
926 ALL	486285.56	3674857.45	0.000127674	9901 DieselExhPM	6.82E-08	30YrCancerDerived	*	6.82E-08	INHALATION
927 ALL	486306.4	3674857.45	0.000125045	9901 DieselExhPM	6.68E-08	30YrCancerDerived	*	6.68E-08	INHALATION
928 ALL	485722.88	3674877.33	0.0000849	9901 DieselExhPM	4.53E-08	30YrCancerDerived	*	4.53E-08	INHALATION
929 ALL	485743.72	3674877.33	0.0000864	9901 DieselExhPM	4.61E-08	30YrCancerDerived	*	4.61E-08	INHALATION
930 ALL	485764.56	3674877.33	0.0000894	9901 DieselExhPM	4.77E-08	30YrCancerDerived	*	4.77E-08	INHALATION
931 ALL	485827.08	3674877.33	0.000102112	9901 DieselExhPM	5.45E-08	30YrCancerDerived	*	5.45E-08	INHALATION
932 ALL	485847.92	3674877.33	0.000105556	9901 DieselExhPM	5.64E-08	30YrCancerDerived	*	5.64E-08	INHALATION
933 ALL	485868.76	3674877.33	0.00010931	9901 DieselExhPM	5.84E-08	30YrCancerDerived	*	5.84E-08	INHALATION
934 ALL	485889.6	3674877.33	0.000113813	9901 DieselExhPM	6.08E-08	30YrCancerDerived	*	6.08E-08	INHALATION
935 ALL	485910.44	3674877.33	0.000118129	9901 DieselExhPM	6.31E-08	30YrCancerDerived	*	6.31E-08	INHALATION
936 ALL	485931.28	3674877.33	0.000122058	9901 DieselExhPM	6.52E-08	30YrCancerDerived	*	6.52E-08	INHALATION
937 ALL	485952.12	3674877.33	0.000125549	9901 DieselExhPM	0.000000067	30YrCancerDerived	*	0.000000067	INHALATION
938 ALL	485972.96	3674877.33	0.00013035	9901 DieselExhPM	6.96E-08	30YrCancerDerived	*	6.96E-08	INHALATION
939 ALL	485993.8	3674877.33	0.000130958	9901 DieselExhPM	6.99E-08	30YrCancerDerived	*	6.99E-08	INHALATION
940 ALL	486014.64	3674877.33	0.000133456	9901 DieselExhPM	7.12E-08	30YrCancerDerived	*	7.12E-08	INHALATION
941 ALL	486035.48	3674877.33	0.000143019	9901 DieselExhPM	7.64E-08	30YrCancerDerived	*	7.64E-08	INHALATION
942 ALL	486056.32	3674877.33	0.000154149	9901 DieselExhPM	8.23E-08	30YrCancerDerived	*	8.23E-08	INHALATION
943 ALL	486077.16	3674877.33	0.000146435	9901 DieselExhPM	7.82E-08	30YrCancerDerived	*	7.82E-08	INHALATION

944 ALL	486098	3674877.33	0.000127108	9901 DieselExhPM	6.79E-08	30YrCancerDerived	*	6.79E-08	INHALATION
945 ALL	486118.84	3674877.33	0.000120684	9901 DieselExhPM	6.44E-08	30YrCancerDerived	*	6.44E-08	INHALATION
946 ALL	486139.68	3674877.33	0.000121336	9901 DieselExhPM	6.48E-08	30YrCancerDerived	*	6.48E-08	INHALATION
947 ALL	486160.52	3674877.33	0.000123525	9901 DieselExhPM	6.59E-08	30YrCancerDerived	*	6.59E-08	INHALATION
948 ALL	486181.36	3674877.33	0.000127603	9901 DieselExhPM	6.81E-08	30YrCancerDerived	*	6.81E-08	INHALATION
949 ALL	486202.2	3674877.33	0.000134164	9901 DieselExhPM	7.16E-08	30YrCancerDerived	*	7.16E-08	INHALATION
950 ALL	486223.04	3674877.33	0.000139461	9901 DieselExhPM	7.45E-08	30YrCancerDerived	*	7.45E-08	INHALATION
951 ALL	486243.88	3674877.33	0.000135124	9901 DieselExhPM	7.21E-08	30YrCancerDerived	*	7.21E-08	INHALATION
952 ALL	486264.72	3674877.33	0.000129955	9901 DieselExhPM	6.94E-08	30YrCancerDerived	*	6.94E-08	INHALATION
953 ALL	486285.56	3674877.33	0.000126883	9901 DieselExhPM	6.77E-08	30YrCancerDerived	*	6.77E-08	INHALATION
954 ALL	486306.4	3674877.33	0.000124938	9901 DieselExhPM	6.67E-08	30YrCancerDerived	*	6.67E-08	INHALATION
955 ALL	485743.72	3674897.21	0.0000829	9901 DieselExhPM	4.43E-08	30YrCancerDerived	*	4.43E-08	INHALATION
956 ALL	485847.92	3674897.21	0.000102605	9901 DieselExhPM	5.48E-08	30YrCancerDerived	*	5.48E-08	INHALATION
957 ALL	485868.76	3674897.21	0.000106676	9901 DieselExhPM	5.69E-08	30YrCancerDerived	*	5.69E-08	INHALATION
958 ALL	485889.6	3674897.21	0.000111125	9901 DieselExhPM	5.93E-08	30YrCancerDerived	*	5.93E-08	INHALATION
959 ALL	485910.44	3674897.21	0.000115798	9901 DieselExhPM	6.18E-08	30YrCancerDerived	*	6.18E-08	INHALATION
960 ALL	485931.28	3674897.21	0.000119642	9901 DieselExhPM	6.39E-08	30YrCancerDerived	*	6.39E-08	INHALATION
961 ALL	485952.12	3674897.21	0.000123765	9901 DieselExhPM	6.61E-08	30YrCancerDerived	*	6.61E-08	INHALATION
962 ALL	485972.96	3674897.21	0.00012746	9901 DieselExhPM	0.000000068	30YrCancerDerived	*	0.000000068	INHALATION
963 ALL	485993.8	3674897.21	0.000124665	9901 DieselExhPM	6.66E-08	30YrCancerDerived	*	6.66E-08	INHALATION
964 ALL	486014.64	3674897.21	0.000127065	9901 DieselExhPM	6.78E-08	30YrCancerDerived	*	6.78E-08	INHALATION
965 ALL	486035.48	3674897.21	0.000136089	9901 DieselExhPM	7.27E-08	30YrCancerDerived	*	7.27E-08	INHALATION
966 ALL	486056.32	3674897.21	0.000151474	9901 DieselExhPM	8.09E-08	30YrCancerDerived	*	8.09E-08	INHALATION
967 ALL	486077.16	3674897.21	0.000142174	9901 DieselExhPM	7.59E-08	30YrCancerDerived	*	7.59E-08	INHALATION
968 ALL	486098	3674897.21	0.00012557	9901 DieselExhPM	0.000000067	30YrCancerDerived	*	0.000000067	INHALATION
969 ALL	486118.84	3674897.21	0.000119594	9901 DieselExhPM	6.38E-08	30YrCancerDerived	*	6.38E-08	INHALATION
970 ALL	486139.68	3674897.21	0.00011697	9901 DieselExhPM	6.24E-08	30YrCancerDerived	*	6.24E-08	INHALATION
971 ALL	486160.52	3674897.21	0.000118447	9901 DieselExhPM	6.32E-08	30YrCancerDerived	*	6.32E-08	INHALATION
972 ALL	486181.36	3674897.21	0.0001214	9901 DieselExhPM	6.48E-08	30YrCancerDerived	*	6.48E-08	INHALATION
973 ALL	486202.2	3674897.21	0.000128348	9901 DieselExhPM	6.85E-08	30YrCancerDerived	*	6.85E-08	INHALATION
974 ALL	486223.04	3674897.21	0.00013263	9901 DieselExhPM	7.08E-08	30YrCancerDerived	*	7.08E-08	INHALATION
975 ALL	486243.88	3674897.21	0.000132954	9901 DieselExhPM	0.000000071	30YrCancerDerived	*	0.000000071	INHALATION
976 ALL	486264.72	3674897.21	0.000127983	9901 DieselExhPM	6.83E-08	30YrCancerDerived	*	6.83E-08	INHALATION
977 ALL	486285.56	3674897.21	0.0001252	9901 DieselExhPM	6.68E-08	30YrCancerDerived	*	6.68E-08	INHALATION
978 ALL	486306.4	3674897.21	0.000123953	9901 DieselExhPM	6.62E-08	30YrCancerDerived	*	6.62E-08	INHALATION

979 ALL	486327.24	3674897.21	0.000124208	9901 DieselExhPM	6.63E-08	30YrCancerDerived	*	6.63E-08	INHALATION
980 ALL	485847.92	3674917.09	0.0000991	9901 DieselExhPM	5.29E-08	30YrCancerDerived	*	5.29E-08	INHALATION
981 ALL	485868.76	3674917.09	0.000103833	9901 DieselExhPM	5.54E-08	30YrCancerDerived	*	5.54E-08	INHALATION
982 ALL	485889.6	3674917.09	0.000108963	9901 DieselExhPM	5.82E-08	30YrCancerDerived	*	5.82E-08	INHALATION
983 ALL	485910.44	3674917.09	0.000113995	9901 DieselExhPM	6.09E-08	30YrCancerDerived	*	6.09E-08	INHALATION
984 ALL	485931.28	3674917.09	0.000117615	9901 DieselExhPM	6.28E-08	30YrCancerDerived	*	6.28E-08	INHALATION
985 ALL	485952.12	3674917.09	0.000120671	9901 DieselExhPM	6.44E-08	30YrCancerDerived	*	6.44E-08	INHALATION
986 ALL	485972.96	3674917.09	0.000120661	9901 DieselExhPM	6.44E-08	30YrCancerDerived	*	6.44E-08	INHALATION
987 ALL	485993.8	3674917.09	0.000119405	9901 DieselExhPM	6.37E-08	30YrCancerDerived	*	6.37E-08	INHALATION
988 ALL	486014.64	3674917.09	0.000120996	9901 DieselExhPM	6.46E-08	30YrCancerDerived	*	6.46E-08	INHALATION
989 ALL	486035.48	3674917.09	0.000131529	9901 DieselExhPM	7.02E-08	30YrCancerDerived	*	7.02E-08	INHALATION
990 ALL	486056.32	3674917.09	0.00014261	9901 DieselExhPM	7.61E-08	30YrCancerDerived	*	7.61E-08	INHALATION
991 ALL	486077.16	3674917.09	0.000140263	9901 DieselExhPM	7.49E-08	30YrCancerDerived	*	7.49E-08	INHALATION
992 ALL	486098	3674917.09	0.000128186	9901 DieselExhPM	6.84E-08	30YrCancerDerived	*	6.84E-08	INHALATION
993 ALL	486118.84	3674917.09	0.000121773	9901 DieselExhPM	0.000000065	30YrCancerDerived	*	0.000000065	INHALATION
994 ALL	486139.68	3674917.09	0.000117289	9901 DieselExhPM	6.26E-08	30YrCancerDerived	*	6.26E-08	INHALATION
995 ALL	486160.52	3674917.09	0.000115855	9901 DieselExhPM	6.18E-08	30YrCancerDerived	*	6.18E-08	INHALATION
996 ALL	486181.36	3674917.09	0.000116193	9901 DieselExhPM	0.000000062	30YrCancerDerived	*	0.000000062	INHALATION
997 ALL	486202.2	3674917.09	0.000121943	9901 DieselExhPM	6.51E-08	30YrCancerDerived	*	6.51E-08	INHALATION
998 ALL	486223.04	3674917.09	0.000127771	9901 DieselExhPM	6.82E-08	30YrCancerDerived	*	6.82E-08	INHALATION
999 ALL	486243.88	3674917.09	0.000130202	9901 DieselExhPM	6.95E-08	30YrCancerDerived	*	6.95E-08	INHALATION
1000 ALL	486264.72	3674917.09	0.000127986	9901 DieselExhPM	6.83E-08	30YrCancerDerived	*	6.83E-08	INHALATION
1001 ALL	486285.56	3674917.09	0.000126444	9901 DieselExhPM	6.75E-08	30YrCancerDerived	*	6.75E-08	INHALATION
1002 ALL	486306.4	3674917.09	0.000125238	9901 DieselExhPM	6.69E-08	30YrCancerDerived	*	6.69E-08	INHALATION
1003 ALL	486327.24	3674917.09	0.00012475	9901 DieselExhPM	6.66E-08	30YrCancerDerived	*	6.66E-08	INHALATION
1004 ALL	485868.76	3674936.97	0.000101103	9901 DieselExhPM	0.000000054	30YrCancerDerived	*	0.000000054	INHALATION
1005 ALL	485889.6	3674936.97	0.000106651	9901 DieselExhPM	5.69E-08	30YrCancerDerived	*	5.69E-08	INHALATION
1006 ALL	485910.44	3674936.97	0.000111654	9901 DieselExhPM	5.96E-08	30YrCancerDerived	*	5.96E-08	INHALATION
1007 ALL	485931.28	3674936.97	0.000115411	9901 DieselExhPM	6.16E-08	30YrCancerDerived	*	6.16E-08	INHALATION
1008 ALL	485952.12	3674936.97	0.000118146	9901 DieselExhPM	6.31E-08	30YrCancerDerived	*	6.31E-08	INHALATION
1009 ALL	485972.96	3674936.97	0.00011775	9901 DieselExhPM	6.29E-08	30YrCancerDerived	*	6.29E-08	INHALATION
1010 ALL	485993.8	3674936.97	0.000117431	9901 DieselExhPM	6.27E-08	30YrCancerDerived	*	6.27E-08	INHALATION
1011 ALL	486014.64	3674936.97	0.000117912	9901 DieselExhPM	6.29E-08	30YrCancerDerived	*	6.29E-08	INHALATION
1012 ALL	486035.48	3674936.97	0.000125753	9901 DieselExhPM	6.71E-08	30YrCancerDerived	*	6.71E-08	INHALATION
1013 ALL	486056.32	3674936.97	0.000135234	9901 DieselExhPM	7.22E-08	30YrCancerDerived	*	7.22E-08	INHALATION

1014 ALL	486077.16	3674936.97	0.000134405	9901 DieselExhPM	7.18E-08	30YrCancerDerived	*	7.18E-08	INHALATION
1015 ALL	486098	3674936.97	0.000128791	9901 DieselExhPM	6.88E-08	30YrCancerDerived	*	6.88E-08	INHALATION
1016 ALL	486118.84	3674936.97	0.000123137	9901 DieselExhPM	6.57E-08	30YrCancerDerived	*	6.57E-08	INHALATION
1017 ALL	486139.68	3674936.97	0.00011834	9901 DieselExhPM	6.32E-08	30YrCancerDerived	*	6.32E-08	INHALATION
1018 ALL	486160.52	3674936.97	0.000116334	9901 DieselExhPM	6.21E-08	30YrCancerDerived	*	6.21E-08	INHALATION
1019 ALL	486181.36	3674936.97	0.000115912	9901 DieselExhPM	6.19E-08	30YrCancerDerived	*	6.19E-08	INHALATION
1020 ALL	486202.2	3674936.97	0.000118051	9901 DieselExhPM	0.000000063	30YrCancerDerived	*	0.000000063	INHALATION
1021 ALL	486223.04	3674936.97	0.000123703	9901 DieselExhPM	0.000000066	30YrCancerDerived	*	0.000000066	INHALATION
1022 ALL	486243.88	3674936.97	0.000127371	9901 DieselExhPM	0.000000068	30YrCancerDerived	*	0.000000068	INHALATION
1023 ALL	486264.72	3674936.97	0.000128409	9901 DieselExhPM	6.86E-08	30YrCancerDerived	*	6.86E-08	INHALATION
1024 ALL	486285.56	3674936.97	0.000127648	9901 DieselExhPM	6.81E-08	30YrCancerDerived	*	6.81E-08	INHALATION
1025 ALL	486306.4	3674936.97	0.000127421	9901 DieselExhPM	0.000000068	30YrCancerDerived	*	0.000000068	INHALATION
1026 ALL	486327.24	3674936.97	0.000126238	9901 DieselExhPM	6.74E-08	30YrCancerDerived	*	6.74E-08	INHALATION
1027 ALL	486348.08	3674936.97	0.000126048	9901 DieselExhPM	6.73E-08	30YrCancerDerived	*	6.73E-08	INHALATION
1028 ALL	485889.6	3674956.85	0.00010499	9901 DieselExhPM	0.000000056	30YrCancerDerived	*	0.000000056	INHALATION
1029 ALL	485910.44	3674956.85	0.0001096	9901 DieselExhPM	5.85E-08	30YrCancerDerived	*	5.85E-08	INHALATION
1030 ALL	485931.28	3674956.85	0.000113339	9901 DieselExhPM	6.05E-08	30YrCancerDerived	*	6.05E-08	INHALATION
1031 ALL	485952.12	3674956.85	0.000116606	9901 DieselExhPM	6.23E-08	30YrCancerDerived	*	6.23E-08	INHALATION
1032 ALL	485972.96	3674956.85	0.000117348	9901 DieselExhPM	6.26E-08	30YrCancerDerived	*	6.26E-08	INHALATION
1033 ALL	485993.8	3674956.85	0.000116467	9901 DieselExhPM	6.22E-08	30YrCancerDerived	*	6.22E-08	INHALATION
1034 ALL	486014.64	3674956.85	0.000116226	9901 DieselExhPM	0.000000062	30YrCancerDerived	*	0.000000062	INHALATION
1035 ALL	486035.48	3674956.85	0.000121612	9901 DieselExhPM	6.49E-08	30YrCancerDerived	*	6.49E-08	INHALATION
1036 ALL	486056.32	3674956.85	0.000129621	9901 DieselExhPM	6.92E-08	30YrCancerDerived	*	6.92E-08	INHALATION
1037 ALL	486077.16	3674956.85	0.000130555	9901 DieselExhPM	6.97E-08	30YrCancerDerived	*	6.97E-08	INHALATION
1038 ALL	486098	3674956.85	0.000125757	9901 DieselExhPM	6.71E-08	30YrCancerDerived	*	6.71E-08	INHALATION
1039 ALL	486118.84	3674956.85	0.000122853	9901 DieselExhPM	6.56E-08	30YrCancerDerived	*	6.56E-08	INHALATION
1040 ALL	486139.68	3674956.85	0.000120007	9901 DieselExhPM	6.41E-08	30YrCancerDerived	*	6.41E-08	INHALATION
1041 ALL	486160.52	3674956.85	0.000117923	9901 DieselExhPM	0.000000063	30YrCancerDerived	*	0.000000063	INHALATION
1042 ALL	486181.36	3674956.85	0.000116799	9901 DieselExhPM	6.24E-08	30YrCancerDerived	*	6.24E-08	INHALATION
1043 ALL	486202.2	3674956.85	0.000117295	9901 DieselExhPM	6.26E-08	30YrCancerDerived	*	6.26E-08	INHALATION
1044 ALL	486223.04	3674956.85	0.000120716	9901 DieselExhPM	6.44E-08	30YrCancerDerived	*	6.44E-08	INHALATION
1045 ALL	486243.88	3674956.85	0.000124783	9901 DieselExhPM	6.66E-08	30YrCancerDerived	*	6.66E-08	INHALATION
1046 ALL	486264.72	3674956.85	0.000126199	9901 DieselExhPM	6.74E-08	30YrCancerDerived	*	6.74E-08	INHALATION
1047 ALL	486285.56	3674956.85	0.000126932	9901 DieselExhPM	6.78E-08	30YrCancerDerived	*	6.78E-08	INHALATION
1048 ALL	486306.4	3674956.85	0.000127249	9901 DieselExhPM	6.79E-08	30YrCancerDerived	*	6.79E-08	INHALATION

1049	ALL	486327.24	3674956.85	0.000127379	9901 DieselExhPM	0.000000068	30YrCancerDerived	*	0.000000068	INHALATION
1050	ALL	486348.08	3674956.85	0.000128563	9901 DieselExhPM	6.86E-08	30YrCancerDerived	*	6.86E-08	INHALATION
1051	ALL	486368.92	3674956.85	0.000131345	9901 DieselExhPM	7.01E-08	30YrCancerDerived	*	7.01E-08	INHALATION
1052	ALL	485889.6	3674976.73	0.000104867	9901 DieselExhPM	0.000000056	30YrCancerDerived	*	0.000000056	INHALATION
1053	ALL	485910.44	3674976.73	0.000109321	9901 DieselExhPM	5.84E-08	30YrCancerDerived	*	5.84E-08	INHALATION
1054	ALL	485931.28	3674976.73	0.000112909	9901 DieselExhPM	6.03E-08	30YrCancerDerived	*	6.03E-08	INHALATION
1055	ALL	485952.12	3674976.73	0.000119509	9901 DieselExhPM	6.38E-08	30YrCancerDerived	*	6.38E-08	INHALATION
1056	ALL	485972.96	3674976.73	0.00011918	9901 DieselExhPM	6.36E-08	30YrCancerDerived	*	6.36E-08	INHALATION
1057	ALL	485993.8	3674976.73	0.000116164	9901 DieselExhPM	0.000000062	30YrCancerDerived	*	0.000000062	INHALATION
1058	ALL	486014.64	3674976.73	0.000115311	9901 DieselExhPM	6.16E-08	30YrCancerDerived	*	6.16E-08	INHALATION
1059	ALL	486035.48	3674976.73	0.000119447	9901 DieselExhPM	6.38E-08	30YrCancerDerived	*	6.38E-08	INHALATION
1060	ALL	486056.32	3674976.73	0.00012575	9901 DieselExhPM	6.71E-08	30YrCancerDerived	*	6.71E-08	INHALATION
1061	ALL	486077.16	3674976.73	0.000128824	9901 DieselExhPM	6.88E-08	30YrCancerDerived	*	6.88E-08	INHALATION
1062	ALL	486098	3674976.73	0.000127611	9901 DieselExhPM	6.81E-08	30YrCancerDerived	*	6.81E-08	INHALATION
1063	ALL	486118.84	3674976.73	0.000126837	9901 DieselExhPM	6.77E-08	30YrCancerDerived	*	6.77E-08	INHALATION
1064	ALL	486139.68	3674976.73	0.000123537	9901 DieselExhPM	0.000000066	30YrCancerDerived	*	0.000000066	INHALATION
1065	ALL	486160.52	3674976.73	0.000119479	9901 DieselExhPM	6.38E-08	30YrCancerDerived	*	6.38E-08	INHALATION
1066	ALL	486181.36	3674976.73	0.00011725	9901 DieselExhPM	6.26E-08	30YrCancerDerived	*	6.26E-08	INHALATION
1067	ALL	486202.2	3674976.73	0.000117197	9901 DieselExhPM	6.26E-08	30YrCancerDerived	*	6.26E-08	INHALATION
1068	ALL	486223.04	3674976.73	0.000119712	9901 DieselExhPM	6.39E-08	30YrCancerDerived	*	6.39E-08	INHALATION
1069	ALL	486243.88	3674976.73	0.000123031	9901 DieselExhPM	6.57E-08	30YrCancerDerived	*	6.57E-08	INHALATION
1070	ALL	486264.72	3674976.73	0.000124327	9901 DieselExhPM	6.64E-08	30YrCancerDerived	*	6.64E-08	INHALATION
1071	ALL	486285.56	3674976.73	0.000125817	9901 DieselExhPM	6.72E-08	30YrCancerDerived	*	6.72E-08	INHALATION
1072	ALL	486306.4	3674976.73	0.000127564	9901 DieselExhPM	6.81E-08	30YrCancerDerived	*	6.81E-08	INHALATION
1073	ALL	486327.24	3674976.73	0.000130576	9901 DieselExhPM	6.97E-08	30YrCancerDerived	*	6.97E-08	INHALATION
1074	ALL	486348.08	3674976.73	0.000132558	9901 DieselExhPM	7.08E-08	30YrCancerDerived	*	7.08E-08	INHALATION
1075	ALL	486368.92	3674976.73	0.000134857	9901 DieselExhPM	0.000000072	30YrCancerDerived	*	0.000000072	INHALATION
1076	ALL	486389.76	3674976.73	0.000138599	9901 DieselExhPM	0.000000074	30YrCancerDerived	*	0.000000074	INHALATION
1077	ALL	486410.6	3674976.73	0.000143251	9901 DieselExhPM	7.65E-08	30YrCancerDerived	*	7.65E-08	INHALATION
1078	ALL	486431.44	3674976.73	0.0001469	9901 DieselExhPM	7.84E-08	30YrCancerDerived	*	7.84E-08	INHALATION
1079	ALL	485889.6	3674996.61	0.000104177	9901 DieselExhPM	5.56E-08	30YrCancerDerived	*	5.56E-08	INHALATION
1080	ALL	485910.44	3674996.61	0.000112883	9901 DieselExhPM	6.03E-08	30YrCancerDerived	*	6.03E-08	INHALATION
1081	ALL	485931.28	3674996.61	0.000118657	9901 DieselExhPM	6.33E-08	30YrCancerDerived	*	6.33E-08	INHALATION
1082	ALL	485952.12	3674996.61	0.000126547	9901 DieselExhPM	6.76E-08	30YrCancerDerived	*	6.76E-08	INHALATION
1083	ALL	485972.96	3674996.61	0.000119472	9901 DieselExhPM	6.38E-08	30YrCancerDerived	*	6.38E-08	INHALATION

1084 ALL	485993.8	3674996.61	0.000114788	9901 DieselExhPM	6.13E-08	30YrCancerDerived	*	6.13E-08	INHALATION
1085 ALL	486014.64	3674996.61	0.000113189	9901 DieselExhPM	6.04E-08	30YrCancerDerived	*	6.04E-08	INHALATION
1086 ALL	486035.48	3674996.61	0.000115815	9901 DieselExhPM	6.18E-08	30YrCancerDerived	*	6.18E-08	INHALATION
1087 ALL	486056.32	3674996.61	0.000122142	9901 DieselExhPM	6.52E-08	30YrCancerDerived	*	6.52E-08	INHALATION
1088 ALL	486077.16	3674996.61	0.000125271	9901 DieselExhPM	6.69E-08	30YrCancerDerived	*	6.69E-08	INHALATION
1089 ALL	486098	3674996.61	0.00012831	9901 DieselExhPM	6.85E-08	30YrCancerDerived	*	6.85E-08	INHALATION
1090 ALL	486118.84	3674996.61	0.000128957	9901 DieselExhPM	6.88E-08	30YrCancerDerived	*	6.88E-08	INHALATION
1091 ALL	486139.68	3674996.61	0.000124299	9901 DieselExhPM	6.64E-08	30YrCancerDerived	*	6.64E-08	INHALATION
1092 ALL	486160.52	3674996.61	0.000120354	9901 DieselExhPM	6.43E-08	30YrCancerDerived	*	6.43E-08	INHALATION
1093 ALL	486181.36	3674996.61	0.000118592	9901 DieselExhPM	6.33E-08	30YrCancerDerived	*	6.33E-08	INHALATION
1094 ALL	486202.2	3674996.61	0.000117953	9901 DieselExhPM	0.000000063	30YrCancerDerived	*	0.000000063	INHALATION
1095 ALL	486223.04	3674996.61	0.000119828	9901 DieselExhPM	0.000000064	30YrCancerDerived	*	0.000000064	INHALATION
1096 ALL	486243.88	3674996.61	0.000122367	9901 DieselExhPM	6.53E-08	30YrCancerDerived	*	6.53E-08	INHALATION
1097 ALL	486264.72	3674996.61	0.000123726	9901 DieselExhPM	6.61E-08	30YrCancerDerived	*	6.61E-08	INHALATION
1098 ALL	486285.56	3674996.61	0.000124491	9901 DieselExhPM	6.65E-08	30YrCancerDerived	*	6.65E-08	INHALATION
1099 ALL	486306.4	3674996.61	0.000127734	9901 DieselExhPM	6.82E-08	30YrCancerDerived	*	6.82E-08	INHALATION
1100 ALL	486327.24	3674996.61	0.000131724	9901 DieselExhPM	7.03E-08	30YrCancerDerived	*	7.03E-08	INHALATION
1101 ALL	486348.08	3674996.61	0.000136056	9901 DieselExhPM	7.26E-08	30YrCancerDerived	*	7.26E-08	INHALATION
1102 ALL	486368.92	3674996.61	0.000139065	9901 DieselExhPM	7.42E-08	30YrCancerDerived	*	7.42E-08	INHALATION
1103 ALL	486389.76	3674996.61	0.000141592	9901 DieselExhPM	7.56E-08	30YrCancerDerived	*	7.56E-08	INHALATION
1104 ALL	486410.6	3674996.61	0.000147976	9901 DieselExhPM	0.000000079	30YrCancerDerived	*	0.000000079	INHALATION
1105 ALL	486431.44	3674996.61	0.00015449	9901 DieselExhPM	8.25E-08	30YrCancerDerived	*	8.25E-08	INHALATION
1106 ALL	486452.28	3674996.61	0.000162184	9901 DieselExhPM	8.66E-08	30YrCancerDerived	*	8.66E-08	INHALATION
1107 ALL	486473.12	3674996.61	0.000166451	9901 DieselExhPM	8.89E-08	30YrCancerDerived	*	8.89E-08	INHALATION
1108 ALL	486493.96	3674996.61	0.000168661	9901 DieselExhPM	0.00000009	30YrCancerDerived	*	0.00000009	INHALATION
1109 ALL	486514.8	3674996.61	0.000171748	9901 DieselExhPM	9.17E-08	30YrCancerDerived	*	9.17E-08	INHALATION
1110 ALL	485889.6	3675016.49	0.000102393	9901 DieselExhPM	5.47E-08	30YrCancerDerived	*	5.47E-08	INHALATION
1111 ALL	485910.44	3675016.49	0.000113876	9901 DieselExhPM	6.08E-08	30YrCancerDerived	*	6.08E-08	INHALATION
1112 ALL	485931.28	3675016.49	0.000122303	9901 DieselExhPM	6.53E-08	30YrCancerDerived	*	6.53E-08	INHALATION
1113 ALL	485952.12	3675016.49	0.000129578	9901 DieselExhPM	6.92E-08	30YrCancerDerived	*	6.92E-08	INHALATION
1114 ALL	485972.96	3675016.49	0.000120433	9901 DieselExhPM	6.43E-08	30YrCancerDerived	*	6.43E-08	INHALATION
1115 ALL	485993.8	3675016.49	0.000114115	9901 DieselExhPM	6.09E-08	30YrCancerDerived	*	6.09E-08	INHALATION
1116 ALL	486014.64	3675016.49	0.000111686	9901 DieselExhPM	5.96E-08	30YrCancerDerived	*	5.96E-08	INHALATION
1117 ALL	486035.48	3675016.49	0.000112156	9901 DieselExhPM	5.99E-08	30YrCancerDerived	*	5.99E-08	INHALATION
1118 ALL	486056.32	3675016.49	0.000115349	9901 DieselExhPM	6.16E-08	30YrCancerDerived	*	6.16E-08	INHALATION

1119 ALL	486077.16	3675016.49	0.000119919	9901 DieselExhPM	0.000000064	30YrCancerDerived	*	0.000000064	INHALATION
1120 ALL	486098	3675016.49	0.000124198	9901 DieselExhPM	6.63E-08	30YrCancerDerived	*	6.63E-08	INHALATION
1121 ALL	486118.84	3675016.49	0.000123621	9901 DieselExhPM	0.000000066	30YrCancerDerived	*	0.000000066	INHALATION
1122 ALL	486139.68	3675016.49	0.000123086	9901 DieselExhPM	6.57E-08	30YrCancerDerived	*	6.57E-08	INHALATION
1123 ALL	486160.52	3675016.49	0.000122924	9901 DieselExhPM	6.56E-08	30YrCancerDerived	*	6.56E-08	INHALATION
1124 ALL	486181.36	3675016.49	0.000120744	9901 DieselExhPM	6.45E-08	30YrCancerDerived	*	6.45E-08	INHALATION
1125 ALL	486202.2	3675016.49	0.000120777	9901 DieselExhPM	6.45E-08	30YrCancerDerived	*	6.45E-08	INHALATION
1126 ALL	486223.04	3675016.49	0.000120719	9901 DieselExhPM	6.44E-08	30YrCancerDerived	*	6.44E-08	INHALATION
1127 ALL	486243.88	3675016.49	0.000121874	9901 DieselExhPM	6.51E-08	30YrCancerDerived	*	6.51E-08	INHALATION
1128 ALL	486264.72	3675016.49	0.000122967	9901 DieselExhPM	6.56E-08	30YrCancerDerived	*	6.56E-08	INHALATION
1129 ALL	486285.56	3675016.49	0.000123448	9901 DieselExhPM	6.59E-08	30YrCancerDerived	*	6.59E-08	INHALATION
1130 ALL	486306.4	3675016.49	0.000125791	9901 DieselExhPM	6.72E-08	30YrCancerDerived	*	6.72E-08	INHALATION
1131 ALL	486327.24	3675016.49	0.000131011	9901 DieselExhPM	6.99E-08	30YrCancerDerived	*	6.99E-08	INHALATION
1132 ALL	486348.08	3675016.49	0.000137631	9901 DieselExhPM	7.35E-08	30YrCancerDerived	*	7.35E-08	INHALATION
1133 ALL	486368.92	3675016.49	0.000145546	9901 DieselExhPM	7.77E-08	30YrCancerDerived	*	7.77E-08	INHALATION
1134 ALL	486389.76	3675016.49	0.000149245	9901 DieselExhPM	7.97E-08	30YrCancerDerived	*	7.97E-08	INHALATION
1135 ALL	486410.6	3675016.49	0.000154177	9901 DieselExhPM	8.23E-08	30YrCancerDerived	*	8.23E-08	INHALATION
1136 ALL	486431.44	3675016.49	0.000165574	9901 DieselExhPM	8.84E-08	30YrCancerDerived	*	8.84E-08	INHALATION
1137 ALL	486452.28	3675016.49	0.000177987	9901 DieselExhPM	0.000000095	30YrCancerDerived	*	0.000000095	INHALATION
1138 ALL	486473.12	3675016.49	0.00018533	9901 DieselExhPM	9.89E-08	30YrCancerDerived	*	9.89E-08	INHALATION
1139 ALL	486493.96	3675016.49	0.000190234	9901 DieselExhPM	0.000000102	30YrCancerDerived	*	0.000000102	INHALATION
1140 ALL	486514.8	3675016.49	0.000195594	9901 DieselExhPM	0.000000104	30YrCancerDerived	*	0.000000104	INHALATION
1141 ALL	485889.6	3675036.37	0.000101941	9901 DieselExhPM	5.44E-08	30YrCancerDerived	*	5.44E-08	INHALATION
1142 ALL	485910.44	3675036.37	0.000113567	9901 DieselExhPM	6.06E-08	30YrCancerDerived	*	6.06E-08	INHALATION
1143 ALL	485931.28	3675036.37	0.000122616	9901 DieselExhPM	6.55E-08	30YrCancerDerived	*	6.55E-08	INHALATION
1144 ALL	485952.12	3675036.37	0.000139901	9901 DieselExhPM	7.47E-08	30YrCancerDerived	*	7.47E-08	INHALATION
1145 ALL	485972.96	3675036.37	0.000125989	9901 DieselExhPM	6.73E-08	30YrCancerDerived	*	6.73E-08	INHALATION
1146 ALL	485993.8	3675036.37	0.000115494	9901 DieselExhPM	6.17E-08	30YrCancerDerived	*	6.17E-08	INHALATION
1147 ALL	486014.64	3675036.37	0.000113091	9901 DieselExhPM	6.04E-08	30YrCancerDerived	*	6.04E-08	INHALATION
1148 ALL	486035.48	3675036.37	0.00011172	9901 DieselExhPM	5.96E-08	30YrCancerDerived	*	5.96E-08	INHALATION
1149 ALL	486056.32	3675036.37	0.000112822	9901 DieselExhPM	6.02E-08	30YrCancerDerived	*	6.02E-08	INHALATION
1150 ALL	486077.16	3675036.37	0.000115744	9901 DieselExhPM	6.18E-08	30YrCancerDerived	*	6.18E-08	INHALATION
1151 ALL	486098	3675036.37	0.000118802	9901 DieselExhPM	6.34E-08	30YrCancerDerived	*	6.34E-08	INHALATION
1152 ALL	486118.84	3675036.37	0.000119775	9901 DieselExhPM	6.39E-08	30YrCancerDerived	*	6.39E-08	INHALATION
1153 ALL	486139.68	3675036.37	0.000119049	9901 DieselExhPM	6.36E-08	30YrCancerDerived	*	6.36E-08	INHALATION

1154	ALL	486160.52	3675036.37	0.000120537	9901 DieselExhPM	6.43E-08	30YrCancerDerived	*	6.43E-08	INHALATION
1155	ALL	486181.36	3675036.37	0.000120699	9901 DieselExhPM	6.44E-08	30YrCancerDerived	*	6.44E-08	INHALATION
1156	ALL	486202.2	3675036.37	0.000119874	9901 DieselExhPM	0.000000064	30YrCancerDerived	*	0.000000064	INHALATION
1157	ALL	486223.04	3675036.37	0.000119726	9901 DieselExhPM	6.39E-08	30YrCancerDerived	*	6.39E-08	INHALATION
1158	ALL	486243.88	3675036.37	0.000121353	9901 DieselExhPM	6.48E-08	30YrCancerDerived	*	6.48E-08	INHALATION
1159	ALL	486264.72	3675036.37	0.000123452	9901 DieselExhPM	6.59E-08	30YrCancerDerived	*	6.59E-08	INHALATION
1160	ALL	486285.56	3675036.37	0.000124976	9901 DieselExhPM	6.67E-08	30YrCancerDerived	*	6.67E-08	INHALATION
1161	ALL	486306.4	3675036.37	0.000127162	9901 DieselExhPM	6.79E-08	30YrCancerDerived	*	6.79E-08	INHALATION
1162	ALL	486327.24	3675036.37	0.000132295	9901 DieselExhPM	7.06E-08	30YrCancerDerived	*	7.06E-08	INHALATION
1163	ALL	486348.08	3675036.37	0.000140139	9901 DieselExhPM	7.48E-08	30YrCancerDerived	*	7.48E-08	INHALATION
1164	ALL	486368.92	3675036.37	0.000152288	9901 DieselExhPM	8.13E-08	30YrCancerDerived	*	8.13E-08	INHALATION
1165	ALL	486389.76	3675036.37	0.000163851	9901 DieselExhPM	8.75E-08	30YrCancerDerived	*	8.75E-08	INHALATION
1166	ALL	486410.6	3675036.37	0.000170194	9901 DieselExhPM	9.09E-08	30YrCancerDerived	*	9.09E-08	INHALATION
1167	ALL	486431.44	3675036.37	0.00018402	9901 DieselExhPM	9.82E-08	30YrCancerDerived	*	9.82E-08	INHALATION
1168	ALL	486452.28	3675036.37	0.000195248	9901 DieselExhPM	0.000000104	30YrCancerDerived	*	0.000000104	INHALATION
1169	ALL	486473.12	3675036.37	0.000203273	9901 DieselExhPM	0.000000109	30YrCancerDerived	*	0.000000109	INHALATION
1170	ALL	486493.96	3675036.37	0.000213907	9901 DieselExhPM	0.000000114	30YrCancerDerived	*	0.000000114	INHALATION
1171	ALL	486514.8	3675036.37	0.000223107	9901 DieselExhPM	0.000000119	30YrCancerDerived	*	0.000000119	INHALATION
1172	ALL	485889.6	3675056.25	0.000102704	9901 DieselExhPM	5.48E-08	30YrCancerDerived	*	5.48E-08	INHALATION
1173	ALL	485910.44	3675056.25	0.000114744	9901 DieselExhPM	6.13E-08	30YrCancerDerived	*	6.13E-08	INHALATION
1174	ALL	485931.28	3675056.25	0.000130544	9901 DieselExhPM	6.97E-08	30YrCancerDerived	*	6.97E-08	INHALATION
1175	ALL	485952.12	3675056.25	0.000146267	9901 DieselExhPM	7.81E-08	30YrCancerDerived	*	7.81E-08	INHALATION
1176	ALL	485972.96	3675056.25	0.000136593	9901 DieselExhPM	7.29E-08	30YrCancerDerived	*	7.29E-08	INHALATION
1177	ALL	485993.8	3675056.25	0.000121698	9901 DieselExhPM	0.000000065	30YrCancerDerived	*	0.000000065	INHALATION
1178	ALL	486014.64	3675056.25	0.000116973	9901 DieselExhPM	6.24E-08	30YrCancerDerived	*	6.24E-08	INHALATION
1179	ALL	486035.48	3675056.25	0.000113083	9901 DieselExhPM	6.04E-08	30YrCancerDerived	*	6.04E-08	INHALATION
1180	ALL	486056.32	3675056.25	0.000113156	9901 DieselExhPM	6.04E-08	30YrCancerDerived	*	6.04E-08	INHALATION
1181	ALL	486077.16	3675056.25	0.00011294	9901 DieselExhPM	6.03E-08	30YrCancerDerived	*	6.03E-08	INHALATION
1182	ALL	486098	3675056.25	0.000114066	9901 DieselExhPM	6.09E-08	30YrCancerDerived	*	6.09E-08	INHALATION
1183	ALL	486118.84	3675056.25	0.000115696	9901 DieselExhPM	6.18E-08	30YrCancerDerived	*	6.18E-08	INHALATION
1184	ALL	486139.68	3675056.25	0.000115327	9901 DieselExhPM	6.16E-08	30YrCancerDerived	*	6.16E-08	INHALATION
1185	ALL	486160.52	3675056.25	0.000115839	9901 DieselExhPM	6.18E-08	30YrCancerDerived	*	6.18E-08	INHALATION
1186	ALL	486181.36	3675056.25	0.000118036	9901 DieselExhPM	0.000000063	30YrCancerDerived	*	0.000000063	INHALATION
1187	ALL	486202.2	3675056.25	0.000117558	9901 DieselExhPM	6.28E-08	30YrCancerDerived	*	6.28E-08	INHALATION
1188	ALL	486223.04	3675056.25	0.000118367	9901 DieselExhPM	6.32E-08	30YrCancerDerived	*	6.32E-08	INHALATION

1189	ALL	486243.88	3675056.25	0.000121265	9901 DieselExhPM	6.47E-08	30YrCancerDerived	*	6.47E-08	INHALATION
1190	ALL	486264.72	3675056.25	0.000124832	9901 DieselExhPM	6.66E-08	30YrCancerDerived	*	6.66E-08	INHALATION
1191	ALL	486285.56	3675056.25	0.000128193	9901 DieselExhPM	6.84E-08	30YrCancerDerived	*	6.84E-08	INHALATION
1192	ALL	486306.4	3675056.25	0.00013155	9901 DieselExhPM	7.02E-08	30YrCancerDerived	*	7.02E-08	INHALATION
1193	ALL	486327.24	3675056.25	0.00013673	9901 DieselExhPM	0.000000073	30YrCancerDerived	*	0.000000073	INHALATION
1194	ALL	486348.08	3675056.25	0.000147744	9901 DieselExhPM	7.89E-08	30YrCancerDerived	*	7.89E-08	INHALATION
1195	ALL	486368.92	3675056.25	0.000161265	9901 DieselExhPM	8.61E-08	30YrCancerDerived	*	8.61E-08	INHALATION
1196	ALL	486389.76	3675056.25	0.000169932	9901 DieselExhPM	9.07E-08	30YrCancerDerived	*	9.07E-08	INHALATION
1197	ALL	486410.6	3675056.25	0.000175206	9901 DieselExhPM	9.35E-08	30YrCancerDerived	*	9.35E-08	INHALATION
1198	ALL	486431.44	3675056.25	0.000185016	9901 DieselExhPM	9.88E-08	30YrCancerDerived	*	9.88E-08	INHALATION
1199	ALL	486452.28	3675056.25	0.000193681	9901 DieselExhPM	0.000000103	30YrCancerDerived	*	0.000000103	INHALATION
1200	ALL	486473.12	3675056.25	0.000202918	9901 DieselExhPM	0.000000108	30YrCancerDerived	*	0.000000108	INHALATION
1201	ALL	486493.96	3675056.25	0.000218757	9901 DieselExhPM	0.000000117	30YrCancerDerived	*	0.000000117	INHALATION
1202	ALL	486514.8	3675056.25	0.000236337	9901 DieselExhPM	0.000000126	30YrCancerDerived	*	0.000000126	INHALATION
1203	ALL	485889.6	3675076.13	0.000104081	9901 DieselExhPM	5.56E-08	30YrCancerDerived	*	5.56E-08	INHALATION
1204	ALL	485910.44	3675076.13	0.000115064	9901 DieselExhPM	6.14E-08	30YrCancerDerived	*	6.14E-08	INHALATION
1205	ALL	485931.28	3675076.13	0.000133503	9901 DieselExhPM	7.13E-08	30YrCancerDerived	*	7.13E-08	INHALATION
1206	ALL	485952.12	3675076.13	0.00015242	9901 DieselExhPM	8.14E-08	30YrCancerDerived	*	8.14E-08	INHALATION
1207	ALL	485972.96	3675076.13	0.000134111	9901 DieselExhPM	7.16E-08	30YrCancerDerived	*	7.16E-08	INHALATION
1208	ALL	485993.8	3675076.13	0.00011827	9901 DieselExhPM	6.31E-08	30YrCancerDerived	*	6.31E-08	INHALATION
1209	ALL	486014.64	3675076.13	0.000114631	9901 DieselExhPM	6.12E-08	30YrCancerDerived	*	6.12E-08	INHALATION
1210	ALL	486035.48	3675076.13	0.00011423	9901 DieselExhPM	0.000000061	30YrCancerDerived	*	0.000000061	INHALATION
1211	ALL	486056.32	3675076.13	0.000113626	9901 DieselExhPM	6.07E-08	30YrCancerDerived	*	6.07E-08	INHALATION
1212	ALL	486077.16	3675076.13	0.000112746	9901 DieselExhPM	6.02E-08	30YrCancerDerived	*	6.02E-08	INHALATION
1213	ALL	486098	3675076.13	0.000110979	9901 DieselExhPM	5.92E-08	30YrCancerDerived	*	5.92E-08	INHALATION
1214	ALL	486118.84	3675076.13	0.000111416	9901 DieselExhPM	5.95E-08	30YrCancerDerived	*	5.95E-08	INHALATION
1215	ALL	486139.68	3675076.13	0.000111836	9901 DieselExhPM	5.97E-08	30YrCancerDerived	*	5.97E-08	INHALATION
1216	ALL	486160.52	3675076.13	0.000111424	9901 DieselExhPM	5.95E-08	30YrCancerDerived	*	5.95E-08	INHALATION
1217	ALL	486181.36	3675076.13	0.00011309	9901 DieselExhPM	6.04E-08	30YrCancerDerived	*	6.04E-08	INHALATION
1218	ALL	486202.2	3675076.13	0.000115244	9901 DieselExhPM	6.15E-08	30YrCancerDerived	*	6.15E-08	INHALATION
1219	ALL	486223.04	3675076.13	0.000117473	9901 DieselExhPM	6.27E-08	30YrCancerDerived	*	6.27E-08	INHALATION
1220	ALL	486243.88	3675076.13	0.000121359	9901 DieselExhPM	6.48E-08	30YrCancerDerived	*	6.48E-08	INHALATION
1221	ALL	486264.72	3675076.13	0.000125937	9901 DieselExhPM	6.72E-08	30YrCancerDerived	*	6.72E-08	INHALATION
1222	ALL	486285.56	3675076.13	0.000131389	9901 DieselExhPM	7.01E-08	30YrCancerDerived	*	7.01E-08	INHALATION
1223	ALL	486306.4	3675076.13	0.000137777	9901 DieselExhPM	7.36E-08	30YrCancerDerived	*	7.36E-08	INHALATION

1224 ALL	486327.24	3675076.13	0.000144212	9901 DieselExhPM	0.000000077	30YrCancerDerived	*	0.000000077	INHALATION
1225 ALL	486348.08	3675076.13	0.000152385	9901 DieselExhPM	8.14E-08	30YrCancerDerived	*	8.14E-08	INHALATION
1226 ALL	486368.92	3675076.13	0.0001555	9901 DieselExhPM	0.000000083	30YrCancerDerived	*	0.000000083	INHALATION
1227 ALL	486389.76	3675076.13	0.000159301	9901 DieselExhPM	0.000000085	30YrCancerDerived	*	0.000000085	INHALATION
1228 ALL	486410.6	3675076.13	0.000163868	9901 DieselExhPM	8.75E-08	30YrCancerDerived	*	8.75E-08	INHALATION
1229 ALL	486431.44	3675076.13	0.000170038	9901 DieselExhPM	9.08E-08	30YrCancerDerived	*	9.08E-08	INHALATION
1230 ALL	486452.28	3675076.13	0.000177564	9901 DieselExhPM	9.48E-08	30YrCancerDerived	*	9.48E-08	INHALATION
1231 ALL	486473.12	3675076.13	0.000186226	9901 DieselExhPM	9.94E-08	30YrCancerDerived	*	9.94E-08	INHALATION
1232 ALL	486493.96	3675076.13	0.00019772	9901 DieselExhPM	0.000000106	30YrCancerDerived	*	0.000000106	INHALATION
1233 ALL	486514.8	3675076.13	0.000212697	9901 DieselExhPM	0.000000114	30YrCancerDerived	*	0.000000114	INHALATION
1234 ALL	485889.6	3675096.01	0.000103666	9901 DieselExhPM	5.53E-08	30YrCancerDerived	*	5.53E-08	INHALATION
1235 ALL	485910.44	3675096.01	0.000116451	9901 DieselExhPM	6.22E-08	30YrCancerDerived	*	6.22E-08	INHALATION
1236 ALL	485931.28	3675096.01	0.000141059	9901 DieselExhPM	7.53E-08	30YrCancerDerived	*	7.53E-08	INHALATION
1237 ALL	485952.12	3675096.01	0.000166983	9901 DieselExhPM	8.91E-08	30YrCancerDerived	*	8.91E-08	INHALATION
1238 ALL	485972.96	3675096.01	0.000141105	9901 DieselExhPM	7.53E-08	30YrCancerDerived	*	7.53E-08	INHALATION
1239 ALL	485993.8	3675096.01	0.000119784	9901 DieselExhPM	6.39E-08	30YrCancerDerived	*	6.39E-08	INHALATION
1240 ALL	486014.64	3675096.01	0.00011488	9901 DieselExhPM	6.13E-08	30YrCancerDerived	*	6.13E-08	INHALATION
1241 ALL	486035.48	3675096.01	0.000116053	9901 DieselExhPM	0.000000062	30YrCancerDerived	*	0.000000062	INHALATION
1242 ALL	486056.32	3675096.01	0.000117596	9901 DieselExhPM	6.28E-08	30YrCancerDerived	*	6.28E-08	INHALATION
1243 ALL	486077.16	3675096.01	0.000117797	9901 DieselExhPM	6.29E-08	30YrCancerDerived	*	6.29E-08	INHALATION
1244 ALL	486098	3675096.01	0.000114004	9901 DieselExhPM	6.09E-08	30YrCancerDerived	*	6.09E-08	INHALATION
1245 ALL	486118.84	3675096.01	0.000109717	9901 DieselExhPM	5.86E-08	30YrCancerDerived	*	5.86E-08	INHALATION
1246 ALL	486139.68	3675096.01	0.000108812	9901 DieselExhPM	5.81E-08	30YrCancerDerived	*	5.81E-08	INHALATION
1247 ALL	486160.52	3675096.01	0.000108692	9901 DieselExhPM	0.000000058	30YrCancerDerived	*	0.000000058	INHALATION
1248 ALL	486181.36	3675096.01	0.000110373	9901 DieselExhPM	5.89E-08	30YrCancerDerived	*	5.89E-08	INHALATION
1249 ALL	486202.2	3675096.01	0.000112977	9901 DieselExhPM	6.03E-08	30YrCancerDerived	*	6.03E-08	INHALATION
1250 ALL	486223.04	3675096.01	0.000116875	9901 DieselExhPM	6.24E-08	30YrCancerDerived	*	6.24E-08	INHALATION
1251 ALL	486243.88	3675096.01	0.000121707	9901 DieselExhPM	0.000000065	30YrCancerDerived	*	0.000000065	INHALATION
1252 ALL	486264.72	3675096.01	0.000127265	9901 DieselExhPM	6.79E-08	30YrCancerDerived	*	6.79E-08	INHALATION
1253 ALL	486285.56	3675096.01	0.000133775	9901 DieselExhPM	7.14E-08	30YrCancerDerived	*	7.14E-08	INHALATION
1254 ALL	486306.4	3675096.01	0.00014074	9901 DieselExhPM	7.51E-08	30YrCancerDerived	*	7.51E-08	INHALATION
1255 ALL	486327.24	3675096.01	0.000142771	9901 DieselExhPM	7.62E-08	30YrCancerDerived	*	7.62E-08	INHALATION
1256 ALL	486348.08	3675096.01	0.000143606	9901 DieselExhPM	7.67E-08	30YrCancerDerived	*	7.67E-08	INHALATION
1257 ALL	486368.92	3675096.01	0.000145202	9901 DieselExhPM	7.75E-08	30YrCancerDerived	*	7.75E-08	INHALATION
1258 ALL	486389.76	3675096.01	0.000147877	9901 DieselExhPM	7.89E-08	30YrCancerDerived	*	7.89E-08	INHALATION

1259	ALL	486410.6	3675096.01	0.000151046	9901 DieselExhPM	8.06E-08	30YrCancerDerived	*	8.06E-08	INHALATION
1260	ALL	486431.44	3675096.01	0.000155204	9901 DieselExhPM	8.29E-08	30YrCancerDerived	*	8.29E-08	INHALATION
1261	ALL	486452.28	3675096.01	0.000161837	9901 DieselExhPM	8.64E-08	30YrCancerDerived	*	8.64E-08	INHALATION
1262	ALL	486473.12	3675096.01	0.000169355	9901 DieselExhPM	9.04E-08	30YrCancerDerived	*	9.04E-08	INHALATION
1263	ALL	486493.96	3675096.01	0.000178576	9901 DieselExhPM	9.53E-08	30YrCancerDerived	*	9.53E-08	INHALATION
1264	ALL	486514.8	3675096.01	0.000191081	9901 DieselExhPM	0.000000102	30YrCancerDerived	*	0.000000102	INHALATION
1265	ALL	485889.6	3675115.89	0.00010654	9901 DieselExhPM	5.69E-08	30YrCancerDerived	*	5.69E-08	INHALATION
1266	ALL	485910.44	3675115.89	0.000116623	9901 DieselExhPM	6.23E-08	30YrCancerDerived	*	6.23E-08	INHALATION
1267	ALL	485931.28	3675115.89	0.00013863	9901 DieselExhPM	0.000000074	30YrCancerDerived	*	0.000000074	INHALATION
1268	ALL	485952.12	3675115.89	0.000185276	9901 DieselExhPM	9.89E-08	30YrCancerDerived	*	9.89E-08	INHALATION
1269	ALL	485972.96	3675115.89	0.00017214	9901 DieselExhPM	9.19E-08	30YrCancerDerived	*	9.19E-08	INHALATION
1270	ALL	485993.8	3675115.89	0.000140146	9901 DieselExhPM	7.48E-08	30YrCancerDerived	*	7.48E-08	INHALATION
1271	ALL	486014.64	3675115.89	0.000128849	9901 DieselExhPM	6.88E-08	30YrCancerDerived	*	6.88E-08	INHALATION
1272	ALL	486035.48	3675115.89	0.000126182	9901 DieselExhPM	6.74E-08	30YrCancerDerived	*	6.74E-08	INHALATION
1273	ALL	486056.32	3675115.89	0.000126459	9901 DieselExhPM	6.75E-08	30YrCancerDerived	*	6.75E-08	INHALATION
1274	ALL	486077.16	3675115.89	0.000124137	9901 DieselExhPM	6.63E-08	30YrCancerDerived	*	6.63E-08	INHALATION
1275	ALL	486098	3675115.89	0.000117536	9901 DieselExhPM	6.27E-08	30YrCancerDerived	*	6.27E-08	INHALATION
1276	ALL	486118.84	3675115.89	0.000111473	9901 DieselExhPM	5.95E-08	30YrCancerDerived	*	5.95E-08	INHALATION
1277	ALL	486139.68	3675115.89	0.000108876	9901 DieselExhPM	5.81E-08	30YrCancerDerived	*	5.81E-08	INHALATION
1278	ALL	486160.52	3675115.89	0.000108607	9901 DieselExhPM	0.000000058	30YrCancerDerived	*	0.000000058	INHALATION
1279	ALL	486181.36	3675115.89	0.000109541	9901 DieselExhPM	5.85E-08	30YrCancerDerived	*	5.85E-08	INHALATION
1280	ALL	486202.2	3675115.89	0.000112259	9901 DieselExhPM	5.99E-08	30YrCancerDerived	*	5.99E-08	INHALATION
1281	ALL	486223.04	3675115.89	0.00011759	9901 DieselExhPM	6.28E-08	30YrCancerDerived	*	6.28E-08	INHALATION
1282	ALL	486243.88	3675115.89	0.000122436	9901 DieselExhPM	6.54E-08	30YrCancerDerived	*	6.54E-08	INHALATION
1283	ALL	486264.72	3675115.89	0.000126987	9901 DieselExhPM	6.78E-08	30YrCancerDerived	*	6.78E-08	INHALATION
1284	ALL	486285.56	3675115.89	0.000130036	9901 DieselExhPM	6.94E-08	30YrCancerDerived	*	6.94E-08	INHALATION
1285	ALL	486306.4	3675115.89	0.000134283	9901 DieselExhPM	7.17E-08	30YrCancerDerived	*	7.17E-08	INHALATION
1286	ALL	486327.24	3675115.89	0.000135888	9901 DieselExhPM	7.25E-08	30YrCancerDerived	*	7.25E-08	INHALATION
1287	ALL	486348.08	3675115.89	0.00013606	9901 DieselExhPM	7.26E-08	30YrCancerDerived	*	7.26E-08	INHALATION
1288	ALL	486368.92	3675115.89	0.000136376	9901 DieselExhPM	7.28E-08	30YrCancerDerived	*	7.28E-08	INHALATION
1289	ALL	486389.76	3675115.89	0.000138041	9901 DieselExhPM	7.37E-08	30YrCancerDerived	*	7.37E-08	INHALATION
1290	ALL	486410.6	3675115.89	0.000140489	9901 DieselExhPM	0.000000075	30YrCancerDerived	*	0.000000075	INHALATION
1291	ALL	486431.44	3675115.89	0.000145033	9901 DieselExhPM	7.74E-08	30YrCancerDerived	*	7.74E-08	INHALATION
1292	ALL	486452.28	3675115.89	0.000150815	9901 DieselExhPM	8.05E-08	30YrCancerDerived	*	8.05E-08	INHALATION
1293	ALL	486473.12	3675115.89	0.00015762	9901 DieselExhPM	8.41E-08	30YrCancerDerived	*	8.41E-08	INHALATION

1294 ALL	486493.96	3675115.89	0.000167346	9901 DieselExhPM	8.93E-08	30YrCancerDerived	*	8.93E-08	INHALATION
1295 ALL	486514.8	3675115.89	0.000179371	9901 DieselExhPM	9.58E-08	30YrCancerDerived	*	9.58E-08	INHALATION
1296 ALL	485889.6	3675135.77	0.000104866	9901 DieselExhPM	0.000000056	30YrCancerDerived	*	0.000000056	INHALATION
1297 ALL	485910.44	3675135.77	0.000123278	9901 DieselExhPM	6.58E-08	30YrCancerDerived	*	6.58E-08	INHALATION
1298 ALL	485931.28	3675135.77	0.000147484	9901 DieselExhPM	7.87E-08	30YrCancerDerived	*	7.87E-08	INHALATION
1299 ALL	485952.12	3675135.77	0.000184318	9901 DieselExhPM	9.84E-08	30YrCancerDerived	*	9.84E-08	INHALATION
1300 ALL	485972.96	3675135.77	0.000238537	9901 DieselExhPM	0.000000127	30YrCancerDerived	*	0.000000127	INHALATION
1301 ALL	485993.8	3675135.77	0.000195739	9901 DieselExhPM	0.000000104	30YrCancerDerived	*	0.000000104	INHALATION
1302 ALL	486014.64	3675135.77	0.000166896	9901 DieselExhPM	8.91E-08	30YrCancerDerived	*	8.91E-08	INHALATION
1303 ALL	486035.48	3675135.77	0.000146723	9901 DieselExhPM	7.83E-08	30YrCancerDerived	*	7.83E-08	INHALATION
1304 ALL	486056.32	3675135.77	0.00013257	9901 DieselExhPM	7.08E-08	30YrCancerDerived	*	7.08E-08	INHALATION
1305 ALL	486077.16	3675135.77	0.000124008	9901 DieselExhPM	6.62E-08	30YrCancerDerived	*	6.62E-08	INHALATION
1306 ALL	486098	3675135.77	0.000115561	9901 DieselExhPM	6.17E-08	30YrCancerDerived	*	6.17E-08	INHALATION
1307 ALL	486118.84	3675135.77	0.000109659	9901 DieselExhPM	5.85E-08	30YrCancerDerived	*	5.85E-08	INHALATION
1308 ALL	486139.68	3675135.77	0.000107843	9901 DieselExhPM	5.76E-08	30YrCancerDerived	*	5.76E-08	INHALATION
1309 ALL	486160.52	3675135.77	0.000107932	9901 DieselExhPM	5.76E-08	30YrCancerDerived	*	5.76E-08	INHALATION
1310 ALL	486181.36	3675135.77	0.000109028	9901 DieselExhPM	5.82E-08	30YrCancerDerived	*	5.82E-08	INHALATION
1311 ALL	486202.2	3675135.77	0.000111646	9901 DieselExhPM	5.96E-08	30YrCancerDerived	*	5.96E-08	INHALATION
1312 ALL	486223.04	3675135.77	0.00011712	9901 DieselExhPM	6.25E-08	30YrCancerDerived	*	6.25E-08	INHALATION
1313 ALL	486243.88	3675135.77	0.000120386	9901 DieselExhPM	6.43E-08	30YrCancerDerived	*	6.43E-08	INHALATION
1314 ALL	486264.72	3675135.77	0.000121734	9901 DieselExhPM	0.000000065	30YrCancerDerived	*	0.000000065	INHALATION
1315 ALL	486285.56	3675135.77	0.000124184	9901 DieselExhPM	6.63E-08	30YrCancerDerived	*	6.63E-08	INHALATION
1316 ALL	486306.4	3675135.77	0.000127978	9901 DieselExhPM	6.83E-08	30YrCancerDerived	*	6.83E-08	INHALATION
1317 ALL	486327.24	3675135.77	0.000129987	9901 DieselExhPM	6.94E-08	30YrCancerDerived	*	6.94E-08	INHALATION
1318 ALL	486348.08	3675135.77	0.00012966	9901 DieselExhPM	6.92E-08	30YrCancerDerived	*	6.92E-08	INHALATION
1319 ALL	486368.92	3675135.77	0.000129834	9901 DieselExhPM	6.93E-08	30YrCancerDerived	*	6.93E-08	INHALATION
1320 ALL	486389.76	3675135.77	0.000131392	9901 DieselExhPM	7.01E-08	30YrCancerDerived	*	7.01E-08	INHALATION
1321 ALL	486410.6	3675135.77	0.000134513	9901 DieselExhPM	7.18E-08	30YrCancerDerived	*	7.18E-08	INHALATION
1322 ALL	486431.44	3675135.77	0.000140217	9901 DieselExhPM	7.49E-08	30YrCancerDerived	*	7.49E-08	INHALATION
1323 ALL	486452.28	3675135.77	0.000146726	9901 DieselExhPM	7.83E-08	30YrCancerDerived	*	7.83E-08	INHALATION
1324 ALL	486473.12	3675135.77	0.000156037	9901 DieselExhPM	8.33E-08	30YrCancerDerived	*	8.33E-08	INHALATION
1325 ALL	486493.96	3675135.77	0.000165593	9901 DieselExhPM	8.84E-08	30YrCancerDerived	*	8.84E-08	INHALATION
1326 ALL	486514.8	3675135.77	0.000179701	9901 DieselExhPM	9.59E-08	30YrCancerDerived	*	9.59E-08	INHALATION
1327 ALL	486035.48	3675155.65	0.000149659	9901 DieselExhPM	7.99E-08	30YrCancerDerived	*	7.99E-08	INHALATION
1328 ALL	486056.32	3675155.65	0.000132925	9901 DieselExhPM	0.000000071	30YrCancerDerived	*	0.000000071	INHALATION

1329	ALL	486077.16	3675155.65	0.000124536	9901 DieselExhPM	6.65E-08	30YrCancerDerived	*	6.65E-08	INHALATION
1330	ALL	486098	3675155.65	0.000116279	9901 DieselExhPM	6.21E-08	30YrCancerDerived	*	6.21E-08	INHALATION
1331	ALL	486118.84	3675155.65	0.000110917	9901 DieselExhPM	5.92E-08	30YrCancerDerived	*	5.92E-08	INHALATION
1332	ALL	486139.68	3675155.65	0.000108832	9901 DieselExhPM	5.81E-08	30YrCancerDerived	*	5.81E-08	INHALATION
1333	ALL	486160.52	3675155.65	0.00010833	9901 DieselExhPM	5.78E-08	30YrCancerDerived	*	5.78E-08	INHALATION
1334	ALL	486181.36	3675155.65	0.000108885	9901 DieselExhPM	5.81E-08	30YrCancerDerived	*	5.81E-08	INHALATION
1335	ALL	486202.2	3675155.65	0.000110149	9901 DieselExhPM	5.88E-08	30YrCancerDerived	*	5.88E-08	INHALATION
1336	ALL	486223.04	3675155.65	0.000113086	9901 DieselExhPM	6.04E-08	30YrCancerDerived	*	6.04E-08	INHALATION
1337	ALL	486243.88	3675155.65	0.000116075	9901 DieselExhPM	0.000000062	30YrCancerDerived	*	0.000000062	INHALATION
1338	ALL	486264.72	3675155.65	0.000116914	9901 DieselExhPM	6.24E-08	30YrCancerDerived	*	6.24E-08	INHALATION
1339	ALL	486285.56	3675155.65	0.000119148	9901 DieselExhPM	6.36E-08	30YrCancerDerived	*	6.36E-08	INHALATION
1340	ALL	486306.4	3675155.65	0.000123443	9901 DieselExhPM	6.59E-08	30YrCancerDerived	*	6.59E-08	INHALATION
1341	ALL	486327.24	3675155.65	0.000126592	9901 DieselExhPM	6.76E-08	30YrCancerDerived	*	6.76E-08	INHALATION
1342	ALL	486348.08	3675155.65	0.000126828	9901 DieselExhPM	6.77E-08	30YrCancerDerived	*	6.77E-08	INHALATION
1343	ALL	486368.92	3675155.65	0.000127619	9901 DieselExhPM	6.81E-08	30YrCancerDerived	*	6.81E-08	INHALATION
1344	ALL	486389.76	3675155.65	0.000129267	9901 DieselExhPM	0.000000069	30YrCancerDerived	*	0.000000069	INHALATION
1345	ALL	486410.6	3675155.65	0.000134125	9901 DieselExhPM	7.16E-08	30YrCancerDerived	*	7.16E-08	INHALATION
1346	ALL	486431.44	3675155.65	0.00014148	9901 DieselExhPM	7.55E-08	30YrCancerDerived	*	7.55E-08	INHALATION
1347	ALL	486452.28	3675155.65	0.000149564	9901 DieselExhPM	7.98E-08	30YrCancerDerived	*	7.98E-08	INHALATION
1348	ALL	486473.12	3675155.65	0.000158779	9901 DieselExhPM	8.48E-08	30YrCancerDerived	*	8.48E-08	INHALATION
1349	ALL	486493.96	3675155.65	0.000167769	9901 DieselExhPM	8.96E-08	30YrCancerDerived	*	8.96E-08	INHALATION
1350	ALL	486514.8	3675155.65	0.000185418	9901 DieselExhPM	0.000000099	30YrCancerDerived	*	0.000000099	INHALATION
1351	ALL	486077.16	3675175.53	0.0001293	9901 DieselExhPM	0.000000069	30YrCancerDerived	*	0.000000069	INHALATION
1352	ALL	486098	3675175.53	0.000119426	9901 DieselExhPM	6.38E-08	30YrCancerDerived	*	6.38E-08	INHALATION
1353	ALL	486118.84	3675175.53	0.000113231	9901 DieselExhPM	6.04E-08	30YrCancerDerived	*	6.04E-08	INHALATION
1354	ALL	486139.68	3675175.53	0.000110766	9901 DieselExhPM	5.91E-08	30YrCancerDerived	*	5.91E-08	INHALATION
1355	ALL	486160.52	3675175.53	0.000107973	9901 DieselExhPM	5.76E-08	30YrCancerDerived	*	5.76E-08	INHALATION
1356	ALL	486181.36	3675175.53	0.000108102	9901 DieselExhPM	5.77E-08	30YrCancerDerived	*	5.77E-08	INHALATION
1357	ALL	486202.2	3675175.53	0.000108325	9901 DieselExhPM	5.78E-08	30YrCancerDerived	*	5.78E-08	INHALATION
1358	ALL	486223.04	3675175.53	0.000110289	9901 DieselExhPM	5.89E-08	30YrCancerDerived	*	5.89E-08	INHALATION
1359	ALL	486243.88	3675175.53	0.000112439	9901 DieselExhPM	0.00000006	30YrCancerDerived	*	0.00000006	INHALATION
1360	ALL	486264.72	3675175.53	0.000113615	9901 DieselExhPM	6.07E-08	30YrCancerDerived	*	6.07E-08	INHALATION
1361	ALL	486285.56	3675175.53	0.000116336	9901 DieselExhPM	6.21E-08	30YrCancerDerived	*	6.21E-08	INHALATION
1362	ALL	486306.4	3675175.53	0.000120601	9901 DieselExhPM	6.44E-08	30YrCancerDerived	*	6.44E-08	INHALATION
1363	ALL	486327.24	3675175.53	0.000123893	9901 DieselExhPM	6.61E-08	30YrCancerDerived	*	6.61E-08	INHALATION

1364 ALL	486348.08	3675175.53	0.000125647	9901 DieselExhPM	6.71E-08	30YrCancerDerived	*	6.71E-08	INHALATION
1365 ALL	486368.92	3675175.53	0.000128117	9901 DieselExhPM	6.84E-08	30YrCancerDerived	*	6.84E-08	INHALATION
1366 ALL	486389.76	3675175.53	0.000131617	9901 DieselExhPM	7.03E-08	30YrCancerDerived	*	7.03E-08	INHALATION
1367 ALL	486410.6	3675175.53	0.000137349	9901 DieselExhPM	7.33E-08	30YrCancerDerived	*	7.33E-08	INHALATION
1368 ALL	486431.44	3675175.53	0.000145168	9901 DieselExhPM	7.75E-08	30YrCancerDerived	*	7.75E-08	INHALATION
1369 ALL	486452.28	3675175.53	0.000153523	9901 DieselExhPM	0.000000082	30YrCancerDerived	*	0.000000082	INHALATION
1370 ALL	486473.12	3675175.53	0.000163334	9901 DieselExhPM	8.72E-08	30YrCancerDerived	*	8.72E-08	INHALATION
1371 ALL	486493.96	3675175.53	0.00017455	9901 DieselExhPM	9.32E-08	30YrCancerDerived	*	9.32E-08	INHALATION
1372 ALL	486514.8	3675175.53	0.000193388	9901 DieselExhPM	0.000000103	30YrCancerDerived	*	0.000000103	INHALATION
1373 ALL	486098	3675195.41	0.000117953	9901 DieselExhPM	0.000000063	30YrCancerDerived	*	0.000000063	INHALATION
1374 ALL	486118.84	3675195.41	0.000112317	9901 DieselExhPM	0.000000006	30YrCancerDerived	*	0.000000006	INHALATION
1375 ALL	486139.68	3675195.41	0.000109027	9901 DieselExhPM	5.82E-08	30YrCancerDerived	*	5.82E-08	INHALATION
1376 ALL	486160.52	3675195.41	0.000107098	9901 DieselExhPM	5.72E-08	30YrCancerDerived	*	5.72E-08	INHALATION
1377 ALL	486181.36	3675195.41	0.000106952	9901 DieselExhPM	5.71E-08	30YrCancerDerived	*	5.71E-08	INHALATION
1378 ALL	486202.2	3675195.41	0.00010717	9901 DieselExhPM	5.72E-08	30YrCancerDerived	*	5.72E-08	INHALATION
1379 ALL	486223.04	3675195.41	0.000107282	9901 DieselExhPM	5.73E-08	30YrCancerDerived	*	5.73E-08	INHALATION
1380 ALL	486243.88	3675195.41	0.00010866	9901 DieselExhPM	0.000000058	30YrCancerDerived	*	0.000000058	INHALATION
1381 ALL	486264.72	3675195.41	0.000111044	9901 DieselExhPM	5.93E-08	30YrCancerDerived	*	5.93E-08	INHALATION
1382 ALL	486285.56	3675195.41	0.000115108	9901 DieselExhPM	6.15E-08	30YrCancerDerived	*	6.15E-08	INHALATION
1383 ALL	486306.4	3675195.41	0.000119163	9901 DieselExhPM	6.36E-08	30YrCancerDerived	*	6.36E-08	INHALATION
1384 ALL	486327.24	3675195.41	0.000122772	9901 DieselExhPM	6.55E-08	30YrCancerDerived	*	6.55E-08	INHALATION
1385 ALL	486348.08	3675195.41	0.00012589	9901 DieselExhPM	6.72E-08	30YrCancerDerived	*	6.72E-08	INHALATION
1386 ALL	486368.92	3675195.41	0.000129523	9901 DieselExhPM	6.91E-08	30YrCancerDerived	*	6.91E-08	INHALATION
1387 ALL	486389.76	3675195.41	0.00013418	9901 DieselExhPM	7.16E-08	30YrCancerDerived	*	7.16E-08	INHALATION
1388 ALL	486410.6	3675195.41	0.000141065	9901 DieselExhPM	7.53E-08	30YrCancerDerived	*	7.53E-08	INHALATION
1389 ALL	486431.44	3675195.41	0.000149197	9901 DieselExhPM	7.96E-08	30YrCancerDerived	*	7.96E-08	INHALATION
1390 ALL	486452.28	3675195.41	0.00015957	9901 DieselExhPM	8.52E-08	30YrCancerDerived	*	8.52E-08	INHALATION
1391 ALL	486473.12	3675195.41	0.000171285	9901 DieselExhPM	9.14E-08	30YrCancerDerived	*	9.14E-08	INHALATION
1392 ALL	486493.96	3675195.41	0.000188421	9901 DieselExhPM	0.000000101	30YrCancerDerived	*	0.000000101	INHALATION
1393 ALL	486514.8	3675195.41	0.000215777	9901 DieselExhPM	0.000000115	30YrCancerDerived	*	0.000000115	INHALATION
1394 ALL	486098	3675215.29	0.000117935	9901 DieselExhPM	0.000000063	30YrCancerDerived	*	0.000000063	INHALATION
1395 ALL	486118.84	3675215.29	0.000110117	9901 DieselExhPM	5.88E-08	30YrCancerDerived	*	5.88E-08	INHALATION
1396 ALL	486139.68	3675215.29	0.000105262	9901 DieselExhPM	5.62E-08	30YrCancerDerived	*	5.62E-08	INHALATION
1397 ALL	486160.52	3675215.29	0.000104125	9901 DieselExhPM	5.56E-08	30YrCancerDerived	*	5.56E-08	INHALATION
1398 ALL	486181.36	3675215.29	0.00010498	9901 DieselExhPM	0.000000056	30YrCancerDerived	*	0.000000056	INHALATION

1399	ALL	486202.2	3675215.29	0.000105587	9901 DieselExhPM	5.64E-08	30YrCancerDerived	*	5.64E-08	INHALATION
1400	ALL	486223.04	3675215.29	0.000105985	9901 DieselExhPM	5.66E-08	30YrCancerDerived	*	5.66E-08	INHALATION
1401	ALL	486243.88	3675215.29	0.000108265	9901 DieselExhPM	5.78E-08	30YrCancerDerived	*	5.78E-08	INHALATION
1402	ALL	486264.72	3675215.29	0.000111415	9901 DieselExhPM	5.95E-08	30YrCancerDerived	*	5.95E-08	INHALATION
1403	ALL	486285.56	3675215.29	0.000115272	9901 DieselExhPM	6.15E-08	30YrCancerDerived	*	6.15E-08	INHALATION
1404	ALL	486306.4	3675215.29	0.000119526	9901 DieselExhPM	6.38E-08	30YrCancerDerived	*	6.38E-08	INHALATION
1405	ALL	486327.24	3675215.29	0.000123923	9901 DieselExhPM	6.62E-08	30YrCancerDerived	*	6.62E-08	INHALATION
1406	ALL	486348.08	3675215.29	0.000127821	9901 DieselExhPM	6.82E-08	30YrCancerDerived	*	6.82E-08	INHALATION
1407	ALL	486368.92	3675215.29	0.000132264	9901 DieselExhPM	7.06E-08	30YrCancerDerived	*	7.06E-08	INHALATION
1408	ALL	486389.76	3675215.29	0.000138048	9901 DieselExhPM	7.37E-08	30YrCancerDerived	*	7.37E-08	INHALATION
1409	ALL	486410.6	3675215.29	0.00014584	9901 DieselExhPM	7.79E-08	30YrCancerDerived	*	7.79E-08	INHALATION
1410	ALL	486431.44	3675215.29	0.000156581	9901 DieselExhPM	8.36E-08	30YrCancerDerived	*	8.36E-08	INHALATION
1411	ALL	486452.28	3675215.29	0.000167827	9901 DieselExhPM	8.96E-08	30YrCancerDerived	*	8.96E-08	INHALATION
1412	ALL	486473.12	3675215.29	0.000182566	9901 DieselExhPM	9.75E-08	30YrCancerDerived	*	9.75E-08	INHALATION
1413	ALL	486493.96	3675215.29	0.000208204	9901 DieselExhPM	0.000000111	30YrCancerDerived	*	0.000000111	INHALATION
1414	ALL	486514.8	3675215.29	0.000245155	9901 DieselExhPM	0.000000131	30YrCancerDerived	*	0.000000131	INHALATION
1415	ALL	486118.84	3675235.17	0.000109106	9901 DieselExhPM	5.82E-08	30YrCancerDerived	*	5.82E-08	INHALATION
1416	ALL	486139.68	3675235.17	0.000105701	9901 DieselExhPM	5.64E-08	30YrCancerDerived	*	5.64E-08	INHALATION
1417	ALL	486160.52	3675235.17	0.000103928	9901 DieselExhPM	5.55E-08	30YrCancerDerived	*	5.55E-08	INHALATION
1418	ALL	486181.36	3675235.17	0.000103618	9901 DieselExhPM	5.53E-08	30YrCancerDerived	*	5.53E-08	INHALATION
1419	ALL	486202.2	3675235.17	0.000104227	9901 DieselExhPM	5.56E-08	30YrCancerDerived	*	5.56E-08	INHALATION
1420	ALL	486223.04	3675235.17	0.00010634	9901 DieselExhPM	5.68E-08	30YrCancerDerived	*	5.68E-08	INHALATION
1421	ALL	486243.88	3675235.17	0.000109666	9901 DieselExhPM	5.85E-08	30YrCancerDerived	*	5.85E-08	INHALATION
1422	ALL	486264.72	3675235.17	0.000112671	9901 DieselExhPM	6.01E-08	30YrCancerDerived	*	6.01E-08	INHALATION
1423	ALL	486285.56	3675235.17	0.000116022	9901 DieselExhPM	6.19E-08	30YrCancerDerived	*	6.19E-08	INHALATION
1424	ALL	486306.4	3675235.17	0.000120764	9901 DieselExhPM	6.45E-08	30YrCancerDerived	*	6.45E-08	INHALATION
1425	ALL	486327.24	3675235.17	0.000126219	9901 DieselExhPM	6.74E-08	30YrCancerDerived	*	6.74E-08	INHALATION
1426	ALL	486348.08	3675235.17	0.000131153	9901 DieselExhPM	0.00000007	30YrCancerDerived	*	0.00000007	INHALATION
1427	ALL	486368.92	3675235.17	0.000136472	9901 DieselExhPM	7.29E-08	30YrCancerDerived	*	7.29E-08	INHALATION
1428	ALL	486389.76	3675235.17	0.000144233	9901 DieselExhPM	0.000000077	30YrCancerDerived	*	0.000000077	INHALATION
1429	ALL	486410.6	3675235.17	0.000154828	9901 DieselExhPM	8.27E-08	30YrCancerDerived	*	8.27E-08	INHALATION
1430	ALL	486431.44	3675235.17	0.000167397	9901 DieselExhPM	8.94E-08	30YrCancerDerived	*	8.94E-08	INHALATION
1431	ALL	486452.28	3675235.17	0.000182538	9901 DieselExhPM	9.74E-08	30YrCancerDerived	*	9.74E-08	INHALATION
1432	ALL	486473.12	3675235.17	0.000206584	9901 DieselExhPM	0.00000011	30YrCancerDerived	*	0.00000011	INHALATION
1433	ALL	486493.96	3675235.17	0.00023208	9901 DieselExhPM	0.000000124	30YrCancerDerived	*	0.000000124	INHALATION

1434	ALL	486514.8	3675235.17	0.00025517	9901 DieselExhPM	0.000000136	30YrCancerDerived	*	0.000000136	INHALATION
1435	ALL	486139.68	3675255.05	0.000107426	9901 DieselExhPM	5.73E-08	30YrCancerDerived	*	5.73E-08	INHALATION
1436	ALL	486160.52	3675255.05	0.0001061	9901 DieselExhPM	5.66E-08	30YrCancerDerived	*	5.66E-08	INHALATION
1437	ALL	486181.36	3675255.05	0.00010544	9901 DieselExhPM	5.63E-08	30YrCancerDerived	*	5.63E-08	INHALATION
1438	ALL	486202.2	3675255.05	0.000105283	9901 DieselExhPM	5.62E-08	30YrCancerDerived	*	5.62E-08	INHALATION
1439	ALL	486223.04	3675255.05	0.00010781	9901 DieselExhPM	5.76E-08	30YrCancerDerived	*	5.76E-08	INHALATION
1440	ALL	486243.88	3675255.05	0.00011134	9901 DieselExhPM	5.94E-08	30YrCancerDerived	*	5.94E-08	INHALATION
1441	ALL	486264.72	3675255.05	0.000114534	9901 DieselExhPM	6.11E-08	30YrCancerDerived	*	6.11E-08	INHALATION
1442	ALL	486285.56	3675255.05	0.000118088	9901 DieselExhPM	0.000000063	30YrCancerDerived	*	0.000000063	INHALATION
1443	ALL	486306.4	3675255.05	0.000122985	9901 DieselExhPM	6.57E-08	30YrCancerDerived	*	6.57E-08	INHALATION
1444	ALL	486327.24	3675255.05	0.000128368	9901 DieselExhPM	6.85E-08	30YrCancerDerived	*	6.85E-08	INHALATION
1445	ALL	486348.08	3675255.05	0.00013416	9901 DieselExhPM	7.16E-08	30YrCancerDerived	*	7.16E-08	INHALATION
1446	ALL	486368.92	3675255.05	0.000141596	9901 DieselExhPM	7.56E-08	30YrCancerDerived	*	7.56E-08	INHALATION
1447	ALL	486389.76	3675255.05	0.000149635	9901 DieselExhPM	7.99E-08	30YrCancerDerived	*	7.99E-08	INHALATION
1448	ALL	486410.6	3675255.05	0.000158198	9901 DieselExhPM	8.45E-08	30YrCancerDerived	*	8.45E-08	INHALATION
1449	ALL	486431.44	3675255.05	0.000170119	9901 DieselExhPM	9.08E-08	30YrCancerDerived	*	9.08E-08	INHALATION
1450	ALL	486452.28	3675255.05	0.000183038	9901 DieselExhPM	9.77E-08	30YrCancerDerived	*	9.77E-08	INHALATION
1451	ALL	486473.12	3675255.05	0.000196073	9901 DieselExhPM	0.000000105	30YrCancerDerived	*	0.000000105	INHALATION
1452	ALL	486493.96	3675255.05	0.000209326	9901 DieselExhPM	0.000000112	30YrCancerDerived	*	0.000000112	INHALATION
1453	ALL	486514.8	3675255.05	0.000215488	9901 DieselExhPM	0.000000115	30YrCancerDerived	*	0.000000115	INHALATION
1454	ALL	486535.64	3675255.05	0.000222062	9901 DieselExhPM	0.000000119	30YrCancerDerived	*	0.000000119	INHALATION
1455	ALL	486264.72	3675274.93	0.000117239	9901 DieselExhPM	6.26E-08	30YrCancerDerived	*	6.26E-08	INHALATION
1456	ALL	486285.56	3675274.93	0.000120562	9901 DieselExhPM	6.44E-08	30YrCancerDerived	*	6.44E-08	INHALATION
1457	ALL	486306.4	3675274.93	0.000123797	9901 DieselExhPM	6.61E-08	30YrCancerDerived	*	6.61E-08	INHALATION
1458	ALL	486327.24	3675274.93	0.000129001	9901 DieselExhPM	6.89E-08	30YrCancerDerived	*	6.89E-08	INHALATION
1459	ALL	486348.08	3675274.93	0.000134736	9901 DieselExhPM	7.19E-08	30YrCancerDerived	*	7.19E-08	INHALATION
1460	ALL	486368.92	3675274.93	0.000140465	9901 DieselExhPM	0.000000075	30YrCancerDerived	*	0.000000075	INHALATION
1461	ALL	486389.76	3675274.93	0.000145503	9901 DieselExhPM	7.77E-08	30YrCancerDerived	*	7.77E-08	INHALATION
1462	ALL	486410.6	3675274.93	0.000150663	9901 DieselExhPM	8.04E-08	30YrCancerDerived	*	8.04E-08	INHALATION
1463	ALL	486431.44	3675274.93	0.000158631	9901 DieselExhPM	8.47E-08	30YrCancerDerived	*	8.47E-08	INHALATION
1464	ALL	486452.28	3675274.93	0.000169577	9901 DieselExhPM	9.05E-08	30YrCancerDerived	*	9.05E-08	INHALATION
1465	ALL	486473.12	3675274.93	0.000179619	9901 DieselExhPM	9.59E-08	30YrCancerDerived	*	9.59E-08	INHALATION
1466	ALL	486493.96	3675274.93	0.000187628	9901 DieselExhPM	0.0000001	30YrCancerDerived	*	0.0000001	INHALATION
1467	ALL	486514.8	3675274.93	0.000194257	9901 DieselExhPM	0.000000104	30YrCancerDerived	*	0.000000104	INHALATION
1468	ALL	486535.64	3675274.93	0.000202222	9901 DieselExhPM	0.000000108	30YrCancerDerived	*	0.000000108	INHALATION

1469 ALL	486556.48	3675274.93	0.000213342	9901 DieselExhPM	0.000000114	30YrCancerDerived	*	0.000000114	INHALATION
1470 ALL	486306.4	3675294.81	0.00012337	9901 DieselExhPM	6.59E-08	30YrCancerDerived	*	6.59E-08	INHALATION
1471 ALL	486327.24	3675294.81	0.000127533	9901 DieselExhPM	6.81E-08	30YrCancerDerived	*	6.81E-08	INHALATION
1472 ALL	486348.08	3675294.81	0.000132588	9901 DieselExhPM	7.08E-08	30YrCancerDerived	*	7.08E-08	INHALATION
1473 ALL	486368.92	3675294.81	0.000137324	9901 DieselExhPM	7.33E-08	30YrCancerDerived	*	7.33E-08	INHALATION
1474 ALL	486389.76	3675294.81	0.000140983	9901 DieselExhPM	7.53E-08	30YrCancerDerived	*	7.53E-08	INHALATION
1475 ALL	486410.6	3675294.81	0.000144541	9901 DieselExhPM	7.72E-08	30YrCancerDerived	*	7.72E-08	INHALATION
1476 ALL	486431.44	3675294.81	0.000150173	9901 DieselExhPM	8.02E-08	30YrCancerDerived	*	8.02E-08	INHALATION
1477 ALL	486452.28	3675294.81	0.000158868	9901 DieselExhPM	8.48E-08	30YrCancerDerived	*	8.48E-08	INHALATION
1478 ALL	486473.12	3675294.81	0.000167334	9901 DieselExhPM	8.93E-08	30YrCancerDerived	*	8.93E-08	INHALATION
1479 ALL	486493.96	3675294.81	0.000173385	9901 DieselExhPM	9.26E-08	30YrCancerDerived	*	9.26E-08	INHALATION
1480 ALL	486514.8	3675294.81	0.000179816	9901 DieselExhPM	0.000000096	30YrCancerDerived	*	0.000000096	INHALATION
1481 ALL	486535.64	3675294.81	0.000187128	9901 DieselExhPM	9.99E-08	30YrCancerDerived	*	9.99E-08	INHALATION
1482 ALL	486556.48	3675294.81	0.000196603	9901 DieselExhPM	0.000000105	30YrCancerDerived	*	0.000000105	INHALATION
1483 ALL	486327.24	3675314.69	0.000124855	9901 DieselExhPM	6.67E-08	30YrCancerDerived	*	6.67E-08	INHALATION
1484 ALL	486348.08	3675314.69	0.000129687	9901 DieselExhPM	6.92E-08	30YrCancerDerived	*	6.92E-08	INHALATION
1485 ALL	486368.92	3675314.69	0.0001338	9901 DieselExhPM	7.14E-08	30YrCancerDerived	*	7.14E-08	INHALATION
1486 ALL	486389.76	3675314.69	0.00013625	9901 DieselExhPM	7.27E-08	30YrCancerDerived	*	7.27E-08	INHALATION
1487 ALL	486410.6	3675314.69	0.000138218	9901 DieselExhPM	7.38E-08	30YrCancerDerived	*	7.38E-08	INHALATION
1488 ALL	486431.44	3675314.69	0.000143813	9901 DieselExhPM	7.68E-08	30YrCancerDerived	*	7.68E-08	INHALATION
1489 ALL	486452.28	3675314.69	0.000152357	9901 DieselExhPM	8.13E-08	30YrCancerDerived	*	8.13E-08	INHALATION
1490 ALL	486473.12	3675314.69	0.000160013	9901 DieselExhPM	8.54E-08	30YrCancerDerived	*	8.54E-08	INHALATION
1491 ALL	486493.96	3675314.69	0.000166005	9901 DieselExhPM	8.86E-08	30YrCancerDerived	*	8.86E-08	INHALATION
1492 ALL	486514.8	3675314.69	0.000172582	9901 DieselExhPM	9.21E-08	30YrCancerDerived	*	9.21E-08	INHALATION
1493 ALL	486535.64	3675314.69	0.000180374	9901 DieselExhPM	9.63E-08	30YrCancerDerived	*	9.63E-08	INHALATION
1494 ALL	486556.48	3675314.69	0.000189545	9901 DieselExhPM	0.000000101	30YrCancerDerived	*	0.000000101	INHALATION
1495 ALL	486348.08	3675334.57	0.000127054	9901 DieselExhPM	6.78E-08	30YrCancerDerived	*	6.78E-08	INHALATION
1496 ALL	486368.92	3675334.57	0.000130695	9901 DieselExhPM	6.98E-08	30YrCancerDerived	*	6.98E-08	INHALATION
1497 ALL	486389.76	3675334.57	0.000133316	9901 DieselExhPM	7.12E-08	30YrCancerDerived	*	7.12E-08	INHALATION
1498 ALL	486410.6	3675334.57	0.000135535	9901 DieselExhPM	7.24E-08	30YrCancerDerived	*	7.24E-08	INHALATION
1499 ALL	486431.44	3675334.57	0.000140576	9901 DieselExhPM	0.000000075	30YrCancerDerived	*	0.000000075	INHALATION
1500 ALL	486452.28	3675334.57	0.000147512	9901 DieselExhPM	7.87E-08	30YrCancerDerived	*	7.87E-08	INHALATION
1501 ALL	486473.12	3675334.57	0.0001528	9901 DieselExhPM	8.16E-08	30YrCancerDerived	*	8.16E-08	INHALATION
1502 ALL	486493.96	3675334.57	0.000159668	9901 DieselExhPM	8.52E-08	30YrCancerDerived	*	8.52E-08	INHALATION
1503 ALL	486514.8	3675334.57	0.000167496	9901 DieselExhPM	8.94E-08	30YrCancerDerived	*	8.94E-08	INHALATION

1504	ALL	486535.64	3675334.57	0.000176911	9901 DieselExhPM	9.44E-08	30YrCancerDerived	*	9.44E-08	INHALATION
1505	ALL	486368.92	3675354.45	0.000129366	9901 DieselExhPM	6.91E-08	30YrCancerDerived	*	6.91E-08	INHALATION
1506	ALL	486389.76	3675354.45	0.00013223	9901 DieselExhPM	7.06E-08	30YrCancerDerived	*	7.06E-08	INHALATION
1507	ALL	486410.6	3675354.45	0.00013665	9901 DieselExhPM	0.000000073	30YrCancerDerived	*	0.000000073	INHALATION
1508	ALL	486431.44	3675354.45	0.000140671	9901 DieselExhPM	7.51E-08	30YrCancerDerived	*	7.51E-08	INHALATION
1509	ALL	486452.28	3675354.45	0.000144884	9901 DieselExhPM	7.73E-08	30YrCancerDerived	*	7.73E-08	INHALATION
1510	ALL	486473.12	3675354.45	0.000150215	9901 DieselExhPM	8.02E-08	30YrCancerDerived	*	8.02E-08	INHALATION
1511	ALL	486493.96	3675354.45	0.000157403	9901 DieselExhPM	0.000000084	30YrCancerDerived	*	0.000000084	INHALATION
1512	ALL	486514.8	3675354.45	0.000167028	9901 DieselExhPM	8.92E-08	30YrCancerDerived	*	8.92E-08	INHALATION
1513	ALL	486431.44	3675374.33	0.000141131	9901 DieselExhPM	7.53E-08	30YrCancerDerived	*	7.53E-08	INHALATION
1514	ALL	486452.28	3675374.33	0.00014514	9901 DieselExhPM	7.75E-08	30YrCancerDerived	*	7.75E-08	INHALATION
1515	ALL	486473.12	3675374.33	0.000150687	9901 DieselExhPM	8.04E-08	30YrCancerDerived	*	8.04E-08	INHALATION
1516	ALL	487872.39	3673252.61	0.003169999	9901 DieselExhPM	0.00000169	30YrCancerDerived	*	0.00000169	INHALATION
1517	ALL	487892.39	3673252.61	0.006529066	9901 DieselExhPM	0.00000349	30YrCancerDerived	*	0.00000349	INHALATION
1518	ALL	487912.39	3673252.61	0.00861235	9901 DieselExhPM	0.0000046	30YrCancerDerived	*	0.0000046	INHALATION
1519	ALL	487932.39	3673252.61	0.01097126	9901 DieselExhPM	0.00000586	30YrCancerDerived	*	0.00000586	INHALATION
1521	ALL	487852.39	3673272.61	0.002638293	9901 DieselExhPM	0.00000141	30YrCancerDerived	*	0.00000141	INHALATION
1522	ALL	487872.39	3673272.61	0.004312432	9901 DieselExhPM	0.0000023	30YrCancerDerived	*	0.0000023	INHALATION
1523	ALL	487892.39	3673272.61	0.007426997	9901 DieselExhPM	0.00000396	30YrCancerDerived	*	0.00000396	INHALATION
1524	ALL	487912.39	3673272.61	0.00896242	9901 DieselExhPM	0.00000478	30YrCancerDerived	*	0.00000478	INHALATION
1525	ALL	487932.39	3673272.61	0.01089809	9901 DieselExhPM	0.00000582	30YrCancerDerived	*	0.00000582	INHALATION
1528	ALL	487832.39	3673292.61	0.001695386	9901 DieselExhPM	0.000000905	30YrCancerDerived	*	0.000000905	INHALATION
1529	ALL	487852.39	3673292.61	0.002473177	9901 DieselExhPM	0.00000132	30YrCancerDerived	*	0.00000132	INHALATION
1530	ALL	487872.39	3673292.61	0.003708926	9901 DieselExhPM	0.00000198	30YrCancerDerived	*	0.00000198	INHALATION
1531	ALL	487892.39	3673292.61	0.005742561	9901 DieselExhPM	0.00000307	30YrCancerDerived	*	0.00000307	INHALATION
1532	ALL	487912.39	3673292.61	0.007983617	9901 DieselExhPM	0.00000426	30YrCancerDerived	*	0.00000426	INHALATION
1533	ALL	487932.39	3673292.61	0.01017648	9901 DieselExhPM	0.00000543	30YrCancerDerived	*	0.00000543	INHALATION
1538	ALL	487812.39	3673312.61	0.0008785	9901 DieselExhPM	0.000000469	30YrCancerDerived	*	0.000000469	INHALATION
1539	ALL	487832.39	3673312.61	0.001142649	9901 DieselExhPM	0.00000061	30YrCancerDerived	*	0.00000061	INHALATION
1540	ALL	487852.39	3673312.61	0.001796755	9901 DieselExhPM	0.000000959	30YrCancerDerived	*	0.000000959	INHALATION
1541	ALL	487872.39	3673312.61	0.002970065	9901 DieselExhPM	0.00000159	30YrCancerDerived	*	0.00000159	INHALATION
1542	ALL	487892.39	3673312.61	0.004726033	9901 DieselExhPM	0.00000252	30YrCancerDerived	*	0.00000252	INHALATION
1543	ALL	487912.39	3673312.61	0.00716767	9901 DieselExhPM	0.00000383	30YrCancerDerived	*	0.00000383	INHALATION
1544	ALL	487932.39	3673312.61	0.00937993	9901 DieselExhPM	0.00000501	30YrCancerDerived	*	0.00000501	INHALATION
1545	ALL	487952.39	3673312.61	0.01075146	9901 DieselExhPM	0.00000574	30YrCancerDerived	*	0.00000574	INHALATION

1549 ALL	487792.39	3673332.61	0.000489142	9901 DieselExhPM	0.000000261	30YrCancerDerived	*	0.000000261	INHALATION
1550 ALL	487812.39	3673332.61	0.000574014	9901 DieselExhPM	0.000000306	30YrCancerDerived	*	0.000000306	INHALATION
1551 ALL	487832.39	3673332.61	0.000799178	9901 DieselExhPM	0.000000427	30YrCancerDerived	*	0.000000427	INHALATION
1552 ALL	487852.39	3673332.61	0.00141328	9901 DieselExhPM	0.000000754	30YrCancerDerived	*	0.000000754	INHALATION
1553 ALL	487872.39	3673332.61	0.002660824	9901 DieselExhPM	0.00000142	30YrCancerDerived	*	0.00000142	INHALATION
1554 ALL	487892.39	3673332.61	0.00398477	9901 DieselExhPM	0.00000213	30YrCancerDerived	*	0.00000213	INHALATION
1555 ALL	487912.39	3673332.61	0.006070387	9901 DieselExhPM	0.00000324	30YrCancerDerived	*	0.00000324	INHALATION
1556 ALL	487932.39	3673332.61	0.008009201	9901 DieselExhPM	0.00000428	30YrCancerDerived	*	0.00000428	INHALATION
1557 ALL	487952.39	3673332.61	0.008787092	9901 DieselExhPM	0.00000469	30YrCancerDerived	*	0.00000469	INHALATION
1558 ALL	487972.39	3673332.61	0.01018349	9901 DieselExhPM	0.00000544	30YrCancerDerived	*	0.00000544	INHALATION
1561 ALL	487772.39	3673352.61	0.000383663	9901 DieselExhPM	0.000000205	30YrCancerDerived	*	0.000000205	INHALATION
1562 ALL	487792.39	3673352.61	0.000398437	9901 DieselExhPM	0.000000213	30YrCancerDerived	*	0.000000213	INHALATION
1563 ALL	487812.39	3673352.61	0.000479211	9901 DieselExhPM	0.000000256	30YrCancerDerived	*	0.000000256	INHALATION
1564 ALL	487832.39	3673352.61	0.000674867	9901 DieselExhPM	0.00000036	30YrCancerDerived	*	0.00000036	INHALATION
1565 ALL	487852.39	3673352.61	0.001130617	9901 DieselExhPM	0.000000604	30YrCancerDerived	*	0.000000604	INHALATION
1566 ALL	487872.39	3673352.61	0.002317364	9901 DieselExhPM	0.00000124	30YrCancerDerived	*	0.00000124	INHALATION
1567 ALL	487892.39	3673352.61	0.003456496	9901 DieselExhPM	0.00000185	30YrCancerDerived	*	0.00000185	INHALATION
1568 ALL	487912.39	3673352.61	0.004573687	9901 DieselExhPM	0.00000244	30YrCancerDerived	*	0.00000244	INHALATION
1569 ALL	487932.39	3673352.61	0.005951488	9901 DieselExhPM	0.00000318	30YrCancerDerived	*	0.00000318	INHALATION
1570 ALL	487952.39	3673352.61	0.006985364	9901 DieselExhPM	0.00000373	30YrCancerDerived	*	0.00000373	INHALATION
1571 ALL	487972.39	3673352.61	0.008334554	9901 DieselExhPM	0.00000445	30YrCancerDerived	*	0.00000445	INHALATION
1572 ALL	487992.39	3673352.61	0.01011937	9901 DieselExhPM	0.0000054	30YrCancerDerived	*	0.0000054	INHALATION
1573 ALL	488012.39	3673352.61	0.01140394	9901 DieselExhPM	0.00000609	30YrCancerDerived	*	0.00000609	INHALATION
1574 ALL	487724.34	3673332.79	0.000342983	9901 DieselExhPM	0.000000183	30YrCancerDerived	*	0.000000183	INHALATION
1575 ALL	487792.39	3673372.61	0.000386656	9901 DieselExhPM	0.000000206	30YrCancerDerived	*	0.000000206	INHALATION
1576 ALL	487812.39	3673372.61	0.000468706	9901 DieselExhPM	0.00000025	30YrCancerDerived	*	0.00000025	INHALATION
1577 ALL	487832.39	3673372.61	0.000645566	9901 DieselExhPM	0.000000345	30YrCancerDerived	*	0.000000345	INHALATION
1578 ALL	487852.39	3673372.61	0.00098704	9901 DieselExhPM	0.000000527	30YrCancerDerived	*	0.000000527	INHALATION
1579 ALL	487872.39	3673372.61	0.00186519	9901 DieselExhPM	0.000000996	30YrCancerDerived	*	0.000000996	INHALATION
1580 ALL	487892.39	3673372.61	0.003030292	9901 DieselExhPM	0.00000162	30YrCancerDerived	*	0.00000162	INHALATION
1581 ALL	487912.39	3673372.61	0.003701039	9901 DieselExhPM	0.00000198	30YrCancerDerived	*	0.00000198	INHALATION
1582 ALL	487932.39	3673372.61	0.004782113	9901 DieselExhPM	0.00000255	30YrCancerDerived	*	0.00000255	INHALATION
1583 ALL	487952.39	3673372.61	0.005739486	9901 DieselExhPM	0.00000306	30YrCancerDerived	*	0.00000306	INHALATION
1584 ALL	487972.39	3673372.61	0.006751679	9901 DieselExhPM	0.0000036	30YrCancerDerived	*	0.0000036	INHALATION
1585 ALL	487992.39	3673372.61	0.00732143	9901 DieselExhPM	0.00000391	30YrCancerDerived	*	0.00000391	INHALATION

1586 ALL	487724.34	3673352.79	0.000362623	9901 DieselExhPM	0.000000194	30YrCancerDerived	*	0.000000194	INHALATION
1587 ALL	487744.34	3673352.79	0.000382477	9901 DieselExhPM	0.000000204	30YrCancerDerived	*	0.000000204	INHALATION
1588 ALL	487812.39	3673392.61	0.000521867	9901 DieselExhPM	0.000000279	30YrCancerDerived	*	0.000000279	INHALATION
1589 ALL	487832.39	3673392.61	0.00065132	9901 DieselExhPM	0.000000348	30YrCancerDerived	*	0.000000348	INHALATION
1590 ALL	487852.39	3673392.61	0.000981742	9901 DieselExhPM	0.000000524	30YrCancerDerived	*	0.000000524	INHALATION
1591 ALL	487872.39	3673392.61	0.001714023	9901 DieselExhPM	0.000000915	30YrCancerDerived	*	0.000000915	INHALATION
1592 ALL	487892.39	3673392.61	0.002892448	9901 DieselExhPM	0.00000154	30YrCancerDerived	*	0.00000154	INHALATION
1593 ALL	487912.39	3673392.61	0.003829177	9901 DieselExhPM	0.00000204	30YrCancerDerived	*	0.00000204	INHALATION
1594 ALL	487932.39	3673392.61	0.00470477	9901 DieselExhPM	0.00000251	30YrCancerDerived	*	0.00000251	INHALATION
1595 ALL	487952.39	3673392.61	0.005258932	9901 DieselExhPM	0.00000281	30YrCancerDerived	*	0.00000281	INHALATION
1596 ALL	487972.39	3673392.61	0.00552378	9901 DieselExhPM	0.00000295	30YrCancerDerived	*	0.00000295	INHALATION
1597 ALL	487992.39	3673392.61	0.004817046	9901 DieselExhPM	0.00000257	30YrCancerDerived	*	0.00000257	INHALATION
1598 ALL	487724.34	3673372.79	0.000477733	9901 DieselExhPM	0.000000255	30YrCancerDerived	*	0.000000255	INHALATION
1599 ALL	487744.34	3673372.79	0.000469237	9901 DieselExhPM	0.000000251	30YrCancerDerived	*	0.000000251	INHALATION
1600 ALL	487852.39	3673412.61	0.001107521	9901 DieselExhPM	0.000000591	30YrCancerDerived	*	0.000000591	INHALATION
1601 ALL	487872.39	3673412.61	0.001986993	9901 DieselExhPM	0.00000106	30YrCancerDerived	*	0.00000106	INHALATION
1602 ALL	487892.39	3673412.61	0.003871264	9901 DieselExhPM	0.00000207	30YrCancerDerived	*	0.00000207	INHALATION
1603 ALL	487912.39	3673412.61	0.007824996	9901 DieselExhPM	0.00000418	30YrCancerDerived	*	0.00000418	INHALATION
1604 ALL	487932.39	3673412.61	0.006365635	9901 DieselExhPM	0.00000034	30YrCancerDerived	*	0.00000034	INHALATION
1605 ALL	487952.39	3673412.61	0.005500182	9901 DieselExhPM	0.00000294	30YrCancerDerived	*	0.00000294	INHALATION
1606 ALL	487972.39	3673412.61	0.00490913	9901 DieselExhPM	0.00000262	30YrCancerDerived	*	0.00000262	INHALATION
1607 ALL	487992.39	3673412.61	0.004189404	9901 DieselExhPM	0.00000224	30YrCancerDerived	*	0.00000224	INHALATION
1608 ALL	487724.34	3673392.79	0.000671885	9901 DieselExhPM	0.000000359	30YrCancerDerived	*	0.000000359	INHALATION
1609 ALL	487744.34	3673392.79	0.000582329	9901 DieselExhPM	0.000000311	30YrCancerDerived	*	0.000000311	INHALATION
1610 ALL	487872.39	3673432.61	0.00359942	9901 DieselExhPM	0.00000192	30YrCancerDerived	*	0.00000192	INHALATION
1611 ALL	487892.39	3673432.61	0.008381993	9901 DieselExhPM	0.00000447	30YrCancerDerived	*	0.00000447	INHALATION
1612 ALL	487912.39	3673432.61	0.01545208	9901 DieselExhPM	0.00000825	30YrCancerDerived	*	0.00000825	INHALATION
1613 ALL	487932.39	3673432.61	0.01016171	9901 DieselExhPM	0.00000542	30YrCancerDerived	*	0.00000542	INHALATION
1614 ALL	487952.39	3673432.61	0.007546258	9901 DieselExhPM	0.00000403	30YrCancerDerived	*	0.00000403	INHALATION
1615 ALL	487972.39	3673432.61	0.0060629	9901 DieselExhPM	0.00000324	30YrCancerDerived	*	0.00000324	INHALATION
1616 ALL	487724.34	3673412.79	0.000808645	9901 DieselExhPM	0.000000432	30YrCancerDerived	*	0.000000432	INHALATION
1617 ALL	487744.34	3673412.79	0.000715405	9901 DieselExhPM	0.000000382	30YrCancerDerived	*	0.000000382	INHALATION
1618 ALL	487912.39	3673452.61	0.02103847	9901 DieselExhPM	0.0000112	30YrCancerDerived	*	0.0000112	INHALATION
1619 ALL	487932.39	3673452.61	0.01920337	9901 DieselExhPM	0.0000103	30YrCancerDerived	*	0.0000103	INHALATION
1620 ALL	487952.39	3673452.61	0.01609059	9901 DieselExhPM	0.00000859	30YrCancerDerived	*	0.00000859	INHALATION

1621 ALL	487972.39	3673452.61	0.009383769	9901 DieselExhPM	0.00000501	30YrCancerDerived	*	0.00000501	INHALATION
1622 ALL	487724.34	3673432.79	0.001074087	9901 DieselExhPM	0.000000573	30YrCancerDerived	*	0.000000573	INHALATION
1623 ALL	487744.34	3673432.79	0.000842436	9901 DieselExhPM	0.00000045	30YrCancerDerived	*	0.00000045	INHALATION
1624 ALL	487932.39	3673472.61	0.02517421	9901 DieselExhPM	0.0000134	30YrCancerDerived	*	0.0000134	INHALATION
1625 ALL	487952.39	3673472.61	0.02665296	9901 DieselExhPM	0.0000142	30YrCancerDerived	*	0.0000142	INHALATION
1626 ALL	487724.34	3673452.79	0.001545357	9901 DieselExhPM	0.000000825	30YrCancerDerived	*	0.000000825	INHALATION
1627 ALL	487744.34	3673452.79	0.00105918	9901 DieselExhPM	0.000000565	30YrCancerDerived	*	0.000000565	INHALATION
1628 ALL	487724.34	3673472.79	0.002439922	9901 DieselExhPM	0.0000013	30YrCancerDerived	*	0.0000013	INHALATION
1629 ALL	487724.34	3673492.79	0.004614423	9901 DieselExhPM	0.00000246	30YrCancerDerived	*	0.00000246	INHALATION
1630 ALL	487744.36	3673445.97	0.000970296	9901 DieselExhPM	0.000000518	30YrCancerDerived	*	0.000000518	INHALATION
1631 ALL	487765.2	3673445.97	0.000903442	9901 DieselExhPM	0.000000482	30YrCancerDerived	*	0.000000482	INHALATION
1632 ALL	487786.04	3673445.97	0.001044002	9901 DieselExhPM	0.000000557	30YrCancerDerived	*	0.000000557	INHALATION
1633 ALL	487723.52	3673465.85	0.002133385	9901 DieselExhPM	0.00000114	30YrCancerDerived	*	0.00000114	INHALATION
1634 ALL	487744.36	3673465.85	0.001397485	9901 DieselExhPM	0.000000746	30YrCancerDerived	*	0.000000746	INHALATION
1635 ALL	487765.2	3673465.85	0.00136605	9901 DieselExhPM	0.000000729	30YrCancerDerived	*	0.000000729	INHALATION
1636 ALL	487786.04	3673465.85	0.001870943	9901 DieselExhPM	0.000000999	30YrCancerDerived	*	0.000000999	INHALATION
1637 ALL	487806.88	3673465.85	0.002775713	9901 DieselExhPM	0.00000148	30YrCancerDerived	*	0.00000148	INHALATION
1638 ALL	487723.52	3673485.73	0.003608068	9901 DieselExhPM	0.00000193	30YrCancerDerived	*	0.00000193	INHALATION
1639 ALL	487744.36	3673485.73	0.002418736	9901 DieselExhPM	0.00000129	30YrCancerDerived	*	0.00000129	INHALATION
1640 ALL	487765.2	3673485.73	0.002269855	9901 DieselExhPM	0.00000121	30YrCancerDerived	*	0.00000121	INHALATION
1641 ALL	487786.04	3673485.73	0.003165644	9901 DieselExhPM	0.00000169	30YrCancerDerived	*	0.00000169	INHALATION
1642 ALL	487806.88	3673485.73	0.005210355	9901 DieselExhPM	0.00000278	30YrCancerDerived	*	0.00000278	INHALATION
1643 ALL	487827.72	3673485.73	0.008739561	9901 DieselExhPM	0.00000467	30YrCancerDerived	*	0.00000467	INHALATION
1644 ALL	487848.56	3673485.73	0.0132353	9901 DieselExhPM	0.00000707	30YrCancerDerived	*	0.00000707	INHALATION
1645 ALL	487723.52	3673505.61	0.005961332	9901 DieselExhPM	0.00000318	30YrCancerDerived	*	0.00000318	INHALATION
1646 ALL	487744.36	3673505.61	0.005220694	9901 DieselExhPM	0.00000279	30YrCancerDerived	*	0.00000279	INHALATION
1647 ALL	487765.2	3673505.61	0.003957226	9901 DieselExhPM	0.00000211	30YrCancerDerived	*	0.00000211	INHALATION
1648 ALL	487786.04	3673505.61	0.005047266	9901 DieselExhPM	0.00000269	30YrCancerDerived	*	0.00000269	INHALATION
1649 ALL	487806.88	3673505.61	0.007406353	9901 DieselExhPM	0.00000395	30YrCancerDerived	*	0.00000395	INHALATION
1650 ALL	487827.72	3673505.61	0.01031754	9901 DieselExhPM	0.00000551	30YrCancerDerived	*	0.00000551	INHALATION
1651 ALL	487848.56	3673505.61	0.01470197	9901 DieselExhPM	0.00000785	30YrCancerDerived	*	0.00000785	INHALATION
1652 ALL	487869.4	3673505.61	0.01781133	9901 DieselExhPM	0.00000951	30YrCancerDerived	*	0.00000951	INHALATION
1653 ALL	487744.36	3673525.49	0.006538871	9901 DieselExhPM	0.00000349	30YrCancerDerived	*	0.00000349	INHALATION
1654 ALL	487765.2	3673525.49	0.005562689	9901 DieselExhPM	0.00000297	30YrCancerDerived	*	0.00000297	INHALATION
1655 ALL	487786.04	3673525.49	0.005334501	9901 DieselExhPM	0.00000285	30YrCancerDerived	*	0.00000285	INHALATION

1656 ALL	487806.88	3673525.49	0.007014661	9901 DieselExhPM	0.00000374	30YrCancerDerived	*	0.00000374	INHALATION
1657 ALL	487827.72	3673525.49	0.009060915	9901 DieselExhPM	0.00000484	30YrCancerDerived	*	0.00000484	INHALATION
1658 ALL	487848.56	3673525.49	0.0118397	9901 DieselExhPM	0.00000632	30YrCancerDerived	*	0.00000632	INHALATION
1659 ALL	487869.4	3673525.49	0.0163802	9901 DieselExhPM	0.00000874	30YrCancerDerived	*	0.00000874	INHALATION
1660 ALL	487890.24	3673525.49	0.02089888	9901 DieselExhPM	0.0000112	30YrCancerDerived	*	0.0000112	INHALATION
1661 ALL	487911.08	3673525.49	0.02541428	9901 DieselExhPM	0.0000136	30YrCancerDerived	*	0.0000136	INHALATION
1662 ALL	487744.36	3673545.37	0.006523938	9901 DieselExhPM	0.00000348	30YrCancerDerived	*	0.00000348	INHALATION
1663 ALL	487765.2	3673545.37	0.005949534	9901 DieselExhPM	0.00000318	30YrCancerDerived	*	0.00000318	INHALATION
1664 ALL	487786.04	3673545.37	0.004295534	9901 DieselExhPM	0.00000229	30YrCancerDerived	*	0.00000229	INHALATION
1665 ALL	487806.88	3673545.37	0.004531348	9901 DieselExhPM	0.00000242	30YrCancerDerived	*	0.00000242	INHALATION
1666 ALL	487827.72	3673545.37	0.00507476	9901 DieselExhPM	0.00000271	30YrCancerDerived	*	0.00000271	INHALATION
1667 ALL	487848.56	3673545.37	0.006826908	9901 DieselExhPM	0.00000364	30YrCancerDerived	*	0.00000364	INHALATION
1668 ALL	487869.4	3673545.37	0.01110805	9901 DieselExhPM	0.00000593	30YrCancerDerived	*	0.00000593	INHALATION
1669 ALL	487890.24	3673545.37	0.0184357	9901 DieselExhPM	0.00000984	30YrCancerDerived	*	0.00000984	INHALATION
1670 ALL	487911.08	3673545.37	0.02470837	9901 DieselExhPM	0.0000132	30YrCancerDerived	*	0.0000132	INHALATION
1671 ALL	487931.92	3673545.37	0.02985177	9901 DieselExhPM	0.0000159	30YrCancerDerived	*	0.0000159	INHALATION
1672 ALL	487744.36	3673565.25	0.006941538	9901 DieselExhPM	0.00000371	30YrCancerDerived	*	0.00000371	INHALATION
1673 ALL	487765.2	3673565.25	0.006221499	9901 DieselExhPM	0.00000332	30YrCancerDerived	*	0.00000332	INHALATION
1674 ALL	487786.04	3673565.25	0.003811156	9901 DieselExhPM	0.00000203	30YrCancerDerived	*	0.00000203	INHALATION
1675 ALL	487806.88	3673565.25	0.00274448	9901 DieselExhPM	0.00000147	30YrCancerDerived	*	0.00000147	INHALATION
1676 ALL	487827.72	3673565.25	0.002275784	9901 DieselExhPM	0.00000121	30YrCancerDerived	*	0.00000121	INHALATION
1677 ALL	487848.56	3673565.25	0.002606533	9901 DieselExhPM	0.00000139	30YrCancerDerived	*	0.00000139	INHALATION
1678 ALL	487869.4	3673565.25	0.00495042	9901 DieselExhPM	0.00000264	30YrCancerDerived	*	0.00000264	INHALATION
1679 ALL	487890.24	3673565.25	0.01222888	9901 DieselExhPM	0.00000653	30YrCancerDerived	*	0.00000653	INHALATION
1680 ALL	487911.08	3673565.25	0.0210904	9901 DieselExhPM	0.0000113	30YrCancerDerived	*	0.0000113	INHALATION
1681 ALL	487765.2	3673585.13	0.006758543	9901 DieselExhPM	0.00000361	30YrCancerDerived	*	0.00000361	INHALATION
1682 ALL	487786.04	3673585.13	0.003343452	9901 DieselExhPM	0.00000178	30YrCancerDerived	*	0.00000178	INHALATION
1683 ALL	487806.88	3673585.13	0.00209706	9901 DieselExhPM	0.00000112	30YrCancerDerived	*	0.00000112	INHALATION
1684 ALL	487827.72	3673585.13	0.001647572	9901 DieselExhPM	0.00000088	30YrCancerDerived	*	0.00000088	INHALATION
1685 ALL	487848.56	3673585.13	0.001894879	9901 DieselExhPM	0.00000101	30YrCancerDerived	*	0.00000101	INHALATION
1686 ALL	487869.4	3673585.13	0.003362041	9901 DieselExhPM	0.00000179	30YrCancerDerived	*	0.00000179	INHALATION
1687 ALL	487890.24	3673585.13	0.008661715	9901 DieselExhPM	0.00000462	30YrCancerDerived	*	0.00000462	INHALATION
1688 ALL	487911.08	3673585.13	0.01576256	9901 DieselExhPM	0.00000841	30YrCancerDerived	*	0.00000841	INHALATION
1689 ALL	487786.04	3673605.01	0.003561737	9901 DieselExhPM	0.00000019	30YrCancerDerived	*	0.00000019	INHALATION
1690 ALL	487806.88	3673605.01	0.001891847	9901 DieselExhPM	0.00000101	30YrCancerDerived	*	0.00000101	INHALATION

1691 ALL	487827.72	3673605.01	0.001770988	9901 DieselExhPM	0.000000945	30YrCancerDerived	*	0.000000945	INHALATION
1692 ALL	487848.56	3673605.01	0.002097491	9901 DieselExhPM	0.00000112	30YrCancerDerived	*	0.00000112	INHALATION
1693 ALL	487869.4	3673605.01	0.004373881	9901 DieselExhPM	0.00000234	30YrCancerDerived	*	0.00000234	INHALATION
1694 ALL	487890.24	3673605.01	0.009088158	9901 DieselExhPM	0.00000485	30YrCancerDerived	*	0.00000485	INHALATION
1 ALL	487640.16	3673346.57	0.000557	71432 Benzene	0.000000027	30YrCancerDerived	*	0.000000027	INHALATION
2 ALL	487661	3673346.57	0.000583066	71432 Benzene	2.83E-08	30YrCancerDerived	*	2.83E-08	INHALATION
3 ALL	487681.84	3673346.57	0.000618694	71432 Benzene	0.00000003	30YrCancerDerived	*	0.00000003	INHALATION
4 ALL	487702.68	3673346.57	0.000661996	71432 Benzene	3.21E-08	30YrCancerDerived	*	3.21E-08	INHALATION
5 ALL	487723.52	3673346.57	0.000713024	71432 Benzene	3.46E-08	30YrCancerDerived	*	3.46E-08	INHALATION
6 ALL	487598.48	3673366.45	0.000491302	71432 Benzene	2.38E-08	30YrCancerDerived	*	2.38E-08	INHALATION
7 ALL	487619.32	3673366.45	0.000555018	71432 Benzene	2.69E-08	30YrCancerDerived	*	2.69E-08	INHALATION
8 ALL	487640.16	3673366.45	0.000684498	71432 Benzene	3.32E-08	30YrCancerDerived	*	3.32E-08	INHALATION
9 ALL	487661	3673366.45	0.000769871	71432 Benzene	3.74E-08	30YrCancerDerived	*	3.74E-08	INHALATION
10 ALL	487681.84	3673366.45	0.000813795	71432 Benzene	3.95E-08	30YrCancerDerived	*	3.95E-08	INHALATION
11 ALL	487702.68	3673366.45	0.000890837	71432 Benzene	4.32E-08	30YrCancerDerived	*	4.32E-08	INHALATION
12 ALL	487723.52	3673366.45	0.000883385	71432 Benzene	4.29E-08	30YrCancerDerived	*	4.29E-08	INHALATION
13 ALL	487577.64	3673386.33	0.000501201	71432 Benzene	2.43E-08	30YrCancerDerived	*	2.43E-08	INHALATION
14 ALL	487598.48	3673386.33	0.000536637	71432 Benzene	0.000000026	30YrCancerDerived	*	0.000000026	INHALATION
15 ALL	487619.32	3673386.33	0.000626639	71432 Benzene	3.04E-08	30YrCancerDerived	*	3.04E-08	INHALATION
16 ALL	487640.16	3673386.33	0.000829832	71432 Benzene	4.03E-08	30YrCancerDerived	*	4.03E-08	INHALATION
17 ALL	487661	3673386.33	0.00111087	71432 Benzene	5.39E-08	30YrCancerDerived	*	5.39E-08	INHALATION
18 ALL	487681.84	3673386.33	0.001285055	71432 Benzene	6.24E-08	30YrCancerDerived	*	6.24E-08	INHALATION
19 ALL	487702.68	3673386.33	0.001337153	71432 Benzene	6.49E-08	30YrCancerDerived	*	6.49E-08	INHALATION
20 ALL	487723.52	3673386.33	0.001307616	71432 Benzene	6.35E-08	30YrCancerDerived	*	6.35E-08	INHALATION
21 ALL	487473.44	3673406.21	0.000379676	71432 Benzene	1.84E-08	30YrCancerDerived	*	1.84E-08	INHALATION
22 ALL	487494.28	3673406.21	0.000404635	71432 Benzene	1.96E-08	30YrCancerDerived	*	1.96E-08	INHALATION
23 ALL	487515.12	3673406.21	0.000426946	71432 Benzene	2.07E-08	30YrCancerDerived	*	2.07E-08	INHALATION
24 ALL	487535.96	3673406.21	0.000452651	71432 Benzene	0.000000022	30YrCancerDerived	*	0.000000022	INHALATION
25 ALL	487556.8	3673406.21	0.000491855	71432 Benzene	2.39E-08	30YrCancerDerived	*	2.39E-08	INHALATION
26 ALL	487577.64	3673406.21	0.000562326	71432 Benzene	2.73E-08	30YrCancerDerived	*	2.73E-08	INHALATION
27 ALL	487598.48	3673406.21	0.000670508	71432 Benzene	3.25E-08	30YrCancerDerived	*	3.25E-08	INHALATION
28 ALL	487619.32	3673406.21	0.000876995	71432 Benzene	4.26E-08	30YrCancerDerived	*	4.26E-08	INHALATION
29 ALL	487640.16	3673406.21	0.001264063	71432 Benzene	6.13E-08	30YrCancerDerived	*	6.13E-08	INHALATION
30 ALL	487661	3673406.21	0.001681376	71432 Benzene	8.16E-08	30YrCancerDerived	*	8.16E-08	INHALATION
31 ALL	487681.84	3673406.21	0.001853159	71432 Benzene	8.99E-08	30YrCancerDerived	*	8.99E-08	INHALATION

32 ALL	487702.68	3673406.21	0.001767211	71432 Benzene	8.58E-08 30YrCancerDerived	*	8.58E-08 INHALATION
33 ALL	487723.52	3673406.21	0.001577445	71432 Benzene	7.66E-08 30YrCancerDerived	*	7.66E-08 INHALATION
34 ALL	487431.76	3673426.09	0.000353832	71432 Benzene	1.72E-08 30YrCancerDerived	*	1.72E-08 INHALATION
35 ALL	487452.6	3673426.09	0.000371647	71432 Benzene	0.000000018 30YrCancerDerived	*	0.000000018 INHALATION
36 ALL	487473.44	3673426.09	0.000390751	71432 Benzene	0.000000019 30YrCancerDerived	*	0.000000019 INHALATION
37 ALL	487494.28	3673426.09	0.000416841	71432 Benzene	2.02E-08 30YrCancerDerived	*	2.02E-08 INHALATION
38 ALL	487515.12	3673426.09	0.000448229	71432 Benzene	2.18E-08 30YrCancerDerived	*	2.18E-08 INHALATION
39 ALL	487535.96	3673426.09	0.000479405	71432 Benzene	2.33E-08 30YrCancerDerived	*	2.33E-08 INHALATION
40 ALL	487556.8	3673426.09	0.000525937	71432 Benzene	2.55E-08 30YrCancerDerived	*	2.55E-08 INHALATION
41 ALL	487577.64	3673426.09	0.000613369	71432 Benzene	2.98E-08 30YrCancerDerived	*	2.98E-08 INHALATION
42 ALL	487598.48	3673426.09	0.000818342	71432 Benzene	3.97E-08 30YrCancerDerived	*	3.97E-08 INHALATION
43 ALL	487619.32	3673426.09	0.001225466	71432 Benzene	5.95E-08 30YrCancerDerived	*	5.95E-08 INHALATION
44 ALL	487640.16	3673426.09	0.001968542	71432 Benzene	9.55E-08 30YrCancerDerived	*	9.55E-08 INHALATION
45 ALL	487661	3673426.09	0.002632861	71432 Benzene	0.000000128 30YrCancerDerived	*	0.000000128 INHALATION
46 ALL	487681.84	3673426.09	0.002803107	71432 Benzene	0.000000136 30YrCancerDerived	*	0.000000136 INHALATION
47 ALL	487702.68	3673426.09	0.002321572	71432 Benzene	0.000000113 30YrCancerDerived	*	0.000000113 INHALATION
48 ALL	487723.52	3673426.09	0.002022525	71432 Benzene	9.82E-08 30YrCancerDerived	*	9.82E-08 INHALATION
49 ALL	487410.92	3673445.97	0.000356336	71432 Benzene	1.73E-08 30YrCancerDerived	*	1.73E-08 INHALATION
50 ALL	487431.76	3673445.97	0.000372647	71432 Benzene	1.81E-08 30YrCancerDerived	*	1.81E-08 INHALATION
51 ALL	487452.6	3673445.97	0.000390411	71432 Benzene	1.89E-08 30YrCancerDerived	*	1.89E-08 INHALATION
52 ALL	487473.44	3673445.97	0.000407782	71432 Benzene	1.98E-08 30YrCancerDerived	*	1.98E-08 INHALATION
53 ALL	487494.28	3673445.97	0.000426437	71432 Benzene	2.07E-08 30YrCancerDerived	*	2.07E-08 INHALATION
54 ALL	487515.12	3673445.97	0.000449079	71432 Benzene	2.18E-08 30YrCancerDerived	*	2.18E-08 INHALATION
55 ALL	487535.96	3673445.97	0.000476363	71432 Benzene	2.31E-08 30YrCancerDerived	*	2.31E-08 INHALATION
56 ALL	487556.8	3673445.97	0.000525271	71432 Benzene	2.55E-08 30YrCancerDerived	*	2.55E-08 INHALATION
57 ALL	487577.64	3673445.97	0.000597617	71432 Benzene	0.000000029 30YrCancerDerived	*	0.000000029 INHALATION
58 ALL	487598.48	3673445.97	0.000812089	71432 Benzene	3.94E-08 30YrCancerDerived	*	3.94E-08 INHALATION
59 ALL	487619.32	3673445.97	0.001237265	71432 Benzene	0.00000006 30YrCancerDerived	*	0.00000006 INHALATION
60 ALL	487640.16	3673445.97	0.002347229	71432 Benzene	0.000000114 30YrCancerDerived	*	0.000000114 INHALATION
61 ALL	487661	3673445.97	0.003774713	71432 Benzene	0.000000183 30YrCancerDerived	*	0.000000183 INHALATION
62 ALL	487681.84	3673445.97	0.004613458	71432 Benzene	0.000000224 30YrCancerDerived	*	0.000000224 INHALATION
63 ALL	487702.68	3673445.97	0.004004418	71432 Benzene	0.000000194 30YrCancerDerived	*	0.000000194 INHALATION
64 ALL	487369.24	3673465.85	0.00033452	71432 Benzene	1.62E-08 30YrCancerDerived	*	1.62E-08 INHALATION
65 ALL	487390.08	3673465.85	0.000356649	71432 Benzene	1.73E-08 30YrCancerDerived	*	1.73E-08 INHALATION
66 ALL	487410.92	3673465.85	0.000375739	71432 Benzene	1.82E-08 30YrCancerDerived	*	1.82E-08 INHALATION

67 ALL	487431.76	3673465.85	0.000406736	71432 Benzene	1.97E-08 30YrCancerDerived	*	1.97E-08 INHALATION
68 ALL	487452.6	3673465.85	0.000426087	71432 Benzene	2.07E-08 30YrCancerDerived	*	2.07E-08 INHALATION
69 ALL	487473.44	3673465.85	0.000438226	71432 Benzene	2.13E-08 30YrCancerDerived	*	2.13E-08 INHALATION
70 ALL	487494.28	3673465.85	0.000448583	71432 Benzene	2.18E-08 30YrCancerDerived	*	2.18E-08 INHALATION
71 ALL	487515.12	3673465.85	0.000440522	71432 Benzene	2.14E-08 30YrCancerDerived	*	2.14E-08 INHALATION
72 ALL	487535.96	3673465.85	0.000465021	71432 Benzene	2.26E-08 30YrCancerDerived	*	2.26E-08 INHALATION
73 ALL	487556.8	3673465.85	0.00051427	71432 Benzene	0.000000025 30YrCancerDerived	*	0.000000025 INHALATION
74 ALL	487577.64	3673465.85	0.000607455	71432 Benzene	2.95E-08 30YrCancerDerived	*	2.95E-08 INHALATION
75 ALL	487598.48	3673465.85	0.000841152	71432 Benzene	4.08E-08 30YrCancerDerived	*	4.08E-08 INHALATION
76 ALL	487619.32	3673465.85	0.001301024	71432 Benzene	6.31E-08 30YrCancerDerived	*	6.31E-08 INHALATION
77 ALL	487640.16	3673465.85	0.002498208	71432 Benzene	0.000000121 30YrCancerDerived	*	0.000000121 INHALATION
78 ALL	487661	3673465.85	0.0044826	71432 Benzene	0.000000218 30YrCancerDerived	*	0.000000218 INHALATION
79 ALL	487681.84	3673465.85	0.00580307	71432 Benzene	0.000000282 30YrCancerDerived	*	0.000000282 INHALATION
80 ALL	487702.68	3673465.85	0.006099363	71432 Benzene	0.000000296 30YrCancerDerived	*	0.000000296 INHALATION
81 ALL	487348.4	3673485.73	0.000322735	71432 Benzene	1.57E-08 30YrCancerDerived	*	1.57E-08 INHALATION
82 ALL	487369.24	3673485.73	0.000346258	71432 Benzene	1.68E-08 30YrCancerDerived	*	1.68E-08 INHALATION
83 ALL	487390.08	3673485.73	0.000379624	71432 Benzene	1.84E-08 30YrCancerDerived	*	1.84E-08 INHALATION
84 ALL	487410.92	3673485.73	0.000421244	71432 Benzene	2.04E-08 30YrCancerDerived	*	2.04E-08 INHALATION
85 ALL	487431.76	3673485.73	0.000460276	71432 Benzene	2.23E-08 30YrCancerDerived	*	2.23E-08 INHALATION
86 ALL	487452.6	3673485.73	0.000486727	71432 Benzene	2.36E-08 30YrCancerDerived	*	2.36E-08 INHALATION
87 ALL	487473.44	3673485.73	0.000493127	71432 Benzene	2.39E-08 30YrCancerDerived	*	2.39E-08 INHALATION
88 ALL	487494.28	3673485.73	0.00047478	71432 Benzene	0.000000023 30YrCancerDerived	*	0.000000023 INHALATION
89 ALL	487515.12	3673485.73	0.00044834	71432 Benzene	2.18E-08 30YrCancerDerived	*	2.18E-08 INHALATION
90 ALL	487535.96	3673485.73	0.000470806	71432 Benzene	2.28E-08 30YrCancerDerived	*	2.28E-08 INHALATION
91 ALL	487556.8	3673485.73	0.000552598	71432 Benzene	2.68E-08 30YrCancerDerived	*	2.68E-08 INHALATION
92 ALL	487577.64	3673485.73	0.000732201	71432 Benzene	3.55E-08 30YrCancerDerived	*	3.55E-08 INHALATION
93 ALL	487598.48	3673485.73	0.001127162	71432 Benzene	5.47E-08 30YrCancerDerived	*	5.47E-08 INHALATION
94 ALL	487619.32	3673485.73	0.001957426	71432 Benzene	0.000000095 30YrCancerDerived	*	0.000000095 INHALATION
95 ALL	487640.16	3673485.73	0.003665017	71432 Benzene	0.000000178 30YrCancerDerived	*	0.000000178 INHALATION
96 ALL	487661	3673485.73	0.005240099	71432 Benzene	0.000000254 30YrCancerDerived	*	0.000000254 INHALATION
97 ALL	487681.84	3673485.73	0.006780055	71432 Benzene	0.000000329 30YrCancerDerived	*	0.000000329 INHALATION
98 ALL	487223.36	3673505.61	0.0002486	71432 Benzene	1.21E-08 30YrCancerDerived	*	1.21E-08 INHALATION
99 ALL	487244.2	3673505.61	0.000257774	71432 Benzene	1.25E-08 30YrCancerDerived	*	1.25E-08 INHALATION
100 ALL	487327.56	3673505.61	0.000319799	71432 Benzene	1.55E-08 30YrCancerDerived	*	1.55E-08 INHALATION
101 ALL	487348.4	3673505.61	0.000337832	71432 Benzene	1.64E-08 30YrCancerDerived	*	1.64E-08 INHALATION

102 ALL	487369.24	3673505.61	0.000364693	71432 Benzene	1.77E-08 30YrCancerDerived	*	1.77E-08 INHALATION
103 ALL	487390.08	3673505.61	0.000404858	71432 Benzene	1.96E-08 30YrCancerDerived	*	1.96E-08 INHALATION
104 ALL	487410.92	3673505.61	0.000456564	71432 Benzene	2.22E-08 30YrCancerDerived	*	2.22E-08 INHALATION
105 ALL	487431.76	3673505.61	0.000543626	71432 Benzene	2.64E-08 30YrCancerDerived	*	2.64E-08 INHALATION
106 ALL	487452.6	3673505.61	0.000568275	71432 Benzene	2.76E-08 30YrCancerDerived	*	2.76E-08 INHALATION
107 ALL	487473.44	3673505.61	0.000560239	71432 Benzene	2.72E-08 30YrCancerDerived	*	2.72E-08 INHALATION
108 ALL	487494.28	3673505.61	0.000518963	71432 Benzene	2.52E-08 30YrCancerDerived	*	2.52E-08 INHALATION
109 ALL	487515.12	3673505.61	0.000491885	71432 Benzene	2.39E-08 30YrCancerDerived	*	2.39E-08 INHALATION
110 ALL	487535.96	3673505.61	0.000493085	71432 Benzene	2.39E-08 30YrCancerDerived	*	2.39E-08 INHALATION
111 ALL	487556.8	3673505.61	0.000567877	71432 Benzene	2.76E-08 30YrCancerDerived	*	2.76E-08 INHALATION
112 ALL	487577.64	3673505.61	0.000861511	71432 Benzene	4.18E-08 30YrCancerDerived	*	4.18E-08 INHALATION
113 ALL	487598.48	3673505.61	0.001929838	71432 Benzene	9.37E-08 30YrCancerDerived	*	9.37E-08 INHALATION
114 ALL	487619.32	3673505.61	0.003986809	71432 Benzene	0.000000193 30YrCancerDerived	*	0.000000193 INHALATION
115 ALL	487640.16	3673505.61	0.005419915	71432 Benzene	0.000000263 30YrCancerDerived	*	0.000000263 INHALATION
116 ALL	487661	3673505.61	0.005016161	71432 Benzene	0.000000243 30YrCancerDerived	*	0.000000243 INHALATION
117 ALL	487681.84	3673505.61	0.005643637	71432 Benzene	0.000000274 30YrCancerDerived	*	0.000000274 INHALATION
118 ALL	487223.36	3673525.49	0.000250184	71432 Benzene	1.21E-08 30YrCancerDerived	*	1.21E-08 INHALATION
119 ALL	487244.2	3673525.49	0.000261555	71432 Benzene	1.27E-08 30YrCancerDerived	*	1.27E-08 INHALATION
120 ALL	487265.04	3673525.49	0.000280782	71432 Benzene	1.36E-08 30YrCancerDerived	*	1.36E-08 INHALATION
121 ALL	487306.72	3673525.49	0.000320628	71432 Benzene	1.56E-08 30YrCancerDerived	*	1.56E-08 INHALATION
122 ALL	487327.56	3673525.49	0.000336135	71432 Benzene	1.63E-08 30YrCancerDerived	*	1.63E-08 INHALATION
123 ALL	487348.4	3673525.49	0.000360404	71432 Benzene	1.75E-08 30YrCancerDerived	*	1.75E-08 INHALATION
124 ALL	487369.24	3673525.49	0.000397211	71432 Benzene	1.93E-08 30YrCancerDerived	*	1.93E-08 INHALATION
125 ALL	487390.08	3673525.49	0.000441796	71432 Benzene	2.14E-08 30YrCancerDerived	*	2.14E-08 INHALATION
126 ALL	487410.92	3673525.49	0.000496795	71432 Benzene	2.41E-08 30YrCancerDerived	*	2.41E-08 INHALATION
127 ALL	487431.76	3673525.49	0.00059576	71432 Benzene	2.89E-08 30YrCancerDerived	*	2.89E-08 INHALATION
128 ALL	487452.6	3673525.49	0.000615443	71432 Benzene	2.99E-08 30YrCancerDerived	*	2.99E-08 INHALATION
129 ALL	487473.44	3673525.49	0.00062723	71432 Benzene	3.04E-08 30YrCancerDerived	*	3.04E-08 INHALATION
130 ALL	487494.28	3673525.49	0.000619543	71432 Benzene	3.01E-08 30YrCancerDerived	*	3.01E-08 INHALATION
131 ALL	487515.12	3673525.49	0.000595866	71432 Benzene	2.89E-08 30YrCancerDerived	*	2.89E-08 INHALATION
132 ALL	487535.96	3673525.49	0.000592086	71432 Benzene	2.87E-08 30YrCancerDerived	*	2.87E-08 INHALATION
133 ALL	487556.8	3673525.49	0.000649117	71432 Benzene	3.15E-08 30YrCancerDerived	*	3.15E-08 INHALATION
134 ALL	487577.64	3673525.49	0.000946939	71432 Benzene	0.000000046 30YrCancerDerived	*	0.000000046 INHALATION
135 ALL	487598.48	3673525.49	0.002191715	71432 Benzene	0.000000106 30YrCancerDerived	*	0.000000106 INHALATION
136 ALL	487619.32	3673525.49	0.005094985	71432 Benzene	0.000000247 30YrCancerDerived	*	0.000000247 INHALATION

137	ALL	487640.16	3673525.49	0.002890354	71432 Benzene	0.00000014	30YrCancerDerived	*	0.00000014	INHALATION
138	ALL	487661	3673525.49	0.001981528	71432 Benzene	9.62E-08	30YrCancerDerived	*	9.62E-08	INHALATION
139	ALL	487202.52	3673545.37	0.000245089	71432 Benzene	1.19E-08	30YrCancerDerived	*	1.19E-08	INHALATION
140	ALL	487223.36	3673545.37	0.000252685	71432 Benzene	1.23E-08	30YrCancerDerived	*	1.23E-08	INHALATION
141	ALL	487244.2	3673545.37	0.000266796	71432 Benzene	1.29E-08	30YrCancerDerived	*	1.29E-08	INHALATION
142	ALL	487265.04	3673545.37	0.000287181	71432 Benzene	1.39E-08	30YrCancerDerived	*	1.39E-08	INHALATION
143	ALL	487285.88	3673545.37	0.000307707	71432 Benzene	1.49E-08	30YrCancerDerived	*	1.49E-08	INHALATION
144	ALL	487306.72	3673545.37	0.000326443	71432 Benzene	1.58E-08	30YrCancerDerived	*	1.58E-08	INHALATION
145	ALL	487327.56	3673545.37	0.000348219	71432 Benzene	1.69E-08	30YrCancerDerived	*	1.69E-08	INHALATION
146	ALL	487348.4	3673545.37	0.00037058	71432 Benzene	0.000000018	30YrCancerDerived	*	0.000000018	INHALATION
147	ALL	487369.24	3673545.37	0.000398821	71432 Benzene	1.94E-08	30YrCancerDerived	*	1.94E-08	INHALATION
148	ALL	487390.08	3673545.37	0.000437817	71432 Benzene	2.12E-08	30YrCancerDerived	*	2.12E-08	INHALATION
149	ALL	487410.92	3673545.37	0.000498684	71432 Benzene	2.42E-08	30YrCancerDerived	*	2.42E-08	INHALATION
150	ALL	487431.76	3673545.37	0.000528678	71432 Benzene	2.57E-08	30YrCancerDerived	*	2.57E-08	INHALATION
151	ALL	487452.6	3673545.37	0.000537083	71432 Benzene	2.61E-08	30YrCancerDerived	*	2.61E-08	INHALATION
152	ALL	487473.44	3673545.37	0.000573053	71432 Benzene	2.78E-08	30YrCancerDerived	*	2.78E-08	INHALATION
153	ALL	487494.28	3673545.37	0.000744432	71432 Benzene	3.61E-08	30YrCancerDerived	*	3.61E-08	INHALATION
154	ALL	487515.12	3673545.37	0.000821725	71432 Benzene	3.99E-08	30YrCancerDerived	*	3.99E-08	INHALATION
155	ALL	487535.96	3673545.37	0.000832684	71432 Benzene	4.04E-08	30YrCancerDerived	*	4.04E-08	INHALATION
156	ALL	487556.8	3673545.37	0.000837494	71432 Benzene	4.06E-08	30YrCancerDerived	*	4.06E-08	INHALATION
157	ALL	487577.64	3673545.37	0.001243926	71432 Benzene	6.04E-08	30YrCancerDerived	*	6.04E-08	INHALATION
158	ALL	487598.48	3673545.37	0.002541216	71432 Benzene	0.000000123	30YrCancerDerived	*	0.000000123	INHALATION
159	ALL	487619.32	3673545.37	0.002002894	71432 Benzene	9.72E-08	30YrCancerDerived	*	9.72E-08	INHALATION
160	ALL	487640.16	3673545.37	0.001109324	71432 Benzene	5.38E-08	30YrCancerDerived	*	5.38E-08	INHALATION
161	ALL	487661	3673545.37	0.000965819	71432 Benzene	4.69E-08	30YrCancerDerived	*	4.69E-08	INHALATION
162	ALL	487181.68	3673565.25	0.000243495	71432 Benzene	1.18E-08	30YrCancerDerived	*	1.18E-08	INHALATION
163	ALL	487202.52	3673565.25	0.00024851	71432 Benzene	1.21E-08	30YrCancerDerived	*	1.21E-08	INHALATION
164	ALL	487223.36	3673565.25	0.000257678	71432 Benzene	1.25E-08	30YrCancerDerived	*	1.25E-08	INHALATION
165	ALL	487244.2	3673565.25	0.000269415	71432 Benzene	1.31E-08	30YrCancerDerived	*	1.31E-08	INHALATION
166	ALL	487265.04	3673565.25	0.000283436	71432 Benzene	1.38E-08	30YrCancerDerived	*	1.38E-08	INHALATION
167	ALL	487285.88	3673565.25	0.000298151	71432 Benzene	1.45E-08	30YrCancerDerived	*	1.45E-08	INHALATION
168	ALL	487306.72	3673565.25	0.000311224	71432 Benzene	1.51E-08	30YrCancerDerived	*	1.51E-08	INHALATION
169	ALL	487327.56	3673565.25	0.000327361	71432 Benzene	1.59E-08	30YrCancerDerived	*	1.59E-08	INHALATION
170	ALL	487348.4	3673565.25	0.00034773	71432 Benzene	1.69E-08	30YrCancerDerived	*	1.69E-08	INHALATION
171	ALL	487369.24	3673565.25	0.000377366	71432 Benzene	1.83E-08	30YrCancerDerived	*	1.83E-08	INHALATION

172 ALL	487390.08	3673565.25	0.000415561	71432 Benzene	2.02E-08	30YrCancerDerived	*	2.02E-08	INHALATION
173 ALL	487410.92	3673565.25	0.000456313	71432 Benzene	2.21E-08	30YrCancerDerived	*	2.21E-08	INHALATION
174 ALL	487431.76	3673565.25	0.000446631	71432 Benzene	2.17E-08	30YrCancerDerived	*	2.17E-08	INHALATION
175 ALL	487452.6	3673565.25	0.000454165	71432 Benzene	0.000000022	30YrCancerDerived	*	0.000000022	INHALATION
176 ALL	487473.44	3673565.25	0.000493641	71432 Benzene	0.000000024	30YrCancerDerived	*	0.000000024	INHALATION
177 ALL	487494.28	3673565.25	0.000598693	71432 Benzene	2.91E-08	30YrCancerDerived	*	2.91E-08	INHALATION
178 ALL	487515.12	3673565.25	0.00083755	71432 Benzene	4.06E-08	30YrCancerDerived	*	4.06E-08	INHALATION
179 ALL	487535.96	3673565.25	0.001233883	71432 Benzene	5.99E-08	30YrCancerDerived	*	5.99E-08	INHALATION
180 ALL	487556.8	3673565.25	0.001744814	71432 Benzene	8.47E-08	30YrCancerDerived	*	8.47E-08	INHALATION
181 ALL	487577.64	3673565.25	0.002488998	71432 Benzene	0.000000121	30YrCancerDerived	*	0.000000121	INHALATION
182 ALL	487598.48	3673565.25	0.002008336	71432 Benzene	9.75E-08	30YrCancerDerived	*	9.75E-08	INHALATION
183 ALL	487619.32	3673565.25	0.00101892	71432 Benzene	4.95E-08	30YrCancerDerived	*	4.95E-08	INHALATION
184 ALL	487640.16	3673565.25	0.000752079	71432 Benzene	3.65E-08	30YrCancerDerived	*	3.65E-08	INHALATION
185 ALL	487098.32	3673585.13	0.000232623	71432 Benzene	1.13E-08	30YrCancerDerived	*	1.13E-08	INHALATION
186 ALL	487119.16	3673585.13	0.000236451	71432 Benzene	1.15E-08	30YrCancerDerived	*	1.15E-08	INHALATION
187 ALL	487140	3673585.13	0.000240477	71432 Benzene	1.17E-08	30YrCancerDerived	*	1.17E-08	INHALATION
188 ALL	487160.84	3673585.13	0.000245247	71432 Benzene	1.19E-08	30YrCancerDerived	*	1.19E-08	INHALATION
189 ALL	487181.68	3673585.13	0.00024748	71432 Benzene	0.000000012	30YrCancerDerived	*	0.000000012	INHALATION
190 ALL	487202.52	3673585.13	0.000249101	71432 Benzene	1.21E-08	30YrCancerDerived	*	1.21E-08	INHALATION
191 ALL	487223.36	3673585.13	0.000254875	71432 Benzene	1.24E-08	30YrCancerDerived	*	1.24E-08	INHALATION
192 ALL	487244.2	3673585.13	0.000263682	71432 Benzene	1.28E-08	30YrCancerDerived	*	1.28E-08	INHALATION
193 ALL	487265.04	3673585.13	0.000273076	71432 Benzene	1.33E-08	30YrCancerDerived	*	1.33E-08	INHALATION
194 ALL	487285.88	3673585.13	0.00028378	71432 Benzene	1.38E-08	30YrCancerDerived	*	1.38E-08	INHALATION
195 ALL	487306.72	3673585.13	0.000298009	71432 Benzene	1.45E-08	30YrCancerDerived	*	1.45E-08	INHALATION
196 ALL	487327.56	3673585.13	0.000311727	71432 Benzene	1.51E-08	30YrCancerDerived	*	1.51E-08	INHALATION
197 ALL	487348.4	3673585.13	0.000330185	71432 Benzene	0.000000016	30YrCancerDerived	*	0.000000016	INHALATION
198 ALL	487369.24	3673585.13	0.000356865	71432 Benzene	1.73E-08	30YrCancerDerived	*	1.73E-08	INHALATION
199 ALL	487390.08	3673585.13	0.000401013	71432 Benzene	1.95E-08	30YrCancerDerived	*	1.95E-08	INHALATION
200 ALL	487410.92	3673585.13	0.000423363	71432 Benzene	2.05E-08	30YrCancerDerived	*	2.05E-08	INHALATION
201 ALL	487431.76	3673585.13	0.000401898	71432 Benzene	1.95E-08	30YrCancerDerived	*	1.95E-08	INHALATION
202 ALL	487452.6	3673585.13	0.000412681	71432 Benzene	0.000000002	30YrCancerDerived	*	0.000000002	INHALATION
203 ALL	487473.44	3673585.13	0.000442753	71432 Benzene	2.15E-08	30YrCancerDerived	*	2.15E-08	INHALATION
204 ALL	487494.28	3673585.13	0.000486753	71432 Benzene	2.36E-08	30YrCancerDerived	*	2.36E-08	INHALATION
205 ALL	487515.12	3673585.13	0.000622007	71432 Benzene	3.02E-08	30YrCancerDerived	*	3.02E-08	INHALATION
206 ALL	487535.96	3673585.13	0.000851242	71432 Benzene	4.13E-08	30YrCancerDerived	*	4.13E-08	INHALATION

207 ALL	487556.8	3673585.13	0.001265299	71432 Benzene	6.14E-08 30YrCancerDerived	*	6.14E-08 INHALATION
208 ALL	487577.64	3673585.13	0.001602315	71432 Benzene	7.78E-08 30YrCancerDerived	*	7.78E-08 INHALATION
209 ALL	487598.48	3673585.13	0.001020622	71432 Benzene	4.95E-08 30YrCancerDerived	*	4.95E-08 INHALATION
210 ALL	487619.32	3673585.13	0.000702267	71432 Benzene	3.41E-08 30YrCancerDerived	*	3.41E-08 INHALATION
211 ALL	487098.32	3673605.01	0.00024031	71432 Benzene	1.17E-08 30YrCancerDerived	*	1.17E-08 INHALATION
212 ALL	487119.16	3673605.01	0.000244111	71432 Benzene	1.18E-08 30YrCancerDerived	*	1.18E-08 INHALATION
213 ALL	487140	3673605.01	0.000247895	71432 Benzene	0.000000012 30YrCancerDerived	*	0.000000012 INHALATION
214 ALL	487160.84	3673605.01	0.000250561	71432 Benzene	1.22E-08 30YrCancerDerived	*	1.22E-08 INHALATION
215 ALL	487181.68	3673605.01	0.000248392	71432 Benzene	1.21E-08 30YrCancerDerived	*	1.21E-08 INHALATION
216 ALL	487202.52	3673605.01	0.000247498	71432 Benzene	0.000000012 30YrCancerDerived	*	0.000000012 INHALATION
217 ALL	487223.36	3673605.01	0.000250712	71432 Benzene	1.22E-08 30YrCancerDerived	*	1.22E-08 INHALATION
218 ALL	487244.2	3673605.01	0.000258957	71432 Benzene	1.26E-08 30YrCancerDerived	*	1.26E-08 INHALATION
219 ALL	487265.04	3673605.01	0.000269324	71432 Benzene	1.31E-08 30YrCancerDerived	*	1.31E-08 INHALATION
220 ALL	487285.88	3673605.01	0.000278771	71432 Benzene	1.35E-08 30YrCancerDerived	*	1.35E-08 INHALATION
221 ALL	487306.72	3673605.01	0.000289152	71432 Benzene	0.000000014 30YrCancerDerived	*	0.000000014 INHALATION
222 ALL	487327.56	3673605.01	0.000300359	71432 Benzene	1.46E-08 30YrCancerDerived	*	1.46E-08 INHALATION
223 ALL	487348.4	3673605.01	0.000319541	71432 Benzene	1.55E-08 30YrCancerDerived	*	1.55E-08 INHALATION
224 ALL	487369.24	3673605.01	0.000345218	71432 Benzene	1.68E-08 30YrCancerDerived	*	1.68E-08 INHALATION
225 ALL	487390.08	3673605.01	0.000387277	71432 Benzene	1.88E-08 30YrCancerDerived	*	1.88E-08 INHALATION
226 ALL	487410.92	3673605.01	0.000403072	71432 Benzene	1.96E-08 30YrCancerDerived	*	1.96E-08 INHALATION
227 ALL	487431.76	3673605.01	0.000377441	71432 Benzene	1.83E-08 30YrCancerDerived	*	1.83E-08 INHALATION
228 ALL	487452.6	3673605.01	0.000385994	71432 Benzene	1.87E-08 30YrCancerDerived	*	1.87E-08 INHALATION
229 ALL	487473.44	3673605.01	0.000414124	71432 Benzene	2.01E-08 30YrCancerDerived	*	2.01E-08 INHALATION
230 ALL	487494.28	3673605.01	0.000452926	71432 Benzene	0.000000022 30YrCancerDerived	*	0.000000022 INHALATION
231 ALL	487515.12	3673605.01	0.000526942	71432 Benzene	2.56E-08 30YrCancerDerived	*	2.56E-08 INHALATION
232 ALL	487535.96	3673605.01	0.000711645	71432 Benzene	3.45E-08 30YrCancerDerived	*	3.45E-08 INHALATION
233 ALL	487556.8	3673605.01	0.001008867	71432 Benzene	0.000000049 30YrCancerDerived	*	0.000000049 INHALATION
234 ALL	487577.64	3673605.01	0.000945199	71432 Benzene	4.59E-08 30YrCancerDerived	*	4.59E-08 INHALATION
235 ALL	487598.48	3673605.01	0.000674943	71432 Benzene	3.28E-08 30YrCancerDerived	*	3.28E-08 INHALATION
236 ALL	487119.16	3673624.89	0.000254786	71432 Benzene	1.24E-08 30YrCancerDerived	*	1.24E-08 INHALATION
237 ALL	487140	3673624.89	0.00025336	71432 Benzene	1.23E-08 30YrCancerDerived	*	1.23E-08 INHALATION
238 ALL	487160.84	3673624.89	0.000252762	71432 Benzene	1.23E-08 30YrCancerDerived	*	1.23E-08 INHALATION
239 ALL	487181.68	3673624.89	0.000250772	71432 Benzene	1.22E-08 30YrCancerDerived	*	1.22E-08 INHALATION
240 ALL	487202.52	3673624.89	0.000248893	71432 Benzene	1.21E-08 30YrCancerDerived	*	1.21E-08 INHALATION
241 ALL	487223.36	3673624.89	0.000249672	71432 Benzene	1.21E-08 30YrCancerDerived	*	1.21E-08 INHALATION

242 ALL	487244.2	3673624.89	0.000256159	71432 Benzene	1.24E-08 30YrCancerDerived	*	1.24E-08 INHALATION
243 ALL	487265.04	3673624.89	0.000267394	71432 Benzene	0.000000013 30YrCancerDerived	*	0.000000013 INHALATION
244 ALL	487285.88	3673624.89	0.000276905	71432 Benzene	1.34E-08 30YrCancerDerived	*	1.34E-08 INHALATION
245 ALL	487306.72	3673624.89	0.000286749	71432 Benzene	1.39E-08 30YrCancerDerived	*	1.39E-08 INHALATION
246 ALL	487327.56	3673624.89	0.000298952	71432 Benzene	1.45E-08 30YrCancerDerived	*	1.45E-08 INHALATION
247 ALL	487348.4	3673624.89	0.000317709	71432 Benzene	1.54E-08 30YrCancerDerived	*	1.54E-08 INHALATION
248 ALL	487369.24	3673624.89	0.000342678	71432 Benzene	1.66E-08 30YrCancerDerived	*	1.66E-08 INHALATION
249 ALL	487390.08	3673624.89	0.000380727	71432 Benzene	1.85E-08 30YrCancerDerived	*	1.85E-08 INHALATION
250 ALL	487410.92	3673624.89	0.000395972	71432 Benzene	1.92E-08 30YrCancerDerived	*	1.92E-08 INHALATION
251 ALL	487431.76	3673624.89	0.000366435	71432 Benzene	1.78E-08 30YrCancerDerived	*	1.78E-08 INHALATION
252 ALL	487452.6	3673624.89	0.000371309	71432 Benzene	0.000000018 30YrCancerDerived	*	0.000000018 INHALATION
253 ALL	487473.44	3673624.89	0.000394846	71432 Benzene	1.92E-08 30YrCancerDerived	*	1.92E-08 INHALATION
254 ALL	487494.28	3673624.89	0.000435117	71432 Benzene	2.11E-08 30YrCancerDerived	*	2.11E-08 INHALATION
255 ALL	487515.12	3673624.89	0.000504166	71432 Benzene	2.45E-08 30YrCancerDerived	*	2.45E-08 INHALATION
256 ALL	487535.96	3673624.89	0.000649404	71432 Benzene	3.15E-08 30YrCancerDerived	*	3.15E-08 INHALATION
257 ALL	487556.8	3673624.89	0.000726404	71432 Benzene	3.53E-08 30YrCancerDerived	*	3.53E-08 INHALATION
258 ALL	487577.64	3673624.89	0.000613576	71432 Benzene	2.98E-08 30YrCancerDerived	*	2.98E-08 INHALATION
259 ALL	487119.16	3673644.77	0.000253313	71432 Benzene	1.23E-08 30YrCancerDerived	*	1.23E-08 INHALATION
260 ALL	487140	3673644.77	0.000250102	71432 Benzene	1.21E-08 30YrCancerDerived	*	1.21E-08 INHALATION
261 ALL	487160.84	3673644.77	0.000250969	71432 Benzene	1.22E-08 30YrCancerDerived	*	1.22E-08 INHALATION
262 ALL	487181.68	3673644.77	0.000251964	71432 Benzene	1.22E-08 30YrCancerDerived	*	1.22E-08 INHALATION
263 ALL	487202.52	3673644.77	0.000251583	71432 Benzene	1.22E-08 30YrCancerDerived	*	1.22E-08 INHALATION
264 ALL	487223.36	3673644.77	0.00025202	71432 Benzene	1.22E-08 30YrCancerDerived	*	1.22E-08 INHALATION
265 ALL	487244.2	3673644.77	0.000256832	71432 Benzene	1.25E-08 30YrCancerDerived	*	1.25E-08 INHALATION
266 ALL	487265.04	3673644.77	0.00026687	71432 Benzene	0.000000013 30YrCancerDerived	*	0.000000013 INHALATION
267 ALL	487285.88	3673644.77	0.000277207	71432 Benzene	1.35E-08 30YrCancerDerived	*	1.35E-08 INHALATION
268 ALL	487306.72	3673644.77	0.000287776	71432 Benzene	0.000000014 30YrCancerDerived	*	0.000000014 INHALATION
269 ALL	487327.56	3673644.77	0.000299486	71432 Benzene	1.45E-08 30YrCancerDerived	*	1.45E-08 INHALATION
270 ALL	487348.4	3673644.77	0.000315009	71432 Benzene	1.53E-08 30YrCancerDerived	*	1.53E-08 INHALATION
271 ALL	487369.24	3673644.77	0.000334898	71432 Benzene	1.63E-08 30YrCancerDerived	*	1.63E-08 INHALATION
272 ALL	487390.08	3673644.77	0.000368078	71432 Benzene	1.79E-08 30YrCancerDerived	*	1.79E-08 INHALATION
273 ALL	487410.92	3673644.77	0.000391313	71432 Benzene	0.000000019 30YrCancerDerived	*	0.000000019 INHALATION
274 ALL	487431.76	3673644.77	0.000367864	71432 Benzene	1.79E-08 30YrCancerDerived	*	1.79E-08 INHALATION
275 ALL	487452.6	3673644.77	0.000361793	71432 Benzene	1.76E-08 30YrCancerDerived	*	1.76E-08 INHALATION
276 ALL	487473.44	3673644.77	0.000380244	71432 Benzene	1.85E-08 30YrCancerDerived	*	1.85E-08 INHALATION

277 ALL	487494.28	3673644.77	0.000426918	71432 Benzene	2.07E-08 30YrCancerDerived	*	2.07E-08 INHALATION
278 ALL	487515.12	3673644.77	0.00049987	71432 Benzene	2.43E-08 30YrCancerDerived	*	2.43E-08 INHALATION
279 ALL	487535.96	3673644.77	0.000581727	71432 Benzene	2.82E-08 30YrCancerDerived	*	2.82E-08 INHALATION
280 ALL	487556.8	3673644.77	0.000562149	71432 Benzene	2.73E-08 30YrCancerDerived	*	2.73E-08 INHALATION
281 ALL	487160.84	3673664.65	0.000246662	71432 Benzene	0.000000012 30YrCancerDerived	*	0.000000012 INHALATION
282 ALL	487181.68	3673664.65	0.000249153	71432 Benzene	1.21E-08 30YrCancerDerived	*	1.21E-08 INHALATION
283 ALL	487202.52	3673664.65	0.000250403	71432 Benzene	1.22E-08 30YrCancerDerived	*	1.22E-08 INHALATION
284 ALL	487223.36	3673664.65	0.000252816	71432 Benzene	1.23E-08 30YrCancerDerived	*	1.23E-08 INHALATION
285 ALL	487244.2	3673664.65	0.000257807	71432 Benzene	1.25E-08 30YrCancerDerived	*	1.25E-08 INHALATION
286 ALL	487327.56	3673664.65	0.000304355	71432 Benzene	1.48E-08 30YrCancerDerived	*	1.48E-08 INHALATION
287 ALL	487348.4	3673664.65	0.00031981	71432 Benzene	1.55E-08 30YrCancerDerived	*	1.55E-08 INHALATION
288 ALL	487369.24	3673664.65	0.000334862	71432 Benzene	1.63E-08 30YrCancerDerived	*	1.63E-08 INHALATION
289 ALL	487390.08	3673664.65	0.000364577	71432 Benzene	1.77E-08 30YrCancerDerived	*	1.77E-08 INHALATION
290 ALL	487410.92	3673664.65	0.000391307	71432 Benzene	0.000000019 30YrCancerDerived	*	0.000000019 INHALATION
291 ALL	487431.76	3673664.65	0.000369838	71432 Benzene	1.79E-08 30YrCancerDerived	*	1.79E-08 INHALATION
292 ALL	487452.6	3673664.65	0.00035939	71432 Benzene	1.74E-08 30YrCancerDerived	*	1.74E-08 INHALATION
293 ALL	487473.44	3673664.65	0.00037613	71432 Benzene	1.83E-08 30YrCancerDerived	*	1.83E-08 INHALATION
294 ALL	487494.28	3673664.65	0.000432027	71432 Benzene	0.000000021 30YrCancerDerived	*	0.000000021 INHALATION
295 ALL	487515.12	3673664.65	0.000492844	71432 Benzene	2.39E-08 30YrCancerDerived	*	2.39E-08 INHALATION
296 ALL	487535.96	3673664.65	0.000505578	71432 Benzene	2.45E-08 30YrCancerDerived	*	2.45E-08 INHALATION
297 ALL	487348.4	3673684.53	0.000328312	71432 Benzene	1.59E-08 30YrCancerDerived	*	1.59E-08 INHALATION
298 ALL	487369.24	3673684.53	0.000343861	71432 Benzene	1.67E-08 30YrCancerDerived	*	1.67E-08 INHALATION
299 ALL	487390.08	3673684.53	0.000370336	71432 Benzene	0.000000018 30YrCancerDerived	*	0.000000018 INHALATION
300 ALL	487410.92	3673684.53	0.000381685	71432 Benzene	1.85E-08 30YrCancerDerived	*	1.85E-08 INHALATION
301 ALL	487431.76	3673684.53	0.000368595	71432 Benzene	1.79E-08 30YrCancerDerived	*	1.79E-08 INHALATION
302 ALL	487452.6	3673684.53	0.000362573	71432 Benzene	1.76E-08 30YrCancerDerived	*	1.76E-08 INHALATION
303 ALL	487473.44	3673684.53	0.000389461	71432 Benzene	1.89E-08 30YrCancerDerived	*	1.89E-08 INHALATION
304 ALL	487494.28	3673684.53	0.000443748	71432 Benzene	2.15E-08 30YrCancerDerived	*	2.15E-08 INHALATION
305 ALL	487515.12	3673684.53	0.000466233	71432 Benzene	2.26E-08 30YrCancerDerived	*	2.26E-08 INHALATION
306 ALL	487390.08	3673704.41	0.000364841	71432 Benzene	1.77E-08 30YrCancerDerived	*	1.77E-08 INHALATION
307 ALL	487410.92	3673704.41	0.00036872	71432 Benzene	1.79E-08 30YrCancerDerived	*	1.79E-08 INHALATION
308 ALL	487431.76	3673704.41	0.000360307	71432 Benzene	1.75E-08 30YrCancerDerived	*	1.75E-08 INHALATION
309 ALL	487452.6	3673704.41	0.000366625	71432 Benzene	1.78E-08 30YrCancerDerived	*	1.78E-08 INHALATION
310 ALL	487473.44	3673704.41	0.000401401	71432 Benzene	1.95E-08 30YrCancerDerived	*	1.95E-08 INHALATION
311 ALL	487494.28	3673704.41	0.000433693	71432 Benzene	0.000000021 30YrCancerDerived	*	0.000000021 INHALATION

312 ALL	487390.08	3673724.29	0.000356328	71432 Benzene	1.73E-08 30YrCancerDerived	*	1.73E-08 INHALATION
313 ALL	487410.92	3673724.29	0.000360475	71432 Benzene	1.75E-08 30YrCancerDerived	*	1.75E-08 INHALATION
314 ALL	487431.76	3673724.29	0.000359368	71432 Benzene	1.74E-08 30YrCancerDerived	*	1.74E-08 INHALATION
315 ALL	487452.6	3673724.29	0.000371714	71432 Benzene	0.000000018 30YrCancerDerived	*	0.000000018 INHALATION
316 ALL	487473.44	3673724.29	0.000402789	71432 Benzene	1.95E-08 30YrCancerDerived	*	1.95E-08 INHALATION
317 ALL	487410.92	3673744.17	0.000357476	71432 Benzene	1.73E-08 30YrCancerDerived	*	1.73E-08 INHALATION
318 ALL	487431.76	3673744.17	0.00036227	71432 Benzene	1.76E-08 30YrCancerDerived	*	1.76E-08 INHALATION
319 ALL	487452.6	3673744.17	0.000376424	71432 Benzene	1.83E-08 30YrCancerDerived	*	1.83E-08 INHALATION
320 ALL	487473.44	3673744.17	0.000394322	71432 Benzene	1.91E-08 30YrCancerDerived	*	1.91E-08 INHALATION
321 ALL	487410.92	3673764.05	0.000356185	71432 Benzene	1.73E-08 30YrCancerDerived	*	1.73E-08 INHALATION
322 ALL	487431.76	3673764.05	0.00036209	71432 Benzene	1.76E-08 30YrCancerDerived	*	1.76E-08 INHALATION
323 ALL	487452.6	3673764.05	0.000378372	71432 Benzene	1.84E-08 30YrCancerDerived	*	1.84E-08 INHALATION
324 ALL	487431.76	3673783.93	0.00036129	71432 Benzene	1.75E-08 30YrCancerDerived	*	1.75E-08 INHALATION
325 ALL	487452.6	3673783.93	0.000376329	71432 Benzene	1.83E-08 30YrCancerDerived	*	1.83E-08 INHALATION
326 ALL	487014.96	3674221.29	0.000280801	71432 Benzene	1.36E-08 30YrCancerDerived	*	1.36E-08 INHALATION
327 ALL	487035.8	3674221.29	0.000283936	71432 Benzene	1.38E-08 30YrCancerDerived	*	1.38E-08 INHALATION
328 ALL	487056.64	3674221.29	0.000288406	71432 Benzene	0.000000014 30YrCancerDerived	*	0.000000014 INHALATION
329 ALL	487077.48	3674221.29	0.000292523	71432 Benzene	1.42E-08 30YrCancerDerived	*	1.42E-08 INHALATION
330 ALL	487098.32	3674221.29	0.000296923	71432 Benzene	1.44E-08 30YrCancerDerived	*	1.44E-08 INHALATION
331 ALL	487119.16	3674221.29	0.000303696	71432 Benzene	1.47E-08 30YrCancerDerived	*	1.47E-08 INHALATION
332 ALL	487140	3674221.29	0.000313417	71432 Benzene	1.52E-08 30YrCancerDerived	*	1.52E-08 INHALATION
333 ALL	487160.84	3674221.29	0.000323336	71432 Benzene	1.57E-08 30YrCancerDerived	*	1.57E-08 INHALATION
334 ALL	487181.68	3674221.29	0.000333949	71432 Benzene	1.62E-08 30YrCancerDerived	*	1.62E-08 INHALATION
335 ALL	486973.28	3674241.17	0.000275731	71432 Benzene	1.34E-08 30YrCancerDerived	*	1.34E-08 INHALATION
336 ALL	486994.12	3674241.17	0.000274454	71432 Benzene	1.33E-08 30YrCancerDerived	*	1.33E-08 INHALATION
337 ALL	487014.96	3674241.17	0.000279047	71432 Benzene	1.35E-08 30YrCancerDerived	*	1.35E-08 INHALATION
338 ALL	487035.8	3674241.17	0.000285179	71432 Benzene	1.38E-08 30YrCancerDerived	*	1.38E-08 INHALATION
339 ALL	487056.64	3674241.17	0.00029068	71432 Benzene	1.41E-08 30YrCancerDerived	*	1.41E-08 INHALATION
340 ALL	487077.48	3674241.17	0.000294306	71432 Benzene	1.43E-08 30YrCancerDerived	*	1.43E-08 INHALATION
341 ALL	487098.32	3674241.17	0.000299764	71432 Benzene	1.45E-08 30YrCancerDerived	*	1.45E-08 INHALATION
342 ALL	487119.16	3674241.17	0.000308266	71432 Benzene	0.000000015 30YrCancerDerived	*	0.000000015 INHALATION
343 ALL	487140	3674241.17	0.000320035	71432 Benzene	1.55E-08 30YrCancerDerived	*	1.55E-08 INHALATION
344 ALL	487160.84	3674241.17	0.000331846	71432 Benzene	1.61E-08 30YrCancerDerived	*	1.61E-08 INHALATION
345 ALL	487181.68	3674241.17	0.00034605	71432 Benzene	1.68E-08 30YrCancerDerived	*	1.68E-08 INHALATION
346 ALL	486952.44	3674261.05	0.000275104	71432 Benzene	1.34E-08 30YrCancerDerived	*	1.34E-08 INHALATION

347 ALL	486973.28	3674261.05	0.000271548	71432 Benzene	1.32E-08 30YrCancerDerived	*	1.32E-08 INHALATION
348 ALL	486994.12	3674261.05	0.000272634	71432 Benzene	1.32E-08 30YrCancerDerived	*	1.32E-08 INHALATION
349 ALL	487014.96	3674261.05	0.000278277	71432 Benzene	1.35E-08 30YrCancerDerived	*	1.35E-08 INHALATION
350 ALL	487035.8	3674261.05	0.000284764	71432 Benzene	1.38E-08 30YrCancerDerived	*	1.38E-08 INHALATION
351 ALL	487056.64	3674261.05	0.000290059	71432 Benzene	1.41E-08 30YrCancerDerived	*	1.41E-08 INHALATION
352 ALL	487077.48	3674261.05	0.000294972	71432 Benzene	1.43E-08 30YrCancerDerived	*	1.43E-08 INHALATION
353 ALL	487098.32	3674261.05	0.00030194	71432 Benzene	1.47E-08 30YrCancerDerived	*	1.47E-08 INHALATION
354 ALL	487119.16	3674261.05	0.000311961	71432 Benzene	1.51E-08 30YrCancerDerived	*	1.51E-08 INHALATION
355 ALL	487140	3674261.05	0.000324092	71432 Benzene	1.57E-08 30YrCancerDerived	*	1.57E-08 INHALATION
356 ALL	487160.84	3674261.05	0.000337208	71432 Benzene	1.64E-08 30YrCancerDerived	*	1.64E-08 INHALATION
357 ALL	487181.68	3674261.05	0.000355049	71432 Benzene	1.72E-08 30YrCancerDerived	*	1.72E-08 INHALATION
358 ALL	486931.6	3674280.93	0.00028115	71432 Benzene	1.36E-08 30YrCancerDerived	*	1.36E-08 INHALATION
359 ALL	486952.44	3674280.93	0.000272611	71432 Benzene	1.32E-08 30YrCancerDerived	*	1.32E-08 INHALATION
360 ALL	486973.28	3674280.93	0.00026982	71432 Benzene	1.31E-08 30YrCancerDerived	*	1.31E-08 INHALATION
361 ALL	486994.12	3674280.93	0.000272739	71432 Benzene	1.32E-08 30YrCancerDerived	*	1.32E-08 INHALATION
362 ALL	487014.96	3674280.93	0.000278703	71432 Benzene	1.35E-08 30YrCancerDerived	*	1.35E-08 INHALATION
363 ALL	487035.8	3674280.93	0.000285164	71432 Benzene	1.38E-08 30YrCancerDerived	*	1.38E-08 INHALATION
364 ALL	487056.64	3674280.93	0.000290026	71432 Benzene	1.41E-08 30YrCancerDerived	*	1.41E-08 INHALATION
365 ALL	487077.48	3674280.93	0.000295098	71432 Benzene	1.43E-08 30YrCancerDerived	*	1.43E-08 INHALATION
366 ALL	487098.32	3674280.93	0.000306367	71432 Benzene	1.49E-08 30YrCancerDerived	*	1.49E-08 INHALATION
367 ALL	487119.16	3674280.93	0.000318488	71432 Benzene	1.55E-08 30YrCancerDerived	*	1.55E-08 INHALATION
368 ALL	487140	3674280.93	0.000329063	71432 Benzene	0.000000016 30YrCancerDerived	*	0.000000016 INHALATION
369 ALL	487160.84	3674280.93	0.000342749	71432 Benzene	1.66E-08 30YrCancerDerived	*	1.66E-08 INHALATION
370 ALL	487181.68	3674280.93	0.000364799	71432 Benzene	1.77E-08 30YrCancerDerived	*	1.77E-08 INHALATION
371 ALL	486889.92	3674300.81	0.000321096	71432 Benzene	1.56E-08 30YrCancerDerived	*	1.56E-08 INHALATION
372 ALL	486910.76	3674300.81	0.000296708	71432 Benzene	1.44E-08 30YrCancerDerived	*	1.44E-08 INHALATION
373 ALL	486931.6	3674300.81	0.000277558	71432 Benzene	1.35E-08 30YrCancerDerived	*	1.35E-08 INHALATION
374 ALL	486952.44	3674300.81	0.000272668	71432 Benzene	1.32E-08 30YrCancerDerived	*	1.32E-08 INHALATION
375 ALL	486973.28	3674300.81	0.000271322	71432 Benzene	1.32E-08 30YrCancerDerived	*	1.32E-08 INHALATION
376 ALL	486994.12	3674300.81	0.000275054	71432 Benzene	1.33E-08 30YrCancerDerived	*	1.33E-08 INHALATION
377 ALL	487014.96	3674300.81	0.000280711	71432 Benzene	1.36E-08 30YrCancerDerived	*	1.36E-08 INHALATION
378 ALL	487035.8	3674300.81	0.000286334	71432 Benzene	1.39E-08 30YrCancerDerived	*	1.39E-08 INHALATION
379 ALL	487056.64	3674300.81	0.00029117	71432 Benzene	1.41E-08 30YrCancerDerived	*	1.41E-08 INHALATION
380 ALL	487077.48	3674300.81	0.000298275	71432 Benzene	1.45E-08 30YrCancerDerived	*	1.45E-08 INHALATION
381 ALL	487098.32	3674300.81	0.000313197	71432 Benzene	1.52E-08 30YrCancerDerived	*	1.52E-08 INHALATION

382 ALL	487119.16	3674300.81	0.000326858	71432 Benzene	1.59E-08 30YrCancerDerived	*	1.59E-08 INHALATION
383 ALL	487140	3674300.81	0.00033794	71432 Benzene	1.64E-08 30YrCancerDerived	*	1.64E-08 INHALATION
384 ALL	487160.84	3674300.81	0.000352182	71432 Benzene	1.71E-08 30YrCancerDerived	*	1.71E-08 INHALATION
385 ALL	487181.68	3674300.81	0.000376048	71432 Benzene	1.83E-08 30YrCancerDerived	*	1.83E-08 INHALATION
386 ALL	486869.08	3674320.69	0.000365521	71432 Benzene	1.77E-08 30YrCancerDerived	*	1.77E-08 INHALATION
387 ALL	486889.92	3674320.69	0.000326731	71432 Benzene	1.59E-08 30YrCancerDerived	*	1.59E-08 INHALATION
388 ALL	486910.76	3674320.69	0.000297449	71432 Benzene	1.44E-08 30YrCancerDerived	*	1.44E-08 INHALATION
389 ALL	486931.6	3674320.69	0.000278552	71432 Benzene	1.35E-08 30YrCancerDerived	*	1.35E-08 INHALATION
390 ALL	486952.44	3674320.69	0.000275058	71432 Benzene	1.33E-08 30YrCancerDerived	*	1.33E-08 INHALATION
391 ALL	486973.28	3674320.69	0.000275056	71432 Benzene	1.33E-08 30YrCancerDerived	*	1.33E-08 INHALATION
392 ALL	486994.12	3674320.69	0.000278607	71432 Benzene	1.35E-08 30YrCancerDerived	*	1.35E-08 INHALATION
393 ALL	487014.96	3674320.69	0.000285819	71432 Benzene	1.39E-08 30YrCancerDerived	*	1.39E-08 INHALATION
394 ALL	487035.8	3674320.69	0.000291738	71432 Benzene	1.42E-08 30YrCancerDerived	*	1.42E-08 INHALATION
395 ALL	487056.64	3674320.69	0.000295568	71432 Benzene	1.43E-08 30YrCancerDerived	*	1.43E-08 INHALATION
396 ALL	487077.48	3674320.69	0.000305404	71432 Benzene	1.48E-08 30YrCancerDerived	*	1.48E-08 INHALATION
397 ALL	487098.32	3674320.69	0.000320447	71432 Benzene	1.56E-08 30YrCancerDerived	*	1.56E-08 INHALATION
398 ALL	487119.16	3674320.69	0.00033416	71432 Benzene	1.62E-08 30YrCancerDerived	*	1.62E-08 INHALATION
399 ALL	487140	3674320.69	0.000348801	71432 Benzene	1.69E-08 30YrCancerDerived	*	1.69E-08 INHALATION
400 ALL	487160.84	3674320.69	0.000364494	71432 Benzene	1.77E-08 30YrCancerDerived	*	1.77E-08 INHALATION
401 ALL	487181.68	3674320.69	0.000386922	71432 Benzene	1.88E-08 30YrCancerDerived	*	1.88E-08 INHALATION
402 ALL	486848.24	3674340.57	0.000465879	71432 Benzene	2.26E-08 30YrCancerDerived	*	2.26E-08 INHALATION
403 ALL	486869.08	3674340.57	0.000388895	71432 Benzene	1.89E-08 30YrCancerDerived	*	1.89E-08 INHALATION
404 ALL	486889.92	3674340.57	0.000340023	71432 Benzene	1.65E-08 30YrCancerDerived	*	1.65E-08 INHALATION
405 ALL	486910.76	3674340.57	0.00030636	71432 Benzene	1.49E-08 30YrCancerDerived	*	1.49E-08 INHALATION
406 ALL	486931.6	3674340.57	0.000284086	71432 Benzene	1.38E-08 30YrCancerDerived	*	1.38E-08 INHALATION
407 ALL	486952.44	3674340.57	0.00027985	71432 Benzene	1.36E-08 30YrCancerDerived	*	1.36E-08 INHALATION
408 ALL	486973.28	3674340.57	0.00028192	71432 Benzene	1.37E-08 30YrCancerDerived	*	1.37E-08 INHALATION
409 ALL	486994.12	3674340.57	0.000287788	71432 Benzene	0.000000014 30YrCancerDerived	*	0.000000014 INHALATION
410 ALL	487014.96	3674340.57	0.000294729	71432 Benzene	1.43E-08 30YrCancerDerived	*	1.43E-08 INHALATION
411 ALL	487035.8	3674340.57	0.000298307	71432 Benzene	1.45E-08 30YrCancerDerived	*	1.45E-08 INHALATION
412 ALL	487056.64	3674340.57	0.000302779	71432 Benzene	1.47E-08 30YrCancerDerived	*	1.47E-08 INHALATION
413 ALL	487077.48	3674340.57	0.000312574	71432 Benzene	1.52E-08 30YrCancerDerived	*	1.52E-08 INHALATION
414 ALL	487098.32	3674340.57	0.000327124	71432 Benzene	1.59E-08 30YrCancerDerived	*	1.59E-08 INHALATION
415 ALL	487119.16	3674340.57	0.000340619	71432 Benzene	1.65E-08 30YrCancerDerived	*	1.65E-08 INHALATION
416 ALL	487140	3674340.57	0.000357562	71432 Benzene	1.74E-08 30YrCancerDerived	*	1.74E-08 INHALATION

417 ALL	487160.84	3674340.57	0.00037834	71432 Benzene	1.84E-08 30YrCancerDerived	*	1.84E-08 INHALATION
418 ALL	487181.68	3674340.57	0.000404022	71432 Benzene	1.96E-08 30YrCancerDerived	*	1.96E-08 INHALATION
419 ALL	486806.56	3674360.45	0.000656371	71432 Benzene	3.19E-08 30YrCancerDerived	*	3.19E-08 INHALATION
420 ALL	486827.4	3674360.45	0.000551988	71432 Benzene	2.68E-08 30YrCancerDerived	*	2.68E-08 INHALATION
421 ALL	486848.24	3674360.45	0.000472346	71432 Benzene	2.29E-08 30YrCancerDerived	*	2.29E-08 INHALATION
422 ALL	486869.08	3674360.45	0.000409421	71432 Benzene	1.99E-08 30YrCancerDerived	*	1.99E-08 INHALATION
423 ALL	486889.92	3674360.45	0.000359001	71432 Benzene	1.74E-08 30YrCancerDerived	*	1.74E-08 INHALATION
424 ALL	486910.76	3674360.45	0.000322149	71432 Benzene	1.56E-08 30YrCancerDerived	*	1.56E-08 INHALATION
425 ALL	486931.6	3674360.45	0.00029896	71432 Benzene	1.45E-08 30YrCancerDerived	*	1.45E-08 INHALATION
426 ALL	486952.44	3674360.45	0.00029011	71432 Benzene	1.41E-08 30YrCancerDerived	*	1.41E-08 INHALATION
427 ALL	486973.28	3674360.45	0.000292562	71432 Benzene	1.42E-08 30YrCancerDerived	*	1.42E-08 INHALATION
428 ALL	486994.12	3674360.45	0.000298383	71432 Benzene	1.45E-08 30YrCancerDerived	*	1.45E-08 INHALATION
429 ALL	487014.96	3674360.45	0.000302896	71432 Benzene	1.47E-08 30YrCancerDerived	*	1.47E-08 INHALATION
430 ALL	487035.8	3674360.45	0.000305376	71432 Benzene	1.48E-08 30YrCancerDerived	*	1.48E-08 INHALATION
431 ALL	487056.64	3674360.45	0.000310132	71432 Benzene	1.51E-08 30YrCancerDerived	*	1.51E-08 INHALATION
432 ALL	487077.48	3674360.45	0.000320035	71432 Benzene	1.55E-08 30YrCancerDerived	*	1.55E-08 INHALATION
433 ALL	487098.32	3674360.45	0.000333067	71432 Benzene	1.62E-08 30YrCancerDerived	*	1.62E-08 INHALATION
434 ALL	487119.16	3674360.45	0.000346232	71432 Benzene	1.68E-08 30YrCancerDerived	*	1.68E-08 INHALATION
435 ALL	487140	3674360.45	0.000362289	71432 Benzene	1.76E-08 30YrCancerDerived	*	1.76E-08 INHALATION
436 ALL	487160.84	3674360.45	0.000387805	71432 Benzene	1.88E-08 30YrCancerDerived	*	1.88E-08 INHALATION
437 ALL	487181.68	3674360.45	0.000419509	71432 Benzene	2.04E-08 30YrCancerDerived	*	2.04E-08 INHALATION
438 ALL	486785.72	3674380.33	0.000573384	71432 Benzene	2.78E-08 30YrCancerDerived	*	2.78E-08 INHALATION
439 ALL	486806.56	3674380.33	0.000566703	71432 Benzene	2.75E-08 30YrCancerDerived	*	2.75E-08 INHALATION
440 ALL	486827.4	3674380.33	0.000512757	71432 Benzene	2.49E-08 30YrCancerDerived	*	2.49E-08 INHALATION
441 ALL	486848.24	3674380.33	0.000463192	71432 Benzene	2.25E-08 30YrCancerDerived	*	2.25E-08 INHALATION
442 ALL	486869.08	3674380.33	0.000421152	71432 Benzene	2.04E-08 30YrCancerDerived	*	2.04E-08 INHALATION
443 ALL	486889.92	3674380.33	0.000379251	71432 Benzene	1.84E-08 30YrCancerDerived	*	1.84E-08 INHALATION
444 ALL	486910.76	3674380.33	0.000339667	71432 Benzene	1.65E-08 30YrCancerDerived	*	1.65E-08 INHALATION
445 ALL	486931.6	3674380.33	0.00032027	71432 Benzene	1.55E-08 30YrCancerDerived	*	1.55E-08 INHALATION
446 ALL	486952.44	3674380.33	0.000308186	71432 Benzene	0.000000015 30YrCancerDerived	*	0.000000015 INHALATION
447 ALL	486973.28	3674380.33	0.00030576	71432 Benzene	1.48E-08 30YrCancerDerived	*	1.48E-08 INHALATION
448 ALL	486994.12	3674380.33	0.000309044	71432 Benzene	0.000000015 30YrCancerDerived	*	0.000000015 INHALATION
449 ALL	487014.96	3674380.33	0.000310296	71432 Benzene	1.51E-08 30YrCancerDerived	*	1.51E-08 INHALATION
450 ALL	487035.8	3674380.33	0.000311887	71432 Benzene	1.51E-08 30YrCancerDerived	*	1.51E-08 INHALATION
451 ALL	487056.64	3674380.33	0.0003184	71432 Benzene	1.55E-08 30YrCancerDerived	*	1.55E-08 INHALATION

452 ALL	487077.48	3674380.33	0.000328576	71432 Benzene	1.59E-08 30YrCancerDerived	*	1.59E-08 INHALATION
453 ALL	487098.32	3674380.33	0.000340137	71432 Benzene	1.65E-08 30YrCancerDerived	*	1.65E-08 INHALATION
454 ALL	487119.16	3674380.33	0.000353353	71432 Benzene	1.71E-08 30YrCancerDerived	*	1.71E-08 INHALATION
455 ALL	487140	3674380.33	0.00036883	71432 Benzene	1.79E-08 30YrCancerDerived	*	1.79E-08 INHALATION
456 ALL	487160.84	3674380.33	0.00039093	71432 Benzene	0.000000019 30YrCancerDerived	*	0.000000019 INHALATION
457 ALL	487181.68	3674380.33	0.000423205	71432 Benzene	2.05E-08 30YrCancerDerived	*	2.05E-08 INHALATION
458 ALL	486702.36	3674400.21	0.000313494	71432 Benzene	1.52E-08 30YrCancerDerived	*	1.52E-08 INHALATION
459 ALL	486723.2	3674400.21	0.000344307	71432 Benzene	1.67E-08 30YrCancerDerived	*	1.67E-08 INHALATION
460 ALL	486744.04	3674400.21	0.000402451	71432 Benzene	1.95E-08 30YrCancerDerived	*	1.95E-08 INHALATION
461 ALL	486764.88	3674400.21	0.000495577	71432 Benzene	2.41E-08 30YrCancerDerived	*	2.41E-08 INHALATION
462 ALL	486785.72	3674400.21	0.00054508	71432 Benzene	2.65E-08 30YrCancerDerived	*	2.65E-08 INHALATION
463 ALL	486806.56	3674400.21	0.000499991	71432 Benzene	2.43E-08 30YrCancerDerived	*	2.43E-08 INHALATION
464 ALL	486827.4	3674400.21	0.000463076	71432 Benzene	2.25E-08 30YrCancerDerived	*	2.25E-08 INHALATION
465 ALL	486848.24	3674400.21	0.000452896	71432 Benzene	0.000000022 30YrCancerDerived	*	0.000000022 INHALATION
466 ALL	486869.08	3674400.21	0.000434048	71432 Benzene	2.11E-08 30YrCancerDerived	*	2.11E-08 INHALATION
467 ALL	486889.92	3674400.21	0.000391676	71432 Benzene	0.000000019 30YrCancerDerived	*	0.000000019 INHALATION
468 ALL	486910.76	3674400.21	0.000356286	71432 Benzene	1.73E-08 30YrCancerDerived	*	1.73E-08 INHALATION
469 ALL	486931.6	3674400.21	0.000340872	71432 Benzene	1.65E-08 30YrCancerDerived	*	1.65E-08 INHALATION
470 ALL	486952.44	3674400.21	0.000330412	71432 Benzene	0.000000016 30YrCancerDerived	*	0.000000016 INHALATION
471 ALL	486973.28	3674400.21	0.000323682	71432 Benzene	1.57E-08 30YrCancerDerived	*	1.57E-08 INHALATION
472 ALL	486994.12	3674400.21	0.000321186	71432 Benzene	1.56E-08 30YrCancerDerived	*	1.56E-08 INHALATION
473 ALL	487014.96	3674400.21	0.000318187	71432 Benzene	1.54E-08 30YrCancerDerived	*	1.54E-08 INHALATION
474 ALL	487035.8	3674400.21	0.000320219	71432 Benzene	1.55E-08 30YrCancerDerived	*	1.55E-08 INHALATION
475 ALL	487056.64	3674400.21	0.000327095	71432 Benzene	1.59E-08 30YrCancerDerived	*	1.59E-08 INHALATION
476 ALL	487077.48	3674400.21	0.000336452	71432 Benzene	1.63E-08 30YrCancerDerived	*	1.63E-08 INHALATION
477 ALL	487098.32	3674400.21	0.000348484	71432 Benzene	1.69E-08 30YrCancerDerived	*	1.69E-08 INHALATION
478 ALL	487119.16	3674400.21	0.000362541	71432 Benzene	1.76E-08 30YrCancerDerived	*	1.76E-08 INHALATION
479 ALL	487140	3674400.21	0.000379496	71432 Benzene	1.84E-08 30YrCancerDerived	*	1.84E-08 INHALATION
480 ALL	487160.84	3674400.21	0.000401285	71432 Benzene	1.95E-08 30YrCancerDerived	*	1.95E-08 INHALATION
481 ALL	487181.68	3674400.21	0.000429922	71432 Benzene	2.09E-08 30YrCancerDerived	*	2.09E-08 INHALATION
482 ALL	486619	3674420.09	0.000237832	71432 Benzene	1.15E-08 30YrCancerDerived	*	1.15E-08 INHALATION
483 ALL	486639.84	3674420.09	0.000253921	71432 Benzene	1.23E-08 30YrCancerDerived	*	1.23E-08 INHALATION
484 ALL	486660.68	3674420.09	0.000271555	71432 Benzene	1.32E-08 30YrCancerDerived	*	1.32E-08 INHALATION
485 ALL	486681.52	3674420.09	0.000292287	71432 Benzene	1.42E-08 30YrCancerDerived	*	1.42E-08 INHALATION
486 ALL	486702.36	3674420.09	0.000321954	71432 Benzene	1.56E-08 30YrCancerDerived	*	1.56E-08 INHALATION

487 ALL	486723.2	3674420.09	0.000356544	71432 Benzene	1.73E-08 30YrCancerDerived	*	1.73E-08 INHALATION
488 ALL	486744.04	3674420.09	0.000413039	71432 Benzene	0.00000002 30YrCancerDerived	*	0.00000002 INHALATION
489 ALL	486764.88	3674420.09	0.000499448	71432 Benzene	2.42E-08 30YrCancerDerived	*	2.42E-08 INHALATION
490 ALL	486785.72	3674420.09	0.000535461	71432 Benzene	0.000000026 30YrCancerDerived	*	0.000000026 INHALATION
491 ALL	486806.56	3674420.09	0.000479343	71432 Benzene	2.33E-08 30YrCancerDerived	*	2.33E-08 INHALATION
492 ALL	486827.4	3674420.09	0.000424583	71432 Benzene	2.06E-08 30YrCancerDerived	*	2.06E-08 INHALATION
493 ALL	486848.24	3674420.09	0.000417452	71432 Benzene	2.03E-08 30YrCancerDerived	*	2.03E-08 INHALATION
494 ALL	486869.08	3674420.09	0.000426464	71432 Benzene	2.07E-08 30YrCancerDerived	*	2.07E-08 INHALATION
495 ALL	486889.92	3674420.09	0.000403153	71432 Benzene	1.96E-08 30YrCancerDerived	*	1.96E-08 INHALATION
496 ALL	486910.76	3674420.09	0.000370583	71432 Benzene	0.000000018 30YrCancerDerived	*	0.000000018 INHALATION
497 ALL	486931.6	3674420.09	0.000357334	71432 Benzene	1.73E-08 30YrCancerDerived	*	1.73E-08 INHALATION
498 ALL	486952.44	3674420.09	0.000349832	71432 Benzene	0.000000017 30YrCancerDerived	*	0.000000017 INHALATION
499 ALL	486973.28	3674420.09	0.000342537	71432 Benzene	1.66E-08 30YrCancerDerived	*	1.66E-08 INHALATION
500 ALL	486994.12	3674420.09	0.000332126	71432 Benzene	1.61E-08 30YrCancerDerived	*	1.61E-08 INHALATION
501 ALL	487014.96	3674420.09	0.000331101	71432 Benzene	1.61E-08 30YrCancerDerived	*	1.61E-08 INHALATION
502 ALL	487035.8	3674420.09	0.000331957	71432 Benzene	1.61E-08 30YrCancerDerived	*	1.61E-08 INHALATION
503 ALL	487056.64	3674420.09	0.000338385	71432 Benzene	1.64E-08 30YrCancerDerived	*	1.64E-08 INHALATION
504 ALL	487077.48	3674420.09	0.00034473	71432 Benzene	1.67E-08 30YrCancerDerived	*	1.67E-08 INHALATION
505 ALL	487098.32	3674420.09	0.000356292	71432 Benzene	1.73E-08 30YrCancerDerived	*	1.73E-08 INHALATION
506 ALL	487119.16	3674420.09	0.000372015	71432 Benzene	1.81E-08 30YrCancerDerived	*	1.81E-08 INHALATION
507 ALL	487140	3674420.09	0.000391862	71432 Benzene	0.000000019 30YrCancerDerived	*	0.000000019 INHALATION
508 ALL	487160.84	3674420.09	0.000418964	71432 Benzene	2.03E-08 30YrCancerDerived	*	2.03E-08 INHALATION
509 ALL	487181.68	3674420.09	0.000446935	71432 Benzene	2.17E-08 30YrCancerDerived	*	2.17E-08 INHALATION
510 ALL	486577.32	3674439.97	0.000220826	71432 Benzene	1.07E-08 30YrCancerDerived	*	1.07E-08 INHALATION
511 ALL	486598.16	3674439.97	0.00023017	71432 Benzene	1.12E-08 30YrCancerDerived	*	1.12E-08 INHALATION
512 ALL	486619	3674439.97	0.000243041	71432 Benzene	1.18E-08 30YrCancerDerived	*	1.18E-08 INHALATION
513 ALL	486639.84	3674439.97	0.000261754	71432 Benzene	1.27E-08 30YrCancerDerived	*	1.27E-08 INHALATION
514 ALL	486660.68	3674439.97	0.000282369	71432 Benzene	1.37E-08 30YrCancerDerived	*	1.37E-08 INHALATION
515 ALL	486681.52	3674439.97	0.000311722	71432 Benzene	1.51E-08 30YrCancerDerived	*	1.51E-08 INHALATION
516 ALL	486702.36	3674439.97	0.000333921	71432 Benzene	1.62E-08 30YrCancerDerived	*	1.62E-08 INHALATION
517 ALL	486723.2	3674439.97	0.000373444	71432 Benzene	1.81E-08 30YrCancerDerived	*	1.81E-08 INHALATION
518 ALL	486744.04	3674439.97	0.000428016	71432 Benzene	2.08E-08 30YrCancerDerived	*	2.08E-08 INHALATION
519 ALL	486764.88	3674439.97	0.000488783	71432 Benzene	2.37E-08 30YrCancerDerived	*	2.37E-08 INHALATION
520 ALL	486785.72	3674439.97	0.000512351	71432 Benzene	2.49E-08 30YrCancerDerived	*	2.49E-08 INHALATION
521 ALL	486806.56	3674439.97	0.00046035	71432 Benzene	2.23E-08 30YrCancerDerived	*	2.23E-08 INHALATION

522 ALL	486827.4	3674439.97	0.000401519	71432 Benzene	1.95E-08 30YrCancerDerived	*	1.95E-08 INHALATION
523 ALL	486848.24	3674439.97	0.000377077	71432 Benzene	1.83E-08 30YrCancerDerived	*	1.83E-08 INHALATION
524 ALL	486869.08	3674439.97	0.000383349	71432 Benzene	1.86E-08 30YrCancerDerived	*	1.86E-08 INHALATION
525 ALL	486889.92	3674439.97	0.000393915	71432 Benzene	1.91E-08 30YrCancerDerived	*	1.91E-08 INHALATION
526 ALL	486910.76	3674439.97	0.000379922	71432 Benzene	1.84E-08 30YrCancerDerived	*	1.84E-08 INHALATION
527 ALL	486931.6	3674439.97	0.000369683	71432 Benzene	1.79E-08 30YrCancerDerived	*	1.79E-08 INHALATION
528 ALL	486952.44	3674439.97	0.000364963	71432 Benzene	1.77E-08 30YrCancerDerived	*	1.77E-08 INHALATION
529 ALL	486973.28	3674439.97	0.000357496	71432 Benzene	1.74E-08 30YrCancerDerived	*	1.74E-08 INHALATION
530 ALL	486994.12	3674439.97	0.000346562	71432 Benzene	1.68E-08 30YrCancerDerived	*	1.68E-08 INHALATION
531 ALL	487014.96	3674439.97	0.000342041	71432 Benzene	1.66E-08 30YrCancerDerived	*	1.66E-08 INHALATION
532 ALL	487035.8	3674439.97	0.000343139	71432 Benzene	1.67E-08 30YrCancerDerived	*	1.67E-08 INHALATION
533 ALL	487056.64	3674439.97	0.000345519	71432 Benzene	1.68E-08 30YrCancerDerived	*	1.68E-08 INHALATION
534 ALL	487077.48	3674439.97	0.000351842	71432 Benzene	1.71E-08 30YrCancerDerived	*	1.71E-08 INHALATION
535 ALL	487098.32	3674439.97	0.000363184	71432 Benzene	1.76E-08 30YrCancerDerived	*	1.76E-08 INHALATION
536 ALL	487119.16	3674439.97	0.000379832	71432 Benzene	1.84E-08 30YrCancerDerived	*	1.84E-08 INHALATION
537 ALL	487140	3674439.97	0.000400801	71432 Benzene	1.95E-08 30YrCancerDerived	*	1.95E-08 INHALATION
538 ALL	487160.84	3674439.97	0.000427871	71432 Benzene	2.08E-08 30YrCancerDerived	*	2.08E-08 INHALATION
539 ALL	487181.68	3674439.97	0.000459312	71432 Benzene	2.23E-08 30YrCancerDerived	*	2.23E-08 INHALATION
540 ALL	486556.48	3674459.85	0.000214809	71432 Benzene	1.04E-08 30YrCancerDerived	*	1.04E-08 INHALATION
541 ALL	486577.32	3674459.85	0.000220432	71432 Benzene	1.07E-08 30YrCancerDerived	*	1.07E-08 INHALATION
542 ALL	486598.16	3674459.85	0.000227465	71432 Benzene	0.000000011 30YrCancerDerived	*	0.000000011 INHALATION
543 ALL	486619	3674459.85	0.000237094	71432 Benzene	1.15E-08 30YrCancerDerived	*	1.15E-08 INHALATION
544 ALL	486639.84	3674459.85	0.000255646	71432 Benzene	1.24E-08 30YrCancerDerived	*	1.24E-08 INHALATION
545 ALL	486660.68	3674459.85	0.000278983	71432 Benzene	1.35E-08 30YrCancerDerived	*	1.35E-08 INHALATION
546 ALL	486681.52	3674459.85	0.000299724	71432 Benzene	1.45E-08 30YrCancerDerived	*	1.45E-08 INHALATION
547 ALL	486702.36	3674459.85	0.000319975	71432 Benzene	1.55E-08 30YrCancerDerived	*	1.55E-08 INHALATION
548 ALL	486723.2	3674459.85	0.000350627	71432 Benzene	0.000000017 30YrCancerDerived	*	0.000000017 INHALATION
549 ALL	486744.04	3674459.85	0.000388975	71432 Benzene	1.89E-08 30YrCancerDerived	*	1.89E-08 INHALATION
550 ALL	486764.88	3674459.85	0.000426301	71432 Benzene	2.07E-08 30YrCancerDerived	*	2.07E-08 INHALATION
551 ALL	486785.72	3674459.85	0.000454752	71432 Benzene	2.21E-08 30YrCancerDerived	*	2.21E-08 INHALATION
552 ALL	486806.56	3674459.85	0.000436039	71432 Benzene	2.12E-08 30YrCancerDerived	*	2.12E-08 INHALATION
553 ALL	486827.4	3674459.85	0.000385701	71432 Benzene	1.87E-08 30YrCancerDerived	*	1.87E-08 INHALATION
554 ALL	486848.24	3674459.85	0.000349922	71432 Benzene	0.000000017 30YrCancerDerived	*	0.000000017 INHALATION
555 ALL	486869.08	3674459.85	0.000351178	71432 Benzene	0.000000017 30YrCancerDerived	*	0.000000017 INHALATION
556 ALL	486889.92	3674459.85	0.000364443	71432 Benzene	1.77E-08 30YrCancerDerived	*	1.77E-08 INHALATION

557 ALL	486910.76	3674459.85	0.000360309	71432 Benzene	1.75E-08 30YrCancerDerived	*	1.75E-08 INHALATION
558 ALL	486931.6	3674459.85	0.000358838	71432 Benzene	1.74E-08 30YrCancerDerived	*	1.74E-08 INHALATION
559 ALL	486952.44	3674459.85	0.000366761	71432 Benzene	1.78E-08 30YrCancerDerived	*	1.78E-08 INHALATION
560 ALL	486973.28	3674459.85	0.000364443	71432 Benzene	1.77E-08 30YrCancerDerived	*	1.77E-08 INHALATION
561 ALL	486994.12	3674459.85	0.000355568	71432 Benzene	1.73E-08 30YrCancerDerived	*	1.73E-08 INHALATION
562 ALL	487014.96	3674459.85	0.000346795	71432 Benzene	1.68E-08 30YrCancerDerived	*	1.68E-08 INHALATION
563 ALL	487035.8	3674459.85	0.000346461	71432 Benzene	1.68E-08 30YrCancerDerived	*	1.68E-08 INHALATION
564 ALL	487056.64	3674459.85	0.000352659	71432 Benzene	1.71E-08 30YrCancerDerived	*	1.71E-08 INHALATION
565 ALL	487077.48	3674459.85	0.000360079	71432 Benzene	1.75E-08 30YrCancerDerived	*	1.75E-08 INHALATION
566 ALL	487098.32	3674459.85	0.000370677	71432 Benzene	0.000000018 30YrCancerDerived	*	0.000000018 INHALATION
567 ALL	487119.16	3674459.85	0.000386706	71432 Benzene	1.88E-08 30YrCancerDerived	*	1.88E-08 INHALATION
568 ALL	487140	3674459.85	0.000405942	71432 Benzene	1.97E-08 30YrCancerDerived	*	1.97E-08 INHALATION
569 ALL	487160.84	3674459.85	0.00042822	71432 Benzene	2.08E-08 30YrCancerDerived	*	2.08E-08 INHALATION
570 ALL	487181.68	3674459.85	0.000459923	71432 Benzene	2.23E-08 30YrCancerDerived	*	2.23E-08 INHALATION
571 ALL	486535.64	3674479.73	0.000211614	71432 Benzene	1.03E-08 30YrCancerDerived	*	1.03E-08 INHALATION
572 ALL	486556.48	3674479.73	0.000215725	71432 Benzene	1.05E-08 30YrCancerDerived	*	1.05E-08 INHALATION
573 ALL	486577.32	3674479.73	0.000220572	71432 Benzene	1.07E-08 30YrCancerDerived	*	1.07E-08 INHALATION
574 ALL	486598.16	3674479.73	0.000227471	71432 Benzene	0.000000011 30YrCancerDerived	*	0.000000011 INHALATION
575 ALL	486619	3674479.73	0.00023511	71432 Benzene	1.14E-08 30YrCancerDerived	*	1.14E-08 INHALATION
576 ALL	486639.84	3674479.73	0.000251598	71432 Benzene	1.22E-08 30YrCancerDerived	*	1.22E-08 INHALATION
577 ALL	486660.68	3674479.73	0.00027047	71432 Benzene	1.31E-08 30YrCancerDerived	*	1.31E-08 INHALATION
578 ALL	486681.52	3674479.73	0.000283014	71432 Benzene	1.37E-08 30YrCancerDerived	*	1.37E-08 INHALATION
579 ALL	486702.36	3674479.73	0.000300857	71432 Benzene	1.46E-08 30YrCancerDerived	*	1.46E-08 INHALATION
580 ALL	486723.2	3674479.73	0.000328623	71432 Benzene	1.59E-08 30YrCancerDerived	*	1.59E-08 INHALATION
581 ALL	486744.04	3674479.73	0.000357413	71432 Benzene	1.73E-08 30YrCancerDerived	*	1.73E-08 INHALATION
582 ALL	486764.88	3674479.73	0.000376656	71432 Benzene	1.83E-08 30YrCancerDerived	*	1.83E-08 INHALATION
583 ALL	486785.72	3674479.73	0.000401209	71432 Benzene	1.95E-08 30YrCancerDerived	*	1.95E-08 INHALATION
584 ALL	486806.56	3674479.73	0.000397084	71432 Benzene	1.93E-08 30YrCancerDerived	*	1.93E-08 INHALATION
585 ALL	486827.4	3674479.73	0.000370286	71432 Benzene	0.000000018 30YrCancerDerived	*	0.000000018 INHALATION
586 ALL	486848.24	3674479.73	0.000339377	71432 Benzene	1.65E-08 30YrCancerDerived	*	1.65E-08 INHALATION
587 ALL	486869.08	3674479.73	0.000332431	71432 Benzene	1.61E-08 30YrCancerDerived	*	1.61E-08 INHALATION
588 ALL	486889.92	3674479.73	0.000339968	71432 Benzene	1.65E-08 30YrCancerDerived	*	1.65E-08 INHALATION
589 ALL	486910.76	3674479.73	0.000346459	71432 Benzene	1.68E-08 30YrCancerDerived	*	1.68E-08 INHALATION
590 ALL	486931.6	3674479.73	0.000350942	71432 Benzene	0.000000017 30YrCancerDerived	*	0.000000017 INHALATION
591 ALL	486952.44	3674479.73	0.000359309	71432 Benzene	1.74E-08 30YrCancerDerived	*	1.74E-08 INHALATION

592 ALL	486973.28	3674479.73	0.000362839	71432 Benzene	1.76E-08 30YrCancerDerived	*	1.76E-08 INHALATION
593 ALL	486994.12	3674479.73	0.000357047	71432 Benzene	1.73E-08 30YrCancerDerived	*	1.73E-08 INHALATION
594 ALL	487014.96	3674479.73	0.000352436	71432 Benzene	1.71E-08 30YrCancerDerived	*	1.71E-08 INHALATION
595 ALL	487035.8	3674479.73	0.00035436	71432 Benzene	1.72E-08 30YrCancerDerived	*	1.72E-08 INHALATION
596 ALL	487056.64	3674479.73	0.000361932	71432 Benzene	1.76E-08 30YrCancerDerived	*	1.76E-08 INHALATION
597 ALL	487077.48	3674479.73	0.000371039	71432 Benzene	0.000000018 30YrCancerDerived	*	0.000000018 INHALATION
598 ALL	487098.32	3674479.73	0.000382167	71432 Benzene	1.85E-08 30YrCancerDerived	*	1.85E-08 INHALATION
599 ALL	487119.16	3674479.73	0.000397073	71432 Benzene	1.93E-08 30YrCancerDerived	*	1.93E-08 INHALATION
600 ALL	487140	3674479.73	0.000413826	71432 Benzene	2.01E-08 30YrCancerDerived	*	2.01E-08 INHALATION
601 ALL	487160.84	3674479.73	0.000436456	71432 Benzene	2.12E-08 30YrCancerDerived	*	2.12E-08 INHALATION
602 ALL	486514.8	3674499.61	0.0002097	71432 Benzene	1.02E-08 30YrCancerDerived	*	1.02E-08 INHALATION
603 ALL	486535.64	3674499.61	0.000214833	71432 Benzene	1.04E-08 30YrCancerDerived	*	1.04E-08 INHALATION
604 ALL	486556.48	3674499.61	0.000218958	71432 Benzene	1.06E-08 30YrCancerDerived	*	1.06E-08 INHALATION
605 ALL	486577.32	3674499.61	0.000224548	71432 Benzene	1.09E-08 30YrCancerDerived	*	1.09E-08 INHALATION
606 ALL	486598.16	3674499.61	0.000231931	71432 Benzene	1.13E-08 30YrCancerDerived	*	1.13E-08 INHALATION
607 ALL	486619	3674499.61	0.00024059	71432 Benzene	1.17E-08 30YrCancerDerived	*	1.17E-08 INHALATION
608 ALL	486639.84	3674499.61	0.000252012	71432 Benzene	1.22E-08 30YrCancerDerived	*	1.22E-08 INHALATION
609 ALL	486660.68	3674499.61	0.000264433	71432 Benzene	1.28E-08 30YrCancerDerived	*	1.28E-08 INHALATION
610 ALL	486681.52	3674499.61	0.000270039	71432 Benzene	1.31E-08 30YrCancerDerived	*	1.31E-08 INHALATION
611 ALL	486702.36	3674499.61	0.000285321	71432 Benzene	1.38E-08 30YrCancerDerived	*	1.38E-08 INHALATION
612 ALL	486723.2	3674499.61	0.00031059	71432 Benzene	1.51E-08 30YrCancerDerived	*	1.51E-08 INHALATION
613 ALL	486744.04	3674499.61	0.000321484	71432 Benzene	1.56E-08 30YrCancerDerived	*	1.56E-08 INHALATION
614 ALL	486764.88	3674499.61	0.000336048	71432 Benzene	1.63E-08 30YrCancerDerived	*	1.63E-08 INHALATION
615 ALL	486785.72	3674499.61	0.000363637	71432 Benzene	1.76E-08 30YrCancerDerived	*	1.76E-08 INHALATION
616 ALL	486806.56	3674499.61	0.000350574	71432 Benzene	0.000000017 30YrCancerDerived	*	0.000000017 INHALATION
617 ALL	486827.4	3674499.61	0.000336598	71432 Benzene	1.63E-08 30YrCancerDerived	*	1.63E-08 INHALATION
618 ALL	486848.24	3674499.61	0.000326977	71432 Benzene	1.59E-08 30YrCancerDerived	*	1.59E-08 INHALATION
619 ALL	486869.08	3674499.61	0.000322009	71432 Benzene	1.56E-08 30YrCancerDerived	*	1.56E-08 INHALATION
620 ALL	486889.92	3674499.61	0.000326985	71432 Benzene	1.59E-08 30YrCancerDerived	*	1.59E-08 INHALATION
621 ALL	486910.76	3674499.61	0.000338175	71432 Benzene	1.64E-08 30YrCancerDerived	*	1.64E-08 INHALATION
622 ALL	486931.6	3674499.61	0.000344082	71432 Benzene	1.67E-08 30YrCancerDerived	*	1.67E-08 INHALATION
623 ALL	486952.44	3674499.61	0.000350714	71432 Benzene	0.000000017 30YrCancerDerived	*	0.000000017 INHALATION
624 ALL	486973.28	3674499.61	0.000359388	71432 Benzene	1.74E-08 30YrCancerDerived	*	1.74E-08 INHALATION
625 ALL	486994.12	3674499.61	0.000362473	71432 Benzene	1.76E-08 30YrCancerDerived	*	1.76E-08 INHALATION
626 ALL	487014.96	3674499.61	0.000360542	71432 Benzene	1.75E-08 30YrCancerDerived	*	1.75E-08 INHALATION

627 ALL	487035.8	3674499.61	0.000363158	71432 Benzene	1.76E-08 30YrCancerDerived	*	1.76E-08 INHALATION
628 ALL	487056.64	3674499.61	0.000372307	71432 Benzene	1.81E-08 30YrCancerDerived	*	1.81E-08 INHALATION
629 ALL	487077.48	3674499.61	0.0003836	71432 Benzene	1.86E-08 30YrCancerDerived	*	1.86E-08 INHALATION
630 ALL	487098.32	3674499.61	0.000396215	71432 Benzene	1.92E-08 30YrCancerDerived	*	1.92E-08 INHALATION
631 ALL	487119.16	3674499.61	0.000410508	71432 Benzene	1.99E-08 30YrCancerDerived	*	1.99E-08 INHALATION
632 ALL	487140	3674499.61	0.000428336	71432 Benzene	2.08E-08 30YrCancerDerived	*	2.08E-08 INHALATION
633 ALL	487160.84	3674499.61	0.000453096	71432 Benzene	0.000000022 30YrCancerDerived	*	0.000000022 INHALATION
634 ALL	486514.8	3674519.49	0.000213817	71432 Benzene	1.04E-08 30YrCancerDerived	*	1.04E-08 INHALATION
635 ALL	486535.64	3674519.49	0.00022154	71432 Benzene	1.08E-08 30YrCancerDerived	*	1.08E-08 INHALATION
636 ALL	486556.48	3674519.49	0.000226376	71432 Benzene	0.000000011 30YrCancerDerived	*	0.000000011 INHALATION
637 ALL	486577.32	3674519.49	0.000230653	71432 Benzene	1.12E-08 30YrCancerDerived	*	1.12E-08 INHALATION
638 ALL	486598.16	3674519.49	0.000236337	71432 Benzene	1.15E-08 30YrCancerDerived	*	1.15E-08 INHALATION
639 ALL	486619	3674519.49	0.000245448	71432 Benzene	1.19E-08 30YrCancerDerived	*	1.19E-08 INHALATION
640 ALL	486639.84	3674519.49	0.000253399	71432 Benzene	1.23E-08 30YrCancerDerived	*	1.23E-08 INHALATION
641 ALL	486660.68	3674519.49	0.000261726	71432 Benzene	1.27E-08 30YrCancerDerived	*	1.27E-08 INHALATION
642 ALL	486681.52	3674519.49	0.000268438	71432 Benzene	0.000000013 30YrCancerDerived	*	0.000000013 INHALATION
643 ALL	486702.36	3674519.49	0.000278141	71432 Benzene	1.35E-08 30YrCancerDerived	*	1.35E-08 INHALATION
644 ALL	486723.2	3674519.49	0.000295749	71432 Benzene	1.44E-08 30YrCancerDerived	*	1.44E-08 INHALATION
645 ALL	486744.04	3674519.49	0.00029962	71432 Benzene	1.45E-08 30YrCancerDerived	*	1.45E-08 INHALATION
646 ALL	486764.88	3674519.49	0.000312406	71432 Benzene	1.52E-08 30YrCancerDerived	*	1.52E-08 INHALATION
647 ALL	486785.72	3674519.49	0.000336803	71432 Benzene	1.63E-08 30YrCancerDerived	*	1.63E-08 INHALATION
648 ALL	486806.56	3674519.49	0.00032897	71432 Benzene	0.000000016 30YrCancerDerived	*	0.000000016 INHALATION
649 ALL	486827.4	3674519.49	0.000311944	71432 Benzene	1.51E-08 30YrCancerDerived	*	1.51E-08 INHALATION
650 ALL	486848.24	3674519.49	0.000307763	71432 Benzene	1.49E-08 30YrCancerDerived	*	1.49E-08 INHALATION
651 ALL	486869.08	3674519.49	0.000309346	71432 Benzene	0.000000015 30YrCancerDerived	*	0.000000015 INHALATION
652 ALL	486889.92	3674519.49	0.000318203	71432 Benzene	1.54E-08 30YrCancerDerived	*	1.54E-08 INHALATION
653 ALL	486910.76	3674519.49	0.000331904	71432 Benzene	1.61E-08 30YrCancerDerived	*	1.61E-08 INHALATION
654 ALL	486931.6	3674519.49	0.000336895	71432 Benzene	1.64E-08 30YrCancerDerived	*	1.64E-08 INHALATION
655 ALL	486952.44	3674519.49	0.000342029	71432 Benzene	1.66E-08 30YrCancerDerived	*	1.66E-08 INHALATION
656 ALL	486973.28	3674519.49	0.000351146	71432 Benzene	0.000000017 30YrCancerDerived	*	0.000000017 INHALATION
657 ALL	486994.12	3674519.49	0.000359348	71432 Benzene	1.74E-08 30YrCancerDerived	*	1.74E-08 INHALATION
658 ALL	487014.96	3674519.49	0.000363834	71432 Benzene	1.77E-08 30YrCancerDerived	*	1.77E-08 INHALATION
659 ALL	487035.8	3674519.49	0.000370234	71432 Benzene	0.000000018 30YrCancerDerived	*	0.000000018 INHALATION
660 ALL	487056.64	3674519.49	0.000385401	71432 Benzene	1.87E-08 30YrCancerDerived	*	1.87E-08 INHALATION
661 ALL	486493.96	3674539.37	0.000215039	71432 Benzene	1.04E-08 30YrCancerDerived	*	1.04E-08 INHALATION

662 ALL	486514.8	3674539.37	0.000219802	71432 Benzene	1.07E-08 30YrCancerDerived	*	1.07E-08 INHALATION
663 ALL	486535.64	3674539.37	0.000225842	71432 Benzene	0.000000011 30YrCancerDerived	*	0.000000011 INHALATION
664 ALL	486556.48	3674539.37	0.000230005	71432 Benzene	1.12E-08 30YrCancerDerived	*	1.12E-08 INHALATION
665 ALL	486577.32	3674539.37	0.000234458	71432 Benzene	1.14E-08 30YrCancerDerived	*	1.14E-08 INHALATION
666 ALL	486598.16	3674539.37	0.000239003	71432 Benzene	1.16E-08 30YrCancerDerived	*	1.16E-08 INHALATION
667 ALL	486619	3674539.37	0.000246427	71432 Benzene	0.000000012 30YrCancerDerived	*	0.000000012 INHALATION
668 ALL	486639.84	3674539.37	0.000254271	71432 Benzene	1.23E-08 30YrCancerDerived	*	1.23E-08 INHALATION
669 ALL	486660.68	3674539.37	0.00026256	71432 Benzene	1.27E-08 30YrCancerDerived	*	1.27E-08 INHALATION
670 ALL	486681.52	3674539.37	0.000270334	71432 Benzene	1.31E-08 30YrCancerDerived	*	1.31E-08 INHALATION
671 ALL	486702.36	3674539.37	0.00027942	71432 Benzene	1.36E-08 30YrCancerDerived	*	1.36E-08 INHALATION
672 ALL	486723.2	3674539.37	0.0002873	71432 Benzene	1.39E-08 30YrCancerDerived	*	1.39E-08 INHALATION
673 ALL	486744.04	3674539.37	0.000286725	71432 Benzene	1.39E-08 30YrCancerDerived	*	1.39E-08 INHALATION
674 ALL	486764.88	3674539.37	0.000295332	71432 Benzene	1.43E-08 30YrCancerDerived	*	1.43E-08 INHALATION
675 ALL	486785.72	3674539.37	0.000318221	71432 Benzene	1.54E-08 30YrCancerDerived	*	1.54E-08 INHALATION
676 ALL	486806.56	3674539.37	0.000318041	71432 Benzene	1.54E-08 30YrCancerDerived	*	1.54E-08 INHALATION
677 ALL	486827.4	3674539.37	0.000304308	71432 Benzene	1.48E-08 30YrCancerDerived	*	1.48E-08 INHALATION
678 ALL	486848.24	3674539.37	0.000300166	71432 Benzene	1.46E-08 30YrCancerDerived	*	1.46E-08 INHALATION
679 ALL	486869.08	3674539.37	0.000303515	71432 Benzene	1.47E-08 30YrCancerDerived	*	1.47E-08 INHALATION
680 ALL	486889.92	3674539.37	0.000315336	71432 Benzene	1.53E-08 30YrCancerDerived	*	1.53E-08 INHALATION
681 ALL	486910.76	3674539.37	0.000328577	71432 Benzene	1.59E-08 30YrCancerDerived	*	1.59E-08 INHALATION
682 ALL	486931.6	3674539.37	0.00033652	71432 Benzene	1.63E-08 30YrCancerDerived	*	1.63E-08 INHALATION
683 ALL	486493.96	3674559.25	0.00021283	71432 Benzene	1.03E-08 30YrCancerDerived	*	1.03E-08 INHALATION
684 ALL	486514.8	3674559.25	0.000218418	71432 Benzene	1.06E-08 30YrCancerDerived	*	1.06E-08 INHALATION
685 ALL	486535.64	3674559.25	0.000226851	71432 Benzene	0.000000011 30YrCancerDerived	*	0.000000011 INHALATION
686 ALL	486556.48	3674559.25	0.000230848	71432 Benzene	1.12E-08 30YrCancerDerived	*	1.12E-08 INHALATION
687 ALL	486577.32	3674559.25	0.000232924	71432 Benzene	1.13E-08 30YrCancerDerived	*	1.13E-08 INHALATION
688 ALL	486598.16	3674559.25	0.00023848	71432 Benzene	1.16E-08 30YrCancerDerived	*	1.16E-08 INHALATION
689 ALL	486619	3674559.25	0.000247057	71432 Benzene	0.000000012 30YrCancerDerived	*	0.000000012 INHALATION
690 ALL	486639.84	3674559.25	0.000254657	71432 Benzene	1.24E-08 30YrCancerDerived	*	1.24E-08 INHALATION
691 ALL	486660.68	3674559.25	0.000264102	71432 Benzene	1.28E-08 30YrCancerDerived	*	1.28E-08 INHALATION
692 ALL	486681.52	3674559.25	0.000274241	71432 Benzene	1.33E-08 30YrCancerDerived	*	1.33E-08 INHALATION
693 ALL	486702.36	3674559.25	0.000281571	71432 Benzene	1.37E-08 30YrCancerDerived	*	1.37E-08 INHALATION
694 ALL	486723.2	3674559.25	0.000285686	71432 Benzene	1.39E-08 30YrCancerDerived	*	1.39E-08 INHALATION
695 ALL	486744.04	3674559.25	0.0002865	71432 Benzene	1.39E-08 30YrCancerDerived	*	1.39E-08 INHALATION
696 ALL	486764.88	3674559.25	0.000293899	71432 Benzene	1.43E-08 30YrCancerDerived	*	1.43E-08 INHALATION

697 ALL	486785.72	3674559.25	0.000310416	71432 Benzene	1.51E-08 30YrCancerDerived	*	1.51E-08 INHALATION
698 ALL	486806.56	3674559.25	0.000312296	71432 Benzene	1.52E-08 30YrCancerDerived	*	1.52E-08 INHALATION
699 ALL	486827.4	3674559.25	0.000306394	71432 Benzene	1.49E-08 30YrCancerDerived	*	1.49E-08 INHALATION
700 ALL	486848.24	3674559.25	0.000303774	71432 Benzene	1.47E-08 30YrCancerDerived	*	1.47E-08 INHALATION
701 ALL	486869.08	3674559.25	0.000306873	71432 Benzene	1.49E-08 30YrCancerDerived	*	1.49E-08 INHALATION
702 ALL	486889.92	3674559.25	0.000317214	71432 Benzene	1.54E-08 30YrCancerDerived	*	1.54E-08 INHALATION
703 ALL	486910.76	3674559.25	0.000335099	71432 Benzene	1.63E-08 30YrCancerDerived	*	1.63E-08 INHALATION
704 ALL	486493.96	3674579.13	0.00021398	71432 Benzene	1.04E-08 30YrCancerDerived	*	1.04E-08 INHALATION
705 ALL	486514.8	3674579.13	0.000216756	71432 Benzene	1.05E-08 30YrCancerDerived	*	1.05E-08 INHALATION
706 ALL	486535.64	3674579.13	0.000225382	71432 Benzene	1.09E-08 30YrCancerDerived	*	1.09E-08 INHALATION
707 ALL	486556.48	3674579.13	0.00023048	71432 Benzene	1.12E-08 30YrCancerDerived	*	1.12E-08 INHALATION
708 ALL	486577.32	3674579.13	0.000234344	71432 Benzene	1.14E-08 30YrCancerDerived	*	1.14E-08 INHALATION
709 ALL	486598.16	3674579.13	0.000239993	71432 Benzene	1.16E-08 30YrCancerDerived	*	1.16E-08 INHALATION
710 ALL	486619	3674579.13	0.000248436	71432 Benzene	1.21E-08 30YrCancerDerived	*	1.21E-08 INHALATION
711 ALL	486639.84	3674579.13	0.000255699	71432 Benzene	1.24E-08 30YrCancerDerived	*	1.24E-08 INHALATION
712 ALL	486660.68	3674579.13	0.000264371	71432 Benzene	1.28E-08 30YrCancerDerived	*	1.28E-08 INHALATION
713 ALL	486681.52	3674579.13	0.000273122	71432 Benzene	1.33E-08 30YrCancerDerived	*	1.33E-08 INHALATION
714 ALL	486702.36	3674579.13	0.000277972	71432 Benzene	1.35E-08 30YrCancerDerived	*	1.35E-08 INHALATION
715 ALL	486723.2	3674579.13	0.000283449	71432 Benzene	1.38E-08 30YrCancerDerived	*	1.38E-08 INHALATION
716 ALL	486744.04	3674579.13	0.000289258	71432 Benzene	0.000000014 30YrCancerDerived	*	0.000000014 INHALATION
717 ALL	486764.88	3674579.13	0.000298255	71432 Benzene	1.45E-08 30YrCancerDerived	*	1.45E-08 INHALATION
718 ALL	486785.72	3674579.13	0.000307748	71432 Benzene	1.49E-08 30YrCancerDerived	*	1.49E-08 INHALATION
719 ALL	486806.56	3674579.13	0.000312699	71432 Benzene	1.52E-08 30YrCancerDerived	*	1.52E-08 INHALATION
720 ALL	486827.4	3674579.13	0.000311648	71432 Benzene	1.51E-08 30YrCancerDerived	*	1.51E-08 INHALATION
721 ALL	486848.24	3674579.13	0.000311292	71432 Benzene	1.51E-08 30YrCancerDerived	*	1.51E-08 INHALATION
722 ALL	486869.08	3674579.13	0.000314104	71432 Benzene	1.52E-08 30YrCancerDerived	*	1.52E-08 INHALATION
723 ALL	486889.92	3674579.13	0.000326199	71432 Benzene	1.58E-08 30YrCancerDerived	*	1.58E-08 INHALATION
724 ALL	486473.12	3674599.01	0.000223315	71432 Benzene	1.08E-08 30YrCancerDerived	*	1.08E-08 INHALATION
725 ALL	486493.96	3674599.01	0.000216771	71432 Benzene	1.05E-08 30YrCancerDerived	*	1.05E-08 INHALATION
726 ALL	486514.8	3674599.01	0.000218391	71432 Benzene	1.06E-08 30YrCancerDerived	*	1.06E-08 INHALATION
727 ALL	486535.64	3674599.01	0.000224343	71432 Benzene	1.09E-08 30YrCancerDerived	*	1.09E-08 INHALATION
728 ALL	486556.48	3674599.01	0.000230882	71432 Benzene	1.12E-08 30YrCancerDerived	*	1.12E-08 INHALATION
729 ALL	486577.32	3674599.01	0.000237085	71432 Benzene	1.15E-08 30YrCancerDerived	*	1.15E-08 INHALATION
730 ALL	486598.16	3674599.01	0.000243859	71432 Benzene	1.18E-08 30YrCancerDerived	*	1.18E-08 INHALATION
731 ALL	486619	3674599.01	0.000250425	71432 Benzene	1.22E-08 30YrCancerDerived	*	1.22E-08 INHALATION

732 ALL	486639.84	3674599.01	0.000257715	71432 Benzene	1.25E-08 30YrCancerDerived	*	1.25E-08 INHALATION
733 ALL	486660.68	3674599.01	0.000263908	71432 Benzene	1.28E-08 30YrCancerDerived	*	1.28E-08 INHALATION
734 ALL	486681.52	3674599.01	0.000268844	71432 Benzene	0.000000013 30YrCancerDerived	*	0.000000013 INHALATION
735 ALL	486702.36	3674599.01	0.000273302	71432 Benzene	1.33E-08 30YrCancerDerived	*	1.33E-08 INHALATION
736 ALL	486723.2	3674599.01	0.000279001	71432 Benzene	1.35E-08 30YrCancerDerived	*	1.35E-08 INHALATION
737 ALL	486744.04	3674599.01	0.00029133	71432 Benzene	1.41E-08 30YrCancerDerived	*	1.41E-08 INHALATION
738 ALL	486764.88	3674599.01	0.000303746	71432 Benzene	1.47E-08 30YrCancerDerived	*	1.47E-08 INHALATION
739 ALL	486785.72	3674599.01	0.000314023	71432 Benzene	1.52E-08 30YrCancerDerived	*	1.52E-08 INHALATION
740 ALL	486806.56	3674599.01	0.000319512	71432 Benzene	1.55E-08 30YrCancerDerived	*	1.55E-08 INHALATION
741 ALL	486827.4	3674599.01	0.000320126	71432 Benzene	1.55E-08 30YrCancerDerived	*	1.55E-08 INHALATION
742 ALL	486848.24	3674599.01	0.000321805	71432 Benzene	1.56E-08 30YrCancerDerived	*	1.56E-08 INHALATION
743 ALL	486869.08	3674599.01	0.000326983	71432 Benzene	1.59E-08 30YrCancerDerived	*	1.59E-08 INHALATION
744 ALL	486473.12	3674618.89	0.000222404	71432 Benzene	1.08E-08 30YrCancerDerived	*	1.08E-08 INHALATION
745 ALL	486493.96	3674618.89	0.000217904	71432 Benzene	1.06E-08 30YrCancerDerived	*	1.06E-08 INHALATION
746 ALL	486514.8	3674618.89	0.000219458	71432 Benzene	1.07E-08 30YrCancerDerived	*	1.07E-08 INHALATION
747 ALL	486535.64	3674618.89	0.000225616	71432 Benzene	1.09E-08 30YrCancerDerived	*	1.09E-08 INHALATION
748 ALL	486556.48	3674618.89	0.000232917	71432 Benzene	1.13E-08 30YrCancerDerived	*	1.13E-08 INHALATION
749 ALL	486577.32	3674618.89	0.000239027	71432 Benzene	1.16E-08 30YrCancerDerived	*	1.16E-08 INHALATION
750 ALL	486598.16	3674618.89	0.000245548	71432 Benzene	1.19E-08 30YrCancerDerived	*	1.19E-08 INHALATION
751 ALL	486619	3674618.89	0.000252214	71432 Benzene	1.22E-08 30YrCancerDerived	*	1.22E-08 INHALATION
752 ALL	486639.84	3674618.89	0.000257359	71432 Benzene	1.25E-08 30YrCancerDerived	*	1.25E-08 INHALATION
753 ALL	486660.68	3674618.89	0.000261742	71432 Benzene	1.27E-08 30YrCancerDerived	*	1.27E-08 INHALATION
754 ALL	486681.52	3674618.89	0.000264763	71432 Benzene	1.28E-08 30YrCancerDerived	*	1.28E-08 INHALATION
755 ALL	486702.36	3674618.89	0.000267219	71432 Benzene	0.000000013 30YrCancerDerived	*	0.000000013 INHALATION
756 ALL	486723.2	3674618.89	0.000272719	71432 Benzene	1.32E-08 30YrCancerDerived	*	1.32E-08 INHALATION
757 ALL	486744.04	3674618.89	0.000284269	71432 Benzene	1.38E-08 30YrCancerDerived	*	1.38E-08 INHALATION
758 ALL	486764.88	3674618.89	0.000302266	71432 Benzene	1.47E-08 30YrCancerDerived	*	1.47E-08 INHALATION
759 ALL	486785.72	3674618.89	0.000321455	71432 Benzene	1.56E-08 30YrCancerDerived	*	1.56E-08 INHALATION
760 ALL	486806.56	3674618.89	0.000332058	71432 Benzene	1.61E-08 30YrCancerDerived	*	1.61E-08 INHALATION
761 ALL	486452.28	3674638.77	0.000226341	71432 Benzene	0.000000011 30YrCancerDerived	*	0.000000011 INHALATION
762 ALL	486473.12	3674638.77	0.000219487	71432 Benzene	1.07E-08 30YrCancerDerived	*	1.07E-08 INHALATION
763 ALL	486493.96	3674638.77	0.000217566	71432 Benzene	1.06E-08 30YrCancerDerived	*	1.06E-08 INHALATION
764 ALL	486514.8	3674638.77	0.000221067	71432 Benzene	1.07E-08 30YrCancerDerived	*	1.07E-08 INHALATION
765 ALL	486535.64	3674638.77	0.000226736	71432 Benzene	0.000000011 30YrCancerDerived	*	0.000000011 INHALATION
766 ALL	486556.48	3674638.77	0.000233844	71432 Benzene	1.13E-08 30YrCancerDerived	*	1.13E-08 INHALATION

767 ALL	486577.32	3674638.77	0.000240223	71432 Benzene	1.17E-08 30YrCancerDerived	*	1.17E-08 INHALATION
768 ALL	486598.16	3674638.77	0.000245724	71432 Benzene	1.19E-08 30YrCancerDerived	*	1.19E-08 INHALATION
769 ALL	486619	3674638.77	0.000250054	71432 Benzene	1.21E-08 30YrCancerDerived	*	1.21E-08 INHALATION
770 ALL	486639.84	3674638.77	0.00025355	71432 Benzene	1.23E-08 30YrCancerDerived	*	1.23E-08 INHALATION
771 ALL	486660.68	3674638.77	0.000258176	71432 Benzene	1.25E-08 30YrCancerDerived	*	1.25E-08 INHALATION
772 ALL	486681.52	3674638.77	0.000261593	71432 Benzene	1.27E-08 30YrCancerDerived	*	1.27E-08 INHALATION
773 ALL	486702.36	3674638.77	0.000262306	71432 Benzene	1.27E-08 30YrCancerDerived	*	1.27E-08 INHALATION
774 ALL	486723.2	3674638.77	0.000266704	71432 Benzene	1.29E-08 30YrCancerDerived	*	1.29E-08 INHALATION
775 ALL	486744.04	3674638.77	0.000278434	71432 Benzene	1.35E-08 30YrCancerDerived	*	1.35E-08 INHALATION
776 ALL	486764.88	3674638.77	0.00029559	71432 Benzene	1.43E-08 30YrCancerDerived	*	1.43E-08 INHALATION
777 ALL	486785.72	3674638.77	0.000322202	71432 Benzene	1.56E-08 30YrCancerDerived	*	1.56E-08 INHALATION
778 ALL	486452.28	3674658.65	0.00021938	71432 Benzene	1.06E-08 30YrCancerDerived	*	1.06E-08 INHALATION
779 ALL	486473.12	3674658.65	0.00021574	71432 Benzene	1.05E-08 30YrCancerDerived	*	1.05E-08 INHALATION
780 ALL	486493.96	3674658.65	0.000216726	71432 Benzene	1.05E-08 30YrCancerDerived	*	1.05E-08 INHALATION
781 ALL	486514.8	3674658.65	0.000221567	71432 Benzene	1.08E-08 30YrCancerDerived	*	1.08E-08 INHALATION
782 ALL	486535.64	3674658.65	0.000226562	71432 Benzene	0.000000011 30YrCancerDerived	*	0.000000011 INHALATION
783 ALL	486556.48	3674658.65	0.000234065	71432 Benzene	1.14E-08 30YrCancerDerived	*	1.14E-08 INHALATION
784 ALL	486577.32	3674658.65	0.000240383	71432 Benzene	1.17E-08 30YrCancerDerived	*	1.17E-08 INHALATION
785 ALL	486598.16	3674658.65	0.000245754	71432 Benzene	1.19E-08 30YrCancerDerived	*	1.19E-08 INHALATION
786 ALL	486619	3674658.65	0.000246551	71432 Benzene	0.000000012 30YrCancerDerived	*	0.000000012 INHALATION
787 ALL	486639.84	3674658.65	0.000248169	71432 Benzene	0.000000012 30YrCancerDerived	*	0.000000012 INHALATION
788 ALL	486660.68	3674658.65	0.000254311	71432 Benzene	1.23E-08 30YrCancerDerived	*	1.23E-08 INHALATION
789 ALL	486681.52	3674658.65	0.000259905	71432 Benzene	1.26E-08 30YrCancerDerived	*	1.26E-08 INHALATION
790 ALL	486702.36	3674658.65	0.000259937	71432 Benzene	1.26E-08 30YrCancerDerived	*	1.26E-08 INHALATION
791 ALL	486723.2	3674658.65	0.0002644	71432 Benzene	1.28E-08 30YrCancerDerived	*	1.28E-08 INHALATION
792 ALL	486744.04	3674658.65	0.000277408	71432 Benzene	1.35E-08 30YrCancerDerived	*	1.35E-08 INHALATION
793 ALL	486764.88	3674658.65	0.000298087	71432 Benzene	1.45E-08 30YrCancerDerived	*	1.45E-08 INHALATION
794 ALL	486452.28	3674678.53	0.000213584	71432 Benzene	1.04E-08 30YrCancerDerived	*	1.04E-08 INHALATION
795 ALL	486473.12	3674678.53	0.000213642	71432 Benzene	1.04E-08 30YrCancerDerived	*	1.04E-08 INHALATION
796 ALL	486493.96	3674678.53	0.000216795	71432 Benzene	1.05E-08 30YrCancerDerived	*	1.05E-08 INHALATION
797 ALL	486514.8	3674678.53	0.000221778	71432 Benzene	1.08E-08 30YrCancerDerived	*	1.08E-08 INHALATION
798 ALL	486535.64	3674678.53	0.000226706	71432 Benzene	0.000000011 30YrCancerDerived	*	0.000000011 INHALATION
799 ALL	486556.48	3674678.53	0.000232651	71432 Benzene	1.13E-08 30YrCancerDerived	*	1.13E-08 INHALATION
800 ALL	486577.32	3674678.53	0.000239131	71432 Benzene	1.16E-08 30YrCancerDerived	*	1.16E-08 INHALATION
801 ALL	486598.16	3674678.53	0.000242878	71432 Benzene	1.18E-08 30YrCancerDerived	*	1.18E-08 INHALATION

802 ALL	486619	3674678.53	0.000242409	71432 Benzene	1.18E-08 30YrCancerDerived	*	1.18E-08 INHALATION
803 ALL	486639.84	3674678.53	0.000246201	71432 Benzene	1.19E-08 30YrCancerDerived	*	1.19E-08 INHALATION
804 ALL	486660.68	3674678.53	0.000253283	71432 Benzene	1.23E-08 30YrCancerDerived	*	1.23E-08 INHALATION
805 ALL	486681.52	3674678.53	0.000260854	71432 Benzene	1.27E-08 30YrCancerDerived	*	1.27E-08 INHALATION
806 ALL	486702.36	3674678.53	0.000266045	71432 Benzene	1.29E-08 30YrCancerDerived	*	1.29E-08 INHALATION
807 ALL	486723.2	3674678.53	0.000272129	71432 Benzene	1.32E-08 30YrCancerDerived	*	1.32E-08 INHALATION
808 ALL	486744.04	3674678.53	0.000284001	71432 Benzene	1.38E-08 30YrCancerDerived	*	1.38E-08 INHALATION
809 ALL	486764.88	3674678.53	0.000310519	71432 Benzene	1.51E-08 30YrCancerDerived	*	1.51E-08 INHALATION
810 ALL	486431.44	3674698.41	0.000211035	71432 Benzene	1.02E-08 30YrCancerDerived	*	1.02E-08 INHALATION
811 ALL	486452.28	3674698.41	0.000211103	71432 Benzene	1.02E-08 30YrCancerDerived	*	1.02E-08 INHALATION
812 ALL	486473.12	3674698.41	0.00021319	71432 Benzene	1.03E-08 30YrCancerDerived	*	1.03E-08 INHALATION
813 ALL	486493.96	3674698.41	0.000217602	71432 Benzene	1.06E-08 30YrCancerDerived	*	1.06E-08 INHALATION
814 ALL	486514.8	3674698.41	0.000221798	71432 Benzene	1.08E-08 30YrCancerDerived	*	1.08E-08 INHALATION
815 ALL	486535.64	3674698.41	0.000226918	71432 Benzene	0.000000011 30YrCancerDerived	*	0.000000011 INHALATION
816 ALL	486556.48	3674698.41	0.000231922	71432 Benzene	1.13E-08 30YrCancerDerived	*	1.13E-08 INHALATION
817 ALL	486577.32	3674698.41	0.000237434	71432 Benzene	1.15E-08 30YrCancerDerived	*	1.15E-08 INHALATION
818 ALL	486598.16	3674698.41	0.00024083	71432 Benzene	1.17E-08 30YrCancerDerived	*	1.17E-08 INHALATION
819 ALL	486619	3674698.41	0.000242125	71432 Benzene	1.18E-08 30YrCancerDerived	*	1.18E-08 INHALATION
820 ALL	486639.84	3674698.41	0.000249825	71432 Benzene	1.21E-08 30YrCancerDerived	*	1.21E-08 INHALATION
821 ALL	486660.68	3674698.41	0.000263015	71432 Benzene	1.28E-08 30YrCancerDerived	*	1.28E-08 INHALATION
822 ALL	486431.44	3674718.29	0.000210074	71432 Benzene	1.02E-08 30YrCancerDerived	*	1.02E-08 INHALATION
823 ALL	486452.28	3674718.29	0.000210681	71432 Benzene	1.02E-08 30YrCancerDerived	*	1.02E-08 INHALATION
824 ALL	486473.12	3674718.29	0.000214577	71432 Benzene	1.04E-08 30YrCancerDerived	*	1.04E-08 INHALATION
825 ALL	486493.96	3674718.29	0.000219794	71432 Benzene	1.07E-08 30YrCancerDerived	*	1.07E-08 INHALATION
826 ALL	486514.8	3674718.29	0.000224465	71432 Benzene	1.09E-08 30YrCancerDerived	*	1.09E-08 INHALATION
827 ALL	486535.64	3674718.29	0.000228576	71432 Benzene	1.11E-08 30YrCancerDerived	*	1.11E-08 INHALATION
828 ALL	486556.48	3674718.29	0.000234106	71432 Benzene	1.14E-08 30YrCancerDerived	*	1.14E-08 INHALATION
829 ALL	486577.32	3674718.29	0.000238421	71432 Benzene	1.16E-08 30YrCancerDerived	*	1.16E-08 INHALATION
830 ALL	486598.16	3674718.29	0.000237363	71432 Benzene	1.15E-08 30YrCancerDerived	*	1.15E-08 INHALATION
831 ALL	486619	3674718.29	0.000243635	71432 Benzene	1.18E-08 30YrCancerDerived	*	1.18E-08 INHALATION
832 ALL	486639.84	3674718.29	0.000257926	71432 Benzene	1.25E-08 30YrCancerDerived	*	1.25E-08 INHALATION
833 ALL	486452.28	3674738.17	0.000210317	71432 Benzene	1.02E-08 30YrCancerDerived	*	1.02E-08 INHALATION
834 ALL	486473.12	3674738.17	0.000216247	71432 Benzene	1.05E-08 30YrCancerDerived	*	1.05E-08 INHALATION
835 ALL	486493.96	3674738.17	0.000224012	71432 Benzene	1.09E-08 30YrCancerDerived	*	1.09E-08 INHALATION
836 ALL	486514.8	3674738.17	0.000230885	71432 Benzene	1.12E-08 30YrCancerDerived	*	1.12E-08 INHALATION

837	ALL	486535.64	3674738.17	0.000236316	71432 Benzene	1.15E-08	30YrCancerDerived	*	1.15E-08	INHALATION
838	ALL	486556.48	3674738.17	0.000242209	71432 Benzene	1.18E-08	30YrCancerDerived	*	1.18E-08	INHALATION
839	ALL	486577.32	3674738.17	0.000243578	71432 Benzene	1.18E-08	30YrCancerDerived	*	1.18E-08	INHALATION
840	ALL	486598.16	3674738.17	0.000243805	71432 Benzene	1.18E-08	30YrCancerDerived	*	1.18E-08	INHALATION
841	ALL	486619	3674738.17	0.000253445	71432 Benzene	1.23E-08	30YrCancerDerived	*	1.23E-08	INHALATION
842	ALL	486473.12	3674758.05	0.000218438	71432 Benzene	1.06E-08	30YrCancerDerived	*	1.06E-08	INHALATION
843	ALL	486493.96	3674758.05	0.000227611	71432 Benzene	0.000000011	30YrCancerDerived	*	0.000000011	INHALATION
844	ALL	486514.8	3674758.05	0.000239413	71432 Benzene	1.16E-08	30YrCancerDerived	*	1.16E-08	INHALATION
845	ALL	486535.64	3674758.05	0.000246306	71432 Benzene	0.000000012	30YrCancerDerived	*	0.000000012	INHALATION
846	ALL	486556.48	3674758.05	0.000252988	71432 Benzene	1.23E-08	30YrCancerDerived	*	1.23E-08	INHALATION
847	ALL	486577.32	3674758.05	0.000255574	71432 Benzene	1.24E-08	30YrCancerDerived	*	1.24E-08	INHALATION
848	ALL	486139.68	3674777.93	0.000292439	71432 Benzene	1.42E-08	30YrCancerDerived	*	1.42E-08	INHALATION
849	ALL	486514.8	3674777.93	0.000245549	71432 Benzene	1.19E-08	30YrCancerDerived	*	1.19E-08	INHALATION
850	ALL	486535.64	3674777.93	0.000256764	71432 Benzene	1.25E-08	30YrCancerDerived	*	1.25E-08	INHALATION
851	ALL	486556.48	3674777.93	0.000266281	71432 Benzene	1.29E-08	30YrCancerDerived	*	1.29E-08	INHALATION
852	ALL	486139.68	3674797.81	0.000317443	71432 Benzene	1.54E-08	30YrCancerDerived	*	1.54E-08	INHALATION
853	ALL	486160.52	3674797.81	0.00029347	71432 Benzene	1.42E-08	30YrCancerDerived	*	1.42E-08	INHALATION
854	ALL	486181.36	3674797.81	0.000278367	71432 Benzene	1.35E-08	30YrCancerDerived	*	1.35E-08	INHALATION
855	ALL	486202.2	3674797.81	0.000264485	71432 Benzene	1.28E-08	30YrCancerDerived	*	1.28E-08	INHALATION
856	ALL	486243.88	3674797.81	0.000252442	71432 Benzene	1.23E-08	30YrCancerDerived	*	1.23E-08	INHALATION
857	ALL	486264.72	3674797.81	0.000236638	71432 Benzene	1.15E-08	30YrCancerDerived	*	1.15E-08	INHALATION
858	ALL	486285.56	3674797.81	0.000227727	71432 Benzene	1.11E-08	30YrCancerDerived	*	1.11E-08	INHALATION
859	ALL	486306.4	3674797.81	0.000220155	71432 Benzene	1.07E-08	30YrCancerDerived	*	1.07E-08	INHALATION
860	ALL	486535.64	3674797.81	0.000265691	71432 Benzene	1.29E-08	30YrCancerDerived	*	1.29E-08	INHALATION
861	ALL	486556.48	3674797.81	0.000284396	71432 Benzene	1.38E-08	30YrCancerDerived	*	1.38E-08	INHALATION
862	ALL	485868.76	3674817.69	0.000199375	71432 Benzene	9.68E-09	30YrCancerDerived	*	9.68E-09	INHALATION
863	ALL	485889.6	3674817.69	0.000207365	71432 Benzene	1.01E-08	30YrCancerDerived	*	1.01E-08	INHALATION
864	ALL	485910.44	3674817.69	0.00021453	71432 Benzene	1.04E-08	30YrCancerDerived	*	1.04E-08	INHALATION
865	ALL	485931.28	3674817.69	0.000218125	71432 Benzene	1.06E-08	30YrCancerDerived	*	1.06E-08	INHALATION
866	ALL	485952.12	3674817.69	0.000221518	71432 Benzene	1.08E-08	30YrCancerDerived	*	1.08E-08	INHALATION
867	ALL	485972.96	3674817.69	0.000225093	71432 Benzene	1.09E-08	30YrCancerDerived	*	1.09E-08	INHALATION
868	ALL	486118.84	3674817.69	0.000283024	71432 Benzene	1.37E-08	30YrCancerDerived	*	1.37E-08	INHALATION
869	ALL	486139.68	3674817.69	0.000276431	71432 Benzene	1.34E-08	30YrCancerDerived	*	1.34E-08	INHALATION
870	ALL	486160.52	3674817.69	0.00028123	71432 Benzene	1.36E-08	30YrCancerDerived	*	1.36E-08	INHALATION
871	ALL	486181.36	3674817.69	0.000285783	71432 Benzene	1.39E-08	30YrCancerDerived	*	1.39E-08	INHALATION

872 ALL	486202.2	3674817.69	0.000288923	71432 Benzene	0.000000014	30YrCancerDerived	*	0.000000014	INHALATION
873 ALL	486223.04	3674817.69	0.000279773	71432 Benzene	1.36E-08	30YrCancerDerived	*	1.36E-08	INHALATION
874 ALL	486243.88	3674817.69	0.00025291	71432 Benzene	1.23E-08	30YrCancerDerived	*	1.23E-08	INHALATION
875 ALL	486264.72	3674817.69	0.000230278	71432 Benzene	1.12E-08	30YrCancerDerived	*	1.12E-08	INHALATION
876 ALL	486285.56	3674817.69	0.000219057	71432 Benzene	1.06E-08	30YrCancerDerived	*	1.06E-08	INHALATION
877 ALL	486306.4	3674817.69	0.000212994	71432 Benzene	1.03E-08	30YrCancerDerived	*	1.03E-08	INHALATION
878 ALL	485868.76	3674837.57	0.000194175	71432 Benzene	9.42E-09	30YrCancerDerived	*	9.42E-09	INHALATION
879 ALL	485889.6	3674837.57	0.000203351	71432 Benzene	9.87E-09	30YrCancerDerived	*	9.87E-09	INHALATION
880 ALL	485910.44	3674837.57	0.000212558	71432 Benzene	1.03E-08	30YrCancerDerived	*	1.03E-08	INHALATION
881 ALL	485931.28	3674837.57	0.000217938	71432 Benzene	1.06E-08	30YrCancerDerived	*	1.06E-08	INHALATION
882 ALL	485952.12	3674837.57	0.000223829	71432 Benzene	1.09E-08	30YrCancerDerived	*	1.09E-08	INHALATION
883 ALL	485972.96	3674837.57	0.000235094	71432 Benzene	1.14E-08	30YrCancerDerived	*	1.14E-08	INHALATION
884 ALL	485993.8	3674837.57	0.000247765	71432 Benzene	0.000000012	30YrCancerDerived	*	0.000000012	INHALATION
885 ALL	486014.64	3674837.57	0.000253681	71432 Benzene	1.23E-08	30YrCancerDerived	*	1.23E-08	INHALATION
886 ALL	486035.48	3674837.57	0.000259024	71432 Benzene	1.26E-08	30YrCancerDerived	*	1.26E-08	INHALATION
887 ALL	486077.16	3674837.57	0.000277383	71432 Benzene	1.35E-08	30YrCancerDerived	*	1.35E-08	INHALATION
888 ALL	486098	3674837.57	0.000262497	71432 Benzene	1.27E-08	30YrCancerDerived	*	1.27E-08	INHALATION
889 ALL	486118.84	3674837.57	0.000241337	71432 Benzene	1.17E-08	30YrCancerDerived	*	1.17E-08	INHALATION
890 ALL	486139.68	3674837.57	0.0002418	71432 Benzene	1.17E-08	30YrCancerDerived	*	1.17E-08	INHALATION
891 ALL	486160.52	3674837.57	0.000241986	71432 Benzene	1.17E-08	30YrCancerDerived	*	1.17E-08	INHALATION
892 ALL	486181.36	3674837.57	0.000244829	71432 Benzene	1.19E-08	30YrCancerDerived	*	1.19E-08	INHALATION
893 ALL	486202.2	3674837.57	0.000263212	71432 Benzene	1.28E-08	30YrCancerDerived	*	1.28E-08	INHALATION
894 ALL	486223.04	3674837.57	0.000263981	71432 Benzene	1.28E-08	30YrCancerDerived	*	1.28E-08	INHALATION
895 ALL	486243.88	3674837.57	0.000238204	71432 Benzene	1.16E-08	30YrCancerDerived	*	1.16E-08	INHALATION
896 ALL	486264.72	3674837.57	0.000218674	71432 Benzene	1.06E-08	30YrCancerDerived	*	1.06E-08	INHALATION
897 ALL	486285.56	3674837.57	0.00020872	71432 Benzene	1.01E-08	30YrCancerDerived	*	1.01E-08	INHALATION
898 ALL	486306.4	3674837.57	0.000205734	71432 Benzene	9.98E-09	30YrCancerDerived	*	9.98E-09	INHALATION
899 ALL	485722.88	3674857.45	0.000142554	71432 Benzene	6.92E-09	30YrCancerDerived	*	6.92E-09	INHALATION
900 ALL	485743.72	3674857.45	0.000151106	71432 Benzene	7.33E-09	30YrCancerDerived	*	7.33E-09	INHALATION
901 ALL	485764.56	3674857.45	0.000158885	71432 Benzene	7.71E-09	30YrCancerDerived	*	7.71E-09	INHALATION
902 ALL	485785.4	3674857.45	0.000164994	71432 Benzene	8.01E-09	30YrCancerDerived	*	8.01E-09	INHALATION
903 ALL	485806.24	3674857.45	0.000170309	71432 Benzene	8.27E-09	30YrCancerDerived	*	8.27E-09	INHALATION
904 ALL	485827.08	3674857.45	0.000175616	71432 Benzene	8.52E-09	30YrCancerDerived	*	8.52E-09	INHALATION
905 ALL	485847.92	3674857.45	0.000181683	71432 Benzene	8.82E-09	30YrCancerDerived	*	8.82E-09	INHALATION
906 ALL	485868.76	3674857.45	0.000188915	71432 Benzene	9.17E-09	30YrCancerDerived	*	9.17E-09	INHALATION

907 ALL	485889.6	3674857.45	0.000197111	71432 Benzene	9.57E-09 30YrCancerDerived	*	9.57E-09 INHALATION
908 ALL	485910.44	3674857.45	0.000206377	71432 Benzene	0.00000001 30YrCancerDerived	*	0.00000001 INHALATION
909 ALL	485931.28	3674857.45	0.000212549	71432 Benzene	1.03E-08 30YrCancerDerived	*	1.03E-08 INHALATION
910 ALL	485952.12	3674857.45	0.000217787	71432 Benzene	1.06E-08 30YrCancerDerived	*	1.06E-08 INHALATION
911 ALL	485972.96	3674857.45	0.000228239	71432 Benzene	1.11E-08 30YrCancerDerived	*	1.11E-08 INHALATION
912 ALL	485993.8	3674857.45	0.000242079	71432 Benzene	1.17E-08 30YrCancerDerived	*	1.17E-08 INHALATION
913 ALL	486014.64	3674857.45	0.000250205	71432 Benzene	1.21E-08 30YrCancerDerived	*	1.21E-08 INHALATION
914 ALL	486035.48	3674857.45	0.000260674	71432 Benzene	1.27E-08 30YrCancerDerived	*	1.27E-08 INHALATION
915 ALL	486056.32	3674857.45	0.000273147	71432 Benzene	1.33E-08 30YrCancerDerived	*	1.33E-08 INHALATION
916 ALL	486077.16	3674857.45	0.000265751	71432 Benzene	1.29E-08 30YrCancerDerived	*	1.29E-08 INHALATION
917 ALL	486098	3674857.45	0.000229612	71432 Benzene	1.11E-08 30YrCancerDerived	*	1.11E-08 INHALATION
918 ALL	486118.84	3674857.45	0.000212144	71432 Benzene	1.03E-08 30YrCancerDerived	*	1.03E-08 INHALATION
919 ALL	486139.68	3674857.45	0.00021392	71432 Benzene	1.04E-08 30YrCancerDerived	*	1.04E-08 INHALATION
920 ALL	486160.52	3674857.45	0.000216855	71432 Benzene	1.05E-08 30YrCancerDerived	*	1.05E-08 INHALATION
921 ALL	486181.36	3674857.45	0.000219538	71432 Benzene	1.07E-08 30YrCancerDerived	*	1.07E-08 INHALATION
922 ALL	486202.2	3674857.45	0.000238268	71432 Benzene	1.16E-08 30YrCancerDerived	*	1.16E-08 INHALATION
923 ALL	486223.04	3674857.45	0.000250777	71432 Benzene	1.22E-08 30YrCancerDerived	*	1.22E-08 INHALATION
924 ALL	486243.88	3674857.45	0.000231025	71432 Benzene	1.12E-08 30YrCancerDerived	*	1.12E-08 INHALATION
925 ALL	486264.72	3674857.45	0.00021573	71432 Benzene	1.05E-08 30YrCancerDerived	*	1.05E-08 INHALATION
926 ALL	486285.56	3674857.45	0.00020617	71432 Benzene	0.00000001 30YrCancerDerived	*	0.00000001 INHALATION
927 ALL	486306.4	3674857.45	0.000200413	71432 Benzene	9.73E-09 30YrCancerDerived	*	9.73E-09 INHALATION
928 ALL	485722.88	3674877.33	0.000139034	71432 Benzene	6.75E-09 30YrCancerDerived	*	6.75E-09 INHALATION
929 ALL	485743.72	3674877.33	0.00014153	71432 Benzene	6.87E-09 30YrCancerDerived	*	6.87E-09 INHALATION
930 ALL	485764.56	3674877.33	0.000146922	71432 Benzene	7.13E-09 30YrCancerDerived	*	7.13E-09 INHALATION
931 ALL	485827.08	3674877.33	0.000170247	71432 Benzene	8.26E-09 30YrCancerDerived	*	8.26E-09 INHALATION
932 ALL	485847.92	3674877.33	0.000176466	71432 Benzene	8.56E-09 30YrCancerDerived	*	8.56E-09 INHALATION
933 ALL	485868.76	3674877.33	0.000183326	71432 Benzene	8.90E-09 30YrCancerDerived	*	8.90E-09 INHALATION
934 ALL	485889.6	3674877.33	0.000191546	71432 Benzene	9.30E-09 30YrCancerDerived	*	9.30E-09 INHALATION
935 ALL	485910.44	3674877.33	0.000199532	71432 Benzene	9.68E-09 30YrCancerDerived	*	9.68E-09 INHALATION
936 ALL	485931.28	3674877.33	0.000206708	71432 Benzene	0.00000001 30YrCancerDerived	*	0.00000001 INHALATION
937 ALL	485952.12	3674877.33	0.000213081	71432 Benzene	1.03E-08 30YrCancerDerived	*	1.03E-08 INHALATION
938 ALL	485972.96	3674877.33	0.000222003	71432 Benzene	1.08E-08 30YrCancerDerived	*	1.08E-08 INHALATION
939 ALL	485993.8	3674877.33	0.000222595	71432 Benzene	1.08E-08 30YrCancerDerived	*	1.08E-08 INHALATION
940 ALL	486014.64	3674877.33	0.000226869	71432 Benzene	0.000000011 30YrCancerDerived	*	0.000000011 INHALATION
941 ALL	486035.48	3674877.33	0.000245075	71432 Benzene	1.19E-08 30YrCancerDerived	*	1.19E-08 INHALATION

942 ALL	486056.32	3674877.33	0.000266077	71432 Benzene	1.29E-08 30YrCancerDerived	*	1.29E-08 INHALATION
943 ALL	486077.16	3674877.33	0.000250256	71432 Benzene	1.21E-08 30YrCancerDerived	*	1.21E-08 INHALATION
944 ALL	486098	3674877.33	0.000211197	71432 Benzene	1.03E-08 30YrCancerDerived	*	1.03E-08 INHALATION
945 ALL	486118.84	3674877.33	0.00019763	71432 Benzene	9.59E-09 30YrCancerDerived	*	9.59E-09 INHALATION
946 ALL	486139.68	3674877.33	0.000198241	71432 Benzene	9.62E-09 30YrCancerDerived	*	9.62E-09 INHALATION
947 ALL	486160.52	3674877.33	0.000201918	71432 Benzene	9.80E-09 30YrCancerDerived	*	9.80E-09 INHALATION
948 ALL	486181.36	3674877.33	0.000209284	71432 Benzene	1.02E-08 30YrCancerDerived	*	1.02E-08 INHALATION
949 ALL	486202.2	3674877.33	0.000221654	71432 Benzene	1.08E-08 30YrCancerDerived	*	1.08E-08 INHALATION
950 ALL	486223.04	3674877.33	0.000231359	71432 Benzene	1.12E-08 30YrCancerDerived	*	1.12E-08 INHALATION
951 ALL	486243.88	3674877.33	0.000222153	71432 Benzene	1.08E-08 30YrCancerDerived	*	1.08E-08 INHALATION
952 ALL	486264.72	3674877.33	0.000211254	71432 Benzene	1.03E-08 30YrCancerDerived	*	1.03E-08 INHALATION
953 ALL	486285.56	3674877.33	0.000204516	71432 Benzene	9.93E-09 30YrCancerDerived	*	9.93E-09 INHALATION
954 ALL	486306.4	3674877.33	0.000200127	71432 Benzene	9.71E-09 30YrCancerDerived	*	9.71E-09 INHALATION
955 ALL	485743.72	3674897.21	0.000134793	71432 Benzene	6.54E-09 30YrCancerDerived	*	6.54E-09 INHALATION
956 ALL	485847.92	3674897.21	0.000170618	71432 Benzene	8.28E-09 30YrCancerDerived	*	8.28E-09 INHALATION
957 ALL	485868.76	3674897.21	0.000178221	71432 Benzene	8.65E-09 30YrCancerDerived	*	8.65E-09 INHALATION
958 ALL	485889.6	3674897.21	0.000186484	71432 Benzene	9.05E-09 30YrCancerDerived	*	9.05E-09 INHALATION
959 ALL	485910.44	3674897.21	0.000195036	71432 Benzene	9.47E-09 30YrCancerDerived	*	9.47E-09 INHALATION
960 ALL	485931.28	3674897.21	0.000202108	71432 Benzene	9.81E-09 30YrCancerDerived	*	9.81E-09 INHALATION
961 ALL	485952.12	3674897.21	0.000209659	71432 Benzene	1.02E-08 30YrCancerDerived	*	1.02E-08 INHALATION
962 ALL	485972.96	3674897.21	0.000216371	71432 Benzene	1.05E-08 30YrCancerDerived	*	1.05E-08 INHALATION
963 ALL	485993.8	3674897.21	0.000210124	71432 Benzene	1.02E-08 30YrCancerDerived	*	1.02E-08 INHALATION
964 ALL	486014.64	3674897.21	0.000214146	71432 Benzene	1.04E-08 30YrCancerDerived	*	1.04E-08 INHALATION
965 ALL	486035.48	3674897.21	0.000231324	71432 Benzene	1.12E-08 30YrCancerDerived	*	1.12E-08 INHALATION
966 ALL	486056.32	3674897.21	0.000260729	71432 Benzene	1.27E-08 30YrCancerDerived	*	1.27E-08 INHALATION
967 ALL	486077.16	3674897.21	0.000241701	71432 Benzene	1.17E-08 30YrCancerDerived	*	1.17E-08 INHALATION
968 ALL	486098	3674897.21	0.000208089	71432 Benzene	1.01E-08 30YrCancerDerived	*	1.01E-08 INHALATION
969 ALL	486118.84	3674897.21	0.000195509	71432 Benzene	9.49E-09 30YrCancerDerived	*	9.49E-09 INHALATION
970 ALL	486139.68	3674897.21	0.000189726	71432 Benzene	9.21E-09 30YrCancerDerived	*	9.21E-09 INHALATION
971 ALL	486160.52	3674897.21	0.000191978	71432 Benzene	9.32E-09 30YrCancerDerived	*	9.32E-09 INHALATION
972 ALL	486181.36	3674897.21	0.000197194	71432 Benzene	9.57E-09 30YrCancerDerived	*	9.57E-09 INHALATION
973 ALL	486202.2	3674897.21	0.000210173	71432 Benzene	1.02E-08 30YrCancerDerived	*	1.02E-08 INHALATION
974 ALL	486223.04	3674897.21	0.000217908	71432 Benzene	1.06E-08 30YrCancerDerived	*	1.06E-08 INHALATION
975 ALL	486243.88	3674897.21	0.000217821	71432 Benzene	1.06E-08 30YrCancerDerived	*	1.06E-08 INHALATION
976 ALL	486264.72	3674897.21	0.000207351	71432 Benzene	1.01E-08 30YrCancerDerived	*	1.01E-08 INHALATION

977 ALL	486285.56	3674897.21	0.000201149	71432 Benzene	9.76E-09 30YrCancerDerived	*	9.76E-09 INHALATION
978 ALL	486306.4	3674897.21	0.000198215	71432 Benzene	9.62E-09 30YrCancerDerived	*	9.62E-09 INHALATION
979 ALL	486327.24	3674897.21	0.000198206	71432 Benzene	9.62E-09 30YrCancerDerived	*	9.62E-09 INHALATION
980 ALL	485847.92	3674917.09	0.000163934	71432 Benzene	7.96E-09 30YrCancerDerived	*	7.96E-09 INHALATION
981 ALL	485868.76	3674917.09	0.00017263	71432 Benzene	8.38E-09 30YrCancerDerived	*	8.38E-09 INHALATION
982 ALL	485889.6	3674917.09	0.000182319	71432 Benzene	8.85E-09 30YrCancerDerived	*	8.85E-09 INHALATION
983 ALL	485910.44	3674917.09	0.000191652	71432 Benzene	9.30E-09 30YrCancerDerived	*	9.30E-09 INHALATION
984 ALL	485931.28	3674917.09	0.000198213	71432 Benzene	9.62E-09 30YrCancerDerived	*	9.62E-09 INHALATION
985 ALL	485952.12	3674917.09	0.000203655	71432 Benzene	9.88E-09 30YrCancerDerived	*	9.88E-09 INHALATION
986 ALL	485972.96	3674917.09	0.000202924	71432 Benzene	9.85E-09 30YrCancerDerived	*	9.85E-09 INHALATION
987 ALL	485993.8	3674917.09	0.000199728	71432 Benzene	9.69E-09 30YrCancerDerived	*	9.69E-09 INHALATION
988 ALL	486014.64	3674917.09	0.000202114	71432 Benzene	9.81E-09 30YrCancerDerived	*	9.81E-09 INHALATION
989 ALL	486035.48	3674917.09	0.000222197	71432 Benzene	1.08E-08 30YrCancerDerived	*	1.08E-08 INHALATION
990 ALL	486056.32	3674917.09	0.000243305	71432 Benzene	1.18E-08 30YrCancerDerived	*	1.18E-08 INHALATION
991 ALL	486077.16	3674917.09	0.000237868	71432 Benzene	1.15E-08 30YrCancerDerived	*	1.15E-08 INHALATION
992 ALL	486098	3674917.09	0.000213257	71432 Benzene	1.04E-08 30YrCancerDerived	*	1.04E-08 INHALATION
993 ALL	486118.84	3674917.09	0.000199877	71432 Benzene	9.70E-09 30YrCancerDerived	*	9.70E-09 INHALATION
994 ALL	486139.68	3674917.09	0.000190439	71432 Benzene	9.24E-09 30YrCancerDerived	*	9.24E-09 INHALATION
995 ALL	486160.52	3674917.09	0.000186954	71432 Benzene	9.07E-09 30YrCancerDerived	*	9.07E-09 INHALATION
996 ALL	486181.36	3674917.09	0.000186968	71432 Benzene	9.07E-09 30YrCancerDerived	*	9.07E-09 INHALATION
997 ALL	486202.2	3674917.09	0.000197608	71432 Benzene	9.59E-09 30YrCancerDerived	*	9.59E-09 INHALATION
998 ALL	486223.04	3674917.09	0.000208343	71432 Benzene	1.01E-08 30YrCancerDerived	*	1.01E-08 INHALATION
999 ALL	486243.88	3674917.09	0.000212386	71432 Benzene	1.03E-08 30YrCancerDerived	*	1.03E-08 INHALATION
1000 ALL	486264.72	3674917.09	0.000207255	71432 Benzene	1.01E-08 30YrCancerDerived	*	1.01E-08 INHALATION
1001 ALL	486285.56	3674917.09	0.000203435	71432 Benzene	9.87E-09 30YrCancerDerived	*	9.87E-09 INHALATION
1002 ALL	486306.4	3674917.09	0.000200499	71432 Benzene	9.73E-09 30YrCancerDerived	*	9.73E-09 INHALATION
1003 ALL	486327.24	3674917.09	0.000199105	71432 Benzene	9.66E-09 30YrCancerDerived	*	9.66E-09 INHALATION
1004 ALL	485868.76	3674936.97	0.000167424	71432 Benzene	8.13E-09 30YrCancerDerived	*	8.13E-09 INHALATION
1005 ALL	485889.6	3674936.97	0.000177851	71432 Benzene	8.63E-09 30YrCancerDerived	*	8.63E-09 INHALATION
1006 ALL	485910.44	3674936.97	0.000187227	71432 Benzene	9.09E-09 30YrCancerDerived	*	9.09E-09 INHALATION
1007 ALL	485931.28	3674936.97	0.000193955	71432 Benzene	9.41E-09 30YrCancerDerived	*	9.41E-09 INHALATION
1008 ALL	485952.12	3674936.97	0.000198681	71432 Benzene	9.64E-09 30YrCancerDerived	*	9.64E-09 INHALATION
1009 ALL	485972.96	3674936.97	0.000197206	71432 Benzene	9.57E-09 30YrCancerDerived	*	9.57E-09 INHALATION
1010 ALL	485993.8	3674936.97	0.00019586	71432 Benzene	9.51E-09 30YrCancerDerived	*	9.51E-09 INHALATION
1011 ALL	486014.64	3674936.97	0.00019601	71432 Benzene	9.51E-09 30YrCancerDerived	*	9.51E-09 INHALATION

1012 ALL	486035.48	3674936.97	0.000210707	71432 Benzene	1.02E-08 30YrCancerDerived	*	1.02E-08 INHALATION
1013 ALL	486056.32	3674936.97	0.000228691	71432 Benzene	1.11E-08 30YrCancerDerived	*	1.11E-08 INHALATION
1014 ALL	486077.16	3674936.97	0.000226285	71432 Benzene	0.000000011 30YrCancerDerived	*	0.000000011 INHALATION
1015 ALL	486098	3674936.97	0.000214491	71432 Benzene	1.04E-08 30YrCancerDerived	*	1.04E-08 INHALATION
1016 ALL	486118.84	3674936.97	0.000202708	71432 Benzene	9.84E-09 30YrCancerDerived	*	9.84E-09 INHALATION
1017 ALL	486139.68	3674936.97	0.000192627	71432 Benzene	9.35E-09 30YrCancerDerived	*	9.35E-09 INHALATION
1018 ALL	486160.52	3674936.97	0.000187987	71432 Benzene	9.12E-09 30YrCancerDerived	*	9.12E-09 INHALATION
1019 ALL	486181.36	3674936.97	0.000186472	71432 Benzene	9.05E-09 30YrCancerDerived	*	9.05E-09 INHALATION
1020 ALL	486202.2	3674936.97	0.000189978	71432 Benzene	9.22E-09 30YrCancerDerived	*	9.22E-09 INHALATION
1021 ALL	486223.04	3674936.97	0.000200339	71432 Benzene	9.72E-09 30YrCancerDerived	*	9.72E-09 INHALATION
1022 ALL	486243.88	3674936.97	0.000206743	71432 Benzene	0.00000001 30YrCancerDerived	*	0.00000001 INHALATION
1023 ALL	486264.72	3674936.97	0.000207979	71432 Benzene	1.01E-08 30YrCancerDerived	*	1.01E-08 INHALATION
1024 ALL	486285.56	3674936.97	0.000205689	71432 Benzene	9.98E-09 30YrCancerDerived	*	9.98E-09 INHALATION
1025 ALL	486306.4	3674936.97	0.000204474	71432 Benzene	9.92E-09 30YrCancerDerived	*	9.92E-09 INHALATION
1026 ALL	486327.24	3674936.97	0.000201694	71432 Benzene	9.79E-09 30YrCancerDerived	*	9.79E-09 INHALATION
1027 ALL	486348.08	3674936.97	0.000200934	71432 Benzene	9.75E-09 30YrCancerDerived	*	9.75E-09 INHALATION
1028 ALL	485889.6	3674956.85	0.000174691	71432 Benzene	8.48E-09 30YrCancerDerived	*	8.48E-09 INHALATION
1029 ALL	485910.44	3674956.85	0.000183239	71432 Benzene	8.89E-09 30YrCancerDerived	*	8.89E-09 INHALATION
1030 ALL	485931.28	3674956.85	0.000190006	71432 Benzene	9.22E-09 30YrCancerDerived	*	9.22E-09 INHALATION
1031 ALL	485952.12	3674956.85	0.000195695	71432 Benzene	9.50E-09 30YrCancerDerived	*	9.50E-09 INHALATION
1032 ALL	485972.96	3674956.85	0.00019645	71432 Benzene	9.53E-09 30YrCancerDerived	*	9.53E-09 INHALATION
1033 ALL	485993.8	3674956.85	0.00019397	71432 Benzene	9.41E-09 30YrCancerDerived	*	9.41E-09 INHALATION
1034 ALL	486014.64	3674956.85	0.000192707	71432 Benzene	9.35E-09 30YrCancerDerived	*	9.35E-09 INHALATION
1035 ALL	486035.48	3674956.85	0.000202635	71432 Benzene	9.83E-09 30YrCancerDerived	*	9.83E-09 INHALATION
1036 ALL	486056.32	3674956.85	0.000217671	71432 Benzene	1.06E-08 30YrCancerDerived	*	1.06E-08 INHALATION
1037 ALL	486077.16	3674956.85	0.000218823	71432 Benzene	1.06E-08 30YrCancerDerived	*	1.06E-08 INHALATION
1038 ALL	486098	3674956.85	0.00020877	71432 Benzene	1.01E-08 30YrCancerDerived	*	1.01E-08 INHALATION
1039 ALL	486118.84	3674956.85	0.000202314	71432 Benzene	9.82E-09 30YrCancerDerived	*	9.82E-09 INHALATION
1040 ALL	486139.68	3674956.85	0.000196031	71432 Benzene	9.51E-09 30YrCancerDerived	*	9.51E-09 INHALATION
1041 ALL	486160.52	3674956.85	0.000191233	71432 Benzene	9.28E-09 30YrCancerDerived	*	9.28E-09 INHALATION
1042 ALL	486181.36	3674956.85	0.000188283	71432 Benzene	9.14E-09 30YrCancerDerived	*	9.14E-09 INHALATION
1043 ALL	486202.2	3674956.85	0.000188562	71432 Benzene	9.15E-09 30YrCancerDerived	*	9.15E-09 INHALATION
1044 ALL	486223.04	3674956.85	0.000194464	71432 Benzene	9.44E-09 30YrCancerDerived	*	9.44E-09 INHALATION
1045 ALL	486243.88	3674956.85	0.000201644	71432 Benzene	9.79E-09 30YrCancerDerived	*	9.79E-09 INHALATION
1046 ALL	486264.72	3674956.85	0.00020362	71432 Benzene	9.88E-09 30YrCancerDerived	*	9.88E-09 INHALATION

1047 ALL	486285.56	3674956.85	0.00020421	71432 Benzene	9.91E-09 30YrCancerDerived	*	9.91E-09 INHALATION
1048 ALL	486306.4	3674956.85	0.000204091	71432 Benzene	9.90E-09 30YrCancerDerived	*	9.90E-09 INHALATION
1049 ALL	486327.24	3674956.85	0.000203718	71432 Benzene	9.89E-09 30YrCancerDerived	*	9.89E-09 INHALATION
1050 ALL	486348.08	3674956.85	0.000205331	71432 Benzene	9.97E-09 30YrCancerDerived	*	9.97E-09 INHALATION
1051 ALL	486368.92	3674956.85	0.000209854	71432 Benzene	1.02E-08 30YrCancerDerived	*	1.02E-08 INHALATION
1052 ALL	485889.6	3674976.73	0.000174563	71432 Benzene	8.47E-09 30YrCancerDerived	*	8.47E-09 INHALATION
1053 ALL	485910.44	3674976.73	0.00018279	71432 Benzene	8.87E-09 30YrCancerDerived	*	8.87E-09 INHALATION
1054 ALL	485931.28	3674976.73	0.000189237	71432 Benzene	9.18E-09 30YrCancerDerived	*	9.18E-09 INHALATION
1055 ALL	485952.12	3674976.73	0.000201508	71432 Benzene	9.78E-09 30YrCancerDerived	*	9.78E-09 INHALATION
1056 ALL	485972.96	3674976.73	0.000200074	71432 Benzene	9.71E-09 30YrCancerDerived	*	9.71E-09 INHALATION
1057 ALL	485993.8	3674976.73	0.000193444	71432 Benzene	9.39E-09 30YrCancerDerived	*	9.39E-09 INHALATION
1058 ALL	486014.64	3674976.73	0.000190989	71432 Benzene	9.27E-09 30YrCancerDerived	*	9.27E-09 INHALATION
1059 ALL	486035.48	3674976.73	0.000198511	71432 Benzene	9.63E-09 30YrCancerDerived	*	9.63E-09 INHALATION
1060 ALL	486056.32	3674976.73	0.000210173	71432 Benzene	1.02E-08 30YrCancerDerived	*	1.02E-08 INHALATION
1061 ALL	486077.16	3674976.73	0.000215582	71432 Benzene	1.05E-08 30YrCancerDerived	*	1.05E-08 INHALATION
1062 ALL	486098	3674976.73	0.00021258	71432 Benzene	1.03E-08 30YrCancerDerived	*	1.03E-08 INHALATION
1063 ALL	486118.84	3674976.73	0.000210402	71432 Benzene	1.02E-08 30YrCancerDerived	*	1.02E-08 INHALATION
1064 ALL	486139.68	3674976.73	0.000203134	71432 Benzene	9.86E-09 30YrCancerDerived	*	9.86E-09 INHALATION
1065 ALL	486160.52	3674976.73	0.000194433	71432 Benzene	9.44E-09 30YrCancerDerived	*	9.44E-09 INHALATION
1066 ALL	486181.36	3674976.73	0.000189247	71432 Benzene	9.18E-09 30YrCancerDerived	*	9.18E-09 INHALATION
1067 ALL	486202.2	3674976.73	0.000188415	71432 Benzene	9.14E-09 30YrCancerDerived	*	9.14E-09 INHALATION
1068 ALL	486223.04	3674976.73	0.000192521	71432 Benzene	9.34E-09 30YrCancerDerived	*	9.34E-09 INHALATION
1069 ALL	486243.88	3674976.73	0.000198186	71432 Benzene	9.62E-09 30YrCancerDerived	*	9.62E-09 INHALATION
1070 ALL	486264.72	3674976.73	0.000199919	71432 Benzene	9.70E-09 30YrCancerDerived	*	9.70E-09 INHALATION
1071 ALL	486285.56	3674976.73	0.000202015	71432 Benzene	9.80E-09 30YrCancerDerived	*	9.80E-09 INHALATION
1072 ALL	486306.4	3674976.73	0.000204612	71432 Benzene	9.93E-09 30YrCancerDerived	*	9.93E-09 INHALATION
1073 ALL	486327.24	3674976.73	0.00020958	71432 Benzene	1.02E-08 30YrCancerDerived	*	1.02E-08 INHALATION
1074 ALL	486348.08	3674976.73	0.000212638	71432 Benzene	1.03E-08 30YrCancerDerived	*	1.03E-08 INHALATION
1075 ALL	486368.92	3674976.73	0.000216267	71432 Benzene	1.05E-08 30YrCancerDerived	*	1.05E-08 INHALATION
1076 ALL	486389.76	3674976.73	0.000222616	71432 Benzene	1.08E-08 30YrCancerDerived	*	1.08E-08 INHALATION
1077 ALL	486410.6	3674976.73	0.000230718	71432 Benzene	1.12E-08 30YrCancerDerived	*	1.12E-08 INHALATION
1078 ALL	486431.44	3674976.73	0.000236864	71432 Benzene	1.15E-08 30YrCancerDerived	*	1.15E-08 INHALATION
1079 ALL	485889.6	3674996.61	0.000173301	71432 Benzene	8.41E-09 30YrCancerDerived	*	8.41E-09 INHALATION
1080 ALL	485910.44	3674996.61	0.000189878	71432 Benzene	9.22E-09 30YrCancerDerived	*	9.22E-09 INHALATION
1081 ALL	485931.28	3674996.61	0.000200631	71432 Benzene	9.74E-09 30YrCancerDerived	*	9.74E-09 INHALATION

1082 ALL	485952.12	3674996.61	0.000215496	71432 Benzene	1.05E-08 30YrCancerDerived	*	1.05E-08 INHALATION
1083 ALL	485972.96	3674996.61	0.000200738	71432 Benzene	9.74E-09 30YrCancerDerived	*	9.74E-09 INHALATION
1084 ALL	485993.8	3674996.61	0.000190851	71432 Benzene	9.26E-09 30YrCancerDerived	*	9.26E-09 INHALATION
1085 ALL	486014.64	3674996.61	0.000186976	71432 Benzene	9.07E-09 30YrCancerDerived	*	9.07E-09 INHALATION
1086 ALL	486035.48	3674996.61	0.000191497	71432 Benzene	9.29E-09 30YrCancerDerived	*	9.29E-09 INHALATION
1087 ALL	486056.32	3674996.61	0.000203402	71432 Benzene	9.87E-09 30YrCancerDerived	*	9.87E-09 INHALATION
1088 ALL	486077.16	3674996.61	0.000208865	71432 Benzene	1.01E-08 30YrCancerDerived	*	1.01E-08 INHALATION
1089 ALL	486098	3674996.61	0.000214112	71432 Benzene	1.04E-08 30YrCancerDerived	*	1.04E-08 INHALATION
1090 ALL	486118.84	3674996.61	0.000214764	71432 Benzene	1.04E-08 30YrCancerDerived	*	1.04E-08 INHALATION
1091 ALL	486139.68	3674996.61	0.0002048	71432 Benzene	9.94E-09 30YrCancerDerived	*	9.94E-09 INHALATION
1092 ALL	486160.52	3674996.61	0.000196246	71432 Benzene	9.52E-09 30YrCancerDerived	*	9.52E-09 INHALATION
1093 ALL	486181.36	3674996.61	0.000191979	71432 Benzene	9.32E-09 30YrCancerDerived	*	9.32E-09 INHALATION
1094 ALL	486202.2	3674996.61	0.000189886	71432 Benzene	9.22E-09 30YrCancerDerived	*	9.22E-09 INHALATION
1095 ALL	486223.04	3674996.61	0.000192757	71432 Benzene	9.35E-09 30YrCancerDerived	*	9.35E-09 INHALATION
1096 ALL	486243.88	3674996.61	0.000196891	71432 Benzene	9.56E-09 30YrCancerDerived	*	9.56E-09 INHALATION
1097 ALL	486264.72	3674996.61	0.000198734	71432 Benzene	9.64E-09 30YrCancerDerived	*	9.64E-09 INHALATION
1098 ALL	486285.56	3674996.61	0.000199492	71432 Benzene	9.68E-09 30YrCancerDerived	*	9.68E-09 INHALATION
1099 ALL	486306.4	3674996.61	0.000204898	71432 Benzene	9.94E-09 30YrCancerDerived	*	9.94E-09 INHALATION
1100 ALL	486327.24	3674996.61	0.000211749	71432 Benzene	1.03E-08 30YrCancerDerived	*	1.03E-08 INHALATION
1101 ALL	486348.08	3674996.61	0.000219281	71432 Benzene	1.06E-08 30YrCancerDerived	*	1.06E-08 INHALATION
1102 ALL	486368.92	3674996.61	0.000224237	71432 Benzene	1.09E-08 30YrCancerDerived	*	1.09E-08 INHALATION
1103 ALL	486389.76	3674996.61	0.000228266	71432 Benzene	1.11E-08 30YrCancerDerived	*	1.11E-08 INHALATION
1104 ALL	486410.6	3674996.61	0.000239649	71432 Benzene	1.16E-08 30YrCancerDerived	*	1.16E-08 INHALATION
1105 ALL	486431.44	3674996.61	0.000251266	71432 Benzene	1.22E-08 30YrCancerDerived	*	1.22E-08 INHALATION
1106 ALL	486452.28	3674996.61	0.000265127	71432 Benzene	1.29E-08 30YrCancerDerived	*	1.29E-08 INHALATION
1107 ALL	486473.12	3674996.61	0.000272299	71432 Benzene	1.32E-08 30YrCancerDerived	*	1.32E-08 INHALATION
1108 ALL	486493.96	3674996.61	0.000275379	71432 Benzene	1.34E-08 30YrCancerDerived	*	1.34E-08 INHALATION
1109 ALL	486514.8	3674996.61	0.000280056	71432 Benzene	1.36E-08 30YrCancerDerived	*	1.36E-08 INHALATION
1110 ALL	485889.6	3675016.49	0.000169825	71432 Benzene	8.24E-09 30YrCancerDerived	*	8.24E-09 INHALATION
1111 ALL	485910.44	3675016.49	0.00019191	71432 Benzene	9.31E-09 30YrCancerDerived	*	9.31E-09 INHALATION
1112 ALL	485931.28	3675016.49	0.000207878	71432 Benzene	1.01E-08 30YrCancerDerived	*	1.01E-08 INHALATION
1113 ALL	485952.12	3675016.49	0.000221525	71432 Benzene	1.08E-08 30YrCancerDerived	*	1.08E-08 INHALATION
1114 ALL	485972.96	3675016.49	0.000202805	71432 Benzene	9.84E-09 30YrCancerDerived	*	9.84E-09 INHALATION
1115 ALL	485993.8	3675016.49	0.000189719	71432 Benzene	9.21E-09 30YrCancerDerived	*	9.21E-09 INHALATION
1116 ALL	486014.64	3675016.49	0.000184231	71432 Benzene	8.94E-09 30YrCancerDerived	*	8.94E-09 INHALATION

1117 ALL	486035.48	3675016.49	0.000184529	71432 Benzene	8.96E-09 30YrCancerDerived	*	8.96E-09 INHALATION
1118 ALL	486056.32	3675016.49	0.000190188	71432 Benzene	9.23E-09 30YrCancerDerived	*	9.23E-09 INHALATION
1119 ALL	486077.16	3675016.49	0.000198583	71432 Benzene	9.64E-09 30YrCancerDerived	*	9.64E-09 INHALATION
1120 ALL	486098	3675016.49	0.000206348	71432 Benzene	0.00000001 30YrCancerDerived	*	0.00000001 INHALATION
1121 ALL	486118.84	3675016.49	0.000204434	71432 Benzene	9.92E-09 30YrCancerDerived	*	9.92E-09 INHALATION
1122 ALL	486139.68	3675016.49	0.000202552	71432 Benzene	9.83E-09 30YrCancerDerived	*	9.83E-09 INHALATION
1123 ALL	486160.52	3675016.49	0.000201377	71432 Benzene	9.77E-09 30YrCancerDerived	*	9.77E-09 INHALATION
1124 ALL	486181.36	3675016.49	0.000196275	71432 Benzene	9.53E-09 30YrCancerDerived	*	9.53E-09 INHALATION
1125 ALL	486202.2	3675016.49	0.000195484	71432 Benzene	9.49E-09 30YrCancerDerived	*	9.49E-09 INHALATION
1126 ALL	486223.04	3675016.49	0.000194537	71432 Benzene	9.44E-09 30YrCancerDerived	*	9.44E-09 INHALATION
1127 ALL	486243.88	3675016.49	0.000195944	71432 Benzene	9.51E-09 30YrCancerDerived	*	9.51E-09 INHALATION
1128 ALL	486264.72	3675016.49	0.000197331	71432 Benzene	9.58E-09 30YrCancerDerived	*	9.58E-09 INHALATION
1129 ALL	486285.56	3675016.49	0.000197575	71432 Benzene	9.59E-09 30YrCancerDerived	*	9.59E-09 INHALATION
1130 ALL	486306.4	3675016.49	0.000201296	71432 Benzene	9.77E-09 30YrCancerDerived	*	9.77E-09 INHALATION
1131 ALL	486327.24	3675016.49	0.000210387	71432 Benzene	1.02E-08 30YrCancerDerived	*	1.02E-08 INHALATION
1132 ALL	486348.08	3675016.49	0.000222266	71432 Benzene	1.08E-08 30YrCancerDerived	*	1.08E-08 INHALATION
1133 ALL	486368.92	3675016.49	0.000236617	71432 Benzene	1.15E-08 30YrCancerDerived	*	1.15E-08 INHALATION
1134 ALL	486389.76	3675016.49	0.000242884	71432 Benzene	1.18E-08 30YrCancerDerived	*	1.18E-08 INHALATION
1135 ALL	486410.6	3675016.49	0.000251479	71432 Benzene	1.22E-08 30YrCancerDerived	*	1.22E-08 INHALATION
1136 ALL	486431.44	3675016.49	0.000272472	71432 Benzene	1.32E-08 30YrCancerDerived	*	1.32E-08 INHALATION
1137 ALL	486452.28	3675016.49	0.000295402	71432 Benzene	1.43E-08 30YrCancerDerived	*	1.43E-08 INHALATION
1138 ALL	486473.12	3675016.49	0.00030844	71432 Benzene	0.000000015 30YrCancerDerived	*	0.000000015 INHALATION
1139 ALL	486493.96	3675016.49	0.00031666	71432 Benzene	1.54E-08 30YrCancerDerived	*	1.54E-08 INHALATION
1140 ALL	486514.8	3675016.49	0.000325642	71432 Benzene	1.58E-08 30YrCancerDerived	*	1.58E-08 INHALATION
1141 ALL	485889.6	3675036.37	0.000169045	71432 Benzene	8.20E-09 30YrCancerDerived	*	8.20E-09 INHALATION
1142 ALL	485910.44	3675036.37	0.000191407	71432 Benzene	9.29E-09 30YrCancerDerived	*	9.29E-09 INHALATION
1143 ALL	485931.28	3675036.37	0.000208616	71432 Benzene	1.01E-08 30YrCancerDerived	*	1.01E-08 INHALATION
1144 ALL	485952.12	3675036.37	0.000241789	71432 Benzene	1.17E-08 30YrCancerDerived	*	1.17E-08 INHALATION
1145 ALL	485972.96	3675036.37	0.000213953	71432 Benzene	1.04E-08 30YrCancerDerived	*	1.04E-08 INHALATION
1146 ALL	485993.8	3675036.37	0.000192728	71432 Benzene	9.35E-09 30YrCancerDerived	*	9.35E-09 INHALATION
1147 ALL	486014.64	3675036.37	0.000187306	71432 Benzene	9.09E-09 30YrCancerDerived	*	9.09E-09 INHALATION
1148 ALL	486035.48	3675036.37	0.000183967	71432 Benzene	8.93E-09 30YrCancerDerived	*	8.93E-09 INHALATION
1149 ALL	486056.32	3675036.37	0.000185515	71432 Benzene	0.000000009 30YrCancerDerived	*	0.000000009 INHALATION
1150 ALL	486077.16	3675036.37	0.00019059	71432 Benzene	9.25E-09 30YrCancerDerived	*	9.25E-09 INHALATION
1151 ALL	486098	3675036.37	0.000195893	71432 Benzene	9.51E-09 30YrCancerDerived	*	9.51E-09 INHALATION

1152 ALL	486118.84	3675036.37	0.000197013	71432 Benzene	9.56E-09 30YrCancerDerived	*	9.56E-09 INHALATION
1153 ALL	486139.68	3675036.37	0.000194752	71432 Benzene	9.45E-09 30YrCancerDerived	*	9.45E-09 INHALATION
1154 ALL	486160.52	3675036.37	0.000196797	71432 Benzene	9.55E-09 30YrCancerDerived	*	9.55E-09 INHALATION
1155 ALL	486181.36	3675036.37	0.000196253	71432 Benzene	9.52E-09 30YrCancerDerived	*	9.52E-09 INHALATION
1156 ALL	486202.2	3675036.37	0.000193822	71432 Benzene	9.41E-09 30YrCancerDerived	*	9.41E-09 INHALATION
1157 ALL	486223.04	3675036.37	0.000192696	71432 Benzene	9.35E-09 30YrCancerDerived	*	9.35E-09 INHALATION
1158 ALL	486243.88	3675036.37	0.000195021	71432 Benzene	9.46E-09 30YrCancerDerived	*	9.46E-09 INHALATION
1159 ALL	486264.72	3675036.37	0.000198274	71432 Benzene	9.62E-09 30YrCancerDerived	*	9.62E-09 INHALATION
1160 ALL	486285.56	3675036.37	0.000200439	71432 Benzene	9.73E-09 30YrCancerDerived	*	9.73E-09 INHALATION
1161 ALL	486306.4	3675036.37	0.000203857	71432 Benzene	9.89E-09 30YrCancerDerived	*	9.89E-09 INHALATION
1162 ALL	486327.24	3675036.37	0.000212825	71432 Benzene	1.03E-08 30YrCancerDerived	*	1.03E-08 INHALATION
1163 ALL	486348.08	3675036.37	0.000227078	71432 Benzene	0.000000011 30YrCancerDerived	*	0.000000011 INHALATION
1164 ALL	486368.92	3675036.37	0.000249587	71432 Benzene	1.21E-08 30YrCancerDerived	*	1.21E-08 INHALATION
1165 ALL	486389.76	3675036.37	0.000270925	71432 Benzene	1.31E-08 30YrCancerDerived	*	1.31E-08 INHALATION
1166 ALL	486410.6	3675036.37	0.000282257	71432 Benzene	1.37E-08 30YrCancerDerived	*	1.37E-08 INHALATION
1167 ALL	486431.44	3675036.37	0.000307844	71432 Benzene	1.49E-08 30YrCancerDerived	*	1.49E-08 INHALATION
1168 ALL	486452.28	3675036.37	0.000328177	71432 Benzene	1.59E-08 30YrCancerDerived	*	1.59E-08 INHALATION
1169 ALL	486473.12	3675036.37	0.000342329	71432 Benzene	1.66E-08 30YrCancerDerived	*	1.66E-08 INHALATION
1170 ALL	486493.96	3675036.37	0.000361329	71432 Benzene	1.75E-08 30YrCancerDerived	*	1.75E-08 INHALATION
1171 ALL	486514.8	3675036.37	0.000377588	71432 Benzene	1.83E-08 30YrCancerDerived	*	1.83E-08 INHALATION
1172 ALL	485889.6	3675056.25	0.000170731	71432 Benzene	8.29E-09 30YrCancerDerived	*	8.29E-09 INHALATION
1173 ALL	485910.44	3675056.25	0.000193884	71432 Benzene	9.41E-09 30YrCancerDerived	*	9.41E-09 INHALATION
1174 ALL	485931.28	3675056.25	0.000224338	71432 Benzene	1.09E-08 30YrCancerDerived	*	1.09E-08 INHALATION
1175 ALL	485952.12	3675056.25	0.000254399	71432 Benzene	1.23E-08 30YrCancerDerived	*	1.23E-08 INHALATION
1176 ALL	485972.96	3675056.25	0.000234992	71432 Benzene	1.14E-08 30YrCancerDerived	*	1.14E-08 INHALATION
1177 ALL	485993.8	3675056.25	0.000205205	71432 Benzene	9.96E-09 30YrCancerDerived	*	9.96E-09 INHALATION
1178 ALL	486014.64	3675056.25	0.000195354	71432 Benzene	9.48E-09 30YrCancerDerived	*	9.48E-09 INHALATION
1179 ALL	486035.48	3675056.25	0.000186988	71432 Benzene	9.07E-09 30YrCancerDerived	*	9.07E-09 INHALATION
1180 ALL	486056.32	3675056.25	0.000186465	71432 Benzene	9.05E-09 30YrCancerDerived	*	9.05E-09 INHALATION
1181 ALL	486077.16	3675056.25	0.000185321	71432 Benzene	8.99E-09 30YrCancerDerived	*	8.99E-09 INHALATION
1182 ALL	486098	3675056.25	0.000186783	71432 Benzene	9.06E-09 30YrCancerDerived	*	9.06E-09 INHALATION
1183 ALL	486118.84	3675056.25	0.000189177	71432 Benzene	9.18E-09 30YrCancerDerived	*	9.18E-09 INHALATION
1184 ALL	486139.68	3675056.25	0.000187603	71432 Benzene	9.10E-09 30YrCancerDerived	*	9.10E-09 INHALATION
1185 ALL	486160.52	3675056.25	0.000187759	71432 Benzene	9.11E-09 30YrCancerDerived	*	9.11E-09 INHALATION
1186 ALL	486181.36	3675056.25	0.000191189	71432 Benzene	9.28E-09 30YrCancerDerived	*	9.28E-09 INHALATION

1187 ALL	486202.2	3675056.25	0.000189415	71432 Benzene	9.19E-09 30YrCancerDerived	*	9.19E-09 INHALATION
1188 ALL	486223.04	3675056.25	0.000190198	71432 Benzene	9.23E-09 30YrCancerDerived	*	9.23E-09 INHALATION
1189 ALL	486243.88	3675056.25	0.000194945	71432 Benzene	9.46E-09 30YrCancerDerived	*	9.46E-09 INHALATION
1190 ALL	486264.72	3675056.25	0.000200995	71432 Benzene	9.75E-09 30YrCancerDerived	*	9.75E-09 INHALATION
1191 ALL	486285.56	3675056.25	0.000206639	71432 Benzene	0.00000001 30YrCancerDerived	*	0.00000001 INHALATION
1192 ALL	486306.4	3675056.25	0.000212289	71432 Benzene	1.03E-08 30YrCancerDerived	*	1.03E-08 INHALATION
1193 ALL	486327.24	3675056.25	0.000221405	71432 Benzene	1.07E-08 30YrCancerDerived	*	1.07E-08 INHALATION
1194 ALL	486348.08	3675056.25	0.000241731	71432 Benzene	1.17E-08 30YrCancerDerived	*	1.17E-08 INHALATION
1195 ALL	486368.92	3675056.25	0.000266835	71432 Benzene	0.000000013 30YrCancerDerived	*	0.000000013 INHALATION
1196 ALL	486389.76	3675056.25	0.000282651	71432 Benzene	1.37E-08 30YrCancerDerived	*	1.37E-08 INHALATION
1197 ALL	486410.6	3675056.25	0.000291846	71432 Benzene	1.42E-08 30YrCancerDerived	*	1.42E-08 INHALATION
1198 ALL	486431.44	3675056.25	0.000309606	71432 Benzene	0.000000015 30YrCancerDerived	*	0.000000015 INHALATION
1199 ALL	486452.28	3675056.25	0.000324966	71432 Benzene	1.58E-08 30YrCancerDerived	*	1.58E-08 INHALATION
1200 ALL	486473.12	3675056.25	0.000341383	71432 Benzene	1.66E-08 30YrCancerDerived	*	1.66E-08 INHALATION
1201 ALL	486493.96	3675056.25	0.000370253	71432 Benzene	0.000000018 30YrCancerDerived	*	0.000000018 INHALATION
1202 ALL	486514.8	3675056.25	0.000402555	71432 Benzene	1.95E-08 30YrCancerDerived	*	1.95E-08 INHALATION
1203 ALL	485889.6	3675076.13	0.000173636	71432 Benzene	8.43E-09 30YrCancerDerived	*	8.43E-09 INHALATION
1204 ALL	485910.44	3675076.13	0.000194694	71432 Benzene	9.45E-09 30YrCancerDerived	*	9.45E-09 INHALATION
1205 ALL	485931.28	3675076.13	0.000230309	71432 Benzene	1.12E-08 30YrCancerDerived	*	1.12E-08 INHALATION
1206 ALL	485952.12	3675076.13	0.000266659	71432 Benzene	1.29E-08 30YrCancerDerived	*	1.29E-08 INHALATION
1207 ALL	485972.96	3675076.13	0.000230478	71432 Benzene	1.12E-08 30YrCancerDerived	*	1.12E-08 INHALATION
1208 ALL	485993.8	3675076.13	0.000198755	71432 Benzene	9.65E-09 30YrCancerDerived	*	9.65E-09 INHALATION
1209 ALL	486014.64	3675076.13	0.000191041	71432 Benzene	9.27E-09 30YrCancerDerived	*	9.27E-09 INHALATION
1210 ALL	486035.48	3675076.13	0.000189577	71432 Benzene	9.20E-09 30YrCancerDerived	*	9.20E-09 INHALATION
1211 ALL	486056.32	3675076.13	0.000187675	71432 Benzene	9.11E-09 30YrCancerDerived	*	9.11E-09 INHALATION
1212 ALL	486077.16	3675076.13	0.000185211	71432 Benzene	8.99E-09 30YrCancerDerived	*	8.99E-09 INHALATION
1213 ALL	486098	3675076.13	0.000180931	71432 Benzene	8.78E-09 30YrCancerDerived	*	8.78E-09 INHALATION
1214 ALL	486118.84	3675076.13	0.000180958	71432 Benzene	8.78E-09 30YrCancerDerived	*	8.78E-09 INHALATION
1215 ALL	486139.68	3675076.13	0.000180907	71432 Benzene	8.78E-09 30YrCancerDerived	*	8.78E-09 INHALATION
1216 ALL	486160.52	3675076.13	0.000179364	71432 Benzene	8.70E-09 30YrCancerDerived	*	8.70E-09 INHALATION
1217 ALL	486181.36	3675076.13	0.000181807	71432 Benzene	8.82E-09 30YrCancerDerived	*	8.82E-09 INHALATION
1218 ALL	486202.2	3675076.13	0.000185166	71432 Benzene	8.99E-09 30YrCancerDerived	*	8.99E-09 INHALATION
1219 ALL	486223.04	3675076.13	0.000188657	71432 Benzene	9.16E-09 30YrCancerDerived	*	9.16E-09 INHALATION
1220 ALL	486243.88	3675076.13	0.00019528	71432 Benzene	9.48E-09 30YrCancerDerived	*	9.48E-09 INHALATION
1221 ALL	486264.72	3675076.13	0.000203262	71432 Benzene	9.86E-09 30YrCancerDerived	*	9.86E-09 INHALATION

1222 ALL	486285.56	3675076.13	0.000212897	71432 Benzene	1.03E-08 30YrCancerDerived	*	1.03E-08 INHALATION
1223 ALL	486306.4	3675076.13	0.000224324	71432 Benzene	1.09E-08 30YrCancerDerived	*	1.09E-08 INHALATION
1224 ALL	486327.24	3675076.13	0.000235857	71432 Benzene	1.14E-08 30YrCancerDerived	*	1.14E-08 INHALATION
1225 ALL	486348.08	3675076.13	0.000250726	71432 Benzene	1.22E-08 30YrCancerDerived	*	1.22E-08 INHALATION
1226 ALL	486368.92	3675076.13	0.000255807	71432 Benzene	1.24E-08 30YrCancerDerived	*	1.24E-08 INHALATION
1227 ALL	486389.76	3675076.13	0.000262103	71432 Benzene	1.27E-08 30YrCancerDerived	*	1.27E-08 INHALATION
1228 ALL	486410.6	3675076.13	0.00026987	71432 Benzene	1.31E-08 30YrCancerDerived	*	1.31E-08 INHALATION
1229 ALL	486431.44	3675076.13	0.000280638	71432 Benzene	1.36E-08 30YrCancerDerived	*	1.36E-08 INHALATION
1230 ALL	486452.28	3675076.13	0.000293896	71432 Benzene	1.43E-08 30YrCancerDerived	*	1.43E-08 INHALATION
1231 ALL	486473.12	3675076.13	0.000309279	71432 Benzene	0.000000015 30YrCancerDerived	*	0.000000015 INHALATION
1232 ALL	486493.96	3675076.13	0.000329879	71432 Benzene	0.000000016 30YrCancerDerived	*	0.000000016 INHALATION
1233 ALL	486514.8	3675076.13	0.000356965	71432 Benzene	1.73E-08 30YrCancerDerived	*	1.73E-08 INHALATION
1234 ALL	485889.6	3675096.01	0.000173036	71432 Benzene	8.40E-09 30YrCancerDerived	*	8.40E-09 INHALATION
1235 ALL	485910.44	3675096.01	0.000197654	71432 Benzene	9.59E-09 30YrCancerDerived	*	9.59E-09 INHALATION
1236 ALL	485931.28	3675096.01	0.00024532	71432 Benzene	1.19E-08 30YrCancerDerived	*	1.19E-08 INHALATION
1237 ALL	485952.12	3675096.01	0.000295686	71432 Benzene	1.44E-08 30YrCancerDerived	*	1.44E-08 INHALATION
1238 ALL	485972.96	3675096.01	0.000244466	71432 Benzene	1.19E-08 30YrCancerDerived	*	1.19E-08 INHALATION
1239 ALL	485993.8	3675096.01	0.000202126	71432 Benzene	9.81E-09 30YrCancerDerived	*	9.81E-09 INHALATION
1240 ALL	486014.64	3675096.01	0.000191879	71432 Benzene	9.31E-09 30YrCancerDerived	*	9.31E-09 INHALATION
1241 ALL	486035.48	3675096.01	0.000193509	71432 Benzene	9.39E-09 30YrCancerDerived	*	9.39E-09 INHALATION
1242 ALL	486056.32	3675096.01	0.000195806	71432 Benzene	9.50E-09 30YrCancerDerived	*	9.50E-09 INHALATION
1243 ALL	486077.16	3675096.01	0.000195369	71432 Benzene	9.48E-09 30YrCancerDerived	*	9.48E-09 INHALATION
1244 ALL	486098	3675096.01	0.00018708	71432 Benzene	9.08E-09 30YrCancerDerived	*	9.08E-09 INHALATION
1245 ALL	486118.84	3675096.01	0.000177824	71432 Benzene	8.63E-09 30YrCancerDerived	*	8.63E-09 INHALATION
1246 ALL	486139.68	3675096.01	0.000175306	71432 Benzene	8.51E-09 30YrCancerDerived	*	8.51E-09 INHALATION
1247 ALL	486160.52	3675096.01	0.000174424	71432 Benzene	8.47E-09 30YrCancerDerived	*	8.47E-09 INHALATION
1248 ALL	486181.36	3675096.01	0.000176915	71432 Benzene	8.59E-09 30YrCancerDerived	*	8.59E-09 INHALATION
1249 ALL	486202.2	3675096.01	0.000181125	71432 Benzene	8.79E-09 30YrCancerDerived	*	8.79E-09 INHALATION
1250 ALL	486223.04	3675096.01	0.000187703	71432 Benzene	9.11E-09 30YrCancerDerived	*	9.11E-09 INHALATION
1251 ALL	486243.88	3675096.01	0.000196112	71432 Benzene	9.52E-09 30YrCancerDerived	*	9.52E-09 INHALATION
1252 ALL	486264.72	3675096.01	0.00020596	71432 Benzene	0.00000001 30YrCancerDerived	*	0.00000001 INHALATION
1253 ALL	486285.56	3675096.01	0.000217623	71432 Benzene	1.06E-08 30YrCancerDerived	*	1.06E-08 INHALATION
1254 ALL	486306.4	3675096.01	0.000230168	71432 Benzene	1.12E-08 30YrCancerDerived	*	1.12E-08 INHALATION
1255 ALL	486327.24	3675096.01	0.000233219	71432 Benzene	1.13E-08 30YrCancerDerived	*	1.13E-08 INHALATION
1256 ALL	486348.08	3675096.01	0.000233885	71432 Benzene	1.14E-08 30YrCancerDerived	*	1.14E-08 INHALATION

1257 ALL	486368.92	3675096.01	0.000235962	71432 Benzene	1.15E-08 30YrCancerDerived	*	1.15E-08 INHALATION
1258 ALL	486389.76	3675096.01	0.000240054	71432 Benzene	1.17E-08 30YrCancerDerived	*	1.17E-08 INHALATION
1259 ALL	486410.6	3675096.01	0.000245025	71432 Benzene	1.19E-08 30YrCancerDerived	*	1.19E-08 INHALATION
1260 ALL	486431.44	3675096.01	0.000251818	71432 Benzene	1.22E-08 30YrCancerDerived	*	1.22E-08 INHALATION
1261 ALL	486452.28	3675096.01	0.000263312	71432 Benzene	1.28E-08 30YrCancerDerived	*	1.28E-08 INHALATION
1262 ALL	486473.12	3675096.01	0.000276443	71432 Benzene	1.34E-08 30YrCancerDerived	*	1.34E-08 INHALATION
1263 ALL	486493.96	3675096.01	0.000292696	71432 Benzene	1.42E-08 30YrCancerDerived	*	1.42E-08 INHALATION
1264 ALL	486514.8	3675096.01	0.000315246	71432 Benzene	1.53E-08 30YrCancerDerived	*	1.53E-08 INHALATION
1265 ALL	485889.6	3675115.89	0.000178983	71432 Benzene	8.69E-09 30YrCancerDerived	*	8.69E-09 INHALATION
1266 ALL	485910.44	3675115.89	0.000198285	71432 Benzene	9.62E-09 30YrCancerDerived	*	9.62E-09 INHALATION
1267 ALL	485931.28	3675115.89	0.00024092	71432 Benzene	1.17E-08 30YrCancerDerived	*	1.17E-08 INHALATION
1268 ALL	485952.12	3675115.89	0.00033219	71432 Benzene	1.61E-08 30YrCancerDerived	*	1.61E-08 INHALATION
1269 ALL	485972.96	3675115.89	0.00030577	71432 Benzene	1.48E-08 30YrCancerDerived	*	1.48E-08 INHALATION
1270 ALL	485993.8	3675115.89	0.000242383	71432 Benzene	1.18E-08 30YrCancerDerived	*	1.18E-08 INHALATION
1271 ALL	486014.64	3675115.89	0.000219698	71432 Benzene	1.07E-08 30YrCancerDerived	*	1.07E-08 INHALATION
1272 ALL	486035.48	3675115.89	0.000213686	71432 Benzene	1.04E-08 30YrCancerDerived	*	1.04E-08 INHALATION
1273 ALL	486056.32	3675115.89	0.000213384	71432 Benzene	1.04E-08 30YrCancerDerived	*	1.04E-08 INHALATION
1274 ALL	486077.16	3675115.89	0.000207918	71432 Benzene	1.01E-08 30YrCancerDerived	*	1.01E-08 INHALATION
1275 ALL	486098	3675115.89	0.000194126	71432 Benzene	9.42E-09 30YrCancerDerived	*	9.42E-09 INHALATION
1276 ALL	486118.84	3675115.89	0.000181485	71432 Benzene	8.81E-09 30YrCancerDerived	*	8.81E-09 INHALATION
1277 ALL	486139.68	3675115.89	0.000175638	71432 Benzene	8.52E-09 30YrCancerDerived	*	8.52E-09 INHALATION
1278 ALL	486160.52	3675115.89	0.000174449	71432 Benzene	8.47E-09 30YrCancerDerived	*	8.47E-09 INHALATION
1279 ALL	486181.36	3675115.89	0.000175586	71432 Benzene	8.52E-09 30YrCancerDerived	*	8.52E-09 INHALATION
1280 ALL	486202.2	3675115.89	0.00017999	71432 Benzene	8.74E-09 30YrCancerDerived	*	8.74E-09 INHALATION
1281 ALL	486223.04	3675115.89	0.000189246	71432 Benzene	9.18E-09 30YrCancerDerived	*	9.18E-09 INHALATION
1282 ALL	486243.88	3675115.89	0.000197717	71432 Benzene	9.60E-09 30YrCancerDerived	*	9.60E-09 INHALATION
1283 ALL	486264.72	3675115.89	0.000205637	71432 Benzene	9.98E-09 30YrCancerDerived	*	9.98E-09 INHALATION
1284 ALL	486285.56	3675115.89	0.000210643	71432 Benzene	1.02E-08 30YrCancerDerived	*	1.02E-08 INHALATION
1285 ALL	486306.4	3675115.89	0.000217917	71432 Benzene	1.06E-08 30YrCancerDerived	*	1.06E-08 INHALATION
1286 ALL	486327.24	3675115.89	0.000220056	71432 Benzene	1.07E-08 30YrCancerDerived	*	1.07E-08 INHALATION
1287 ALL	486348.08	3675115.89	0.000219356	71432 Benzene	1.06E-08 30YrCancerDerived	*	1.06E-08 INHALATION
1288 ALL	486368.92	3675115.89	0.000218872	71432 Benzene	1.06E-08 30YrCancerDerived	*	1.06E-08 INHALATION
1289 ALL	486389.76	3675115.89	0.000220998	71432 Benzene	1.07E-08 30YrCancerDerived	*	1.07E-08 INHALATION
1290 ALL	486410.6	3675115.89	0.00022462	71432 Benzene	1.09E-08 30YrCancerDerived	*	1.09E-08 INHALATION
1291 ALL	486431.44	3675115.89	0.000232093	71432 Benzene	1.13E-08 30YrCancerDerived	*	1.13E-08 INHALATION

1292 ALL	486452.28	3675115.89	0.000241882	71432 Benzene	1.17E-08 30YrCancerDerived	*	1.17E-08 INHALATION
1293 ALL	486473.12	3675115.89	0.000253604	71432 Benzene	1.23E-08 30YrCancerDerived	*	1.23E-08 INHALATION
1294 ALL	486493.96	3675115.89	0.000270788	71432 Benzene	1.31E-08 30YrCancerDerived	*	1.31E-08 INHALATION
1295 ALL	486514.8	3675115.89	0.000292301	71432 Benzene	1.42E-08 30YrCancerDerived	*	1.42E-08 INHALATION
1296 ALL	485889.6	3675135.77	0.000175936	71432 Benzene	8.54E-09 30YrCancerDerived	*	8.54E-09 INHALATION
1297 ALL	485910.44	3675135.77	0.000211701	71432 Benzene	1.03E-08 30YrCancerDerived	*	1.03E-08 INHALATION
1298 ALL	485931.28	3675135.77	0.000258506	71432 Benzene	1.25E-08 30YrCancerDerived	*	1.25E-08 INHALATION
1299 ALL	485952.12	3675135.77	0.000330669	71432 Benzene	0.000000016 30YrCancerDerived	*	0.000000016 INHALATION
1300 ALL	485972.96	3675135.77	0.000438634	71432 Benzene	2.13E-08 30YrCancerDerived	*	2.13E-08 INHALATION
1301 ALL	485993.8	3675135.77	0.000352024	71432 Benzene	1.71E-08 30YrCancerDerived	*	1.71E-08 INHALATION
1302 ALL	486014.64	3675135.77	0.00029421	71432 Benzene	1.43E-08 30YrCancerDerived	*	1.43E-08 INHALATION
1303 ALL	486035.48	3675135.77	0.000253924	71432 Benzene	1.23E-08 30YrCancerDerived	*	1.23E-08 INHALATION
1304 ALL	486056.32	3675135.77	0.000225453	71432 Benzene	1.09E-08 30YrCancerDerived	*	1.09E-08 INHALATION
1305 ALL	486077.16	3675135.77	0.000207747	71432 Benzene	1.01E-08 30YrCancerDerived	*	1.01E-08 INHALATION
1306 ALL	486098	3675135.77	0.000190442	71432 Benzene	9.24E-09 30YrCancerDerived	*	9.24E-09 INHALATION
1307 ALL	486118.84	3675135.77	0.00017818	71432 Benzene	8.65E-09 30YrCancerDerived	*	8.65E-09 INHALATION
1308 ALL	486139.68	3675135.77	0.000173904	71432 Benzene	8.44E-09 30YrCancerDerived	*	8.44E-09 INHALATION
1309 ALL	486160.52	3675135.77	0.000173419	71432 Benzene	8.42E-09 30YrCancerDerived	*	8.42E-09 INHALATION
1310 ALL	486181.36	3675135.77	0.00017485	71432 Benzene	8.49E-09 30YrCancerDerived	*	8.49E-09 INHALATION
1311 ALL	486202.2	3675135.77	0.000179069	71432 Benzene	8.69E-09 30YrCancerDerived	*	8.69E-09 INHALATION
1312 ALL	486223.04	3675135.77	0.000188605	71432 Benzene	9.15E-09 30YrCancerDerived	*	9.15E-09 INHALATION
1313 ALL	486243.88	3675135.77	0.000194033	71432 Benzene	9.42E-09 30YrCancerDerived	*	9.42E-09 INHALATION
1314 ALL	486264.72	3675135.77	0.000195757	71432 Benzene	9.50E-09 30YrCancerDerived	*	9.50E-09 INHALATION
1315 ALL	486285.56	3675135.77	0.000199559	71432 Benzene	9.68E-09 30YrCancerDerived	*	9.68E-09 INHALATION
1316 ALL	486306.4	3675135.77	0.000205852	71432 Benzene	9.99E-09 30YrCancerDerived	*	9.99E-09 INHALATION
1317 ALL	486327.24	3675135.77	0.000208737	71432 Benzene	1.01E-08 30YrCancerDerived	*	1.01E-08 INHALATION
1318 ALL	486348.08	3675135.77	0.000207231	71432 Benzene	1.01E-08 30YrCancerDerived	*	1.01E-08 INHALATION
1319 ALL	486368.92	3675135.77	0.000206818	71432 Benzene	0.00000001 30YrCancerDerived	*	0.00000001 INHALATION
1320 ALL	486389.76	3675135.77	0.000208964	71432 Benzene	1.01E-08 30YrCancerDerived	*	1.01E-08 INHALATION
1321 ALL	486410.6	3675135.77	0.000213845	71432 Benzene	1.04E-08 30YrCancerDerived	*	1.04E-08 INHALATION
1322 ALL	486431.44	3675135.77	0.000223228	71432 Benzene	1.08E-08 30YrCancerDerived	*	1.08E-08 INHALATION
1323 ALL	486452.28	3675135.77	0.000234091	71432 Benzene	1.14E-08 30YrCancerDerived	*	1.14E-08 INHALATION
1324 ALL	486473.12	3675135.77	0.000250298	71432 Benzene	1.21E-08 30YrCancerDerived	*	1.21E-08 INHALATION
1325 ALL	486493.96	3675135.77	0.000267105	71432 Benzene	0.000000013 30YrCancerDerived	*	0.000000013 INHALATION
1326 ALL	486514.8	3675135.77	0.000292525	71432 Benzene	1.42E-08 30YrCancerDerived	*	1.42E-08 INHALATION

1327 ALL	486035.48	3675155.65	0.000259509	71432 Benzene	1.26E-08	30YrCancerDerived	*	1.26E-08	INHALATION
1328 ALL	486056.32	3675155.65	0.000226112	71432 Benzene	0.000000011	30YrCancerDerived	*	0.000000011	INHALATION
1329 ALL	486077.16	3675155.65	0.00020884	71432 Benzene	1.01E-08	30YrCancerDerived	*	1.01E-08	INHALATION
1330 ALL	486098	3675155.65	0.000191982	71432 Benzene	9.32E-09	30YrCancerDerived	*	9.32E-09	INHALATION
1331 ALL	486118.84	3675155.65	0.000180874	71432 Benzene	8.78E-09	30YrCancerDerived	*	8.78E-09	INHALATION
1332 ALL	486139.68	3675155.65	0.000176076	71432 Benzene	8.55E-09	30YrCancerDerived	*	8.55E-09	INHALATION
1333 ALL	486160.52	3675155.65	0.000174423	71432 Benzene	8.47E-09	30YrCancerDerived	*	8.47E-09	INHALATION
1334 ALL	486181.36	3675155.65	0.000174835	71432 Benzene	8.49E-09	30YrCancerDerived	*	8.49E-09	INHALATION
1335 ALL	486202.2	3675155.65	0.000176525	71432 Benzene	8.57E-09	30YrCancerDerived	*	8.57E-09	INHALATION
1336 ALL	486223.04	3675155.65	0.000181308	71432 Benzene	8.80E-09	30YrCancerDerived	*	8.80E-09	INHALATION
1337 ALL	486243.88	3675155.65	0.000186171	71432 Benzene	9.04E-09	30YrCancerDerived	*	9.04E-09	INHALATION
1338 ALL	486264.72	3675155.65	0.000186985	71432 Benzene	9.07E-09	30YrCancerDerived	*	9.07E-09	INHALATION
1339 ALL	486285.56	3675155.65	0.000190383	71432 Benzene	9.24E-09	30YrCancerDerived	*	9.24E-09	INHALATION
1340 ALL	486306.4	3675155.65	0.00019751	71432 Benzene	9.59E-09	30YrCancerDerived	*	9.59E-09	INHALATION
1341 ALL	486327.24	3675155.65	0.000202492	71432 Benzene	9.83E-09	30YrCancerDerived	*	9.83E-09	INHALATION
1342 ALL	486348.08	3675155.65	0.000202169	71432 Benzene	9.81E-09	30YrCancerDerived	*	9.81E-09	INHALATION
1343 ALL	486368.92	3675155.65	0.000202968	71432 Benzene	9.85E-09	30YrCancerDerived	*	9.85E-09	INHALATION
1344 ALL	486389.76	3675155.65	0.000205323	71432 Benzene	9.96E-09	30YrCancerDerived	*	9.96E-09	INHALATION
1345 ALL	486410.6	3675155.65	0.000213165	71432 Benzene	1.03E-08	30YrCancerDerived	*	1.03E-08	INHALATION
1346 ALL	486431.44	3675155.65	0.000225385	71432 Benzene	1.09E-08	30YrCancerDerived	*	1.09E-08	INHALATION
1347 ALL	486452.28	3675155.65	0.000239173	71432 Benzene	1.16E-08	30YrCancerDerived	*	1.16E-08	INHALATION
1348 ALL	486473.12	3675155.65	0.000255289	71432 Benzene	1.24E-08	30YrCancerDerived	*	1.24E-08	INHALATION
1349 ALL	486493.96	3675155.65	0.00027094	71432 Benzene	1.31E-08	30YrCancerDerived	*	1.31E-08	INHALATION
1350 ALL	486514.8	3675155.65	0.000303027	71432 Benzene	1.47E-08	30YrCancerDerived	*	1.47E-08	INHALATION
1351 ALL	486077.16	3675175.53	0.000218075	71432 Benzene	1.06E-08	30YrCancerDerived	*	1.06E-08	INHALATION
1352 ALL	486098	3675175.53	0.000198225	71432 Benzene	9.62E-09	30YrCancerDerived	*	9.62E-09	INHALATION
1353 ALL	486118.84	3675175.53	0.000185569	71432 Benzene	9.01E-09	30YrCancerDerived	*	9.01E-09	INHALATION
1354 ALL	486139.68	3675175.53	0.000180107	71432 Benzene	8.74E-09	30YrCancerDerived	*	8.74E-09	INHALATION
1355 ALL	486160.52	3675175.53	0.000174022	71432 Benzene	8.45E-09	30YrCancerDerived	*	8.45E-09	INHALATION
1356 ALL	486181.36	3675175.53	0.000173657	71432 Benzene	8.43E-09	30YrCancerDerived	*	8.43E-09	INHALATION
1357 ALL	486202.2	3675175.53	0.000173459	71432 Benzene	8.42E-09	30YrCancerDerived	*	8.42E-09	INHALATION
1358 ALL	486223.04	3675175.53	0.00017645	71432 Benzene	8.56E-09	30YrCancerDerived	*	8.56E-09	INHALATION
1359 ALL	486243.88	3675175.53	0.000179733	71432 Benzene	8.72E-09	30YrCancerDerived	*	8.72E-09	INHALATION
1360 ALL	486264.72	3675175.53	0.000181235	71432 Benzene	8.80E-09	30YrCancerDerived	*	8.80E-09	INHALATION
1361 ALL	486285.56	3675175.53	0.000185489	71432 Benzene	0.000000009	30YrCancerDerived	*	0.000000009	INHALATION

1362 ALL	486306.4	3675175.53	0.000192488	71432 Benzene	9.34E-09 30YrCancerDerived	*	9.34E-09 INHALATION
1363 ALL	486327.24	3675175.53	0.000197718	71432 Benzene	9.60E-09 30YrCancerDerived	*	9.60E-09 INHALATION
1364 ALL	486348.08	3675175.53	0.00020017	71432 Benzene	9.71E-09 30YrCancerDerived	*	9.71E-09 INHALATION
1365 ALL	486368.92	3675175.53	0.000203874	71432 Benzene	9.89E-09 30YrCancerDerived	*	9.89E-09 INHALATION
1366 ALL	486389.76	3675175.53	0.000209383	71432 Benzene	1.02E-08 30YrCancerDerived	*	1.02E-08 INHALATION
1367 ALL	486410.6	3675175.53	0.000218816	71432 Benzene	1.06E-08 30YrCancerDerived	*	1.06E-08 INHALATION
1368 ALL	486431.44	3675175.53	0.000232057	71432 Benzene	1.13E-08 30YrCancerDerived	*	1.13E-08 INHALATION
1369 ALL	486452.28	3675175.53	0.000246501	71432 Benzene	0.000000012 30YrCancerDerived	*	0.000000012 INHALATION
1370 ALL	486473.12	3675175.53	0.000263763	71432 Benzene	1.28E-08 30YrCancerDerived	*	1.28E-08 INHALATION
1371 ALL	486493.96	3675175.53	0.000283604	71432 Benzene	1.38E-08 30YrCancerDerived	*	1.38E-08 INHALATION
1372 ALL	486514.8	3675175.53	0.000317934	71432 Benzene	1.54E-08 30YrCancerDerived	*	1.54E-08 INHALATION
1373 ALL	486098	3675195.41	0.000195565	71432 Benzene	9.49E-09 30YrCancerDerived	*	9.49E-09 INHALATION
1374 ALL	486118.84	3675195.41	0.000184096	71432 Benzene	8.93E-09 30YrCancerDerived	*	8.93E-09 INHALATION
1375 ALL	486139.68	3675195.41	0.000177084	71432 Benzene	8.59E-09 30YrCancerDerived	*	8.59E-09 INHALATION
1376 ALL	486160.52	3675195.41	0.000172698	71432 Benzene	8.38E-09 30YrCancerDerived	*	8.38E-09 INHALATION
1377 ALL	486181.36	3675195.41	0.000171815	71432 Benzene	8.34E-09 30YrCancerDerived	*	8.34E-09 INHALATION
1378 ALL	486202.2	3675195.41	0.000171615	71432 Benzene	8.33E-09 30YrCancerDerived	*	8.33E-09 INHALATION
1379 ALL	486223.04	3675195.41	0.000171281	71432 Benzene	8.31E-09 30YrCancerDerived	*	8.31E-09 INHALATION
1380 ALL	486243.88	3675195.41	0.000173246	71432 Benzene	8.41E-09 30YrCancerDerived	*	8.41E-09 INHALATION
1381 ALL	486264.72	3675195.41	0.000176938	71432 Benzene	8.59E-09 30YrCancerDerived	*	8.59E-09 INHALATION
1382 ALL	486285.56	3675195.41	0.000183507	71432 Benzene	8.91E-09 30YrCancerDerived	*	8.91E-09 INHALATION
1383 ALL	486306.4	3675195.41	0.000190087	71432 Benzene	9.23E-09 30YrCancerDerived	*	9.23E-09 INHALATION
1384 ALL	486327.24	3675195.41	0.00019585	71432 Benzene	9.50E-09 30YrCancerDerived	*	9.50E-09 INHALATION
1385 ALL	486348.08	3675195.41	0.000200706	71432 Benzene	9.74E-09 30YrCancerDerived	*	9.74E-09 INHALATION
1386 ALL	486368.92	3675195.41	0.000206452	71432 Benzene	0.00000001 30YrCancerDerived	*	0.00000001 INHALATION
1387 ALL	486389.76	3675195.41	0.000213984	71432 Benzene	1.04E-08 30YrCancerDerived	*	1.04E-08 INHALATION
1388 ALL	486410.6	3675195.41	0.000225567	71432 Benzene	1.09E-08 30YrCancerDerived	*	1.09E-08 INHALATION
1389 ALL	486431.44	3675195.41	0.000239539	71432 Benzene	1.16E-08 30YrCancerDerived	*	1.16E-08 INHALATION
1390 ALL	486452.28	3675195.41	0.000257933	71432 Benzene	1.25E-08 30YrCancerDerived	*	1.25E-08 INHALATION
1391 ALL	486473.12	3675195.41	0.00027877	71432 Benzene	1.35E-08 30YrCancerDerived	*	1.35E-08 INHALATION
1392 ALL	486493.96	3675195.41	0.000309856	71432 Benzene	0.000000015 30YrCancerDerived	*	0.000000015 INHALATION
1393 ALL	486514.8	3675195.41	0.000360231	71432 Benzene	1.75E-08 30YrCancerDerived	*	1.75E-08 INHALATION
1394 ALL	486098	3675215.29	0.000195769	71432 Benzene	9.50E-09 30YrCancerDerived	*	9.50E-09 INHALATION
1395 ALL	486118.84	3675215.29	0.000180194	71432 Benzene	8.75E-09 30YrCancerDerived	*	8.75E-09 INHALATION
1396 ALL	486139.68	3675215.29	0.000170192	71432 Benzene	8.26E-09 30YrCancerDerived	*	8.26E-09 INHALATION

1397 ALL	486160.52	3675215.29	0.000167474	71432 Benzene	8.13E-09	30YrCancerDerived	*	8.13E-09	INHALATION
1398 ALL	486181.36	3675215.29	0.000168436	71432 Benzene	8.17E-09	30YrCancerDerived	*	8.17E-09	INHALATION
1399 ALL	486202.2	3675215.29	0.000168989	71432 Benzene	8.20E-09	30YrCancerDerived	*	8.20E-09	INHALATION
1400 ALL	486223.04	3675215.29	0.000169206	71432 Benzene	8.21E-09	30YrCancerDerived	*	8.21E-09	INHALATION
1401 ALL	486243.88	3675215.29	0.000172735	71432 Benzene	8.38E-09	30YrCancerDerived	*	8.38E-09	INHALATION
1402 ALL	486264.72	3675215.29	0.000177738	71432 Benzene	8.63E-09	30YrCancerDerived	*	8.63E-09	INHALATION
1403 ALL	486285.56	3675215.29	0.000184009	71432 Benzene	8.93E-09	30YrCancerDerived	*	8.93E-09	INHALATION
1404 ALL	486306.4	3675215.29	0.000190952	71432 Benzene	9.27E-09	30YrCancerDerived	*	9.27E-09	INHALATION
1405 ALL	486327.24	3675215.29	0.000198103	71432 Benzene	9.61E-09	30YrCancerDerived	*	9.61E-09	INHALATION
1406 ALL	486348.08	3675215.29	0.000204341	71432 Benzene	9.92E-09	30YrCancerDerived	*	9.92E-09	INHALATION
1407 ALL	486368.92	3675215.29	0.000211573	71432 Benzene	1.03E-08	30YrCancerDerived	*	1.03E-08	INHALATION
1408 ALL	486389.76	3675215.29	0.000221194	71432 Benzene	1.07E-08	30YrCancerDerived	*	1.07E-08	INHALATION
1409 ALL	486410.6	3675215.29	0.000234611	71432 Benzene	1.14E-08	30YrCancerDerived	*	1.14E-08	INHALATION
1410 ALL	486431.44	3675215.29	0.000253701	71432 Benzene	1.23E-08	30YrCancerDerived	*	1.23E-08	INHALATION
1411 ALL	486452.28	3675215.29	0.000273656	71432 Benzene	1.33E-08	30YrCancerDerived	*	1.33E-08	INHALATION
1412 ALL	486473.12	3675215.29	0.000300176	71432 Benzene	1.46E-08	30YrCancerDerived	*	1.46E-08	INHALATION
1413 ALL	486493.96	3675215.29	0.000347301	71432 Benzene	1.69E-08	30YrCancerDerived	*	1.69E-08	INHALATION
1414 ALL	486514.8	3675215.29	0.00041594	71432 Benzene	2.02E-08	30YrCancerDerived	*	2.02E-08	INHALATION
1415 ALL	486118.84	3675235.17	0.000178607	71432 Benzene	8.67E-09	30YrCancerDerived	*	8.67E-09	INHALATION
1416 ALL	486139.68	3675235.17	0.000171407	71432 Benzene	8.32E-09	30YrCancerDerived	*	8.32E-09	INHALATION
1417 ALL	486160.52	3675235.17	0.000167408	71432 Benzene	8.12E-09	30YrCancerDerived	*	8.12E-09	INHALATION
1418 ALL	486181.36	3675235.17	0.000166246	71432 Benzene	8.07E-09	30YrCancerDerived	*	8.07E-09	INHALATION
1419 ALL	486202.2	3675235.17	0.000166804	71432 Benzene	8.10E-09	30YrCancerDerived	*	8.10E-09	INHALATION
1420 ALL	486223.04	3675235.17	0.000170047	71432 Benzene	8.25E-09	30YrCancerDerived	*	8.25E-09	INHALATION
1421 ALL	486243.88	3675235.17	0.000175448	71432 Benzene	8.51E-09	30YrCancerDerived	*	8.51E-09	INHALATION
1422 ALL	486264.72	3675235.17	0.000180239	71432 Benzene	8.75E-09	30YrCancerDerived	*	8.75E-09	INHALATION
1423 ALL	486285.56	3675235.17	0.00018561	71432 Benzene	9.01E-09	30YrCancerDerived	*	9.01E-09	INHALATION
1424 ALL	486306.4	3675235.17	0.000193479	71432 Benzene	9.39E-09	30YrCancerDerived	*	9.39E-09	INHALATION
1425 ALL	486327.24	3675235.17	0.000202642	71432 Benzene	9.83E-09	30YrCancerDerived	*	9.83E-09	INHALATION
1426 ALL	486348.08	3675235.17	0.000210834	71432 Benzene	1.02E-08	30YrCancerDerived	*	1.02E-08	INHALATION
1427 ALL	486368.92	3675235.17	0.00021967	71432 Benzene	1.07E-08	30YrCancerDerived	*	1.07E-08	INHALATION
1428 ALL	486389.76	3675235.17	0.000233162	71432 Benzene	1.13E-08	30YrCancerDerived	*	1.13E-08	INHALATION
1429 ALL	486410.6	3675235.17	0.000251988	71432 Benzene	1.22E-08	30YrCancerDerived	*	1.22E-08	INHALATION
1430 ALL	486431.44	3675235.17	0.000274427	71432 Benzene	1.33E-08	30YrCancerDerived	*	1.33E-08	INHALATION
1431 ALL	486452.28	3675235.17	0.000301782	71432 Benzene	1.46E-08	30YrCancerDerived	*	1.46E-08	INHALATION

1432	ALL	486473.12	3675235.17	0.000345804	71432 Benzene	1.68E-08	30YrCancerDerived	*	1.68E-08	INHALATION
1433	ALL	486493.96	3675235.17	0.000392517	71432 Benzene	0.000000019	30YrCancerDerived	*	0.000000019	INHALATION
1434	ALL	486514.8	3675235.17	0.000434824	71432 Benzene	2.11E-08	30YrCancerDerived	*	2.11E-08	INHALATION
1435	ALL	486139.68	3675255.05	0.000175119	71432 Benzene	8.50E-09	30YrCancerDerived	*	8.50E-09	INHALATION
1436	ALL	486160.52	3675255.05	0.000171894	71432 Benzene	8.34E-09	30YrCancerDerived	*	8.34E-09	INHALATION
1437	ALL	486181.36	3675255.05	0.000169955	71432 Benzene	8.25E-09	30YrCancerDerived	*	8.25E-09	INHALATION
1438	ALL	486202.2	3675255.05	0.000168996	71432 Benzene	8.20E-09	30YrCancerDerived	*	8.20E-09	INHALATION
1439	ALL	486223.04	3675255.05	0.000173001	71432 Benzene	8.40E-09	30YrCancerDerived	*	8.40E-09	INHALATION
1440	ALL	486243.88	3675255.05	0.000178835	71432 Benzene	8.68E-09	30YrCancerDerived	*	8.68E-09	INHALATION
1441	ALL	486264.72	3675255.05	0.000183999	71432 Benzene	8.93E-09	30YrCancerDerived	*	8.93E-09	INHALATION
1442	ALL	486285.56	3675255.05	0.000189743	71432 Benzene	9.21E-09	30YrCancerDerived	*	9.21E-09	INHALATION
1443	ALL	486306.4	3675255.05	0.000197965	71432 Benzene	9.61E-09	30YrCancerDerived	*	9.61E-09	INHALATION
1444	ALL	486327.24	3675255.05	0.000207069	71432 Benzene	0.00000001	30YrCancerDerived	*	0.00000001	INHALATION
1445	ALL	486348.08	3675255.05	0.000216903	71432 Benzene	1.05E-08	30YrCancerDerived	*	1.05E-08	INHALATION
1446	ALL	486368.92	3675255.05	0.000229822	71432 Benzene	1.12E-08	30YrCancerDerived	*	1.12E-08	INHALATION
1447	ALL	486389.76	3675255.05	0.000243762	71432 Benzene	1.18E-08	30YrCancerDerived	*	1.18E-08	INHALATION
1448	ALL	486410.6	3675255.05	0.000258604	71432 Benzene	1.26E-08	30YrCancerDerived	*	1.26E-08	INHALATION
1449	ALL	486431.44	3675255.05	0.000279746	71432 Benzene	1.36E-08	30YrCancerDerived	*	1.36E-08	INHALATION
1450	ALL	486452.28	3675255.05	0.000302722	71432 Benzene	1.47E-08	30YrCancerDerived	*	1.47E-08	INHALATION
1451	ALL	486473.12	3675255.05	0.000325769	71432 Benzene	1.58E-08	30YrCancerDerived	*	1.58E-08	INHALATION
1452	ALL	486493.96	3675255.05	0.000348996	71432 Benzene	1.69E-08	30YrCancerDerived	*	1.69E-08	INHALATION
1453	ALL	486514.8	3675255.05	0.000358719	71432 Benzene	1.74E-08	30YrCancerDerived	*	1.74E-08	INHALATION
1454	ALL	486535.64	3675255.05	0.000369132	71432 Benzene	1.79E-08	30YrCancerDerived	*	1.79E-08	INHALATION
1455	ALL	486264.72	3675274.93	0.000189501	71432 Benzene	9.20E-09	30YrCancerDerived	*	9.20E-09	INHALATION
1456	ALL	486285.56	3675274.93	0.000194852	71432 Benzene	9.46E-09	30YrCancerDerived	*	9.46E-09	INHALATION
1457	ALL	486306.4	3675274.93	0.00019993	71432 Benzene	9.70E-09	30YrCancerDerived	*	9.70E-09	INHALATION
1458	ALL	486327.24	3675274.93	0.000208709	71432 Benzene	1.01E-08	30YrCancerDerived	*	1.01E-08	INHALATION
1459	ALL	486348.08	3675274.93	0.00021842	71432 Benzene	1.06E-08	30YrCancerDerived	*	1.06E-08	INHALATION
1460	ALL	486368.92	3675274.93	0.000227992	71432 Benzene	1.11E-08	30YrCancerDerived	*	1.11E-08	INHALATION
1461	ALL	486389.76	3675274.93	0.000236131	71432 Benzene	1.15E-08	30YrCancerDerived	*	1.15E-08	INHALATION
1462	ALL	486410.6	3675274.93	0.000244413	71432 Benzene	1.19E-08	30YrCancerDerived	*	1.19E-08	INHALATION
1463	ALL	486431.44	3675274.93	0.000257948	71432 Benzene	1.25E-08	30YrCancerDerived	*	1.25E-08	INHALATION
1464	ALL	486452.28	3675274.93	0.00027705	71432 Benzene	1.34E-08	30YrCancerDerived	*	1.34E-08	INHALATION
1465	ALL	486473.12	3675274.93	0.000294275	71432 Benzene	1.43E-08	30YrCancerDerived	*	1.43E-08	INHALATION
1466	ALL	486493.96	3675274.93	0.000307563	71432 Benzene	1.49E-08	30YrCancerDerived	*	1.49E-08	INHALATION

1467 ALL	486514.8	3675274.93	0.000318028	71432 Benzene	1.54E-08 30YrCancerDerived	*	1.54E-08 INHALATION
1468 ALL	486535.64	3675274.93	0.000330965	71432 Benzene	1.61E-08 30YrCancerDerived	*	1.61E-08 INHALATION
1469 ALL	486556.48	3675274.93	0.000349778	71432 Benzene	0.000000017 30YrCancerDerived	*	0.000000017 INHALATION
1470 ALL	486306.4	3675294.81	0.000199529	71432 Benzene	9.68E-09 30YrCancerDerived	*	9.68E-09 INHALATION
1471 ALL	486327.24	3675294.81	0.000206331	71432 Benzene	0.000000001 30YrCancerDerived	*	0.000000001 INHALATION
1472 ALL	486348.08	3675294.81	0.000214711	71432 Benzene	1.04E-08 30YrCancerDerived	*	1.04E-08 INHALATION
1473 ALL	486368.92	3675294.81	0.000222379	71432 Benzene	1.08E-08 30YrCancerDerived	*	1.08E-08 INHALATION
1474 ALL	486389.76	3675294.81	0.000227865	71432 Benzene	1.11E-08 30YrCancerDerived	*	1.11E-08 INHALATION
1475 ALL	486410.6	3675294.81	0.000233059	71432 Benzene	1.13E-08 30YrCancerDerived	*	1.13E-08 INHALATION
1476 ALL	486431.44	3675294.81	0.000242069	71432 Benzene	1.17E-08 30YrCancerDerived	*	1.17E-08 INHALATION
1477 ALL	486452.28	3675294.81	0.000256789	71432 Benzene	1.25E-08 30YrCancerDerived	*	1.25E-08 INHALATION
1478 ALL	486473.12	3675294.81	0.000270936	71432 Benzene	1.31E-08 30YrCancerDerived	*	1.31E-08 INHALATION
1479 ALL	486493.96	3675294.81	0.000280345	71432 Benzene	1.36E-08 30YrCancerDerived	*	1.36E-08 INHALATION
1480 ALL	486514.8	3675294.81	0.00029033	71432 Benzene	1.41E-08 30YrCancerDerived	*	1.41E-08 INHALATION
1481 ALL	486535.64	3675294.81	0.000301837	71432 Benzene	1.46E-08 30YrCancerDerived	*	1.46E-08 INHALATION
1482 ALL	486556.48	3675294.81	0.000317268	71432 Benzene	1.54E-08 30YrCancerDerived	*	1.54E-08 INHALATION
1483 ALL	486327.24	3675314.69	0.000201654	71432 Benzene	9.79E-09 30YrCancerDerived	*	9.79E-09 INHALATION
1484 ALL	486348.08	3675314.69	0.000209597	71432 Benzene	1.02E-08 30YrCancerDerived	*	1.02E-08 INHALATION
1485 ALL	486368.92	3675314.69	0.000216105	71432 Benzene	1.05E-08 30YrCancerDerived	*	1.05E-08 INHALATION
1486 ALL	486389.76	3675314.69	0.000219282	71432 Benzene	1.06E-08 30YrCancerDerived	*	1.06E-08 INHALATION
1487 ALL	486410.6	3675314.69	0.000221538	71432 Benzene	1.08E-08 30YrCancerDerived	*	1.08E-08 INHALATION
1488 ALL	486431.44	3675314.69	0.000230425	71432 Benzene	1.12E-08 30YrCancerDerived	*	1.12E-08 INHALATION
1489 ALL	486452.28	3675314.69	0.00024469	71432 Benzene	1.19E-08 30YrCancerDerived	*	1.19E-08 INHALATION
1490 ALL	486473.12	3675314.69	0.000257187	71432 Benzene	1.25E-08 30YrCancerDerived	*	1.25E-08 INHALATION
1491 ALL	486493.96	3675314.69	0.00026638	71432 Benzene	1.29E-08 30YrCancerDerived	*	1.29E-08 INHALATION
1492 ALL	486514.8	3675314.69	0.000276516	71432 Benzene	1.34E-08 30YrCancerDerived	*	1.34E-08 INHALATION
1493 ALL	486535.64	3675314.69	0.000288782	71432 Benzene	0.000000014 30YrCancerDerived	*	0.000000014 INHALATION
1494 ALL	486556.48	3675314.69	0.000303459	71432 Benzene	1.47E-08 30YrCancerDerived	*	1.47E-08 INHALATION
1495 ALL	486348.08	3675334.57	0.000205109	71432 Benzene	9.95E-09 30YrCancerDerived	*	9.95E-09 INHALATION
1496 ALL	486368.92	3675334.57	0.000210679	71432 Benzene	1.02E-08 30YrCancerDerived	*	1.02E-08 INHALATION
1497 ALL	486389.76	3675334.57	0.000214256	71432 Benzene	1.04E-08 30YrCancerDerived	*	1.04E-08 INHALATION
1498 ALL	486410.6	3675334.57	0.000216995	71432 Benzene	1.05E-08 30YrCancerDerived	*	1.05E-08 INHALATION
1499 ALL	486431.44	3675334.57	0.000224824	71432 Benzene	1.09E-08 30YrCancerDerived	*	1.09E-08 INHALATION
1500 ALL	486452.28	3675334.57	0.000235991	71432 Benzene	1.15E-08 30YrCancerDerived	*	1.15E-08 INHALATION
1501 ALL	486473.12	3675334.57	0.000243959	71432 Benzene	1.18E-08 30YrCancerDerived	*	1.18E-08 INHALATION

1502	ALL	486493.96	3675334.57	0.000254699	71432 Benzene	1.24E-08	30YrCancerDerived	*	1.24E-08	INHALATION
1503	ALL	486514.8	3675334.57	0.000267022	71432 Benzene	0.000000013	30YrCancerDerived	*	0.000000013	INHALATION
1504	ALL	486535.64	3675334.57	0.000282145	71432 Benzene	1.37E-08	30YrCancerDerived	*	1.37E-08	INHALATION
1505	ALL	486368.92	3675354.45	0.00020871	71432 Benzene	1.01E-08	30YrCancerDerived	*	1.01E-08	INHALATION
1506	ALL	486389.76	3675354.45	0.000212723	71432 Benzene	1.03E-08	30YrCancerDerived	*	1.03E-08	INHALATION
1507	ALL	486410.6	3675354.45	0.000219532	71432 Benzene	1.07E-08	30YrCancerDerived	*	1.07E-08	INHALATION
1508	ALL	486431.44	3675354.45	0.000225429	71432 Benzene	1.09E-08	30YrCancerDerived	*	1.09E-08	INHALATION
1509	ALL	486452.28	3675354.45	0.000231541	71432 Benzene	1.12E-08	30YrCancerDerived	*	1.12E-08	INHALATION
1510	ALL	486473.12	3675354.45	0.000239616	71432 Benzene	1.16E-08	30YrCancerDerived	*	1.16E-08	INHALATION
1511	ALL	486493.96	3675354.45	0.000250836	71432 Benzene	1.22E-08	30YrCancerDerived	*	1.22E-08	INHALATION
1512	ALL	486514.8	3675354.45	0.000266318	71432 Benzene	1.29E-08	30YrCancerDerived	*	1.29E-08	INHALATION
1513	ALL	486431.44	3675374.33	0.000226786	71432 Benzene	0.000000011	30YrCancerDerived	*	0.000000011	INHALATION
1514	ALL	486452.28	3675374.33	0.000232474	71432 Benzene	1.13E-08	30YrCancerDerived	*	1.13E-08	INHALATION
1515	ALL	486473.12	3675374.33	0.000240834	71432 Benzene	1.17E-08	30YrCancerDerived	*	1.17E-08	INHALATION
1516	ALL	487872.39	3673252.61	0.007403955	71432 Benzene	0.000000359	30YrCancerDerived	*	0.000000359	INHALATION
1517	ALL	487892.39	3673252.61	0.01480856	71432 Benzene	0.000000719	30YrCancerDerived	*	0.000000719	INHALATION
1518	ALL	487912.39	3673252.61	0.01985357	71432 Benzene	0.000000964	30YrCancerDerived	*	0.000000964	INHALATION
1519	ALL	487932.39	3673252.61	0.02630779	71432 Benzene	0.00000128	30YrCancerDerived	*	0.00000128	INHALATION
1521	ALL	487852.39	3673272.61	0.006063685	71432 Benzene	0.000000294	30YrCancerDerived	*	0.000000294	INHALATION
1522	ALL	487872.39	3673272.61	0.009687057	71432 Benzene	0.00000047	30YrCancerDerived	*	0.00000047	INHALATION
1523	ALL	487892.39	3673272.61	0.01646232	71432 Benzene	0.000000799	30YrCancerDerived	*	0.000000799	INHALATION
1524	ALL	487912.39	3673272.61	0.02014391	71432 Benzene	0.000000978	30YrCancerDerived	*	0.000000978	INHALATION
1525	ALL	487932.39	3673272.61	0.02497176	71432 Benzene	0.00000121	30YrCancerDerived	*	0.00000121	INHALATION
1528	ALL	487832.39	3673292.61	0.003909872	71432 Benzene	0.00000019	30YrCancerDerived	*	0.00000019	INHALATION
1529	ALL	487852.39	3673292.61	0.005635211	71432 Benzene	0.000000273	30YrCancerDerived	*	0.000000273	INHALATION
1530	ALL	487872.39	3673292.61	0.008281319	71432 Benzene	0.000000402	30YrCancerDerived	*	0.000000402	INHALATION
1531	ALL	487892.39	3673292.61	0.01259843	71432 Benzene	0.000000611	30YrCancerDerived	*	0.000000611	INHALATION
1532	ALL	487912.39	3673292.61	0.01745153	71432 Benzene	0.000000847	30YrCancerDerived	*	0.000000847	INHALATION
1533	ALL	487932.39	3673292.61	0.02245724	71432 Benzene	0.00000109	30YrCancerDerived	*	0.00000109	INHALATION
1538	ALL	487812.39	3673312.61	0.002018618	71432 Benzene	0.000000098	30YrCancerDerived	*	0.000000098	INHALATION
1539	ALL	487832.39	3673312.61	0.002631866	71432 Benzene	0.000000128	30YrCancerDerived	*	0.000000128	INHALATION
1540	ALL	487852.39	3673312.61	0.004112029	71432 Benzene	0.00000002	30YrCancerDerived	*	0.00000002	INHALATION
1541	ALL	487872.39	3673312.61	0.006640162	71432 Benzene	0.000000322	30YrCancerDerived	*	0.000000322	INHALATION
1542	ALL	487892.39	3673312.61	0.01026828	71432 Benzene	0.000000498	30YrCancerDerived	*	0.000000498	INHALATION
1543	ALL	487912.39	3673312.61	0.01532729	71432 Benzene	0.000000744	30YrCancerDerived	*	0.000000744	INHALATION

1544 ALL	487932.39	3673312.61	0.02012562	71432 Benzene	0.000000977	30YrCancerDerived	*	0.000000977	INHALATION
1545 ALL	487952.39	3673312.61	0.02325513	71432 Benzene	0.00000113	30YrCancerDerived	*	0.00000113	INHALATION
1549 ALL	487792.39	3673332.61	0.001081815	71432 Benzene	5.25E-08	30YrCancerDerived	*	5.25E-08	INHALATION
1550 ALL	487812.39	3673332.61	0.001292721	71432 Benzene	6.27E-08	30YrCancerDerived	*	6.27E-08	INHALATION
1551 ALL	487832.39	3673332.61	0.001826509	71432 Benzene	8.86E-08	30YrCancerDerived	*	8.86E-08	INHALATION
1552 ALL	487852.39	3673332.61	0.003190956	71432 Benzene	0.000000155	30YrCancerDerived	*	0.000000155	INHALATION
1553 ALL	487872.39	3673332.61	0.005861967	71432 Benzene	0.000000284	30YrCancerDerived	*	0.000000284	INHALATION
1554 ALL	487892.39	3673332.61	0.00861333	71432 Benzene	0.000000418	30YrCancerDerived	*	0.000000418	INHALATION
1555 ALL	487912.39	3673332.61	0.01287355	71432 Benzene	0.000000625	30YrCancerDerived	*	0.000000625	INHALATION
1556 ALL	487932.39	3673332.61	0.01688688	71432 Benzene	0.00000082	30YrCancerDerived	*	0.00000082	INHALATION
1557 ALL	487952.39	3673332.61	0.01867839	71432 Benzene	0.000000906	30YrCancerDerived	*	0.000000906	INHALATION
1558 ALL	487972.39	3673332.61	0.02169241	71432 Benzene	0.00000105	30YrCancerDerived	*	0.00000105	INHALATION
1561 ALL	487772.39	3673352.61	0.000799228	71432 Benzene	3.88E-08	30YrCancerDerived	*	3.88E-08	INHALATION
1562 ALL	487792.39	3673352.61	0.000838914	71432 Benzene	4.07E-08	30YrCancerDerived	*	4.07E-08	INHALATION
1563 ALL	487812.39	3673352.61	0.001042225	71432 Benzene	5.06E-08	30YrCancerDerived	*	5.06E-08	INHALATION
1564 ALL	487832.39	3673352.61	0.001502419	71432 Benzene	7.29E-08	30YrCancerDerived	*	7.29E-08	INHALATION
1565 ALL	487852.39	3673352.61	0.002521227	71432 Benzene	0.000000122	30YrCancerDerived	*	0.000000122	INHALATION
1566 ALL	487872.39	3673352.61	0.005072311	71432 Benzene	0.000000246	30YrCancerDerived	*	0.000000246	INHALATION
1567 ALL	487892.39	3673352.61	0.007453598	71432 Benzene	0.000000362	30YrCancerDerived	*	0.000000362	INHALATION
1568 ALL	487912.39	3673352.61	0.009759832	71432 Benzene	0.000000474	30YrCancerDerived	*	0.000000474	INHALATION
1569 ALL	487932.39	3673352.61	0.01260222	71432 Benzene	0.000000612	30YrCancerDerived	*	0.000000612	INHALATION
1570 ALL	487952.39	3673352.61	0.01475423	71432 Benzene	0.000000716	30YrCancerDerived	*	0.000000716	INHALATION
1571 ALL	487972.39	3673352.61	0.01744719	71432 Benzene	0.000000847	30YrCancerDerived	*	0.000000847	INHALATION
1572 ALL	487992.39	3673352.61	0.02096895	71432 Benzene	0.00000102	30YrCancerDerived	*	0.00000102	INHALATION
1573 ALL	488012.39	3673352.61	0.02335438	71432 Benzene	0.00000113	30YrCancerDerived	*	0.00000113	INHALATION
1574 ALL	487724.34	3673332.79	0.000705118	71432 Benzene	3.42E-08	30YrCancerDerived	*	3.42E-08	INHALATION
1575 ALL	487792.39	3673372.61	0.000791521	71432 Benzene	3.84E-08	30YrCancerDerived	*	3.84E-08	INHALATION
1576 ALL	487812.39	3673372.61	0.00099331	71432 Benzene	4.82E-08	30YrCancerDerived	*	4.82E-08	INHALATION
1577 ALL	487832.39	3673372.61	0.001407658	71432 Benzene	6.83E-08	30YrCancerDerived	*	6.83E-08	INHALATION
1578 ALL	487852.39	3673372.61	0.002182385	71432 Benzene	0.000000106	30YrCancerDerived	*	0.000000106	INHALATION
1579 ALL	487872.39	3673372.61	0.004077945	71432 Benzene	0.000000198	30YrCancerDerived	*	0.000000198	INHALATION
1580 ALL	487892.39	3673372.61	0.006506758	71432 Benzene	0.000000316	30YrCancerDerived	*	0.000000316	INHALATION
1581 ALL	487912.39	3673372.61	0.007934718	71432 Benzene	0.000000385	30YrCancerDerived	*	0.000000385	INHALATION
1582 ALL	487932.39	3673372.61	0.01011446	71432 Benzene	0.000000491	30YrCancerDerived	*	0.000000491	INHALATION
1583 ALL	487952.39	3673372.61	0.0120164	71432 Benzene	0.000000583	30YrCancerDerived	*	0.000000583	INHALATION

1584 ALL	487972.39	3673372.61	0.01400276	71432 Benzene	0.00000068	30YrCancerDerived	*	0.00000068	INHALATION
1585 ALL	487992.39	3673372.61	0.01505912	71432 Benzene	0.000000731	30YrCancerDerived	*	0.000000731	INHALATION
1586 ALL	487724.34	3673352.79	0.000742697	71432 Benzene	0.000000036	30YrCancerDerived	*	0.000000036	INHALATION
1587 ALL	487744.34	3673352.79	0.000793108	71432 Benzene	3.85E-08	30YrCancerDerived	*	3.85E-08	INHALATION
1588 ALL	487812.39	3673392.61	0.001098235	71432 Benzene	5.33E-08	30YrCancerDerived	*	5.33E-08	INHALATION
1589 ALL	487832.39	3673392.61	0.001398486	71432 Benzene	6.79E-08	30YrCancerDerived	*	6.79E-08	INHALATION
1590 ALL	487852.39	3673392.61	0.002145377	71432 Benzene	0.000000104	30YrCancerDerived	*	0.000000104	INHALATION
1591 ALL	487872.39	3673392.61	0.003722218	71432 Benzene	0.000000181	30YrCancerDerived	*	0.000000181	INHALATION
1592 ALL	487892.39	3673392.61	0.006155058	71432 Benzene	0.000000299	30YrCancerDerived	*	0.000000299	INHALATION
1593 ALL	487912.39	3673392.61	0.008035828	71432 Benzene	0.000000039	30YrCancerDerived	*	0.000000039	INHALATION
1594 ALL	487932.39	3673392.61	0.009739465	71432 Benzene	0.000000473	30YrCancerDerived	*	0.000000473	INHALATION
1595 ALL	487952.39	3673392.61	0.01082089	71432 Benzene	0.000000525	30YrCancerDerived	*	0.000000525	INHALATION
1596 ALL	487972.39	3673392.61	0.01130406	71432 Benzene	0.000000549	30YrCancerDerived	*	0.000000549	INHALATION
1597 ALL	487992.39	3673392.61	0.009860465	71432 Benzene	0.000000479	30YrCancerDerived	*	0.000000479	INHALATION
1598 ALL	487724.34	3673372.79	0.000999939	71432 Benzene	4.85E-08	30YrCancerDerived	*	4.85E-08	INHALATION
1599 ALL	487744.34	3673372.79	0.000983407	71432 Benzene	4.77E-08	30YrCancerDerived	*	4.77E-08	INHALATION
1600 ALL	487852.39	3673412.61	0.002389193	71432 Benzene	0.000000116	30YrCancerDerived	*	0.000000116	INHALATION
1601 ALL	487872.39	3673412.61	0.00424107	71432 Benzene	0.000000206	30YrCancerDerived	*	0.000000206	INHALATION
1602 ALL	487892.39	3673412.61	0.007948244	71432 Benzene	0.000000386	30YrCancerDerived	*	0.000000386	INHALATION
1603 ALL	487912.39	3673412.61	0.01538565	71432 Benzene	0.000000747	30YrCancerDerived	*	0.000000747	INHALATION
1604 ALL	487932.39	3673412.61	0.01265098	71432 Benzene	0.000000614	30YrCancerDerived	*	0.000000614	INHALATION
1605 ALL	487952.39	3673412.61	0.01104233	71432 Benzene	0.000000536	30YrCancerDerived	*	0.000000536	INHALATION
1606 ALL	487972.39	3673412.61	0.009853444	71432 Benzene	0.000000478	30YrCancerDerived	*	0.000000478	INHALATION
1607 ALL	487992.39	3673412.61	0.008387567	71432 Benzene	0.000000407	30YrCancerDerived	*	0.000000407	INHALATION
1608 ALL	487724.34	3673392.79	0.00141031	71432 Benzene	6.84E-08	30YrCancerDerived	*	6.84E-08	INHALATION
1609 ALL	487744.34	3673392.79	0.001217914	71432 Benzene	5.91E-08	30YrCancerDerived	*	5.91E-08	INHALATION
1610 ALL	487872.39	3673432.61	0.007307276	71432 Benzene	0.000000355	30YrCancerDerived	*	0.000000355	INHALATION
1611 ALL	487892.39	3673432.61	0.01641181	71432 Benzene	0.000000796	30YrCancerDerived	*	0.000000796	INHALATION
1612 ALL	487912.39	3673432.61	0.03173782	71432 Benzene	0.00000154	30YrCancerDerived	*	0.00000154	INHALATION
1613 ALL	487932.39	3673432.61	0.01968539	71432 Benzene	0.000000955	30YrCancerDerived	*	0.000000955	INHALATION
1614 ALL	487952.39	3673432.61	0.01456327	71432 Benzene	0.000000707	30YrCancerDerived	*	0.000000707	INHALATION
1615 ALL	487972.39	3673432.61	0.01176952	71432 Benzene	0.000000571	30YrCancerDerived	*	0.000000571	INHALATION
1616 ALL	487724.34	3673412.79	0.001680235	71432 Benzene	8.15E-08	30YrCancerDerived	*	8.15E-08	INHALATION
1617 ALL	487744.34	3673412.79	0.001488247	71432 Benzene	7.22E-08	30YrCancerDerived	*	7.22E-08	INHALATION
1618 ALL	487912.39	3673452.61	0.04425525	71432 Benzene	0.00000215	30YrCancerDerived	*	0.00000215	INHALATION

1619 ALL	487932.39	3673452.61	0.03895749	71432 Benzene	0.00000189	30YrCancerDerived	*	0.00000189	INHALATION
1620 ALL	487952.39	3673452.61	0.03126905	71432 Benzene	0.00000152	30YrCancerDerived	*	0.00000152	INHALATION
1621 ALL	487972.39	3673452.61	0.01757989	71432 Benzene	0.000000853	30YrCancerDerived	*	0.000000853	INHALATION
1622 ALL	487724.34	3673432.79	0.002219541	71432 Benzene	0.000000108	30YrCancerDerived	*	0.000000108	INHALATION
1623 ALL	487744.34	3673432.79	0.001746414	71432 Benzene	8.48E-08	30YrCancerDerived	*	8.48E-08	INHALATION
1624 ALL	487932.39	3673472.61	0.05158973	71432 Benzene	0.0000025	30YrCancerDerived	*	0.0000025	INHALATION
1625 ALL	487952.39	3673472.61	0.05322822	71432 Benzene	0.00000258	30YrCancerDerived	*	0.00000258	INHALATION
1626 ALL	487724.34	3673452.79	0.003159506	71432 Benzene	0.000000153	30YrCancerDerived	*	0.000000153	INHALATION
1627 ALL	487744.34	3673452.79	0.002190712	71432 Benzene	0.000000106	30YrCancerDerived	*	0.000000106	INHALATION
1628 ALL	487724.34	3673472.79	0.004870159	71432 Benzene	0.000000236	30YrCancerDerived	*	0.000000236	INHALATION
1629 ALL	487724.34	3673492.79	0.009145842	71432 Benzene	0.000000444	30YrCancerDerived	*	0.000000444	INHALATION
1630 ALL	487744.36	3673445.97	0.002008226	71432 Benzene	9.75E-08	30YrCancerDerived	*	9.75E-08	INHALATION
1631 ALL	487765.2	3673445.97	0.00187681	71432 Benzene	9.11E-08	30YrCancerDerived	*	9.11E-08	INHALATION
1632 ALL	487786.04	3673445.97	0.002179685	71432 Benzene	0.000000106	30YrCancerDerived	*	0.000000106	INHALATION
1633 ALL	487723.52	3673465.85	0.004287808	71432 Benzene	0.000000208	30YrCancerDerived	*	0.000000208	INHALATION
1634 ALL	487744.36	3673465.85	0.002873623	71432 Benzene	0.000000139	30YrCancerDerived	*	0.000000139	INHALATION
1635 ALL	487765.2	3673465.85	0.002821593	71432 Benzene	0.000000137	30YrCancerDerived	*	0.000000137	INHALATION
1636 ALL	487786.04	3673465.85	0.003835794	71432 Benzene	0.000000186	30YrCancerDerived	*	0.000000186	INHALATION
1637 ALL	487806.88	3673465.85	0.005596814	71432 Benzene	0.000000272	30YrCancerDerived	*	0.000000272	INHALATION
1638 ALL	487723.52	3673485.73	0.007149017	71432 Benzene	0.000000347	30YrCancerDerived	*	0.000000347	INHALATION
1639 ALL	487744.36	3673485.73	0.004836171	71432 Benzene	0.000000235	30YrCancerDerived	*	0.000000235	INHALATION
1640 ALL	487765.2	3673485.73	0.004571436	71432 Benzene	0.000000222	30YrCancerDerived	*	0.000000222	INHALATION
1641 ALL	487786.04	3673485.73	0.00629915	71432 Benzene	0.000000306	30YrCancerDerived	*	0.000000306	INHALATION
1642 ALL	487806.88	3673485.73	0.01026368	71432 Benzene	0.000000498	30YrCancerDerived	*	0.000000498	INHALATION
1643 ALL	487827.72	3673485.73	0.01740136	71432 Benzene	0.000000845	30YrCancerDerived	*	0.000000845	INHALATION
1644 ALL	487848.56	3673485.73	0.02764432	71432 Benzene	0.00000134	30YrCancerDerived	*	0.00000134	INHALATION
1645 ALL	487723.52	3673505.61	0.01194502	71432 Benzene	0.000000058	30YrCancerDerived	*	0.000000058	INHALATION
1646 ALL	487744.36	3673505.61	0.01034853	71432 Benzene	0.000000502	30YrCancerDerived	*	0.000000502	INHALATION
1647 ALL	487765.2	3673505.61	0.007834437	71432 Benzene	0.000000038	30YrCancerDerived	*	0.000000038	INHALATION
1648 ALL	487786.04	3673505.61	0.009941827	71432 Benzene	0.000000482	30YrCancerDerived	*	0.000000482	INHALATION
1649 ALL	487806.88	3673505.61	0.01461947	71432 Benzene	0.000000071	30YrCancerDerived	*	0.000000071	INHALATION
1650 ALL	487827.72	3673505.61	0.02092608	71432 Benzene	0.00000102	30YrCancerDerived	*	0.00000102	INHALATION
1651 ALL	487848.56	3673505.61	0.03077418	71432 Benzene	0.00000149	30YrCancerDerived	*	0.00000149	INHALATION
1652 ALL	487869.4	3673505.61	0.03734717	71432 Benzene	0.00000181	30YrCancerDerived	*	0.00000181	INHALATION
1653 ALL	487744.36	3673525.49	0.01312164	71432 Benzene	0.000000637	30YrCancerDerived	*	0.000000637	INHALATION

1654 ALL	487765.2	3673525.49	0.01098815	71432 Benzene	0.000000533	30YrCancerDerived	*	0.000000533	INHALATION
1655 ALL	487786.04	3673525.49	0.01046988	71432 Benzene	0.000000508	30YrCancerDerived	*	0.000000508	INHALATION
1656 ALL	487806.88	3673525.49	0.01374391	71432 Benzene	0.000000667	30YrCancerDerived	*	0.000000667	INHALATION
1657 ALL	487827.72	3673525.49	0.01797464	71432 Benzene	0.000000872	30YrCancerDerived	*	0.000000872	INHALATION
1658 ALL	487848.56	3673525.49	0.02400417	71432 Benzene	0.00000117	30YrCancerDerived	*	0.00000117	INHALATION
1659 ALL	487869.4	3673525.49	0.0337018	71432 Benzene	0.00000164	30YrCancerDerived	*	0.00000164	INHALATION
1660 ALL	487890.24	3673525.49	0.04281141	71432 Benzene	0.00000208	30YrCancerDerived	*	0.00000208	INHALATION
1661 ALL	487911.08	3673525.49	0.05140158	71432 Benzene	0.00000249	30YrCancerDerived	*	0.00000249	INHALATION
1662 ALL	487744.36	3673545.37	0.01307649	71432 Benzene	0.000000635	30YrCancerDerived	*	0.000000635	INHALATION
1663 ALL	487765.2	3673545.37	0.01174273	71432 Benzene	0.00000057	30YrCancerDerived	*	0.00000057	INHALATION
1664 ALL	487786.04	3673545.37	0.008408812	71432 Benzene	0.000000408	30YrCancerDerived	*	0.000000408	INHALATION
1665 ALL	487806.88	3673545.37	0.008827249	71432 Benzene	0.000000428	30YrCancerDerived	*	0.000000428	INHALATION
1666 ALL	487827.72	3673545.37	0.009834819	71432 Benzene	0.000000477	30YrCancerDerived	*	0.000000477	INHALATION
1667 ALL	487848.56	3673545.37	0.01313891	71432 Benzene	0.000000638	30YrCancerDerived	*	0.000000638	INHALATION
1668 ALL	487869.4	3673545.37	0.02184227	71432 Benzene	0.00000106	30YrCancerDerived	*	0.00000106	INHALATION
1669 ALL	487890.24	3673545.37	0.03724757	71432 Benzene	0.00000181	30YrCancerDerived	*	0.00000181	INHALATION
1670 ALL	487911.08	3673545.37	0.04941747	71432 Benzene	0.0000024	30YrCancerDerived	*	0.0000024	INHALATION
1671 ALL	487931.92	3673545.37	0.05855782	71432 Benzene	0.00000284	30YrCancerDerived	*	0.00000284	INHALATION
1672 ALL	487744.36	3673565.25	0.01399979	71432 Benzene	0.000000679	30YrCancerDerived	*	0.000000679	INHALATION
1673 ALL	487765.2	3673565.25	0.01227263	71432 Benzene	0.000000596	30YrCancerDerived	*	0.000000596	INHALATION
1674 ALL	487786.04	3673565.25	0.007449169	71432 Benzene	0.000000362	30YrCancerDerived	*	0.000000362	INHALATION
1675 ALL	487806.88	3673565.25	0.005376216	71432 Benzene	0.000000261	30YrCancerDerived	*	0.000000261	INHALATION
1676 ALL	487827.72	3673565.25	0.004469575	71432 Benzene	0.000000217	30YrCancerDerived	*	0.000000217	INHALATION
1677 ALL	487848.56	3673565.25	0.005065953	71432 Benzene	0.000000246	30YrCancerDerived	*	0.000000246	INHALATION
1678 ALL	487869.4	3673565.25	0.009434937	71432 Benzene	0.000000458	30YrCancerDerived	*	0.000000458	INHALATION
1679 ALL	487890.24	3673565.25	0.0238577	71432 Benzene	0.00000116	30YrCancerDerived	*	0.00000116	INHALATION
1680 ALL	487911.08	3673565.25	0.04182445	71432 Benzene	0.00000203	30YrCancerDerived	*	0.00000203	INHALATION
1681 ALL	487765.2	3673585.13	0.0134144	71432 Benzene	0.000000651	30YrCancerDerived	*	0.000000651	INHALATION
1682 ALL	487786.04	3673585.13	0.006532258	71432 Benzene	0.000000317	30YrCancerDerived	*	0.000000317	INHALATION
1683 ALL	487806.88	3673585.13	0.004117467	71432 Benzene	0.0000002	30YrCancerDerived	*	0.0000002	INHALATION
1684 ALL	487827.72	3673585.13	0.003231264	71432 Benzene	0.000000157	30YrCancerDerived	*	0.000000157	INHALATION
1685 ALL	487848.56	3673585.13	0.003666343	71432 Benzene	0.000000178	30YrCancerDerived	*	0.000000178	INHALATION
1686 ALL	487869.4	3673585.13	0.006391679	71432 Benzene	0.00000031	30YrCancerDerived	*	0.00000031	INHALATION
1687 ALL	487890.24	3673585.13	0.01638382	71432 Benzene	0.000000795	30YrCancerDerived	*	0.000000795	INHALATION
1688 ALL	487911.08	3673585.13	0.03078321	71432 Benzene	0.00000149	30YrCancerDerived	*	0.00000149	INHALATION

1689 ALL	487786.04	3673605.01	0.006937775	71432 Benzene	0.000000337	30YrCancerDerived	*	0.000000337	INHALATION
1690 ALL	487806.88	3673605.01	0.003699872	71432 Benzene	0.00000018	30YrCancerDerived	*	0.00000018	INHALATION
1691 ALL	487827.72	3673605.01	0.003432458	71432 Benzene	0.000000167	30YrCancerDerived	*	0.000000167	INHALATION
1692 ALL	487848.56	3673605.01	0.004012656	71432 Benzene	0.000000195	30YrCancerDerived	*	0.000000195	INHALATION
1693 ALL	487869.4	3673605.01	0.00827247	71432 Benzene	0.000000401	30YrCancerDerived	*	0.000000401	INHALATION
1694 ALL	487890.24	3673605.01	0.01725246	71432 Benzene	0.000000837	30YrCancerDerived	*	0.000000837	INHALATION
1 ALL	487640.16	3673346.57	0.0000776	100414 Ethyl Benzene	3.28E-10	30YrCancerDerived	*	3.28E-10	INHALATION
2 ALL	487661	3673346.57	0.0000842	100414 Ethyl Benzene	3.56E-10	30YrCancerDerived	*	3.56E-10	INHALATION
3 ALL	487681.84	3673346.57	0.0000932	100414 Ethyl Benzene	3.93E-10	30YrCancerDerived	*	3.93E-10	INHALATION
4 ALL	487702.68	3673346.57	0.000104125	100414 Ethyl Benzene	4.40E-10	30YrCancerDerived	*	4.40E-10	INHALATION
5 ALL	487723.52	3673346.57	0.000116965	100414 Ethyl Benzene	4.94E-10	30YrCancerDerived	*	4.94E-10	INHALATION
6 ALL	487598.48	3673366.45	0.0000617	100414 Ethyl Benzene	2.60E-10	30YrCancerDerived	*	2.60E-10	INHALATION
7 ALL	487619.32	3673366.45	0.0000754	100414 Ethyl Benzene	3.18E-10	30YrCancerDerived	*	3.18E-10	INHALATION
8 ALL	487640.16	3673366.45	0.00010507	100414 Ethyl Benzene	4.44E-10	30YrCancerDerived	*	4.44E-10	INHALATION
9 ALL	487661	3673366.45	0.000124285	100414 Ethyl Benzene	5.25E-10	30YrCancerDerived	*	5.25E-10	INHALATION
10 ALL	487681.84	3673366.45	0.00013439	100414 Ethyl Benzene	5.67E-10	30YrCancerDerived	*	5.67E-10	INHALATION
11 ALL	487702.68	3673366.45	0.000151872	100414 Ethyl Benzene	6.41E-10	30YrCancerDerived	*	6.41E-10	INHALATION
12 ALL	487723.52	3673366.45	0.000151315	100414 Ethyl Benzene	6.39E-10	30YrCancerDerived	*	6.39E-10	INHALATION
13 ALL	487577.64	3673386.33	0.0000622	100414 Ethyl Benzene	2.63E-10	30YrCancerDerived	*	2.63E-10	INHALATION
14 ALL	487598.48	3673386.33	0.0000694	100414 Ethyl Benzene	2.93E-10	30YrCancerDerived	*	2.93E-10	INHALATION
15 ALL	487619.32	3673386.33	0.0000892	100414 Ethyl Benzene	3.77E-10	30YrCancerDerived	*	3.77E-10	INHALATION
16 ALL	487640.16	3673386.33	0.000132846	100414 Ethyl Benzene	5.61E-10	30YrCancerDerived	*	5.61E-10	INHALATION
17 ALL	487661	3673386.33	0.00018987	100414 Ethyl Benzene	8.02E-10	30YrCancerDerived	*	8.02E-10	INHALATION
18 ALL	487681.84	3673386.33	0.000224402	100414 Ethyl Benzene	9.47E-10	30YrCancerDerived	*	9.47E-10	INHALATION
19 ALL	487702.68	3673386.33	0.000235684	100414 Ethyl Benzene	9.95E-10	30YrCancerDerived	*	9.95E-10	INHALATION
20 ALL	487723.52	3673386.33	0.000231083	100414 Ethyl Benzene	9.76E-10	30YrCancerDerived	*	9.76E-10	INHALATION
21 ALL	487473.44	3673406.21	0.0000396	100414 Ethyl Benzene	1.67E-10	30YrCancerDerived	*	1.67E-10	INHALATION
22 ALL	487494.28	3673406.21	0.0000435	100414 Ethyl Benzene	1.84E-10	30YrCancerDerived	*	1.84E-10	INHALATION
23 ALL	487515.12	3673406.21	0.0000469	100414 Ethyl Benzene	1.98E-10	30YrCancerDerived	*	1.98E-10	INHALATION
24 ALL	487535.96	3673406.21	0.0000513	100414 Ethyl Benzene	2.17E-10	30YrCancerDerived	*	2.17E-10	INHALATION
25 ALL	487556.8	3673406.21	0.0000587	100414 Ethyl Benzene	2.48E-10	30YrCancerDerived	*	2.48E-10	INHALATION
26 ALL	487577.64	3673406.21	0.0000731	100414 Ethyl Benzene	3.09E-10	30YrCancerDerived	*	3.09E-10	INHALATION
27 ALL	487598.48	3673406.21	0.0000959	100414 Ethyl Benzene	4.05E-10	30YrCancerDerived	*	4.05E-10	INHALATION
28 ALL	487619.32	3673406.21	0.000138734	100414 Ethyl Benzene	5.86E-10	30YrCancerDerived	*	5.86E-10	INHALATION
29 ALL	487640.16	3673406.21	0.000212356	100414 Ethyl Benzene	8.97E-10	30YrCancerDerived	*	8.97E-10	INHALATION

30 ALL	487661	3673406.21	0.000287409	100414 Ethyl Benzene	1.21E-09 30YrCancerDerived	*	1.21E-09 INHALATION
31 ALL	487681.84	3673406.21	0.00031738	100414 Ethyl Benzene	1.34E-09 30YrCancerDerived	*	1.34E-09 INHALATION
32 ALL	487702.68	3673406.21	0.000303471	100414 Ethyl Benzene	1.28E-09 30YrCancerDerived	*	1.28E-09 INHALATION
33 ALL	487723.52	3673406.21	0.000271448	100414 Ethyl Benzene	1.15E-09 30YrCancerDerived	*	1.15E-09 INHALATION
34 ALL	487431.76	3673426.09	0.0000352	100414 Ethyl Benzene	1.49E-10 30YrCancerDerived	*	1.49E-10 INHALATION
35 ALL	487452.6	3673426.09	0.0000375	100414 Ethyl Benzene	1.58E-10 30YrCancerDerived	*	1.58E-10 INHALATION
36 ALL	487473.44	3673426.09	0.0000404	100414 Ethyl Benzene	1.71E-10 30YrCancerDerived	*	1.71E-10 INHALATION
37 ALL	487494.28	3673426.09	0.0000439	100414 Ethyl Benzene	1.86E-10 30YrCancerDerived	*	1.86E-10 INHALATION
38 ALL	487515.12	3673426.09	0.0000491	100414 Ethyl Benzene	2.08E-10 30YrCancerDerived	*	2.08E-10 INHALATION
39 ALL	487535.96	3673426.09	0.0000547	100414 Ethyl Benzene	2.31E-10 30YrCancerDerived	*	2.31E-10 INHALATION
40 ALL	487556.8	3673426.09	0.0000635	100414 Ethyl Benzene	2.68E-10 30YrCancerDerived	*	2.68E-10 INHALATION
41 ALL	487577.64	3673426.09	0.0000814	100414 Ethyl Benzene	3.44E-10 30YrCancerDerived	*	3.44E-10 INHALATION
42 ALL	487598.48	3673426.09	0.000123614	100414 Ethyl Benzene	5.22E-10 30YrCancerDerived	*	5.22E-10 INHALATION
43 ALL	487619.32	3673426.09	0.000199547	100414 Ethyl Benzene	8.43E-10 30YrCancerDerived	*	8.43E-10 INHALATION
44 ALL	487640.16	3673426.09	0.000325489	100414 Ethyl Benzene	1.37E-09 30YrCancerDerived	*	1.37E-09 INHALATION
45 ALL	487661	3673426.09	0.000428592	100414 Ethyl Benzene	1.81E-09 30YrCancerDerived	*	1.81E-09 INHALATION
46 ALL	487681.84	3673426.09	0.000456093	100414 Ethyl Benzene	1.93E-09 30YrCancerDerived	*	1.93E-09 INHALATION
47 ALL	487702.68	3673426.09	0.000386717	100414 Ethyl Benzene	1.63E-09 30YrCancerDerived	*	1.63E-09 INHALATION
48 ALL	487723.52	3673426.09	0.000340694	100414 Ethyl Benzene	1.44E-09 30YrCancerDerived	*	1.44E-09 INHALATION
49 ALL	487410.92	3673445.97	0.0000344	100414 Ethyl Benzene	1.45E-10 30YrCancerDerived	*	1.45E-10 INHALATION
50 ALL	487431.76	3673445.97	0.0000367	100414 Ethyl Benzene	1.55E-10 30YrCancerDerived	*	1.55E-10 INHALATION
51 ALL	487452.6	3673445.97	0.0000389	100414 Ethyl Benzene	1.64E-10 30YrCancerDerived	*	1.64E-10 INHALATION
52 ALL	487473.44	3673445.97	0.0000413	100414 Ethyl Benzene	1.74E-10 30YrCancerDerived	*	1.74E-10 INHALATION
53 ALL	487494.28	3673445.97	0.000044	100414 Ethyl Benzene	1.86E-10 30YrCancerDerived	*	1.86E-10 INHALATION
54 ALL	487515.12	3673445.97	0.0000476	100414 Ethyl Benzene	2.01E-10 30YrCancerDerived	*	2.01E-10 INHALATION
55 ALL	487535.96	3673445.97	0.0000522	100414 Ethyl Benzene	2.21E-10 30YrCancerDerived	*	2.21E-10 INHALATION
56 ALL	487556.8	3673445.97	0.0000612	100414 Ethyl Benzene	2.59E-10 30YrCancerDerived	*	2.59E-10 INHALATION
57 ALL	487577.64	3673445.97	0.0000756	100414 Ethyl Benzene	3.19E-10 30YrCancerDerived	*	3.19E-10 INHALATION
58 ALL	487598.48	3673445.97	0.000119003	100414 Ethyl Benzene	5.02E-10 30YrCancerDerived	*	5.02E-10 INHALATION
59 ALL	487619.32	3673445.97	0.000195961	100414 Ethyl Benzene	8.27E-10 30YrCancerDerived	*	8.27E-10 INHALATION
60 ALL	487640.16	3673445.97	0.000375183	100414 Ethyl Benzene	1.58E-09 30YrCancerDerived	*	1.58E-09 INHALATION
61 ALL	487661	3673445.97	0.000573192	100414 Ethyl Benzene	2.42E-09 30YrCancerDerived	*	2.42E-09 INHALATION
62 ALL	487681.84	3673445.97	0.000688824	100414 Ethyl Benzene	2.91E-09 30YrCancerDerived	*	2.91E-09 INHALATION
63 ALL	487702.68	3673445.97	0.000619294	100414 Ethyl Benzene	2.61E-09 30YrCancerDerived	*	2.61E-09 INHALATION
64 ALL	487369.24	3673465.85	0.0000309	100414 Ethyl Benzene	1.30E-10 30YrCancerDerived	*	1.30E-10 INHALATION

65 ALL	487390.08	3673465.85	0.0000336	100414 Ethyl Benzene	1.42E-10 30YrCancerDerived	*	1.42E-10 INHALATION
66 ALL	487410.92	3673465.85	0.0000358	100414 Ethyl Benzene	1.51E-10 30YrCancerDerived	*	1.51E-10 INHALATION
67 ALL	487431.76	3673465.85	0.0000403	100414 Ethyl Benzene	1.70E-10 30YrCancerDerived	*	1.70E-10 INHALATION
68 ALL	487452.6	3673465.85	0.0000432	100414 Ethyl Benzene	1.83E-10 30YrCancerDerived	*	1.83E-10 INHALATION
69 ALL	487473.44	3673465.85	0.0000449	100414 Ethyl Benzene	1.90E-10 30YrCancerDerived	*	1.90E-10 INHALATION
70 ALL	487494.28	3673465.85	0.0000463	100414 Ethyl Benzene	1.96E-10 30YrCancerDerived	*	1.96E-10 INHALATION
71 ALL	487515.12	3673465.85	0.0000445	100414 Ethyl Benzene	1.88E-10 30YrCancerDerived	*	1.88E-10 INHALATION
72 ALL	487535.96	3673465.85	0.0000484	100414 Ethyl Benzene	2.05E-10 30YrCancerDerived	*	2.05E-10 INHALATION
73 ALL	487556.8	3673465.85	0.0000572	100414 Ethyl Benzene	2.42E-10 30YrCancerDerived	*	2.42E-10 INHALATION
74 ALL	487577.64	3673465.85	0.0000754	100414 Ethyl Benzene	3.19E-10 30YrCancerDerived	*	3.19E-10 INHALATION
75 ALL	487598.48	3673465.85	0.000121386	100414 Ethyl Benzene	5.13E-10 30YrCancerDerived	*	5.13E-10 INHALATION
76 ALL	487619.32	3673465.85	0.000202061	100414 Ethyl Benzene	8.53E-10 30YrCancerDerived	*	8.53E-10 INHALATION
77 ALL	487640.16	3673465.85	0.000392275	100414 Ethyl Benzene	1.66E-09 30YrCancerDerived	*	1.66E-09 INHALATION
78 ALL	487661	3673465.85	0.000666943	100414 Ethyl Benzene	2.82E-09 30YrCancerDerived	*	2.82E-09 INHALATION
79 ALL	487681.84	3673465.85	0.000857061	100414 Ethyl Benzene	3.62E-09 30YrCancerDerived	*	3.62E-09 INHALATION
80 ALL	487702.68	3673465.85	0.000903583	100414 Ethyl Benzene	3.82E-09 30YrCancerDerived	*	3.82E-09 INHALATION
81 ALL	487348.4	3673485.73	0.0000288	100414 Ethyl Benzene	1.21E-10 30YrCancerDerived	*	1.21E-10 INHALATION
82 ALL	487369.24	3673485.73	0.0000314	100414 Ethyl Benzene	1.32E-10 30YrCancerDerived	*	1.32E-10 INHALATION
83 ALL	487390.08	3673485.73	0.0000354	100414 Ethyl Benzene	1.50E-10 30YrCancerDerived	*	1.50E-10 INHALATION
84 ALL	487410.92	3673485.73	0.000042	100414 Ethyl Benzene	1.77E-10 30YrCancerDerived	*	1.77E-10 INHALATION
85 ALL	487431.76	3673485.73	0.0000488	100414 Ethyl Benzene	2.06E-10 30YrCancerDerived	*	2.06E-10 INHALATION
86 ALL	487452.6	3673485.73	0.0000533	100414 Ethyl Benzene	2.25E-10 30YrCancerDerived	*	2.25E-10 INHALATION
87 ALL	487473.44	3673485.73	0.0000539	100414 Ethyl Benzene	2.28E-10 30YrCancerDerived	*	2.28E-10 INHALATION
88 ALL	487494.28	3673485.73	0.0000497	100414 Ethyl Benzene	2.10E-10 30YrCancerDerived	*	2.10E-10 INHALATION
89 ALL	487515.12	3673485.73	0.0000444	100414 Ethyl Benzene	1.88E-10 30YrCancerDerived	*	1.88E-10 INHALATION
90 ALL	487535.96	3673485.73	0.0000479	100414 Ethyl Benzene	2.02E-10 30YrCancerDerived	*	2.02E-10 INHALATION
91 ALL	487556.8	3673485.73	0.0000631	100414 Ethyl Benzene	2.66E-10 30YrCancerDerived	*	2.66E-10 INHALATION
92 ALL	487577.64	3673485.73	0.000098	100414 Ethyl Benzene	4.14E-10 30YrCancerDerived	*	4.14E-10 INHALATION
93 ALL	487598.48	3673485.73	0.000168663	100414 Ethyl Benzene	7.12E-10 30YrCancerDerived	*	7.12E-10 INHALATION
94 ALL	487619.32	3673485.73	0.000306243	100414 Ethyl Benzene	1.29E-09 30YrCancerDerived	*	1.29E-09 INHALATION
95 ALL	487640.16	3673485.73	0.000551033	100414 Ethyl Benzene	2.33E-09 30YrCancerDerived	*	2.33E-09 INHALATION
96 ALL	487661	3673485.73	0.000775589	100414 Ethyl Benzene	3.27E-09 30YrCancerDerived	*	3.27E-09 INHALATION
97 ALL	487681.84	3673485.73	0.001002729	100414 Ethyl Benzene	4.23E-09 30YrCancerDerived	*	4.23E-09 INHALATION
98 ALL	487223.36	3673505.61	0.0000201	100414 Ethyl Benzene	8.49E-11 30YrCancerDerived	*	8.49E-11 INHALATION
99 ALL	487244.2	3673505.61	0.0000211	100414 Ethyl Benzene	8.93E-11 30YrCancerDerived	*	8.93E-11 INHALATION

100	ALL	487327.56	3673505.61	0.0000275	100414 Ethyl Benzene	1.16E-10	30YrCancerDerived	*	1.16E-10	INHALATION
101	ALL	487348.4	3673505.61	0.0000295	100414 Ethyl Benzene	1.25E-10	30YrCancerDerived	*	1.25E-10	INHALATION
102	ALL	487369.24	3673505.61	0.0000324	100414 Ethyl Benzene	1.37E-10	30YrCancerDerived	*	1.37E-10	INHALATION
103	ALL	487390.08	3673505.61	0.0000383	100414 Ethyl Benzene	1.62E-10	30YrCancerDerived	*	1.62E-10	INHALATION
104	ALL	487410.92	3673505.61	0.0000473	100414 Ethyl Benzene	2.00E-10	30YrCancerDerived	*	2.00E-10	INHALATION
105	ALL	487431.76	3673505.61	0.0000636	100414 Ethyl Benzene	2.69E-10	30YrCancerDerived	*	2.69E-10	INHALATION
106	ALL	487452.6	3673505.61	0.0000678	100414 Ethyl Benzene	2.86E-10	30YrCancerDerived	*	2.86E-10	INHALATION
107	ALL	487473.44	3673505.61	0.0000656	100414 Ethyl Benzene	2.77E-10	30YrCancerDerived	*	2.77E-10	INHALATION
108	ALL	487494.28	3673505.61	0.0000569	100414 Ethyl Benzene	2.40E-10	30YrCancerDerived	*	2.40E-10	INHALATION
109	ALL	487515.12	3673505.61	0.000051	100414 Ethyl Benzene	2.15E-10	30YrCancerDerived	*	2.15E-10	INHALATION
110	ALL	487535.96	3673505.61	0.0000505	100414 Ethyl Benzene	2.13E-10	30YrCancerDerived	*	2.13E-10	INHALATION
111	ALL	487556.8	3673505.61	0.0000641	100414 Ethyl Benzene	2.71E-10	30YrCancerDerived	*	2.71E-10	INHALATION
112	ALL	487577.64	3673505.61	0.000119687	100414 Ethyl Benzene	5.05E-10	30YrCancerDerived	*	5.05E-10	INHALATION
113	ALL	487598.48	3673505.61	0.000298445	100414 Ethyl Benzene	1.26E-09	30YrCancerDerived	*	1.26E-09	INHALATION
114	ALL	487619.32	3673505.61	0.000595321	100414 Ethyl Benzene	2.51E-09	30YrCancerDerived	*	2.51E-09	INHALATION
115	ALL	487640.16	3673505.61	0.000805852	100414 Ethyl Benzene	3.40E-09	30YrCancerDerived	*	3.40E-09	INHALATION
116	ALL	487661	3673505.61	0.000747207	100414 Ethyl Benzene	3.15E-09	30YrCancerDerived	*	3.15E-09	INHALATION
117	ALL	487681.84	3673505.61	0.000839169	100414 Ethyl Benzene	3.54E-09	30YrCancerDerived	*	3.54E-09	INHALATION
118	ALL	487223.36	3673525.49	0.0000198	100414 Ethyl Benzene	8.35E-11	30YrCancerDerived	*	8.35E-11	INHALATION
119	ALL	487244.2	3673525.49	0.0000209	100414 Ethyl Benzene	8.82E-11	30YrCancerDerived	*	8.82E-11	INHALATION
120	ALL	487265.04	3673525.49	0.0000225	100414 Ethyl Benzene	9.52E-11	30YrCancerDerived	*	9.52E-11	INHALATION
121	ALL	487306.72	3673525.49	0.0000268	100414 Ethyl Benzene	1.13E-10	30YrCancerDerived	*	1.13E-10	INHALATION
122	ALL	487327.56	3673525.49	0.0000285	100414 Ethyl Benzene	1.21E-10	30YrCancerDerived	*	1.21E-10	INHALATION
123	ALL	487348.4	3673525.49	0.0000311	100414 Ethyl Benzene	1.32E-10	30YrCancerDerived	*	1.32E-10	INHALATION
124	ALL	487369.24	3673525.49	0.0000363	100414 Ethyl Benzene	1.53E-10	30YrCancerDerived	*	1.53E-10	INHALATION
125	ALL	487390.08	3673525.49	0.0000439	100414 Ethyl Benzene	1.85E-10	30YrCancerDerived	*	1.85E-10	INHALATION
126	ALL	487410.92	3673525.49	0.0000538	100414 Ethyl Benzene	2.27E-10	30YrCancerDerived	*	2.27E-10	INHALATION
127	ALL	487431.76	3673525.49	0.0000722	100414 Ethyl Benzene	3.05E-10	30YrCancerDerived	*	3.05E-10	INHALATION
128	ALL	487452.6	3673525.49	0.0000754	100414 Ethyl Benzene	3.18E-10	30YrCancerDerived	*	3.18E-10	INHALATION
129	ALL	487473.44	3673525.49	0.000077	100414 Ethyl Benzene	3.25E-10	30YrCancerDerived	*	3.25E-10	INHALATION
130	ALL	487494.28	3673525.49	0.0000747	100414 Ethyl Benzene	3.16E-10	30YrCancerDerived	*	3.16E-10	INHALATION
131	ALL	487515.12	3673525.49	0.0000693	100414 Ethyl Benzene	2.93E-10	30YrCancerDerived	*	2.93E-10	INHALATION
132	ALL	487535.96	3673525.49	0.0000676	100414 Ethyl Benzene	2.85E-10	30YrCancerDerived	*	2.85E-10	INHALATION
133	ALL	487556.8	3673525.49	0.0000777	100414 Ethyl Benzene	3.28E-10	30YrCancerDerived	*	3.28E-10	INHALATION
134	ALL	487577.64	3673525.49	0.000133208	100414 Ethyl Benzene	5.62E-10	30YrCancerDerived	*	5.62E-10	INHALATION

135	ALL	487598.48	3673525.49	0.000338751	100414 Ethyl Benzene	1.43E-09	30YrCancerDerived	*	1.43E-09	INHALATION
136	ALL	487619.32	3673525.49	0.000760044	100414 Ethyl Benzene	3.21E-09	30YrCancerDerived	*	3.21E-09	INHALATION
137	ALL	487640.16	3673525.49	0.000446378	100414 Ethyl Benzene	1.88E-09	30YrCancerDerived	*	1.88E-09	INHALATION
138	ALL	487661	3673525.49	0.000313934	100414 Ethyl Benzene	1.33E-09	30YrCancerDerived	*	1.33E-09	INHALATION
139	ALL	487202.52	3673545.37	0.0000187	100414 Ethyl Benzene	7.89E-11	30YrCancerDerived	*	7.89E-11	INHALATION
140	ALL	487223.36	3673545.37	0.0000194	100414 Ethyl Benzene	8.21E-11	30YrCancerDerived	*	8.21E-11	INHALATION
141	ALL	487244.2	3673545.37	0.0000208	100414 Ethyl Benzene	8.77E-11	30YrCancerDerived	*	8.77E-11	INHALATION
142	ALL	487265.04	3673545.37	0.0000224	100414 Ethyl Benzene	9.47E-11	30YrCancerDerived	*	9.47E-11	INHALATION
143	ALL	487285.88	3673545.37	0.0000248	100414 Ethyl Benzene	1.05E-10	30YrCancerDerived	*	1.05E-10	INHALATION
144	ALL	487306.72	3673545.37	0.0000268	100414 Ethyl Benzene	1.13E-10	30YrCancerDerived	*	1.13E-10	INHALATION
145	ALL	487327.56	3673545.37	0.000029	100414 Ethyl Benzene	1.22E-10	30YrCancerDerived	*	1.22E-10	INHALATION
146	ALL	487348.4	3673545.37	0.0000317	100414 Ethyl Benzene	1.34E-10	30YrCancerDerived	*	1.34E-10	INHALATION
147	ALL	487369.24	3673545.37	0.0000357	100414 Ethyl Benzene	1.51E-10	30YrCancerDerived	*	1.51E-10	INHALATION
148	ALL	487390.08	3673545.37	0.0000421	100414 Ethyl Benzene	1.78E-10	30YrCancerDerived	*	1.78E-10	INHALATION
149	ALL	487410.92	3673545.37	0.000053	100414 Ethyl Benzene	2.24E-10	30YrCancerDerived	*	2.24E-10	INHALATION
150	ALL	487431.76	3673545.37	0.000058	100414 Ethyl Benzene	2.45E-10	30YrCancerDerived	*	2.45E-10	INHALATION
151	ALL	487452.6	3673545.37	0.0000589	100414 Ethyl Benzene	2.49E-10	30YrCancerDerived	*	2.49E-10	INHALATION
152	ALL	487473.44	3673545.37	0.0000649	100414 Ethyl Benzene	2.74E-10	30YrCancerDerived	*	2.74E-10	INHALATION
153	ALL	487494.28	3673545.37	0.0000962	100414 Ethyl Benzene	4.06E-10	30YrCancerDerived	*	4.06E-10	INHALATION
154	ALL	487515.12	3673545.37	0.000109659	100414 Ethyl Benzene	4.63E-10	30YrCancerDerived	*	4.63E-10	INHALATION
155	ALL	487535.96	3673545.37	0.000111361	100414 Ethyl Benzene	4.70E-10	30YrCancerDerived	*	4.70E-10	INHALATION
156	ALL	487556.8	3673545.37	0.000112041	100414 Ethyl Benzene	4.73E-10	30YrCancerDerived	*	4.73E-10	INHALATION
157	ALL	487577.64	3673545.37	0.000183988	100414 Ethyl Benzene	7.77E-10	30YrCancerDerived	*	7.77E-10	INHALATION
158	ALL	487598.48	3673545.37	0.000389972	100414 Ethyl Benzene	1.65E-09	30YrCancerDerived	*	1.65E-09	INHALATION
159	ALL	487619.32	3673545.37	0.000312106	100414 Ethyl Benzene	1.32E-09	30YrCancerDerived	*	1.32E-09	INHALATION
160	ALL	487640.16	3673545.37	0.000160543	100414 Ethyl Benzene	6.78E-10	30YrCancerDerived	*	6.78E-10	INHALATION
161	ALL	487661	3673545.37	0.000133179	100414 Ethyl Benzene	5.62E-10	30YrCancerDerived	*	5.62E-10	INHALATION
162	ALL	487181.68	3673565.25	0.0000181	100414 Ethyl Benzene	7.63E-11	30YrCancerDerived	*	7.63E-11	INHALATION
163	ALL	487202.52	3673565.25	0.0000185	100414 Ethyl Benzene	7.82E-11	30YrCancerDerived	*	7.82E-11	INHALATION
164	ALL	487223.36	3673565.25	0.0000194	100414 Ethyl Benzene	8.19E-11	30YrCancerDerived	*	8.19E-11	INHALATION
165	ALL	487244.2	3673565.25	0.0000205	100414 Ethyl Benzene	8.65E-11	30YrCancerDerived	*	8.65E-11	INHALATION
166	ALL	487265.04	3673565.25	0.0000217	100414 Ethyl Benzene	9.14E-11	30YrCancerDerived	*	9.14E-11	INHALATION
167	ALL	487285.88	3673565.25	0.0000234	100414 Ethyl Benzene	9.90E-11	30YrCancerDerived	*	9.90E-11	INHALATION
168	ALL	487306.72	3673565.25	0.0000246	100414 Ethyl Benzene	1.04E-10	30YrCancerDerived	*	1.04E-10	INHALATION
169	ALL	487327.56	3673565.25	0.000026	100414 Ethyl Benzene	1.10E-10	30YrCancerDerived	*	1.10E-10	INHALATION

170 ALL	487348.4	3673565.25	0.0000283	100414 Ethyl Benzene	1.20E-10 30YrCancerDerived	*	1.20E-10 INHALATION
171 ALL	487369.24	3673565.25	0.0000317	100414 Ethyl Benzene	1.34E-10 30YrCancerDerived	*	1.34E-10 INHALATION
172 ALL	487390.08	3673565.25	0.0000372	100414 Ethyl Benzene	1.57E-10 30YrCancerDerived	*	1.57E-10 INHALATION
173 ALL	487410.92	3673565.25	0.000044	100414 Ethyl Benzene	1.86E-10 30YrCancerDerived	*	1.86E-10 INHALATION
174 ALL	487431.76	3673565.25	0.0000415	100414 Ethyl Benzene	1.75E-10 30YrCancerDerived	*	1.75E-10 INHALATION
175 ALL	487452.6	3673565.25	0.0000421	100414 Ethyl Benzene	1.78E-10 30YrCancerDerived	*	1.78E-10 INHALATION
176 ALL	487473.44	3673565.25	0.0000484	100414 Ethyl Benzene	2.04E-10 30YrCancerDerived	*	2.04E-10 INHALATION
177 ALL	487494.28	3673565.25	0.0000671	100414 Ethyl Benzene	2.83E-10 30YrCancerDerived	*	2.83E-10 INHALATION
178 ALL	487515.12	3673565.25	0.000111254	100414 Ethyl Benzene	4.70E-10 30YrCancerDerived	*	4.70E-10 INHALATION
179 ALL	487535.96	3673565.25	0.000180333	100414 Ethyl Benzene	7.61E-10 30YrCancerDerived	*	7.61E-10 INHALATION
180 ALL	487556.8	3673565.25	0.000265148	100414 Ethyl Benzene	1.12E-09 30YrCancerDerived	*	1.12E-09 INHALATION
181 ALL	487577.64	3673565.25	0.000379565	100414 Ethyl Benzene	1.60E-09 30YrCancerDerived	*	1.60E-09 INHALATION
182 ALL	487598.48	3673565.25	0.000309742	100414 Ethyl Benzene	1.31E-09 30YrCancerDerived	*	1.31E-09 INHALATION
183 ALL	487619.32	3673565.25	0.000142483	100414 Ethyl Benzene	6.02E-10 30YrCancerDerived	*	6.02E-10 INHALATION
184 ALL	487640.16	3673565.25	0.0000889	100414 Ethyl Benzene	3.75E-10 30YrCancerDerived	*	3.75E-10 INHALATION
185 ALL	487098.32	3673585.13	0.0000167	100414 Ethyl Benzene	7.06E-11 30YrCancerDerived	*	7.06E-11 INHALATION
186 ALL	487119.16	3673585.13	0.000017	100414 Ethyl Benzene	7.20E-11 30YrCancerDerived	*	7.20E-11 INHALATION
187 ALL	487140	3673585.13	0.0000174	100414 Ethyl Benzene	7.34E-11 30YrCancerDerived	*	7.34E-11 INHALATION
188 ALL	487160.84	3673585.13	0.0000178	100414 Ethyl Benzene	7.51E-11 30YrCancerDerived	*	7.51E-11 INHALATION
189 ALL	487181.68	3673585.13	0.000018	100414 Ethyl Benzene	7.60E-11 30YrCancerDerived	*	7.60E-11 INHALATION
190 ALL	487202.52	3673585.13	0.0000181	100414 Ethyl Benzene	7.66E-11 30YrCancerDerived	*	7.66E-11 INHALATION
191 ALL	487223.36	3673585.13	0.0000187	100414 Ethyl Benzene	7.90E-11 30YrCancerDerived	*	7.90E-11 INHALATION
192 ALL	487244.2	3673585.13	0.0000196	100414 Ethyl Benzene	8.26E-11 30YrCancerDerived	*	8.26E-11 INHALATION
193 ALL	487265.04	3673585.13	0.0000204	100414 Ethyl Benzene	8.62E-11 30YrCancerDerived	*	8.62E-11 INHALATION
194 ALL	487285.88	3673585.13	0.0000214	100414 Ethyl Benzene	9.05E-11 30YrCancerDerived	*	9.05E-11 INHALATION
195 ALL	487306.72	3673585.13	0.0000226	100414 Ethyl Benzene	9.56E-11 30YrCancerDerived	*	9.56E-11 INHALATION
196 ALL	487327.56	3673585.13	0.0000241	100414 Ethyl Benzene	1.02E-10 30YrCancerDerived	*	1.02E-10 INHALATION
197 ALL	487348.4	3673585.13	0.0000256	100414 Ethyl Benzene	1.08E-10 30YrCancerDerived	*	1.08E-10 INHALATION
198 ALL	487369.24	3673585.13	0.0000287	100414 Ethyl Benzene	1.21E-10 30YrCancerDerived	*	1.21E-10 INHALATION
199 ALL	487390.08	3673585.13	0.000034	100414 Ethyl Benzene	1.44E-10 30YrCancerDerived	*	1.44E-10 INHALATION
200 ALL	487410.92	3673585.13	0.000037	100414 Ethyl Benzene	1.56E-10 30YrCancerDerived	*	1.56E-10 INHALATION
201 ALL	487431.76	3673585.13	0.0000332	100414 Ethyl Benzene	1.40E-10 30YrCancerDerived	*	1.40E-10 INHALATION
202 ALL	487452.6	3673585.13	0.0000341	100414 Ethyl Benzene	1.44E-10 30YrCancerDerived	*	1.44E-10 INHALATION
203 ALL	487473.44	3673585.13	0.0000379	100414 Ethyl Benzene	1.60E-10 30YrCancerDerived	*	1.60E-10 INHALATION
204 ALL	487494.28	3673585.13	0.0000447	100414 Ethyl Benzene	1.89E-10 30YrCancerDerived	*	1.89E-10 INHALATION

205	ALL	487515.12	3673585.13	0.0000692	100414	Ethyl Benzene	2.92E-10	30YrCancerDerived	*	2.92E-10	INHALATION
206	ALL	487535.96	3673585.13	0.000112261	100414	Ethyl Benzene	4.74E-10	30YrCancerDerived	*	4.74E-10	INHALATION
207	ALL	487556.8	3673585.13	0.000185589	100414	Ethyl Benzene	7.84E-10	30YrCancerDerived	*	7.84E-10	INHALATION
208	ALL	487577.64	3673585.13	0.000242736	100414	Ethyl Benzene	1.02E-09	30YrCancerDerived	*	1.02E-09	INHALATION
209	ALL	487598.48	3673585.13	0.000141571	100414	Ethyl Benzene	5.98E-10	30YrCancerDerived	*	5.98E-10	INHALATION
210	ALL	487619.32	3673585.13	0.0000779	100414	Ethyl Benzene	3.29E-10	30YrCancerDerived	*	3.29E-10	INHALATION
211	ALL	487098.32	3673605.01	0.0000169	100414	Ethyl Benzene	7.16E-11	30YrCancerDerived	*	7.16E-11	INHALATION
212	ALL	487119.16	3673605.01	0.0000173	100414	Ethyl Benzene	7.29E-11	30YrCancerDerived	*	7.29E-11	INHALATION
213	ALL	487140	3673605.01	0.0000176	100414	Ethyl Benzene	7.43E-11	30YrCancerDerived	*	7.43E-11	INHALATION
214	ALL	487160.84	3673605.01	0.0000178	100414	Ethyl Benzene	7.53E-11	30YrCancerDerived	*	7.53E-11	INHALATION
215	ALL	487181.68	3673605.01	0.0000177	100414	Ethyl Benzene	7.48E-11	30YrCancerDerived	*	7.48E-11	INHALATION
216	ALL	487202.52	3673605.01	0.0000176	100414	Ethyl Benzene	7.45E-11	30YrCancerDerived	*	7.45E-11	INHALATION
217	ALL	487223.36	3673605.01	0.000018	100414	Ethyl Benzene	7.59E-11	30YrCancerDerived	*	7.59E-11	INHALATION
218	ALL	487244.2	3673605.01	0.0000188	100414	Ethyl Benzene	7.92E-11	30YrCancerDerived	*	7.92E-11	INHALATION
219	ALL	487265.04	3673605.01	0.0000197	100414	Ethyl Benzene	8.34E-11	30YrCancerDerived	*	8.34E-11	INHALATION
220	ALL	487285.88	3673605.01	0.0000206	100414	Ethyl Benzene	8.70E-11	30YrCancerDerived	*	8.70E-11	INHALATION
221	ALL	487306.72	3673605.01	0.0000216	100414	Ethyl Benzene	9.12E-11	30YrCancerDerived	*	9.12E-11	INHALATION
222	ALL	487327.56	3673605.01	0.0000225	100414	Ethyl Benzene	9.52E-11	30YrCancerDerived	*	9.52E-11	INHALATION
223	ALL	487348.4	3673605.01	0.0000242	100414	Ethyl Benzene	1.02E-10	30YrCancerDerived	*	1.02E-10	INHALATION
224	ALL	487369.24	3673605.01	0.0000262	100414	Ethyl Benzene	1.11E-10	30YrCancerDerived	*	1.11E-10	INHALATION
225	ALL	487390.08	3673605.01	0.0000312	100414	Ethyl Benzene	1.32E-10	30YrCancerDerived	*	1.32E-10	INHALATION
226	ALL	487410.92	3673605.01	0.0000328	100414	Ethyl Benzene	1.38E-10	30YrCancerDerived	*	1.38E-10	INHALATION
227	ALL	487431.76	3673605.01	0.0000296	100414	Ethyl Benzene	1.25E-10	30YrCancerDerived	*	1.25E-10	INHALATION
228	ALL	487452.6	3673605.01	0.0000302	100414	Ethyl Benzene	1.28E-10	30YrCancerDerived	*	1.28E-10	INHALATION
229	ALL	487473.44	3673605.01	0.0000327	100414	Ethyl Benzene	1.38E-10	30YrCancerDerived	*	1.38E-10	INHALATION
230	ALL	487494.28	3673605.01	0.0000374	100414	Ethyl Benzene	1.58E-10	30YrCancerDerived	*	1.58E-10	INHALATION
231	ALL	487515.12	3673605.01	0.0000493	100414	Ethyl Benzene	2.08E-10	30YrCancerDerived	*	2.08E-10	INHALATION
232	ALL	487535.96	3673605.01	0.0000838	100414	Ethyl Benzene	3.54E-10	30YrCancerDerived	*	3.54E-10	INHALATION
233	ALL	487556.8	3673605.01	0.000138875	100414	Ethyl Benzene	5.86E-10	30YrCancerDerived	*	5.86E-10	INHALATION
234	ALL	487577.64	3673605.01	0.000126799	100414	Ethyl Benzene	5.35E-10	30YrCancerDerived	*	5.35E-10	INHALATION
235	ALL	487598.48	3673605.01	0.0000718	100414	Ethyl Benzene	3.03E-10	30YrCancerDerived	*	3.03E-10	INHALATION
236	ALL	487119.16	3673624.89	0.0000177	100414	Ethyl Benzene	7.48E-11	30YrCancerDerived	*	7.48E-11	INHALATION
237	ALL	487140	3673624.89	0.0000177	100414	Ethyl Benzene	7.47E-11	30YrCancerDerived	*	7.47E-11	INHALATION
238	ALL	487160.84	3673624.89	0.0000177	100414	Ethyl Benzene	7.47E-11	30YrCancerDerived	*	7.47E-11	INHALATION
239	ALL	487181.68	3673624.89	0.0000176	100414	Ethyl Benzene	7.43E-11	30YrCancerDerived	*	7.43E-11	INHALATION

240	ALL	487202.52	3673624.89	0.0000175	100414	Ethyl Benzene	7.38E-11	30YrCancerDerived	*	7.38E-11	INHALATION
241	ALL	487223.36	3673624.89	0.0000176	100414	Ethyl Benzene	7.43E-11	30YrCancerDerived	*	7.43E-11	INHALATION
242	ALL	487244.2	3673624.89	0.0000182	100414	Ethyl Benzene	7.70E-11	30YrCancerDerived	*	7.70E-11	INHALATION
243	ALL	487265.04	3673624.89	0.0000192	100414	Ethyl Benzene	8.11E-11	30YrCancerDerived	*	8.11E-11	INHALATION
244	ALL	487285.88	3673624.89	0.0000201	100414	Ethyl Benzene	8.48E-11	30YrCancerDerived	*	8.48E-11	INHALATION
245	ALL	487306.72	3673624.89	0.0000209	100414	Ethyl Benzene	8.83E-11	30YrCancerDerived	*	8.83E-11	INHALATION
246	ALL	487327.56	3673624.89	0.0000219	100414	Ethyl Benzene	9.25E-11	30YrCancerDerived	*	9.25E-11	INHALATION
247	ALL	487348.4	3673624.89	0.0000232	100414	Ethyl Benzene	9.81E-11	30YrCancerDerived	*	9.81E-11	INHALATION
248	ALL	487369.24	3673624.89	0.0000252	100414	Ethyl Benzene	1.06E-10	30YrCancerDerived	*	1.06E-10	INHALATION
249	ALL	487390.08	3673624.89	0.0000293	100414	Ethyl Benzene	1.24E-10	30YrCancerDerived	*	1.24E-10	INHALATION
250	ALL	487410.92	3673624.89	0.0000308	100414	Ethyl Benzene	1.30E-10	30YrCancerDerived	*	1.30E-10	INHALATION
251	ALL	487431.76	3673624.89	0.0000268	100414	Ethyl Benzene	1.13E-10	30YrCancerDerived	*	1.13E-10	INHALATION
252	ALL	487452.6	3673624.89	0.0000271	100414	Ethyl Benzene	1.14E-10	30YrCancerDerived	*	1.14E-10	INHALATION
253	ALL	487473.44	3673624.89	0.0000295	100414	Ethyl Benzene	1.25E-10	30YrCancerDerived	*	1.25E-10	INHALATION
254	ALL	487494.28	3673624.89	0.0000331	100414	Ethyl Benzene	1.40E-10	30YrCancerDerived	*	1.40E-10	INHALATION
255	ALL	487515.12	3673624.89	0.000043	100414	Ethyl Benzene	1.81E-10	30YrCancerDerived	*	1.81E-10	INHALATION
256	ALL	487535.96	3673624.89	0.0000696	100414	Ethyl Benzene	2.94E-10	30YrCancerDerived	*	2.94E-10	INHALATION
257	ALL	487556.8	3673624.89	0.0000837	100414	Ethyl Benzene	3.53E-10	30YrCancerDerived	*	3.53E-10	INHALATION
258	ALL	487577.64	3673624.89	0.000059	100414	Ethyl Benzene	2.49E-10	30YrCancerDerived	*	2.49E-10	INHALATION
259	ALL	487119.16	3673644.77	0.0000173	100414	Ethyl Benzene	7.31E-11	30YrCancerDerived	*	7.31E-11	INHALATION
260	ALL	487140	3673644.77	0.0000171	100414	Ethyl Benzene	7.23E-11	30YrCancerDerived	*	7.23E-11	INHALATION
261	ALL	487160.84	3673644.77	0.0000172	100414	Ethyl Benzene	7.28E-11	30YrCancerDerived	*	7.28E-11	INHALATION
262	ALL	487181.68	3673644.77	0.0000174	100414	Ethyl Benzene	7.35E-11	30YrCancerDerived	*	7.35E-11	INHALATION
263	ALL	487202.52	3673644.77	0.0000174	100414	Ethyl Benzene	7.36E-11	30YrCancerDerived	*	7.36E-11	INHALATION
264	ALL	487223.36	3673644.77	0.0000175	100414	Ethyl Benzene	7.40E-11	30YrCancerDerived	*	7.40E-11	INHALATION
265	ALL	487244.2	3673644.77	0.000018	100414	Ethyl Benzene	7.59E-11	30YrCancerDerived	*	7.59E-11	INHALATION
266	ALL	487265.04	3673644.77	0.0000188	100414	Ethyl Benzene	7.94E-11	30YrCancerDerived	*	7.94E-11	INHALATION
267	ALL	487285.88	3673644.77	0.0000197	100414	Ethyl Benzene	8.30E-11	30YrCancerDerived	*	8.30E-11	INHALATION
268	ALL	487306.72	3673644.77	0.0000204	100414	Ethyl Benzene	8.63E-11	30YrCancerDerived	*	8.63E-11	INHALATION
269	ALL	487327.56	3673644.77	0.0000213	100414	Ethyl Benzene	9.00E-11	30YrCancerDerived	*	9.00E-11	INHALATION
270	ALL	487348.4	3673644.77	0.0000223	100414	Ethyl Benzene	9.44E-11	30YrCancerDerived	*	9.44E-11	INHALATION
271	ALL	487369.24	3673644.77	0.0000238	100414	Ethyl Benzene	1.01E-10	30YrCancerDerived	*	1.01E-10	INHALATION
272	ALL	487390.08	3673644.77	0.0000273	100414	Ethyl Benzene	1.15E-10	30YrCancerDerived	*	1.15E-10	INHALATION
273	ALL	487410.92	3673644.77	0.0000292	100414	Ethyl Benzene	1.23E-10	30YrCancerDerived	*	1.23E-10	INHALATION
274	ALL	487431.76	3673644.77	0.000026	100414	Ethyl Benzene	1.10E-10	30YrCancerDerived	*	1.10E-10	INHALATION

275 ALL	487452.6	3673644.77	0.0000252	100414 Ethyl Benzene	1.06E-10 30YrCancerDerived	*	1.06E-10 INHALATION
276 ALL	487473.44	3673644.77	0.0000262	100414 Ethyl Benzene	1.11E-10 30YrCancerDerived	*	1.11E-10 INHALATION
277 ALL	487494.28	3673644.77	0.0000302	100414 Ethyl Benzene	1.27E-10 30YrCancerDerived	*	1.27E-10 INHALATION
278 ALL	487515.12	3673644.77	0.0000401	100414 Ethyl Benzene	1.69E-10 30YrCancerDerived	*	1.69E-10 INHALATION
279 ALL	487535.96	3673644.77	0.0000544	100414 Ethyl Benzene	2.30E-10 30YrCancerDerived	*	2.30E-10 INHALATION
280 ALL	487556.8	3673644.77	0.0000486	100414 Ethyl Benzene	2.05E-10 30YrCancerDerived	*	2.05E-10 INHALATION
281 ALL	487160.84	3673664.65	0.0000166	100414 Ethyl Benzene	7.02E-11 30YrCancerDerived	*	7.02E-11 INHALATION
282 ALL	487181.68	3673664.65	0.0000169	100414 Ethyl Benzene	7.14E-11 30YrCancerDerived	*	7.14E-11 INHALATION
283 ALL	487202.52	3673664.65	0.0000171	100414 Ethyl Benzene	7.20E-11 30YrCancerDerived	*	7.20E-11 INHALATION
284 ALL	487223.36	3673664.65	0.0000173	100414 Ethyl Benzene	7.29E-11 30YrCancerDerived	*	7.29E-11 INHALATION
285 ALL	487244.2	3673664.65	0.0000177	100414 Ethyl Benzene	7.47E-11 30YrCancerDerived	*	7.47E-11 INHALATION
286 ALL	487327.56	3673664.65	0.0000209	100414 Ethyl Benzene	8.84E-11 30YrCancerDerived	*	8.84E-11 INHALATION
287 ALL	487348.4	3673664.65	0.0000219	100414 Ethyl Benzene	9.26E-11 30YrCancerDerived	*	9.26E-11 INHALATION
288 ALL	487369.24	3673664.65	0.0000231	100414 Ethyl Benzene	9.74E-11 30YrCancerDerived	*	9.74E-11 INHALATION
289 ALL	487390.08	3673664.65	0.0000261	100414 Ethyl Benzene	1.10E-10 30YrCancerDerived	*	1.10E-10 INHALATION
290 ALL	487410.92	3673664.65	0.0000282	100414 Ethyl Benzene	1.19E-10 30YrCancerDerived	*	1.19E-10 INHALATION
291 ALL	487431.76	3673664.65	0.000025	100414 Ethyl Benzene	1.06E-10 30YrCancerDerived	*	1.06E-10 INHALATION
292 ALL	487452.6	3673664.65	0.0000237	100414 Ethyl Benzene	1.00E-10 30YrCancerDerived	*	1.00E-10 INHALATION
293 ALL	487473.44	3673664.65	0.0000245	100414 Ethyl Benzene	1.03E-10 30YrCancerDerived	*	1.03E-10 INHALATION
294 ALL	487494.28	3673664.65	0.0000291	100414 Ethyl Benzene	1.23E-10 30YrCancerDerived	*	1.23E-10 INHALATION
295 ALL	487515.12	3673664.65	0.000037	100414 Ethyl Benzene	1.56E-10 30YrCancerDerived	*	1.56E-10 INHALATION
296 ALL	487535.96	3673664.65	0.0000376	100414 Ethyl Benzene	1.59E-10 30YrCancerDerived	*	1.59E-10 INHALATION
297 ALL	487348.4	3673684.53	0.0000219	100414 Ethyl Benzene	9.26E-11 30YrCancerDerived	*	9.26E-11 INHALATION
298 ALL	487369.24	3673684.53	0.000023	100414 Ethyl Benzene	9.71E-11 30YrCancerDerived	*	9.71E-11 INHALATION
299 ALL	487390.08	3673684.53	0.0000256	100414 Ethyl Benzene	1.08E-10 30YrCancerDerived	*	1.08E-10 INHALATION
300 ALL	487410.92	3673684.53	0.0000261	100414 Ethyl Benzene	1.10E-10 30YrCancerDerived	*	1.10E-10 INHALATION
301 ALL	487431.76	3673684.53	0.0000237	100414 Ethyl Benzene	1.00E-10 30YrCancerDerived	*	1.00E-10 INHALATION
302 ALL	487452.6	3673684.53	0.0000227	100414 Ethyl Benzene	9.59E-11 30YrCancerDerived	*	9.59E-11 INHALATION
303 ALL	487473.44	3673684.53	0.0000242	100414 Ethyl Benzene	1.02E-10 30YrCancerDerived	*	1.02E-10 INHALATION
304 ALL	487494.28	3673684.53	0.0000292	100414 Ethyl Benzene	1.23E-10 30YrCancerDerived	*	1.23E-10 INHALATION
305 ALL	487515.12	3673684.53	0.0000312	100414 Ethyl Benzene	1.32E-10 30YrCancerDerived	*	1.32E-10 INHALATION
306 ALL	487390.08	3673704.41	0.0000239	100414 Ethyl Benzene	1.01E-10 30YrCancerDerived	*	1.01E-10 INHALATION
307 ALL	487410.92	3673704.41	0.0000231	100414 Ethyl Benzene	9.74E-11 30YrCancerDerived	*	9.74E-11 INHALATION
308 ALL	487431.76	3673704.41	0.0000219	100414 Ethyl Benzene	9.25E-11 30YrCancerDerived	*	9.25E-11 INHALATION
309 ALL	487452.6	3673704.41	0.0000219	100414 Ethyl Benzene	9.26E-11 30YrCancerDerived	*	9.26E-11 INHALATION

310 ALL	487473.44	3673704.41	0.0000244	100414 Ethyl Benzene	1.03E-10 30YrCancerDerived	*	1.03E-10 INHALATION
311 ALL	487494.28	3673704.41	0.0000266	100414 Ethyl Benzene	1.13E-10 30YrCancerDerived	*	1.13E-10 INHALATION
312 ALL	487390.08	3673724.29	0.0000215	100414 Ethyl Benzene	9.08E-11 30YrCancerDerived	*	9.08E-11 INHALATION
313 ALL	487410.92	3673724.29	0.0000213	100414 Ethyl Benzene	8.99E-11 30YrCancerDerived	*	8.99E-11 INHALATION
314 ALL	487431.76	3673724.29	0.0000208	100414 Ethyl Benzene	8.78E-11 30YrCancerDerived	*	8.78E-11 INHALATION
315 ALL	487452.6	3673724.29	0.0000214	100414 Ethyl Benzene	9.02E-11 30YrCancerDerived	*	9.02E-11 INHALATION
316 ALL	487473.44	3673724.29	0.0000235	100414 Ethyl Benzene	9.91E-11 30YrCancerDerived	*	9.91E-11 INHALATION
317 ALL	487410.92	3673744.17	0.0000202	100414 Ethyl Benzene	8.52E-11 30YrCancerDerived	*	8.52E-11 INHALATION
318 ALL	487431.76	3673744.17	0.0000201	100414 Ethyl Benzene	8.50E-11 30YrCancerDerived	*	8.50E-11 INHALATION
319 ALL	487452.6	3673744.17	0.0000209	100414 Ethyl Benzene	8.81E-11 30YrCancerDerived	*	8.81E-11 INHALATION
320 ALL	487473.44	3673744.17	0.0000219	100414 Ethyl Benzene	9.24E-11 30YrCancerDerived	*	9.24E-11 INHALATION
321 ALL	487410.92	3673764.05	0.0000192	100414 Ethyl Benzene	8.12E-11 30YrCancerDerived	*	8.12E-11 INHALATION
322 ALL	487431.76	3673764.05	0.0000193	100414 Ethyl Benzene	8.17E-11 30YrCancerDerived	*	8.17E-11 INHALATION
323 ALL	487452.6	3673764.05	0.0000203	100414 Ethyl Benzene	8.58E-11 30YrCancerDerived	*	8.58E-11 INHALATION
324 ALL	487431.76	3673783.93	0.0000187	100414 Ethyl Benzene	7.89E-11 30YrCancerDerived	*	7.89E-11 INHALATION
325 ALL	487452.6	3673783.93	0.0000196	100414 Ethyl Benzene	8.26E-11 30YrCancerDerived	*	8.26E-11 INHALATION
326 ALL	487014.96	3674221.29	0.00000963	100414 Ethyl Benzene	4.07E-11 30YrCancerDerived	*	4.07E-11 INHALATION
327 ALL	487035.8	3674221.29	0.00000973	100414 Ethyl Benzene	4.11E-11 30YrCancerDerived	*	4.11E-11 INHALATION
328 ALL	487056.64	3674221.29	0.00000988	100414 Ethyl Benzene	4.17E-11 30YrCancerDerived	*	4.17E-11 INHALATION
329 ALL	487077.48	3674221.29	0.00001	100414 Ethyl Benzene	4.23E-11 30YrCancerDerived	*	4.23E-11 INHALATION
330 ALL	487098.32	3674221.29	0.0000101	100414 Ethyl Benzene	4.28E-11 30YrCancerDerived	*	4.28E-11 INHALATION
331 ALL	487119.16	3674221.29	0.0000104	100414 Ethyl Benzene	4.39E-11 30YrCancerDerived	*	4.39E-11 INHALATION
332 ALL	487140	3674221.29	0.0000108	100414 Ethyl Benzene	4.56E-11 30YrCancerDerived	*	4.56E-11 INHALATION
333 ALL	487160.84	3674221.29	0.0000112	100414 Ethyl Benzene	4.73E-11 30YrCancerDerived	*	4.73E-11 INHALATION
334 ALL	487181.68	3674221.29	0.0000116	100414 Ethyl Benzene	4.91E-11 30YrCancerDerived	*	4.91E-11 INHALATION
335 ALL	486973.28	3674241.17	0.00000945	100414 Ethyl Benzene	3.99E-11 30YrCancerDerived	*	3.99E-11 INHALATION
336 ALL	486994.12	3674241.17	0.00000925	100414 Ethyl Benzene	3.91E-11 30YrCancerDerived	*	3.91E-11 INHALATION
337 ALL	487014.96	3674241.17	0.00000941	100414 Ethyl Benzene	3.97E-11 30YrCancerDerived	*	3.97E-11 INHALATION
338 ALL	487035.8	3674241.17	0.00000965	100414 Ethyl Benzene	4.08E-11 30YrCancerDerived	*	4.08E-11 INHALATION
339 ALL	487056.64	3674241.17	0.00000985	100414 Ethyl Benzene	4.16E-11 30YrCancerDerived	*	4.16E-11 INHALATION
340 ALL	487077.48	3674241.17	0.00000995	100414 Ethyl Benzene	4.20E-11 30YrCancerDerived	*	4.20E-11 INHALATION
341 ALL	487098.32	3674241.17	0.0000101	100414 Ethyl Benzene	4.28E-11 30YrCancerDerived	*	4.28E-11 INHALATION
342 ALL	487119.16	3674241.17	0.0000105	100414 Ethyl Benzene	4.42E-11 30YrCancerDerived	*	4.42E-11 INHALATION
343 ALL	487140	3674241.17	0.000011	100414 Ethyl Benzene	4.63E-11 30YrCancerDerived	*	4.63E-11 INHALATION
344 ALL	487160.84	3674241.17	0.0000115	100414 Ethyl Benzene	4.84E-11 30YrCancerDerived	*	4.84E-11 INHALATION

345 ALL	487181.68	3674241.17	0.0000121	100414 Ethyl Benzene	5.10E-11 30YrCancerDerived	*	5.10E-11 INHALATION
346 ALL	486952.44	3674261.05	0.00000939	100414 Ethyl Benzene	3.97E-11 30YrCancerDerived	*	3.97E-11 INHALATION
347 ALL	486973.28	3674261.05	0.00000906	100414 Ethyl Benzene	3.82E-11 30YrCancerDerived	*	3.82E-11 INHALATION
348 ALL	486994.12	3674261.05	0.00000904	100414 Ethyl Benzene	3.82E-11 30YrCancerDerived	*	3.82E-11 INHALATION
349 ALL	487014.96	3674261.05	0.00000925	100414 Ethyl Benzene	3.91E-11 30YrCancerDerived	*	3.91E-11 INHALATION
350 ALL	487035.8	3674261.05	0.0000095	100414 Ethyl Benzene	4.01E-11 30YrCancerDerived	*	4.01E-11 INHALATION
351 ALL	487056.64	3674261.05	0.00000967	100414 Ethyl Benzene	4.08E-11 30YrCancerDerived	*	4.08E-11 INHALATION
352 ALL	487077.48	3674261.05	0.00000984	100414 Ethyl Benzene	4.15E-11 30YrCancerDerived	*	4.15E-11 INHALATION
353 ALL	487098.32	3674261.05	0.0000101	100414 Ethyl Benzene	4.26E-11 30YrCancerDerived	*	4.26E-11 INHALATION
354 ALL	487119.16	3674261.05	0.0000105	100414 Ethyl Benzene	4.42E-11 30YrCancerDerived	*	4.42E-11 INHALATION
355 ALL	487140	3674261.05	0.000011	100414 Ethyl Benzene	4.63E-11 30YrCancerDerived	*	4.63E-11 INHALATION
356 ALL	487160.84	3674261.05	0.0000115	100414 Ethyl Benzene	4.87E-11 30YrCancerDerived	*	4.87E-11 INHALATION
357 ALL	487181.68	3674261.05	0.0000123	100414 Ethyl Benzene	5.21E-11 30YrCancerDerived	*	5.21E-11 INHALATION
358 ALL	486931.6	3674280.93	0.00000991	100414 Ethyl Benzene	4.18E-11 30YrCancerDerived	*	4.18E-11 INHALATION
359 ALL	486952.44	3674280.93	0.00000906	100414 Ethyl Benzene	3.83E-11 30YrCancerDerived	*	3.83E-11 INHALATION
360 ALL	486973.28	3674280.93	0.00000884	100414 Ethyl Benzene	3.73E-11 30YrCancerDerived	*	3.73E-11 INHALATION
361 ALL	486994.12	3674280.93	0.00000893	100414 Ethyl Benzene	3.77E-11 30YrCancerDerived	*	3.77E-11 INHALATION
362 ALL	487014.96	3674280.93	0.00000915	100414 Ethyl Benzene	3.86E-11 30YrCancerDerived	*	3.86E-11 INHALATION
363 ALL	487035.8	3674280.93	0.00000939	100414 Ethyl Benzene	3.96E-11 30YrCancerDerived	*	3.96E-11 INHALATION
364 ALL	487056.64	3674280.93	0.00000955	100414 Ethyl Benzene	4.03E-11 30YrCancerDerived	*	4.03E-11 INHALATION
365 ALL	487077.48	3674280.93	0.00000969	100414 Ethyl Benzene	4.09E-11 30YrCancerDerived	*	4.09E-11 INHALATION
366 ALL	487098.32	3674280.93	0.0000101	100414 Ethyl Benzene	4.28E-11 30YrCancerDerived	*	4.28E-11 INHALATION
367 ALL	487119.16	3674280.93	0.0000106	100414 Ethyl Benzene	4.49E-11 30YrCancerDerived	*	4.49E-11 INHALATION
368 ALL	487140	3674280.93	0.000011	100414 Ethyl Benzene	4.66E-11 30YrCancerDerived	*	4.66E-11 INHALATION
369 ALL	487160.84	3674280.93	0.0000116	100414 Ethyl Benzene	4.90E-11 30YrCancerDerived	*	4.90E-11 INHALATION
370 ALL	487181.68	3674280.93	0.0000127	100414 Ethyl Benzene	5.34E-11 30YrCancerDerived	*	5.34E-11 INHALATION
371 ALL	486889.92	3674300.81	0.0000149	100414 Ethyl Benzene	6.29E-11 30YrCancerDerived	*	6.29E-11 INHALATION
372 ALL	486910.76	3674300.81	0.0000115	100414 Ethyl Benzene	4.84E-11 30YrCancerDerived	*	4.84E-11 INHALATION
373 ALL	486931.6	3674300.81	0.00000941	100414 Ethyl Benzene	3.97E-11 30YrCancerDerived	*	3.97E-11 INHALATION
374 ALL	486952.44	3674300.81	0.00000895	100414 Ethyl Benzene	3.78E-11 30YrCancerDerived	*	3.78E-11 INHALATION
375 ALL	486973.28	3674300.81	0.00000881	100414 Ethyl Benzene	3.72E-11 30YrCancerDerived	*	3.72E-11 INHALATION
376 ALL	486994.12	3674300.81	0.00000893	100414 Ethyl Benzene	3.77E-11 30YrCancerDerived	*	3.77E-11 INHALATION
377 ALL	487014.96	3674300.81	0.00000913	100414 Ethyl Benzene	3.85E-11 30YrCancerDerived	*	3.85E-11 INHALATION
378 ALL	487035.8	3674300.81	0.00000931	100414 Ethyl Benzene	3.93E-11 30YrCancerDerived	*	3.93E-11 INHALATION
379 ALL	487056.64	3674300.81	0.00000945	100414 Ethyl Benzene	3.99E-11 30YrCancerDerived	*	3.99E-11 INHALATION

380	ALL	487077.48	3674300.81	0.00000969	100414 Ethyl Benzene	4.09E-11	30YrCancerDerived	*	4.09E-11	INHALATION
381	ALL	487098.32	3674300.81	0.0000103	100414 Ethyl Benzene	4.35E-11	30YrCancerDerived	*	4.35E-11	INHALATION
382	ALL	487119.16	3674300.81	0.0000109	100414 Ethyl Benzene	4.59E-11	30YrCancerDerived	*	4.59E-11	INHALATION
383	ALL	487140	3674300.81	0.0000113	100414 Ethyl Benzene	4.77E-11	30YrCancerDerived	*	4.77E-11	INHALATION
384	ALL	487160.84	3674300.81	0.0000119	100414 Ethyl Benzene	5.02E-11	30YrCancerDerived	*	5.02E-11	INHALATION
385	ALL	487181.68	3674300.81	0.000013	100414 Ethyl Benzene	5.50E-11	30YrCancerDerived	*	5.50E-11	INHALATION
386	ALL	486869.08	3674320.69	0.0000217	100414 Ethyl Benzene	9.17E-11	30YrCancerDerived	*	9.17E-11	INHALATION
387	ALL	486889.92	3674320.69	0.0000153	100414 Ethyl Benzene	6.47E-11	30YrCancerDerived	*	6.47E-11	INHALATION
388	ALL	486910.76	3674320.69	0.0000113	100414 Ethyl Benzene	4.77E-11	30YrCancerDerived	*	4.77E-11	INHALATION
389	ALL	486931.6	3674320.69	0.00000929	100414 Ethyl Benzene	3.92E-11	30YrCancerDerived	*	3.92E-11	INHALATION
390	ALL	486952.44	3674320.69	0.00000895	100414 Ethyl Benzene	3.78E-11	30YrCancerDerived	*	3.78E-11	INHALATION
391	ALL	486973.28	3674320.69	0.00000886	100414 Ethyl Benzene	3.74E-11	30YrCancerDerived	*	3.74E-11	INHALATION
392	ALL	486994.12	3674320.69	0.00000897	100414 Ethyl Benzene	3.79E-11	30YrCancerDerived	*	3.79E-11	INHALATION
393	ALL	487014.96	3674320.69	0.00000923	100414 Ethyl Benzene	3.90E-11	30YrCancerDerived	*	3.90E-11	INHALATION
394	ALL	487035.8	3674320.69	0.00000941	100414 Ethyl Benzene	3.97E-11	30YrCancerDerived	*	3.97E-11	INHALATION
395	ALL	487056.64	3674320.69	0.0000095	100414 Ethyl Benzene	4.01E-11	30YrCancerDerived	*	4.01E-11	INHALATION
396	ALL	487077.48	3674320.69	0.00000986	100414 Ethyl Benzene	4.16E-11	30YrCancerDerived	*	4.16E-11	INHALATION
397	ALL	487098.32	3674320.69	0.0000105	100414 Ethyl Benzene	4.43E-11	30YrCancerDerived	*	4.43E-11	INHALATION
398	ALL	487119.16	3674320.69	0.000011	100414 Ethyl Benzene	4.67E-11	30YrCancerDerived	*	4.67E-11	INHALATION
399	ALL	487140	3674320.69	0.0000117	100414 Ethyl Benzene	4.93E-11	30YrCancerDerived	*	4.93E-11	INHALATION
400	ALL	487160.84	3674320.69	0.0000123	100414 Ethyl Benzene	5.20E-11	30YrCancerDerived	*	5.20E-11	INHALATION
401	ALL	487181.68	3674320.69	0.0000134	100414 Ethyl Benzene	5.65E-11	30YrCancerDerived	*	5.65E-11	INHALATION
402	ALL	486848.24	3674340.57	0.0000376	100414 Ethyl Benzene	1.59E-10	30YrCancerDerived	*	1.59E-10	INHALATION
403	ALL	486869.08	3674340.57	0.0000247	100414 Ethyl Benzene	1.04E-10	30YrCancerDerived	*	1.04E-10	INHALATION
404	ALL	486889.92	3674340.57	0.0000168	100414 Ethyl Benzene	7.07E-11	30YrCancerDerived	*	7.07E-11	INHALATION
405	ALL	486910.76	3674340.57	0.0000119	100414 Ethyl Benzene	5.03E-11	30YrCancerDerived	*	5.03E-11	INHALATION
406	ALL	486931.6	3674340.57	0.00000953	100414 Ethyl Benzene	4.02E-11	30YrCancerDerived	*	4.02E-11	INHALATION
407	ALL	486952.44	3674340.57	0.00000907	100414 Ethyl Benzene	3.83E-11	30YrCancerDerived	*	3.83E-11	INHALATION
408	ALL	486973.28	3674340.57	0.00000908	100414 Ethyl Benzene	3.83E-11	30YrCancerDerived	*	3.83E-11	INHALATION
409	ALL	486994.12	3674340.57	0.00000928	100414 Ethyl Benzene	3.92E-11	30YrCancerDerived	*	3.92E-11	INHALATION
410	ALL	487014.96	3674340.57	0.00000951	100414 Ethyl Benzene	4.02E-11	30YrCancerDerived	*	4.02E-11	INHALATION
411	ALL	487035.8	3674340.57	0.00000958	100414 Ethyl Benzene	4.05E-11	30YrCancerDerived	*	4.05E-11	INHALATION
412	ALL	487056.64	3674340.57	0.00000968	100414 Ethyl Benzene	4.09E-11	30YrCancerDerived	*	4.09E-11	INHALATION
413	ALL	487077.48	3674340.57	0.00001	100414 Ethyl Benzene	4.24E-11	30YrCancerDerived	*	4.24E-11	INHALATION
414	ALL	487098.32	3674340.57	0.0000106	100414 Ethyl Benzene	4.49E-11	30YrCancerDerived	*	4.49E-11	INHALATION

415	ALL	487119.16	3674340.57	0.0000112	100414	Ethyl Benzene	4.72E-11	30YrCancerDerived	*	4.72E-11	INHALATION
416	ALL	487140	3674340.57	0.0000119	100414	Ethyl Benzene	5.02E-11	30YrCancerDerived	*	5.02E-11	INHALATION
417	ALL	487160.84	3674340.57	0.0000129	100414	Ethyl Benzene	5.43E-11	30YrCancerDerived	*	5.43E-11	INHALATION
418	ALL	487181.68	3674340.57	0.0000141	100414	Ethyl Benzene	5.97E-11	30YrCancerDerived	*	5.97E-11	INHALATION
419	ALL	486806.56	3674360.45	0.0000676	100414	Ethyl Benzene	2.85E-10	30YrCancerDerived	*	2.85E-10	INHALATION
420	ALL	486827.4	3674360.45	0.000051	100414	Ethyl Benzene	2.15E-10	30YrCancerDerived	*	2.15E-10	INHALATION
421	ALL	486848.24	3674360.45	0.000038	100414	Ethyl Benzene	1.60E-10	30YrCancerDerived	*	1.60E-10	INHALATION
422	ALL	486869.08	3674360.45	0.0000273	100414	Ethyl Benzene	1.15E-10	30YrCancerDerived	*	1.15E-10	INHALATION
423	ALL	486889.92	3674360.45	0.000019	100414	Ethyl Benzene	8.03E-11	30YrCancerDerived	*	8.03E-11	INHALATION
424	ALL	486910.76	3674360.45	0.0000134	100414	Ethyl Benzene	5.64E-11	30YrCancerDerived	*	5.64E-11	INHALATION
425	ALL	486931.6	3674360.45	0.0000105	100414	Ethyl Benzene	4.45E-11	30YrCancerDerived	*	4.45E-11	INHALATION
426	ALL	486952.44	3674360.45	0.00000955	100414	Ethyl Benzene	4.03E-11	30YrCancerDerived	*	4.03E-11	INHALATION
427	ALL	486973.28	3674360.45	0.00000952	100414	Ethyl Benzene	4.02E-11	30YrCancerDerived	*	4.02E-11	INHALATION
428	ALL	486994.12	3674360.45	0.0000097	100414	Ethyl Benzene	4.10E-11	30YrCancerDerived	*	4.10E-11	INHALATION
429	ALL	487014.96	3674360.45	0.00000977	100414	Ethyl Benzene	4.13E-11	30YrCancerDerived	*	4.13E-11	INHALATION
430	ALL	487035.8	3674360.45	0.00000977	100414	Ethyl Benzene	4.12E-11	30YrCancerDerived	*	4.12E-11	INHALATION
431	ALL	487056.64	3674360.45	0.00000988	100414	Ethyl Benzene	4.17E-11	30YrCancerDerived	*	4.17E-11	INHALATION
432	ALL	487077.48	3674360.45	0.0000102	100414	Ethyl Benzene	4.32E-11	30YrCancerDerived	*	4.32E-11	INHALATION
433	ALL	487098.32	3674360.45	0.0000107	100414	Ethyl Benzene	4.53E-11	30YrCancerDerived	*	4.53E-11	INHALATION
434	ALL	487119.16	3674360.45	0.0000112	100414	Ethyl Benzene	4.74E-11	30YrCancerDerived	*	4.74E-11	INHALATION
435	ALL	487140	3674360.45	0.0000119	100414	Ethyl Benzene	5.00E-11	30YrCancerDerived	*	5.00E-11	INHALATION
436	ALL	487160.84	3674360.45	0.0000131	100414	Ethyl Benzene	5.51E-11	30YrCancerDerived	*	5.51E-11	INHALATION
437	ALL	487181.68	3674360.45	0.0000148	100414	Ethyl Benzene	6.23E-11	30YrCancerDerived	*	6.23E-11	INHALATION
438	ALL	486785.72	3674380.33	0.000055	100414	Ethyl Benzene	2.32E-10	30YrCancerDerived	*	2.32E-10	INHALATION
439	ALL	486806.56	3674380.33	0.0000533	100414	Ethyl Benzene	2.25E-10	30YrCancerDerived	*	2.25E-10	INHALATION
440	ALL	486827.4	3674380.33	0.0000444	100414	Ethyl Benzene	1.87E-10	30YrCancerDerived	*	1.87E-10	INHALATION
441	ALL	486848.24	3674380.33	0.0000358	100414	Ethyl Benzene	1.51E-10	30YrCancerDerived	*	1.51E-10	INHALATION
442	ALL	486869.08	3674380.33	0.0000283	100414	Ethyl Benzene	1.20E-10	30YrCancerDerived	*	1.20E-10	INHALATION
443	ALL	486889.92	3674380.33	0.0000213	100414	Ethyl Benzene	8.99E-11	30YrCancerDerived	*	8.99E-11	INHALATION
444	ALL	486910.76	3674380.33	0.0000151	100414	Ethyl Benzene	6.38E-11	30YrCancerDerived	*	6.38E-11	INHALATION
445	ALL	486931.6	3674380.33	0.0000123	100414	Ethyl Benzene	5.21E-11	30YrCancerDerived	*	5.21E-11	INHALATION
446	ALL	486952.44	3674380.33	0.0000108	100414	Ethyl Benzene	4.55E-11	30YrCancerDerived	*	4.55E-11	INHALATION
447	ALL	486973.28	3674380.33	0.0000102	100414	Ethyl Benzene	4.32E-11	30YrCancerDerived	*	4.32E-11	INHALATION
448	ALL	486994.12	3674380.33	0.0000102	100414	Ethyl Benzene	4.31E-11	30YrCancerDerived	*	4.31E-11	INHALATION
449	ALL	487014.96	3674380.33	0.00001	100414	Ethyl Benzene	4.24E-11	30YrCancerDerived	*	4.24E-11	INHALATION

450 ALL	487035.8	3674380.33	0.00000992	100414 Ethyl Benzene	4.19E-11 30YrCancerDerived	*	4.19E-11 INHALATION
451 ALL	487056.64	3674380.33	0.0000101	100414 Ethyl Benzene	4.27E-11 30YrCancerDerived	*	4.27E-11 INHALATION
452 ALL	487077.48	3674380.33	0.0000105	100414 Ethyl Benzene	4.42E-11 30YrCancerDerived	*	4.42E-11 INHALATION
453 ALL	487098.32	3674380.33	0.0000109	100414 Ethyl Benzene	4.59E-11 30YrCancerDerived	*	4.59E-11 INHALATION
454 ALL	487119.16	3674380.33	0.0000113	100414 Ethyl Benzene	4.78E-11 30YrCancerDerived	*	4.78E-11 INHALATION
455 ALL	487140	3674380.33	0.0000119	100414 Ethyl Benzene	5.02E-11 30YrCancerDerived	*	5.02E-11 INHALATION
456 ALL	487160.84	3674380.33	0.0000128	100414 Ethyl Benzene	5.39E-11 30YrCancerDerived	*	5.39E-11 INHALATION
457 ALL	487181.68	3674380.33	0.0000144	100414 Ethyl Benzene	6.07E-11 30YrCancerDerived	*	6.07E-11 INHALATION
458 ALL	486702.36	3674400.21	0.0000175	100414 Ethyl Benzene	7.40E-11 30YrCancerDerived	*	7.40E-11 INHALATION
459 ALL	486723.2	3674400.21	0.0000214	100414 Ethyl Benzene	9.05E-11 30YrCancerDerived	*	9.05E-11 INHALATION
460 ALL	486744.04	3674400.21	0.0000297	100414 Ethyl Benzene	1.25E-10 30YrCancerDerived	*	1.25E-10 INHALATION
461 ALL	486764.88	3674400.21	0.0000433	100414 Ethyl Benzene	1.83E-10 30YrCancerDerived	*	1.83E-10 INHALATION
462 ALL	486785.72	3674400.21	0.0000501	100414 Ethyl Benzene	2.12E-10 30YrCancerDerived	*	2.12E-10 INHALATION
463 ALL	486806.56	3674400.21	0.0000426	100414 Ethyl Benzene	1.80E-10 30YrCancerDerived	*	1.80E-10 INHALATION
464 ALL	486827.4	3674400.21	0.000036	100414 Ethyl Benzene	1.52E-10 30YrCancerDerived	*	1.52E-10 INHALATION
465 ALL	486848.24	3674400.21	0.0000334	100414 Ethyl Benzene	1.41E-10 30YrCancerDerived	*	1.41E-10 INHALATION
466 ALL	486869.08	3674400.21	0.0000295	100414 Ethyl Benzene	1.24E-10 30YrCancerDerived	*	1.24E-10 INHALATION
467 ALL	486889.92	3674400.21	0.0000224	100414 Ethyl Benzene	9.45E-11 30YrCancerDerived	*	9.45E-11 INHALATION
468 ALL	486910.76	3674400.21	0.0000169	100414 Ethyl Benzene	7.13E-11 30YrCancerDerived	*	7.13E-11 INHALATION
469 ALL	486931.6	3674400.21	0.0000143	100414 Ethyl Benzene	6.03E-11 30YrCancerDerived	*	6.03E-11 INHALATION
470 ALL	486952.44	3674400.21	0.0000126	100414 Ethyl Benzene	5.34E-11 30YrCancerDerived	*	5.34E-11 INHALATION
471 ALL	486973.28	3674400.21	0.0000115	100414 Ethyl Benzene	4.86E-11 30YrCancerDerived	*	4.86E-11 INHALATION
472 ALL	486994.12	3674400.21	0.0000109	100414 Ethyl Benzene	4.59E-11 30YrCancerDerived	*	4.59E-11 INHALATION
473 ALL	487014.96	3674400.21	0.0000103	100414 Ethyl Benzene	4.36E-11 30YrCancerDerived	*	4.36E-11 INHALATION
474 ALL	487035.8	3674400.21	0.0000102	100414 Ethyl Benzene	4.30E-11 30YrCancerDerived	*	4.30E-11 INHALATION
475 ALL	487056.64	3674400.21	0.0000104	100414 Ethyl Benzene	4.37E-11 30YrCancerDerived	*	4.37E-11 INHALATION
476 ALL	487077.48	3674400.21	0.0000106	100414 Ethyl Benzene	4.49E-11 30YrCancerDerived	*	4.49E-11 INHALATION
477 ALL	487098.32	3674400.21	0.000011	100414 Ethyl Benzene	4.66E-11 30YrCancerDerived	*	4.66E-11 INHALATION
478 ALL	487119.16	3674400.21	0.0000115	100414 Ethyl Benzene	4.87E-11 30YrCancerDerived	*	4.87E-11 INHALATION
479 ALL	487140	3674400.21	0.0000121	100414 Ethyl Benzene	5.11E-11 30YrCancerDerived	*	5.11E-11 INHALATION
480 ALL	487160.84	3674400.21	0.0000129	100414 Ethyl Benzene	5.46E-11 30YrCancerDerived	*	5.46E-11 INHALATION
481 ALL	487181.68	3674400.21	0.0000142	100414 Ethyl Benzene	6.00E-11 30YrCancerDerived	*	6.00E-11 INHALATION
482 ALL	486619	3674420.09	0.00000898	100414 Ethyl Benzene	3.79E-11 30YrCancerDerived	*	3.79E-11 INHALATION
483 ALL	486639.84	3674420.09	0.0000105	100414 Ethyl Benzene	4.42E-11 30YrCancerDerived	*	4.42E-11 INHALATION
484 ALL	486660.68	3674420.09	0.0000123	100414 Ethyl Benzene	5.18E-11 30YrCancerDerived	*	5.18E-11 INHALATION

485 ALL	486681.52	3674420.09	0.0000147	100414 Ethyl Benzene	6.19E-11 30YrCancerDerived	*	6.19E-11 INHALATION
486 ALL	486702.36	3674420.09	0.0000185	100414 Ethyl Benzene	7.82E-11 30YrCancerDerived	*	7.82E-11 INHALATION
487 ALL	486723.2	3674420.09	0.0000229	100414 Ethyl Benzene	9.68E-11 30YrCancerDerived	*	9.68E-11 INHALATION
488 ALL	486744.04	3674420.09	0.000031	100414 Ethyl Benzene	1.31E-10 30YrCancerDerived	*	1.31E-10 INHALATION
489 ALL	486764.88	3674420.09	0.0000434	100414 Ethyl Benzene	1.83E-10 30YrCancerDerived	*	1.83E-10 INHALATION
490 ALL	486785.72	3674420.09	0.000048	100414 Ethyl Benzene	2.03E-10 30YrCancerDerived	*	2.03E-10 INHALATION
491 ALL	486806.56	3674420.09	0.0000387	100414 Ethyl Benzene	1.63E-10 30YrCancerDerived	*	1.63E-10 INHALATION
492 ALL	486827.4	3674420.09	0.0000294	100414 Ethyl Benzene	1.24E-10 30YrCancerDerived	*	1.24E-10 INHALATION
493 ALL	486848.24	3674420.09	0.0000273	100414 Ethyl Benzene	1.15E-10 30YrCancerDerived	*	1.15E-10 INHALATION
494 ALL	486869.08	3674420.09	0.0000276	100414 Ethyl Benzene	1.16E-10 30YrCancerDerived	*	1.16E-10 INHALATION
495 ALL	486889.92	3674420.09	0.0000234	100414 Ethyl Benzene	9.89E-11 30YrCancerDerived	*	9.89E-11 INHALATION
496 ALL	486910.76	3674420.09	0.0000184	100414 Ethyl Benzene	7.77E-11 30YrCancerDerived	*	7.77E-11 INHALATION
497 ALL	486931.6	3674420.09	0.000016	100414 Ethyl Benzene	6.76E-11 30YrCancerDerived	*	6.76E-11 INHALATION
498 ALL	486952.44	3674420.09	0.0000144	100414 Ethyl Benzene	6.10E-11 30YrCancerDerived	*	6.10E-11 INHALATION
499 ALL	486973.28	3674420.09	0.0000131	100414 Ethyl Benzene	5.53E-11 30YrCancerDerived	*	5.53E-11 INHALATION
500 ALL	486994.12	3674420.09	0.0000116	100414 Ethyl Benzene	4.88E-11 30YrCancerDerived	*	4.88E-11 INHALATION
501 ALL	487014.96	3674420.09	0.000011	100414 Ethyl Benzene	4.65E-11 30YrCancerDerived	*	4.65E-11 INHALATION
502 ALL	487035.8	3674420.09	0.0000107	100414 Ethyl Benzene	4.51E-11 30YrCancerDerived	*	4.51E-11 INHALATION
503 ALL	487056.64	3674420.09	0.0000108	100414 Ethyl Benzene	4.55E-11 30YrCancerDerived	*	4.55E-11 INHALATION
504 ALL	487077.48	3674420.09	0.0000108	100414 Ethyl Benzene	4.57E-11 30YrCancerDerived	*	4.57E-11 INHALATION
505 ALL	487098.32	3674420.09	0.0000112	100414 Ethyl Benzene	4.73E-11 30YrCancerDerived	*	4.73E-11 INHALATION
506 ALL	487119.16	3674420.09	0.0000117	100414 Ethyl Benzene	4.94E-11 30YrCancerDerived	*	4.94E-11 INHALATION
507 ALL	487140	3674420.09	0.0000124	100414 Ethyl Benzene	5.24E-11 30YrCancerDerived	*	5.24E-11 INHALATION
508 ALL	487160.84	3674420.09	0.0000136	100414 Ethyl Benzene	5.73E-11 30YrCancerDerived	*	5.73E-11 INHALATION
509 ALL	487181.68	3674420.09	0.0000148	100414 Ethyl Benzene	6.25E-11 30YrCancerDerived	*	6.25E-11 INHALATION
510 ALL	486577.32	3674439.97	0.00000758	100414 Ethyl Benzene	3.20E-11 30YrCancerDerived	*	3.20E-11 INHALATION
511 ALL	486598.16	3674439.97	0.00000822	100414 Ethyl Benzene	3.47E-11 30YrCancerDerived	*	3.47E-11 INHALATION
512 ALL	486619	3674439.97	0.00000934	100414 Ethyl Benzene	3.94E-11 30YrCancerDerived	*	3.94E-11 INHALATION
513 ALL	486639.84	3674439.97	0.0000112	100414 Ethyl Benzene	4.75E-11 30YrCancerDerived	*	4.75E-11 INHALATION
514 ALL	486660.68	3674439.97	0.0000135	100414 Ethyl Benzene	5.71E-11 30YrCancerDerived	*	5.71E-11 INHALATION
515 ALL	486681.52	3674439.97	0.0000173	100414 Ethyl Benzene	7.31E-11 30YrCancerDerived	*	7.31E-11 INHALATION
516 ALL	486702.36	3674439.97	0.00002	100414 Ethyl Benzene	8.44E-11 30YrCancerDerived	*	8.44E-11 INHALATION
517 ALL	486723.2	3674439.97	0.0000252	100414 Ethyl Benzene	1.06E-10 30YrCancerDerived	*	1.06E-10 INHALATION
518 ALL	486744.04	3674439.97	0.0000328	100414 Ethyl Benzene	1.39E-10 30YrCancerDerived	*	1.39E-10 INHALATION
519 ALL	486764.88	3674439.97	0.0000411	100414 Ethyl Benzene	1.74E-10 30YrCancerDerived	*	1.74E-10 INHALATION

520 ALL	486785.72	3674439.97	0.0000437	100414 Ethyl Benzene	1.85E-10 30YrCancerDerived	*	1.85E-10 INHALATION
521 ALL	486806.56	3674439.97	0.0000349	100414 Ethyl Benzene	1.48E-10 30YrCancerDerived	*	1.48E-10 INHALATION
522 ALL	486827.4	3674439.97	0.0000253	100414 Ethyl Benzene	1.07E-10 30YrCancerDerived	*	1.07E-10 INHALATION
523 ALL	486848.24	3674439.97	0.0000211	100414 Ethyl Benzene	8.91E-11 30YrCancerDerived	*	8.91E-11 INHALATION
524 ALL	486869.08	3674439.97	0.0000211	100414 Ethyl Benzene	8.93E-11 30YrCancerDerived	*	8.93E-11 INHALATION
525 ALL	486889.92	3674439.97	0.0000218	100414 Ethyl Benzene	9.20E-11 30YrCancerDerived	*	9.20E-11 INHALATION
526 ALL	486910.76	3674439.97	0.0000193	100414 Ethyl Benzene	8.16E-11 30YrCancerDerived	*	8.16E-11 INHALATION
527 ALL	486931.6	3674439.97	0.0000173	100414 Ethyl Benzene	7.29E-11 30YrCancerDerived	*	7.29E-11 INHALATION
528 ALL	486952.44	3674439.97	0.0000159	100414 Ethyl Benzene	6.73E-11 30YrCancerDerived	*	6.73E-11 INHALATION
529 ALL	486973.28	3674439.97	0.0000144	100414 Ethyl Benzene	6.08E-11 30YrCancerDerived	*	6.08E-11 INHALATION
530 ALL	486994.12	3674439.97	0.0000126	100414 Ethyl Benzene	5.31E-11 30YrCancerDerived	*	5.31E-11 INHALATION
531 ALL	487014.96	3674439.97	0.0000116	100414 Ethyl Benzene	4.90E-11 30YrCancerDerived	*	4.90E-11 INHALATION
532 ALL	487035.8	3674439.97	0.0000112	100414 Ethyl Benzene	4.73E-11 30YrCancerDerived	*	4.73E-11 INHALATION
533 ALL	487056.64	3674439.97	0.000011	100414 Ethyl Benzene	4.62E-11 30YrCancerDerived	*	4.62E-11 INHALATION
534 ALL	487077.48	3674439.97	0.000011	100414 Ethyl Benzene	4.63E-11 30YrCancerDerived	*	4.63E-11 INHALATION
535 ALL	487098.32	3674439.97	0.0000112	100414 Ethyl Benzene	4.75E-11 30YrCancerDerived	*	4.75E-11 INHALATION
536 ALL	487119.16	3674439.97	0.0000118	100414 Ethyl Benzene	4.96E-11 30YrCancerDerived	*	4.96E-11 INHALATION
537 ALL	487140	3674439.97	0.0000125	100414 Ethyl Benzene	5.27E-11 30YrCancerDerived	*	5.27E-11 INHALATION
538 ALL	487160.84	3674439.97	0.0000136	100414 Ethyl Benzene	5.74E-11 30YrCancerDerived	*	5.74E-11 INHALATION
539 ALL	487181.68	3674439.97	0.000015	100414 Ethyl Benzene	6.34E-11 30YrCancerDerived	*	6.34E-11 INHALATION
540 ALL	486556.48	3674459.85	0.00000712	100414 Ethyl Benzene	3.01E-11 30YrCancerDerived	*	3.01E-11 INHALATION
541 ALL	486577.32	3674459.85	0.00000737	100414 Ethyl Benzene	3.11E-11 30YrCancerDerived	*	3.11E-11 INHALATION
542 ALL	486598.16	3674459.85	0.00000775	100414 Ethyl Benzene	3.27E-11 30YrCancerDerived	*	3.27E-11 INHALATION
543 ALL	486619	3674459.85	0.00000846	100414 Ethyl Benzene	3.57E-11 30YrCancerDerived	*	3.57E-11 INHALATION
544 ALL	486639.84	3674459.85	0.0000103	100414 Ethyl Benzene	4.36E-11 30YrCancerDerived	*	4.36E-11 INHALATION
545 ALL	486660.68	3674459.85	0.0000129	100414 Ethyl Benzene	5.44E-11 30YrCancerDerived	*	5.44E-11 INHALATION
546 ALL	486681.52	3674459.85	0.0000153	100414 Ethyl Benzene	6.48E-11 30YrCancerDerived	*	6.48E-11 INHALATION
547 ALL	486702.36	3674459.85	0.0000178	100414 Ethyl Benzene	7.52E-11 30YrCancerDerived	*	7.52E-11 INHALATION
548 ALL	486723.2	3674459.85	0.0000216	100414 Ethyl Benzene	9.10E-11 30YrCancerDerived	*	9.10E-11 INHALATION
549 ALL	486744.04	3674459.85	0.0000265	100414 Ethyl Benzene	1.12E-10 30YrCancerDerived	*	1.12E-10 INHALATION
550 ALL	486764.88	3674459.85	0.0000312	100414 Ethyl Benzene	1.32E-10 30YrCancerDerived	*	1.32E-10 INHALATION
551 ALL	486785.72	3674459.85	0.0000344	100414 Ethyl Benzene	1.45E-10 30YrCancerDerived	*	1.45E-10 INHALATION
552 ALL	486806.56	3674459.85	0.0000306	100414 Ethyl Benzene	1.29E-10 30YrCancerDerived	*	1.29E-10 INHALATION
553 ALL	486827.4	3674459.85	0.0000225	100414 Ethyl Benzene	9.51E-11 30YrCancerDerived	*	9.51E-11 INHALATION
554 ALL	486848.24	3674459.85	0.0000171	100414 Ethyl Benzene	7.21E-11 30YrCancerDerived	*	7.21E-11 INHALATION

555 ALL	486869.08	3674459.85	0.0000166	100414 Ethyl Benzene	7.01E-11 30YrCancerDerived	*	7.01E-11 INHALATION
556 ALL	486889.92	3674459.85	0.0000176	100414 Ethyl Benzene	7.45E-11 30YrCancerDerived	*	7.45E-11 INHALATION
557 ALL	486910.76	3674459.85	0.0000165	100414 Ethyl Benzene	6.96E-11 30YrCancerDerived	*	6.96E-11 INHALATION
558 ALL	486931.6	3674459.85	0.0000156	100414 Ethyl Benzene	6.58E-11 30YrCancerDerived	*	6.58E-11 INHALATION
559 ALL	486952.44	3674459.85	0.0000158	100414 Ethyl Benzene	6.68E-11 30YrCancerDerived	*	6.68E-11 INHALATION
560 ALL	486973.28	3674459.85	0.0000148	100414 Ethyl Benzene	6.24E-11 30YrCancerDerived	*	6.24E-11 INHALATION
561 ALL	486994.12	3674459.85	0.0000132	100414 Ethyl Benzene	5.55E-11 30YrCancerDerived	*	5.55E-11 INHALATION
562 ALL	487014.96	3674459.85	0.0000117	100414 Ethyl Benzene	4.93E-11 30YrCancerDerived	*	4.93E-11 INHALATION
563 ALL	487035.8	3674459.85	0.0000111	100414 Ethyl Benzene	4.70E-11 30YrCancerDerived	*	4.70E-11 INHALATION
564 ALL	487056.64	3674459.85	0.0000111	100414 Ethyl Benzene	4.69E-11 30YrCancerDerived	*	4.69E-11 INHALATION
565 ALL	487077.48	3674459.85	0.0000111	100414 Ethyl Benzene	4.70E-11 30YrCancerDerived	*	4.70E-11 INHALATION
566 ALL	487098.32	3674459.85	0.0000113	100414 Ethyl Benzene	4.78E-11 30YrCancerDerived	*	4.78E-11 INHALATION
567 ALL	487119.16	3674459.85	0.0000117	100414 Ethyl Benzene	4.96E-11 30YrCancerDerived	*	4.96E-11 INHALATION
568 ALL	487140	3674459.85	0.0000123	100414 Ethyl Benzene	5.19E-11 30YrCancerDerived	*	5.19E-11 INHALATION
569 ALL	487160.84	3674459.85	0.000013	100414 Ethyl Benzene	5.47E-11 30YrCancerDerived	*	5.47E-11 INHALATION
570 ALL	487181.68	3674459.85	0.0000143	100414 Ethyl Benzene	6.04E-11 30YrCancerDerived	*	6.04E-11 INHALATION
571 ALL	486535.64	3674479.73	0.00000693	100414 Ethyl Benzene	2.93E-11 30YrCancerDerived	*	2.93E-11 INHALATION
572 ALL	486556.48	3674479.73	0.00000702	100414 Ethyl Benzene	2.96E-11 30YrCancerDerived	*	2.96E-11 INHALATION
573 ALL	486577.32	3674479.73	0.0000072	100414 Ethyl Benzene	3.04E-11 30YrCancerDerived	*	3.04E-11 INHALATION
574 ALL	486598.16	3674479.73	0.00000755	100414 Ethyl Benzene	3.19E-11 30YrCancerDerived	*	3.19E-11 INHALATION
575 ALL	486619	3674479.73	0.00000806	100414 Ethyl Benzene	3.40E-11 30YrCancerDerived	*	3.40E-11 INHALATION
576 ALL	486639.84	3674479.73	0.00000964	100414 Ethyl Benzene	4.07E-11 30YrCancerDerived	*	4.07E-11 INHALATION
577 ALL	486660.68	3674479.73	0.0000116	100414 Ethyl Benzene	4.91E-11 30YrCancerDerived	*	4.91E-11 INHALATION
578 ALL	486681.52	3674479.73	0.0000129	100414 Ethyl Benzene	5.43E-11 30YrCancerDerived	*	5.43E-11 INHALATION
579 ALL	486702.36	3674479.73	0.0000148	100414 Ethyl Benzene	6.25E-11 30YrCancerDerived	*	6.25E-11 INHALATION
580 ALL	486723.2	3674479.73	0.0000182	100414 Ethyl Benzene	7.69E-11 30YrCancerDerived	*	7.69E-11 INHALATION
581 ALL	486744.04	3674479.73	0.0000215	100414 Ethyl Benzene	9.07E-11 30YrCancerDerived	*	9.07E-11 INHALATION
582 ALL	486764.88	3674479.73	0.0000233	100414 Ethyl Benzene	9.84E-11 30YrCancerDerived	*	9.84E-11 INHALATION
583 ALL	486785.72	3674479.73	0.0000259	100414 Ethyl Benzene	1.09E-10 30YrCancerDerived	*	1.09E-10 INHALATION
584 ALL	486806.56	3674479.73	0.0000244	100414 Ethyl Benzene	1.03E-10 30YrCancerDerived	*	1.03E-10 INHALATION
585 ALL	486827.4	3674479.73	0.0000201	100414 Ethyl Benzene	8.49E-11 30YrCancerDerived	*	8.49E-11 INHALATION
586 ALL	486848.24	3674479.73	0.0000155	100414 Ethyl Benzene	6.53E-11 30YrCancerDerived	*	6.53E-11 INHALATION
587 ALL	486869.08	3674479.73	0.000014	100414 Ethyl Benzene	5.92E-11 30YrCancerDerived	*	5.92E-11 INHALATION
588 ALL	486889.92	3674479.73	0.0000143	100414 Ethyl Benzene	6.05E-11 30YrCancerDerived	*	6.05E-11 INHALATION
589 ALL	486910.76	3674479.73	0.0000145	100414 Ethyl Benzene	6.11E-11 30YrCancerDerived	*	6.11E-11 INHALATION

590	ALL	486931.6	3674479.73	0.0000143	100414	Ethyl Benzene	6.05E-11	30YrCancerDerived	*	6.05E-11	INHALATION
591	ALL	486952.44	3674479.73	0.0000146	100414	Ethyl Benzene	6.16E-11	30YrCancerDerived	*	6.16E-11	INHALATION
592	ALL	486973.28	3674479.73	0.0000143	100414	Ethyl Benzene	6.02E-11	30YrCancerDerived	*	6.02E-11	INHALATION
593	ALL	486994.12	3674479.73	0.0000129	100414	Ethyl Benzene	5.45E-11	30YrCancerDerived	*	5.45E-11	INHALATION
594	ALL	487014.96	3674479.73	0.0000118	100414	Ethyl Benzene	4.99E-11	30YrCancerDerived	*	4.99E-11	INHALATION
595	ALL	487035.8	3674479.73	0.0000114	100414	Ethyl Benzene	4.79E-11	30YrCancerDerived	*	4.79E-11	INHALATION
596	ALL	487056.64	3674479.73	0.0000114	100414	Ethyl Benzene	4.81E-11	30YrCancerDerived	*	4.81E-11	INHALATION
597	ALL	487077.48	3674479.73	0.0000114	100414	Ethyl Benzene	4.83E-11	30YrCancerDerived	*	4.83E-11	INHALATION
598	ALL	487098.32	3674479.73	0.0000116	100414	Ethyl Benzene	4.89E-11	30YrCancerDerived	*	4.89E-11	INHALATION
599	ALL	487119.16	3674479.73	0.0000119	100414	Ethyl Benzene	5.02E-11	30YrCancerDerived	*	5.02E-11	INHALATION
600	ALL	487140	3674479.73	0.0000123	100414	Ethyl Benzene	5.18E-11	30YrCancerDerived	*	5.18E-11	INHALATION
601	ALL	487160.84	3674479.73	0.0000129	100414	Ethyl Benzene	5.46E-11	30YrCancerDerived	*	5.46E-11	INHALATION
602	ALL	486514.8	3674499.61	0.00000683	100414	Ethyl Benzene	2.88E-11	30YrCancerDerived	*	2.88E-11	INHALATION
603	ALL	486535.64	3674499.61	0.00000702	100414	Ethyl Benzene	2.96E-11	30YrCancerDerived	*	2.96E-11	INHALATION
604	ALL	486556.48	3674499.61	0.00000714	100414	Ethyl Benzene	3.02E-11	30YrCancerDerived	*	3.02E-11	INHALATION
605	ALL	486577.32	3674499.61	0.00000739	100414	Ethyl Benzene	3.12E-11	30YrCancerDerived	*	3.12E-11	INHALATION
606	ALL	486598.16	3674499.61	0.00000786	100414	Ethyl Benzene	3.32E-11	30YrCancerDerived	*	3.32E-11	INHALATION
607	ALL	486619	3674499.61	0.00000855	100414	Ethyl Benzene	3.61E-11	30YrCancerDerived	*	3.61E-11	INHALATION
608	ALL	486639.84	3674499.61	0.00000956	100414	Ethyl Benzene	4.04E-11	30YrCancerDerived	*	4.04E-11	INHALATION
609	ALL	486660.68	3674499.61	0.0000107	100414	Ethyl Benzene	4.52E-11	30YrCancerDerived	*	4.52E-11	INHALATION
610	ALL	486681.52	3674499.61	0.000011	100414	Ethyl Benzene	4.65E-11	30YrCancerDerived	*	4.65E-11	INHALATION
611	ALL	486702.36	3674499.61	0.0000125	100414	Ethyl Benzene	5.28E-11	30YrCancerDerived	*	5.28E-11	INHALATION
612	ALL	486723.2	3674499.61	0.0000153	100414	Ethyl Benzene	6.47E-11	30YrCancerDerived	*	6.47E-11	INHALATION
613	ALL	486744.04	3674499.61	0.0000162	100414	Ethyl Benzene	6.82E-11	30YrCancerDerived	*	6.82E-11	INHALATION
614	ALL	486764.88	3674499.61	0.0000174	100414	Ethyl Benzene	7.36E-11	30YrCancerDerived	*	7.36E-11	INHALATION
615	ALL	486785.72	3674499.61	0.0000203	100414	Ethyl Benzene	8.59E-11	30YrCancerDerived	*	8.59E-11	INHALATION
616	ALL	486806.56	3674499.61	0.0000179	100414	Ethyl Benzene	7.57E-11	30YrCancerDerived	*	7.57E-11	INHALATION
617	ALL	486827.4	3674499.61	0.0000155	100414	Ethyl Benzene	6.54E-11	30YrCancerDerived	*	6.54E-11	INHALATION
618	ALL	486848.24	3674499.61	0.0000137	100414	Ethyl Benzene	5.79E-11	30YrCancerDerived	*	5.79E-11	INHALATION
619	ALL	486869.08	3674499.61	0.0000126	100414	Ethyl Benzene	5.33E-11	30YrCancerDerived	*	5.33E-11	INHALATION
620	ALL	486889.92	3674499.61	0.0000126	100414	Ethyl Benzene	5.33E-11	30YrCancerDerived	*	5.33E-11	INHALATION
621	ALL	486910.76	3674499.61	0.0000133	100414	Ethyl Benzene	5.62E-11	30YrCancerDerived	*	5.62E-11	INHALATION
622	ALL	486931.6	3674499.61	0.0000133	100414	Ethyl Benzene	5.61E-11	30YrCancerDerived	*	5.61E-11	INHALATION
623	ALL	486952.44	3674499.61	0.0000133	100414	Ethyl Benzene	5.62E-11	30YrCancerDerived	*	5.62E-11	INHALATION
624	ALL	486973.28	3674499.61	0.0000135	100414	Ethyl Benzene	5.70E-11	30YrCancerDerived	*	5.70E-11	INHALATION

625 ALL	486994.12	3674499.61	0.0000131	100414 Ethyl Benzene	5.52E-11 30YrCancerDerived	*	5.52E-11 INHALATION
626 ALL	487014.96	3674499.61	0.0000121	100414 Ethyl Benzene	5.12E-11 30YrCancerDerived	*	5.12E-11 INHALATION
627 ALL	487035.8	3674499.61	0.0000117	100414 Ethyl Benzene	4.93E-11 30YrCancerDerived	*	4.93E-11 INHALATION
628 ALL	487056.64	3674499.61	0.0000117	100414 Ethyl Benzene	4.96E-11 30YrCancerDerived	*	4.96E-11 INHALATION
629 ALL	487077.48	3674499.61	0.0000119	100414 Ethyl Benzene	5.01E-11 30YrCancerDerived	*	5.01E-11 INHALATION
630 ALL	487098.32	3674499.61	0.000012	100414 Ethyl Benzene	5.08E-11 30YrCancerDerived	*	5.08E-11 INHALATION
631 ALL	487119.16	3674499.61	0.0000122	100414 Ethyl Benzene	5.17E-11 30YrCancerDerived	*	5.17E-11 INHALATION
632 ALL	487140	3674499.61	0.0000126	100414 Ethyl Benzene	5.34E-11 30YrCancerDerived	*	5.34E-11 INHALATION
633 ALL	487160.84	3674499.61	0.0000135	100414 Ethyl Benzene	5.71E-11 30YrCancerDerived	*	5.71E-11 INHALATION
634 ALL	486514.8	3674519.49	0.00000702	100414 Ethyl Benzene	2.97E-11 30YrCancerDerived	*	2.97E-11 INHALATION
635 ALL	486535.64	3674519.49	0.0000075	100414 Ethyl Benzene	3.17E-11 30YrCancerDerived	*	3.17E-11 INHALATION
636 ALL	486556.48	3674519.49	0.00000772	100414 Ethyl Benzene	3.26E-11 30YrCancerDerived	*	3.26E-11 INHALATION
637 ALL	486577.32	3674519.49	0.00000789	100414 Ethyl Benzene	3.33E-11 30YrCancerDerived	*	3.33E-11 INHALATION
638 ALL	486598.16	3674519.49	0.00000821	100414 Ethyl Benzene	3.47E-11 30YrCancerDerived	*	3.47E-11 INHALATION
639 ALL	486619	3674519.49	0.00000899	100414 Ethyl Benzene	3.79E-11 30YrCancerDerived	*	3.79E-11 INHALATION
640 ALL	486639.84	3674519.49	0.00000959	100414 Ethyl Benzene	4.05E-11 30YrCancerDerived	*	4.05E-11 INHALATION
641 ALL	486660.68	3674519.49	0.0000102	100414 Ethyl Benzene	4.32E-11 30YrCancerDerived	*	4.32E-11 INHALATION
642 ALL	486681.52	3674519.49	0.0000106	100414 Ethyl Benzene	4.49E-11 30YrCancerDerived	*	4.49E-11 INHALATION
643 ALL	486702.36	3674519.49	0.0000113	100414 Ethyl Benzene	4.79E-11 30YrCancerDerived	*	4.79E-11 INHALATION
644 ALL	486723.2	3674519.49	0.000013	100414 Ethyl Benzene	5.50E-11 30YrCancerDerived	*	5.50E-11 INHALATION
645 ALL	486744.04	3674519.49	0.000013	100414 Ethyl Benzene	5.47E-11 30YrCancerDerived	*	5.47E-11 INHALATION
646 ALL	486764.88	3674519.49	0.000014	100414 Ethyl Benzene	5.89E-11 30YrCancerDerived	*	5.89E-11 INHALATION
647 ALL	486785.72	3674519.49	0.0000165	100414 Ethyl Benzene	6.96E-11 30YrCancerDerived	*	6.96E-11 INHALATION
648 ALL	486806.56	3674519.49	0.0000149	100414 Ethyl Benzene	6.27E-11 30YrCancerDerived	*	6.27E-11 INHALATION
649 ALL	486827.4	3674519.49	0.0000123	100414 Ethyl Benzene	5.20E-11 30YrCancerDerived	*	5.20E-11 INHALATION
650 ALL	486848.24	3674519.49	0.0000113	100414 Ethyl Benzene	4.79E-11 30YrCancerDerived	*	4.79E-11 INHALATION
651 ALL	486869.08	3674519.49	0.000011	100414 Ethyl Benzene	4.64E-11 30YrCancerDerived	*	4.64E-11 INHALATION
652 ALL	486889.92	3674519.49	0.0000114	100414 Ethyl Benzene	4.82E-11 30YrCancerDerived	*	4.82E-11 INHALATION
653 ALL	486910.76	3674519.49	0.0000123	100414 Ethyl Benzene	5.21E-11 30YrCancerDerived	*	5.21E-11 INHALATION
654 ALL	486931.6	3674519.49	0.0000122	100414 Ethyl Benzene	5.15E-11 30YrCancerDerived	*	5.15E-11 INHALATION
655 ALL	486952.44	3674519.49	0.000012	100414 Ethyl Benzene	5.08E-11 30YrCancerDerived	*	5.08E-11 INHALATION
656 ALL	486973.28	3674519.49	0.0000122	100414 Ethyl Benzene	5.17E-11 30YrCancerDerived	*	5.17E-11 INHALATION
657 ALL	486994.12	3674519.49	0.0000123	100414 Ethyl Benzene	5.20E-11 30YrCancerDerived	*	5.20E-11 INHALATION
658 ALL	487014.96	3674519.49	0.000012	100414 Ethyl Benzene	5.08E-11 30YrCancerDerived	*	5.08E-11 INHALATION
659 ALL	487035.8	3674519.49	0.0000118	100414 Ethyl Benzene	4.99E-11 30YrCancerDerived	*	4.99E-11 INHALATION

660 ALL	487056.64	3674519.49	0.0000123	100414 Ethyl Benzene	5.20E-11 30YrCancerDerived	*	5.20E-11 INHALATION
661 ALL	486493.96	3674539.37	0.00000723	100414 Ethyl Benzene	3.05E-11 30YrCancerDerived	*	3.05E-11 INHALATION
662 ALL	486514.8	3674539.37	0.00000745	100414 Ethyl Benzene	3.14E-11 30YrCancerDerived	*	3.14E-11 INHALATION
663 ALL	486535.64	3674539.37	0.00000782	100414 Ethyl Benzene	3.30E-11 30YrCancerDerived	*	3.30E-11 INHALATION
664 ALL	486556.48	3674539.37	0.00000799	100414 Ethyl Benzene	3.37E-11 30YrCancerDerived	*	3.37E-11 INHALATION
665 ALL	486577.32	3674539.37	0.00000819	100414 Ethyl Benzene	3.46E-11 30YrCancerDerived	*	3.46E-11 INHALATION
666 ALL	486598.16	3674539.37	0.00000839	100414 Ethyl Benzene	3.54E-11 30YrCancerDerived	*	3.54E-11 INHALATION
667 ALL	486619	3674539.37	0.00000895	100414 Ethyl Benzene	3.78E-11 30YrCancerDerived	*	3.78E-11 INHALATION
668 ALL	486639.84	3674539.37	0.00000954	100414 Ethyl Benzene	4.03E-11 30YrCancerDerived	*	4.03E-11 INHALATION
669 ALL	486660.68	3674539.37	0.0000102	100414 Ethyl Benzene	4.29E-11 30YrCancerDerived	*	4.29E-11 INHALATION
670 ALL	486681.52	3674539.37	0.0000107	100414 Ethyl Benzene	4.51E-11 30YrCancerDerived	*	4.51E-11 INHALATION
671 ALL	486702.36	3674539.37	0.0000113	100414 Ethyl Benzene	4.77E-11 30YrCancerDerived	*	4.77E-11 INHALATION
672 ALL	486723.2	3674539.37	0.0000118	100414 Ethyl Benzene	4.97E-11 30YrCancerDerived	*	4.97E-11 INHALATION
673 ALL	486744.04	3674539.37	0.0000112	100414 Ethyl Benzene	4.72E-11 30YrCancerDerived	*	4.72E-11 INHALATION
674 ALL	486764.88	3674539.37	0.0000117	100414 Ethyl Benzene	4.93E-11 30YrCancerDerived	*	4.93E-11 INHALATION
675 ALL	486785.72	3674539.37	0.0000139	100414 Ethyl Benzene	5.86E-11 30YrCancerDerived	*	5.86E-11 INHALATION
676 ALL	486806.56	3674539.37	0.0000133	100414 Ethyl Benzene	5.63E-11 30YrCancerDerived	*	5.63E-11 INHALATION
677 ALL	486827.4	3674539.37	0.0000112	100414 Ethyl Benzene	4.75E-11 30YrCancerDerived	*	4.75E-11 INHALATION
678 ALL	486848.24	3674539.37	0.0000103	100414 Ethyl Benzene	4.36E-11 30YrCancerDerived	*	4.36E-11 INHALATION
679 ALL	486869.08	3674539.37	0.0000101	100414 Ethyl Benzene	4.28E-11 30YrCancerDerived	*	4.28E-11 INHALATION
680 ALL	486889.92	3674539.37	0.0000108	100414 Ethyl Benzene	4.57E-11 30YrCancerDerived	*	4.57E-11 INHALATION
681 ALL	486910.76	3674539.37	0.0000116	100414 Ethyl Benzene	4.90E-11 30YrCancerDerived	*	4.90E-11 INHALATION
682 ALL	486931.6	3674539.37	0.0000118	100414 Ethyl Benzene	4.97E-11 30YrCancerDerived	*	4.97E-11 INHALATION
683 ALL	486493.96	3674559.25	0.00000686	100414 Ethyl Benzene	2.90E-11 30YrCancerDerived	*	2.90E-11 INHALATION
684 ALL	486514.8	3674559.25	0.00000715	100414 Ethyl Benzene	3.02E-11 30YrCancerDerived	*	3.02E-11 INHALATION
685 ALL	486535.64	3674559.25	0.00000779	100414 Ethyl Benzene	3.29E-11 30YrCancerDerived	*	3.29E-11 INHALATION
686 ALL	486556.48	3674559.25	0.00000795	100414 Ethyl Benzene	3.36E-11 30YrCancerDerived	*	3.36E-11 INHALATION
687 ALL	486577.32	3674559.25	0.00000787	100414 Ethyl Benzene	3.32E-11 30YrCancerDerived	*	3.32E-11 INHALATION
688 ALL	486598.16	3674559.25	0.00000818	100414 Ethyl Benzene	3.45E-11 30YrCancerDerived	*	3.45E-11 INHALATION
689 ALL	486619	3674559.25	0.00000889	100414 Ethyl Benzene	3.75E-11 30YrCancerDerived	*	3.75E-11 INHALATION
690 ALL	486639.84	3674559.25	0.00000941	100414 Ethyl Benzene	3.97E-11 30YrCancerDerived	*	3.97E-11 INHALATION
691 ALL	486660.68	3674559.25	0.0000102	100414 Ethyl Benzene	4.29E-11 30YrCancerDerived	*	4.29E-11 INHALATION
692 ALL	486681.52	3674559.25	0.000011	100414 Ethyl Benzene	4.62E-11 30YrCancerDerived	*	4.62E-11 INHALATION
693 ALL	486702.36	3674559.25	0.0000113	100414 Ethyl Benzene	4.78E-11 30YrCancerDerived	*	4.78E-11 INHALATION
694 ALL	486723.2	3674559.25	0.0000113	100414 Ethyl Benzene	4.78E-11 30YrCancerDerived	*	4.78E-11 INHALATION

695 ALL	486744.04	3674559.25	0.0000109	100414 Ethyl Benzene	4.62E-11 30YrCancerDerived	*	4.62E-11 INHALATION
696 ALL	486764.88	3674559.25	0.0000113	100414 Ethyl Benzene	4.78E-11 30YrCancerDerived	*	4.78E-11 INHALATION
697 ALL	486785.72	3674559.25	0.0000128	100414 Ethyl Benzene	5.40E-11 30YrCancerDerived	*	5.40E-11 INHALATION
698 ALL	486806.56	3674559.25	0.0000125	100414 Ethyl Benzene	5.27E-11 30YrCancerDerived	*	5.27E-11 INHALATION
699 ALL	486827.4	3674559.25	0.0000112	100414 Ethyl Benzene	4.75E-11 30YrCancerDerived	*	4.75E-11 INHALATION
700 ALL	486848.24	3674559.25	0.0000104	100414 Ethyl Benzene	4.40E-11 30YrCancerDerived	*	4.40E-11 INHALATION
701 ALL	486869.08	3674559.25	0.0000102	100414 Ethyl Benzene	4.31E-11 30YrCancerDerived	*	4.31E-11 INHALATION
702 ALL	486889.92	3674559.25	0.0000107	100414 Ethyl Benzene	4.53E-11 30YrCancerDerived	*	4.53E-11 INHALATION
703 ALL	486910.76	3674559.25	0.000012	100414 Ethyl Benzene	5.05E-11 30YrCancerDerived	*	5.05E-11 INHALATION
704 ALL	486493.96	3674579.13	0.00000683	100414 Ethyl Benzene	2.88E-11 30YrCancerDerived	*	2.88E-11 INHALATION
705 ALL	486514.8	3674579.13	0.00000685	100414 Ethyl Benzene	2.89E-11 30YrCancerDerived	*	2.89E-11 INHALATION
706 ALL	486535.64	3674579.13	0.00000747	100414 Ethyl Benzene	3.15E-11 30YrCancerDerived	*	3.15E-11 INHALATION
707 ALL	486556.48	3674579.13	0.00000775	100414 Ethyl Benzene	3.27E-11 30YrCancerDerived	*	3.27E-11 INHALATION
708 ALL	486577.32	3674579.13	0.00000789	100414 Ethyl Benzene	3.33E-11 30YrCancerDerived	*	3.33E-11 INHALATION
709 ALL	486598.16	3674579.13	0.00000821	100414 Ethyl Benzene	3.47E-11 30YrCancerDerived	*	3.47E-11 INHALATION
710 ALL	486619	3674579.13	0.00000888	100414 Ethyl Benzene	3.75E-11 30YrCancerDerived	*	3.75E-11 INHALATION
711 ALL	486639.84	3674579.13	0.00000935	100414 Ethyl Benzene	3.95E-11 30YrCancerDerived	*	3.95E-11 INHALATION
712 ALL	486660.68	3674579.13	0.00000997	100414 Ethyl Benzene	4.21E-11 30YrCancerDerived	*	4.21E-11 INHALATION
713 ALL	486681.52	3674579.13	0.0000106	100414 Ethyl Benzene	4.47E-11 30YrCancerDerived	*	4.47E-11 INHALATION
714 ALL	486702.36	3674579.13	0.0000107	100414 Ethyl Benzene	4.51E-11 30YrCancerDerived	*	4.51E-11 INHALATION
715 ALL	486723.2	3674579.13	0.0000109	100414 Ethyl Benzene	4.59E-11 30YrCancerDerived	*	4.59E-11 INHALATION
716 ALL	486744.04	3674579.13	0.0000111	100414 Ethyl Benzene	4.67E-11 30YrCancerDerived	*	4.67E-11 INHALATION
717 ALL	486764.88	3674579.13	0.0000116	100414 Ethyl Benzene	4.91E-11 30YrCancerDerived	*	4.91E-11 INHALATION
718 ALL	486785.72	3674579.13	0.0000122	100414 Ethyl Benzene	5.17E-11 30YrCancerDerived	*	5.17E-11 INHALATION
719 ALL	486806.56	3674579.13	0.0000123	100414 Ethyl Benzene	5.19E-11 30YrCancerDerived	*	5.19E-11 INHALATION
720 ALL	486827.4	3674579.13	0.0000116	100414 Ethyl Benzene	4.90E-11 30YrCancerDerived	*	4.90E-11 INHALATION
721 ALL	486848.24	3674579.13	0.0000109	100414 Ethyl Benzene	4.62E-11 30YrCancerDerived	*	4.62E-11 INHALATION
722 ALL	486869.08	3674579.13	0.0000107	100414 Ethyl Benzene	4.50E-11 30YrCancerDerived	*	4.50E-11 INHALATION
723 ALL	486889.92	3674579.13	0.0000113	100414 Ethyl Benzene	4.78E-11 30YrCancerDerived	*	4.78E-11 INHALATION
724 ALL	486473.12	3674599.01	0.0000081	100414 Ethyl Benzene	3.42E-11 30YrCancerDerived	*	3.42E-11 INHALATION
725 ALL	486493.96	3674599.01	0.00000698	100414 Ethyl Benzene	2.95E-11 30YrCancerDerived	*	2.95E-11 INHALATION
726 ALL	486514.8	3674599.01	0.00000689	100414 Ethyl Benzene	2.91E-11 30YrCancerDerived	*	2.91E-11 INHALATION
727 ALL	486535.64	3674599.01	0.00000723	100414 Ethyl Benzene	3.05E-11 30YrCancerDerived	*	3.05E-11 INHALATION
728 ALL	486556.48	3674599.01	0.00000766	100414 Ethyl Benzene	3.23E-11 30YrCancerDerived	*	3.23E-11 INHALATION
729 ALL	486577.32	3674599.01	0.00000807	100414 Ethyl Benzene	3.41E-11 30YrCancerDerived	*	3.41E-11 INHALATION

730 ALL	486598.16	3674599.01	0.00000854	100414 Ethyl Benzene	3.60E-11 30YrCancerDerived	*	3.60E-11 INHALATION
731 ALL	486619	3674599.01	0.00000894	100414 Ethyl Benzene	3.77E-11 30YrCancerDerived	*	3.77E-11 INHALATION
732 ALL	486639.84	3674599.01	0.0000094	100414 Ethyl Benzene	3.97E-11 30YrCancerDerived	*	3.97E-11 INHALATION
733 ALL	486660.68	3674599.01	0.0000097	100414 Ethyl Benzene	4.10E-11 30YrCancerDerived	*	4.10E-11 INHALATION
734 ALL	486681.52	3674599.01	0.00000983	100414 Ethyl Benzene	4.15E-11 30YrCancerDerived	*	4.15E-11 INHALATION
735 ALL	486702.36	3674599.01	0.00000989	100414 Ethyl Benzene	4.18E-11 30YrCancerDerived	*	4.18E-11 INHALATION
736 ALL	486723.2	3674599.01	0.0000101	100414 Ethyl Benzene	4.26E-11 30YrCancerDerived	*	4.26E-11 INHALATION
737 ALL	486744.04	3674599.01	0.0000111	100414 Ethyl Benzene	4.69E-11 30YrCancerDerived	*	4.69E-11 INHALATION
738 ALL	486764.88	3674599.01	0.0000121	100414 Ethyl Benzene	5.10E-11 30YrCancerDerived	*	5.10E-11 INHALATION
739 ALL	486785.72	3674599.01	0.0000128	100414 Ethyl Benzene	5.39E-11 30YrCancerDerived	*	5.39E-11 INHALATION
740 ALL	486806.56	3674599.01	0.0000129	100414 Ethyl Benzene	5.43E-11 30YrCancerDerived	*	5.43E-11 INHALATION
741 ALL	486827.4	3674599.01	0.0000123	100414 Ethyl Benzene	5.19E-11 30YrCancerDerived	*	5.19E-11 INHALATION
742 ALL	486848.24	3674599.01	0.0000118	100414 Ethyl Benzene	4.99E-11 30YrCancerDerived	*	4.99E-11 INHALATION
743 ALL	486869.08	3674599.01	0.0000117	100414 Ethyl Benzene	4.94E-11 30YrCancerDerived	*	4.94E-11 INHALATION
744 ALL	486473.12	3674618.89	0.00000783	100414 Ethyl Benzene	3.31E-11 30YrCancerDerived	*	3.31E-11 INHALATION
745 ALL	486493.96	3674618.89	0.00000698	100414 Ethyl Benzene	2.95E-11 30YrCancerDerived	*	2.95E-11 INHALATION
746 ALL	486514.8	3674618.89	0.00000688	100414 Ethyl Benzene	2.91E-11 30YrCancerDerived	*	2.91E-11 INHALATION
747 ALL	486535.64	3674618.89	0.00000725	100414 Ethyl Benzene	3.06E-11 30YrCancerDerived	*	3.06E-11 INHALATION
748 ALL	486556.48	3674618.89	0.00000776	100414 Ethyl Benzene	3.27E-11 30YrCancerDerived	*	3.27E-11 INHALATION
749 ALL	486577.32	3674618.89	0.00000815	100414 Ethyl Benzene	3.44E-11 30YrCancerDerived	*	3.44E-11 INHALATION
750 ALL	486598.16	3674618.89	0.00000857	100414 Ethyl Benzene	3.62E-11 30YrCancerDerived	*	3.62E-11 INHALATION
751 ALL	486619	3674618.89	0.00000896	100414 Ethyl Benzene	3.78E-11 30YrCancerDerived	*	3.78E-11 INHALATION
752 ALL	486639.84	3674618.89	0.00000916	100414 Ethyl Benzene	3.87E-11 30YrCancerDerived	*	3.87E-11 INHALATION
753 ALL	486660.68	3674618.89	0.00000923	100414 Ethyl Benzene	3.90E-11 30YrCancerDerived	*	3.90E-11 INHALATION
754 ALL	486681.52	3674618.89	0.00000914	100414 Ethyl Benzene	3.86E-11 30YrCancerDerived	*	3.86E-11 INHALATION
755 ALL	486702.36	3674618.89	0.00000897	100414 Ethyl Benzene	3.79E-11 30YrCancerDerived	*	3.79E-11 INHALATION
756 ALL	486723.2	3674618.89	0.00000915	100414 Ethyl Benzene	3.87E-11 30YrCancerDerived	*	3.87E-11 INHALATION
757 ALL	486744.04	3674618.89	0.00001	100414 Ethyl Benzene	4.23E-11 30YrCancerDerived	*	4.23E-11 INHALATION
758 ALL	486764.88	3674618.89	0.0000117	100414 Ethyl Benzene	4.93E-11 30YrCancerDerived	*	4.93E-11 INHALATION
759 ALL	486785.72	3674618.89	0.0000135	100414 Ethyl Benzene	5.68E-11 30YrCancerDerived	*	5.68E-11 INHALATION
760 ALL	486806.56	3674618.89	0.0000141	100414 Ethyl Benzene	5.97E-11 30YrCancerDerived	*	5.97E-11 INHALATION
761 ALL	486452.28	3674638.77	0.0000086	100414 Ethyl Benzene	3.63E-11 30YrCancerDerived	*	3.63E-11 INHALATION
762 ALL	486473.12	3674638.77	0.00000731	100414 Ethyl Benzene	3.09E-11 30YrCancerDerived	*	3.09E-11 INHALATION
763 ALL	486493.96	3674638.77	0.00000684	100414 Ethyl Benzene	2.89E-11 30YrCancerDerived	*	2.89E-11 INHALATION
764 ALL	486514.8	3674638.77	0.00000693	100414 Ethyl Benzene	2.93E-11 30YrCancerDerived	*	2.93E-11 INHALATION

765 ALL	486535.64	3674638.77	0.00000725	100414 Ethyl Benzene	3.06E-11 30YrCancerDerived	*	3.06E-11 INHALATION
766 ALL	486556.48	3674638.77	0.00000772	100414 Ethyl Benzene	3.26E-11 30YrCancerDerived	*	3.26E-11 INHALATION
767 ALL	486577.32	3674638.77	0.00000813	100414 Ethyl Benzene	3.43E-11 30YrCancerDerived	*	3.43E-11 INHALATION
768 ALL	486598.16	3674638.77	0.0000084	100414 Ethyl Benzene	3.54E-11 30YrCancerDerived	*	3.54E-11 INHALATION
769 ALL	486619	3674638.77	0.0000085	100414 Ethyl Benzene	3.59E-11 30YrCancerDerived	*	3.59E-11 INHALATION
770 ALL	486639.84	3674638.77	0.00000847	100414 Ethyl Benzene	3.58E-11 30YrCancerDerived	*	3.58E-11 INHALATION
771 ALL	486660.68	3674638.77	0.00000859	100414 Ethyl Benzene	3.63E-11 30YrCancerDerived	*	3.63E-11 INHALATION
772 ALL	486681.52	3674638.77	0.00000856	100414 Ethyl Benzene	3.62E-11 30YrCancerDerived	*	3.62E-11 INHALATION
773 ALL	486702.36	3674638.77	0.00000823	100414 Ethyl Benzene	3.48E-11 30YrCancerDerived	*	3.48E-11 INHALATION
774 ALL	486723.2	3674638.77	0.0000083	100414 Ethyl Benzene	3.50E-11 30YrCancerDerived	*	3.50E-11 INHALATION
775 ALL	486744.04	3674638.77	0.00000913	100414 Ethyl Benzene	3.85E-11 30YrCancerDerived	*	3.85E-11 INHALATION
776 ALL	486764.88	3674638.77	0.0000106	100414 Ethyl Benzene	4.48E-11 30YrCancerDerived	*	4.48E-11 INHALATION
777 ALL	486785.72	3674638.77	0.0000133	100414 Ethyl Benzene	5.61E-11 30YrCancerDerived	*	5.61E-11 INHALATION
778 ALL	486452.28	3674658.65	0.00000752	100414 Ethyl Benzene	3.17E-11 30YrCancerDerived	*	3.17E-11 INHALATION
779 ALL	486473.12	3674658.65	0.0000068	100414 Ethyl Benzene	2.87E-11 30YrCancerDerived	*	2.87E-11 INHALATION
780 ALL	486493.96	3674658.65	0.00000664	100414 Ethyl Benzene	2.80E-11 30YrCancerDerived	*	2.80E-11 INHALATION
781 ALL	486514.8	3674658.65	0.00000688	100414 Ethyl Benzene	2.91E-11 30YrCancerDerived	*	2.91E-11 INHALATION
782 ALL	486535.64	3674658.65	0.00000711	100414 Ethyl Benzene	3.00E-11 30YrCancerDerived	*	3.00E-11 INHALATION
783 ALL	486556.48	3674658.65	0.00000759	100414 Ethyl Benzene	3.21E-11 30YrCancerDerived	*	3.21E-11 INHALATION
784 ALL	486577.32	3674658.65	0.00000797	100414 Ethyl Benzene	3.37E-11 30YrCancerDerived	*	3.37E-11 INHALATION
785 ALL	486598.16	3674658.65	0.00000821	100414 Ethyl Benzene	3.47E-11 30YrCancerDerived	*	3.47E-11 INHALATION
786 ALL	486619	3674658.65	0.00000789	100414 Ethyl Benzene	3.33E-11 30YrCancerDerived	*	3.33E-11 INHALATION
787 ALL	486639.84	3674658.65	0.00000772	100414 Ethyl Benzene	3.26E-11 30YrCancerDerived	*	3.26E-11 INHALATION
788 ALL	486660.68	3674658.65	0.00000798	100414 Ethyl Benzene	3.37E-11 30YrCancerDerived	*	3.37E-11 INHALATION
789 ALL	486681.52	3674658.65	0.0000082	100414 Ethyl Benzene	3.46E-11 30YrCancerDerived	*	3.46E-11 INHALATION
790 ALL	486702.36	3674658.65	0.00000786	100414 Ethyl Benzene	3.32E-11 30YrCancerDerived	*	3.32E-11 INHALATION
791 ALL	486723.2	3674658.65	0.00000792	100414 Ethyl Benzene	3.34E-11 30YrCancerDerived	*	3.34E-11 INHALATION
792 ALL	486744.04	3674658.65	0.00000876	100414 Ethyl Benzene	3.70E-11 30YrCancerDerived	*	3.70E-11 INHALATION
793 ALL	486764.88	3674658.65	0.0000106	100414 Ethyl Benzene	4.50E-11 30YrCancerDerived	*	4.50E-11 INHALATION
794 ALL	486452.28	3674678.53	0.00000674	100414 Ethyl Benzene	2.85E-11 30YrCancerDerived	*	2.85E-11 INHALATION
795 ALL	486473.12	3674678.53	0.0000065	100414 Ethyl Benzene	2.74E-11 30YrCancerDerived	*	2.74E-11 INHALATION
796 ALL	486493.96	3674678.53	0.00000657	100414 Ethyl Benzene	2.77E-11 30YrCancerDerived	*	2.77E-11 INHALATION
797 ALL	486514.8	3674678.53	0.0000068	100414 Ethyl Benzene	2.87E-11 30YrCancerDerived	*	2.87E-11 INHALATION
798 ALL	486535.64	3674678.53	0.00000701	100414 Ethyl Benzene	2.96E-11 30YrCancerDerived	*	2.96E-11 INHALATION
799 ALL	486556.48	3674678.53	0.00000731	100414 Ethyl Benzene	3.09E-11 30YrCancerDerived	*	3.09E-11 INHALATION

800 ALL	486577.32	3674678.53	0.00000765	100414 Ethyl Benzene	3.23E-11 30YrCancerDerived	*	3.23E-11 INHALATION
801 ALL	486598.16	3674678.53	0.0000077	100414 Ethyl Benzene	3.25E-11 30YrCancerDerived	*	3.25E-11 INHALATION
802 ALL	486619	3674678.53	0.00000736	100414 Ethyl Benzene	3.11E-11 30YrCancerDerived	*	3.11E-11 INHALATION
803 ALL	486639.84	3674678.53	0.00000741	100414 Ethyl Benzene	3.13E-11 30YrCancerDerived	*	3.13E-11 INHALATION
804 ALL	486660.68	3674678.53	0.00000774	100414 Ethyl Benzene	3.27E-11 30YrCancerDerived	*	3.27E-11 INHALATION
805 ALL	486681.52	3674678.53	0.00000812	100414 Ethyl Benzene	3.43E-11 30YrCancerDerived	*	3.43E-11 INHALATION
806 ALL	486702.36	3674678.53	0.00000824	100414 Ethyl Benzene	3.48E-11 30YrCancerDerived	*	3.48E-11 INHALATION
807 ALL	486723.2	3674678.53	0.00000845	100414 Ethyl Benzene	3.57E-11 30YrCancerDerived	*	3.57E-11 INHALATION
808 ALL	486744.04	3674678.53	0.00000927	100414 Ethyl Benzene	3.92E-11 30YrCancerDerived	*	3.92E-11 INHALATION
809 ALL	486764.88	3674678.53	0.0000119	100414 Ethyl Benzene	5.02E-11 30YrCancerDerived	*	5.02E-11 INHALATION
810 ALL	486431.44	3674698.41	0.00000665	100414 Ethyl Benzene	2.81E-11 30YrCancerDerived	*	2.81E-11 INHALATION
811 ALL	486452.28	3674698.41	0.00000642	100414 Ethyl Benzene	2.71E-11 30YrCancerDerived	*	2.71E-11 INHALATION
812 ALL	486473.12	3674698.41	0.00000639	100414 Ethyl Benzene	2.70E-11 30YrCancerDerived	*	2.70E-11 INHALATION
813 ALL	486493.96	3674698.41	0.00000656	100414 Ethyl Benzene	2.77E-11 30YrCancerDerived	*	2.77E-11 INHALATION
814 ALL	486514.8	3674698.41	0.0000067	100414 Ethyl Benzene	2.83E-11 30YrCancerDerived	*	2.83E-11 INHALATION
815 ALL	486535.64	3674698.41	0.00000692	100414 Ethyl Benzene	2.92E-11 30YrCancerDerived	*	2.92E-11 INHALATION
816 ALL	486556.48	3674698.41	0.00000712	100414 Ethyl Benzene	3.01E-11 30YrCancerDerived	*	3.01E-11 INHALATION
817 ALL	486577.32	3674698.41	0.00000735	100414 Ethyl Benzene	3.10E-11 30YrCancerDerived	*	3.10E-11 INHALATION
818 ALL	486598.16	3674698.41	0.00000737	100414 Ethyl Benzene	3.11E-11 30YrCancerDerived	*	3.11E-11 INHALATION
819 ALL	486619	3674698.41	0.0000072	100414 Ethyl Benzene	3.04E-11 30YrCancerDerived	*	3.04E-11 INHALATION
820 ALL	486639.84	3674698.41	0.00000759	100414 Ethyl Benzene	3.21E-11 30YrCancerDerived	*	3.21E-11 INHALATION
821 ALL	486660.68	3674698.41	0.0000086	100414 Ethyl Benzene	3.63E-11 30YrCancerDerived	*	3.63E-11 INHALATION
822 ALL	486431.44	3674718.29	0.00000648	100414 Ethyl Benzene	2.74E-11 30YrCancerDerived	*	2.74E-11 INHALATION
823 ALL	486452.28	3674718.29	0.00000632	100414 Ethyl Benzene	2.67E-11 30YrCancerDerived	*	2.67E-11 INHALATION
824 ALL	486473.12	3674718.29	0.00000644	100414 Ethyl Benzene	2.72E-11 30YrCancerDerived	*	2.72E-11 INHALATION
825 ALL	486493.96	3674718.29	0.00000667	100414 Ethyl Benzene	2.82E-11 30YrCancerDerived	*	2.82E-11 INHALATION
826 ALL	486514.8	3674718.29	0.00000685	100414 Ethyl Benzene	2.89E-11 30YrCancerDerived	*	2.89E-11 INHALATION
827 ALL	486535.64	3674718.29	0.00000698	100414 Ethyl Benzene	2.95E-11 30YrCancerDerived	*	2.95E-11 INHALATION
828 ALL	486556.48	3674718.29	0.00000721	100414 Ethyl Benzene	3.05E-11 30YrCancerDerived	*	3.05E-11 INHALATION
829 ALL	486577.32	3674718.29	0.00000732	100414 Ethyl Benzene	3.09E-11 30YrCancerDerived	*	3.09E-11 INHALATION
830 ALL	486598.16	3674718.29	0.00000697	100414 Ethyl Benzene	2.94E-11 30YrCancerDerived	*	2.94E-11 INHALATION
831 ALL	486619	3674718.29	0.0000072	100414 Ethyl Benzene	3.04E-11 30YrCancerDerived	*	3.04E-11 INHALATION
832 ALL	486639.84	3674718.29	0.00000825	100414 Ethyl Benzene	3.49E-11 30YrCancerDerived	*	3.49E-11 INHALATION
833 ALL	486452.28	3674738.17	0.00000623	100414 Ethyl Benzene	2.63E-11 30YrCancerDerived	*	2.63E-11 INHALATION
834 ALL	486473.12	3674738.17	0.00000652	100414 Ethyl Benzene	2.75E-11 30YrCancerDerived	*	2.75E-11 INHALATION

835	ALL	486493.96	3674738.17	0.00000701	100414	Ethyl Benzene	2.96E-11	30YrCancerDerived	*	2.96E-11	INHALATION
836	ALL	486514.8	3674738.17	0.00000742	100414	Ethyl Benzene	3.13E-11	30YrCancerDerived	*	3.13E-11	INHALATION
837	ALL	486535.64	3674738.17	0.00000766	100414	Ethyl Benzene	3.23E-11	30YrCancerDerived	*	3.23E-11	INHALATION
838	ALL	486556.48	3674738.17	0.00000796	100414	Ethyl Benzene	3.36E-11	30YrCancerDerived	*	3.36E-11	INHALATION
839	ALL	486577.32	3674738.17	0.00000772	100414	Ethyl Benzene	3.26E-11	30YrCancerDerived	*	3.26E-11	INHALATION
840	ALL	486598.16	3674738.17	0.0000074	100414	Ethyl Benzene	3.12E-11	30YrCancerDerived	*	3.12E-11	INHALATION
841	ALL	486619	3674738.17	0.00000801	100414	Ethyl Benzene	3.38E-11	30YrCancerDerived	*	3.38E-11	INHALATION
842	ALL	486473.12	3674758.05	0.00000666	100414	Ethyl Benzene	2.81E-11	30YrCancerDerived	*	2.81E-11	INHALATION
843	ALL	486493.96	3674758.05	0.00000729	100414	Ethyl Benzene	3.08E-11	30YrCancerDerived	*	3.08E-11	INHALATION
844	ALL	486514.8	3674758.05	0.00000833	100414	Ethyl Benzene	3.52E-11	30YrCancerDerived	*	3.52E-11	INHALATION
845	ALL	486535.64	3674758.05	0.00000877	100414	Ethyl Benzene	3.70E-11	30YrCancerDerived	*	3.70E-11	INHALATION
846	ALL	486556.48	3674758.05	0.00000916	100414	Ethyl Benzene	3.87E-11	30YrCancerDerived	*	3.87E-11	INHALATION
847	ALL	486577.32	3674758.05	0.00000902	100414	Ethyl Benzene	3.81E-11	30YrCancerDerived	*	3.81E-11	INHALATION
848	ALL	486139.68	3674777.93	0.0000229	100414	Ethyl Benzene	9.68E-11	30YrCancerDerived	*	9.68E-11	INHALATION
849	ALL	486514.8	3674777.93	0.00000898	100414	Ethyl Benzene	3.79E-11	30YrCancerDerived	*	3.79E-11	INHALATION
850	ALL	486535.64	3674777.93	0.00000992	100414	Ethyl Benzene	4.19E-11	30YrCancerDerived	*	4.19E-11	INHALATION
851	ALL	486556.48	3674777.93	0.0000107	100414	Ethyl Benzene	4.50E-11	30YrCancerDerived	*	4.50E-11	INHALATION
852	ALL	486139.68	3674797.81	0.0000265	100414	Ethyl Benzene	1.12E-10	30YrCancerDerived	*	1.12E-10	INHALATION
853	ALL	486160.52	3674797.81	0.0000226	100414	Ethyl Benzene	9.55E-11	30YrCancerDerived	*	9.55E-11	INHALATION
854	ALL	486181.36	3674797.81	0.0000201	100414	Ethyl Benzene	8.48E-11	30YrCancerDerived	*	8.48E-11	INHALATION
855	ALL	486202.2	3674797.81	0.0000177	100414	Ethyl Benzene	7.48E-11	30YrCancerDerived	*	7.48E-11	INHALATION
856	ALL	486243.88	3674797.81	0.0000152	100414	Ethyl Benzene	6.43E-11	30YrCancerDerived	*	6.43E-11	INHALATION
857	ALL	486264.72	3674797.81	0.0000125	100414	Ethyl Benzene	5.28E-11	30YrCancerDerived	*	5.28E-11	INHALATION
858	ALL	486285.56	3674797.81	0.0000109	100414	Ethyl Benzene	4.61E-11	30YrCancerDerived	*	4.61E-11	INHALATION
859	ALL	486306.4	3674797.81	0.00000949	100414	Ethyl Benzene	4.01E-11	30YrCancerDerived	*	4.01E-11	INHALATION
860	ALL	486535.64	3674797.81	0.0000109	100414	Ethyl Benzene	4.61E-11	30YrCancerDerived	*	4.61E-11	INHALATION
861	ALL	486556.48	3674797.81	0.0000129	100414	Ethyl Benzene	5.43E-11	30YrCancerDerived	*	5.43E-11	INHALATION
862	ALL	485868.76	3674817.69	0.0000132	100414	Ethyl Benzene	5.55E-11	30YrCancerDerived	*	5.55E-11	INHALATION
863	ALL	485889.6	3674817.69	0.000014	100414	Ethyl Benzene	5.93E-11	30YrCancerDerived	*	5.93E-11	INHALATION
864	ALL	485910.44	3674817.69	0.0000148	100414	Ethyl Benzene	6.24E-11	30YrCancerDerived	*	6.24E-11	INHALATION
865	ALL	485931.28	3674817.69	0.000015	100414	Ethyl Benzene	6.34E-11	30YrCancerDerived	*	6.34E-11	INHALATION
866	ALL	485952.12	3674817.69	0.0000152	100414	Ethyl Benzene	6.43E-11	30YrCancerDerived	*	6.43E-11	INHALATION
867	ALL	485972.96	3674817.69	0.0000155	100414	Ethyl Benzene	6.54E-11	30YrCancerDerived	*	6.54E-11	INHALATION
868	ALL	486118.84	3674817.69	0.0000217	100414	Ethyl Benzene	9.18E-11	30YrCancerDerived	*	9.18E-11	INHALATION
869	ALL	486139.68	3674817.69	0.0000204	100414	Ethyl Benzene	8.63E-11	30YrCancerDerived	*	8.63E-11	INHALATION

870 ALL	486160.52	3674817.69	0.0000207	100414 Ethyl Benzene	8.75E-11 30YrCancerDerived	*	8.75E-11 INHALATION
871 ALL	486181.36	3674817.69	0.000021	100414 Ethyl Benzene	8.85E-11 30YrCancerDerived	*	8.85E-11 INHALATION
872 ALL	486202.2	3674817.69	0.000021	100414 Ethyl Benzene	8.88E-11 30YrCancerDerived	*	8.88E-11 INHALATION
873 ALL	486223.04	3674817.69	0.0000194	100414 Ethyl Benzene	8.18E-11 30YrCancerDerived	*	8.18E-11 INHALATION
874 ALL	486243.88	3674817.69	0.0000152	100414 Ethyl Benzene	6.43E-11 30YrCancerDerived	*	6.43E-11 INHALATION
875 ALL	486264.72	3674817.69	0.0000116	100414 Ethyl Benzene	4.90E-11 30YrCancerDerived	*	4.90E-11 INHALATION
876 ALL	486285.56	3674817.69	0.00000962	100414 Ethyl Benzene	4.06E-11 30YrCancerDerived	*	4.06E-11 INHALATION
877 ALL	486306.4	3674817.69	0.00000844	100414 Ethyl Benzene	3.56E-11 30YrCancerDerived	*	3.56E-11 INHALATION
878 ALL	485868.76	3674837.57	0.0000124	100414 Ethyl Benzene	5.24E-11 30YrCancerDerived	*	5.24E-11 INHALATION
879 ALL	485889.6	3674837.57	0.0000134	100414 Ethyl Benzene	5.68E-11 30YrCancerDerived	*	5.68E-11 INHALATION
880 ALL	485910.44	3674837.57	0.0000145	100414 Ethyl Benzene	6.13E-11 30YrCancerDerived	*	6.13E-11 INHALATION
881 ALL	485931.28	3674837.57	0.000015	100414 Ethyl Benzene	6.34E-11 30YrCancerDerived	*	6.34E-11 INHALATION
882 ALL	485952.12	3674837.57	0.0000156	100414 Ethyl Benzene	6.59E-11 30YrCancerDerived	*	6.59E-11 INHALATION
883 ALL	485972.96	3674837.57	0.000017	100414 Ethyl Benzene	7.16E-11 30YrCancerDerived	*	7.16E-11 INHALATION
884 ALL	485993.8	3674837.57	0.0000185	100414 Ethyl Benzene	7.79E-11 30YrCancerDerived	*	7.79E-11 INHALATION
885 ALL	486014.64	3674837.57	0.000019	100414 Ethyl Benzene	8.04E-11 30YrCancerDerived	*	8.04E-11 INHALATION
886 ALL	486035.48	3674837.57	0.0000195	100414 Ethyl Benzene	8.25E-11 30YrCancerDerived	*	8.25E-11 INHALATION
887 ALL	486077.16	3674837.57	0.0000216	100414 Ethyl Benzene	9.10E-11 30YrCancerDerived	*	9.10E-11 INHALATION
888 ALL	486098	3674837.57	0.0000191	100414 Ethyl Benzene	8.06E-11 30YrCancerDerived	*	8.06E-11 INHALATION
889 ALL	486118.84	3674837.57	0.0000157	100414 Ethyl Benzene	6.62E-11 30YrCancerDerived	*	6.62E-11 INHALATION
890 ALL	486139.68	3674837.57	0.0000153	100414 Ethyl Benzene	6.48E-11 30YrCancerDerived	*	6.48E-11 INHALATION
891 ALL	486160.52	3674837.57	0.000015	100414 Ethyl Benzene	6.32E-11 30YrCancerDerived	*	6.32E-11 INHALATION
892 ALL	486181.36	3674837.57	0.000015	100414 Ethyl Benzene	6.34E-11 30YrCancerDerived	*	6.34E-11 INHALATION
893 ALL	486202.2	3674837.57	0.0000174	100414 Ethyl Benzene	7.33E-11 30YrCancerDerived	*	7.33E-11 INHALATION
894 ALL	486223.04	3674837.57	0.0000171	100414 Ethyl Benzene	7.23E-11 30YrCancerDerived	*	7.23E-11 INHALATION
895 ALL	486243.88	3674837.57	0.000013	100414 Ethyl Benzene	5.50E-11 30YrCancerDerived	*	5.50E-11 INHALATION
896 ALL	486264.72	3674837.57	0.00000986	100414 Ethyl Benzene	4.16E-11 30YrCancerDerived	*	4.16E-11 INHALATION
897 ALL	486285.56	3674837.57	0.00000813	100414 Ethyl Benzene	3.43E-11 30YrCancerDerived	*	3.43E-11 INHALATION
898 ALL	486306.4	3674837.57	0.00000735	100414 Ethyl Benzene	3.10E-11 30YrCancerDerived	*	3.10E-11 INHALATION
899 ALL	485722.88	3674857.45	0.00000687	100414 Ethyl Benzene	2.90E-11 30YrCancerDerived	*	2.90E-11 INHALATION
900 ALL	485743.72	3674857.45	0.00000787	100414 Ethyl Benzene	3.32E-11 30YrCancerDerived	*	3.32E-11 INHALATION
901 ALL	485764.56	3674857.45	0.00000867	100414 Ethyl Benzene	3.66E-11 30YrCancerDerived	*	3.66E-11 INHALATION
902 ALL	485785.4	3674857.45	0.00000925	100414 Ethyl Benzene	3.90E-11 30YrCancerDerived	*	3.90E-11 INHALATION
903 ALL	485806.24	3674857.45	0.00000983	100414 Ethyl Benzene	4.15E-11 30YrCancerDerived	*	4.15E-11 INHALATION
904 ALL	485827.08	3674857.45	0.0000103	100414 Ethyl Benzene	4.36E-11 30YrCancerDerived	*	4.36E-11 INHALATION

905 ALL	485847.92	3674857.45	0.0000109	100414 Ethyl Benzene	4.61E-11 30YrCancerDerived	*	4.61E-11 INHALATION
906 ALL	485868.76	3674857.45	0.0000117	100414 Ethyl Benzene	4.93E-11 30YrCancerDerived	*	4.93E-11 INHALATION
907 ALL	485889.6	3674857.45	0.0000126	100414 Ethyl Benzene	5.31E-11 30YrCancerDerived	*	5.31E-11 INHALATION
908 ALL	485910.44	3674857.45	0.0000137	100414 Ethyl Benzene	5.77E-11 30YrCancerDerived	*	5.77E-11 INHALATION
909 ALL	485931.28	3674857.45	0.0000143	100414 Ethyl Benzene	6.03E-11 30YrCancerDerived	*	6.03E-11 INHALATION
910 ALL	485952.12	3674857.45	0.0000148	100414 Ethyl Benzene	6.24E-11 30YrCancerDerived	*	6.24E-11 INHALATION
911 ALL	485972.96	3674857.45	0.000016	100414 Ethyl Benzene	6.77E-11 30YrCancerDerived	*	6.77E-11 INHALATION
912 ALL	485993.8	3674857.45	0.0000177	100414 Ethyl Benzene	7.49E-11 30YrCancerDerived	*	7.49E-11 INHALATION
913 ALL	486014.64	3674857.45	0.0000186	100414 Ethyl Benzene	7.85E-11 30YrCancerDerived	*	7.85E-11 INHALATION
914 ALL	486035.48	3674857.45	0.0000198	100414 Ethyl Benzene	8.36E-11 30YrCancerDerived	*	8.36E-11 INHALATION
915 ALL	486056.32	3674857.45	0.0000213	100414 Ethyl Benzene	8.98E-11 30YrCancerDerived	*	8.98E-11 INHALATION
916 ALL	486077.16	3674857.45	0.0000199	100414 Ethyl Benzene	8.38E-11 30YrCancerDerived	*	8.38E-11 INHALATION
917 ALL	486098	3674857.45	0.0000142	100414 Ethyl Benzene	6.00E-11 30YrCancerDerived	*	6.00E-11 INHALATION
918 ALL	486118.84	3674857.45	0.0000113	100414 Ethyl Benzene	4.75E-11 30YrCancerDerived	*	4.75E-11 INHALATION
919 ALL	486139.68	3674857.45	0.0000111	100414 Ethyl Benzene	4.71E-11 30YrCancerDerived	*	4.71E-11 INHALATION
920 ALL	486160.52	3674857.45	0.0000112	100414 Ethyl Benzene	4.74E-11 30YrCancerDerived	*	4.74E-11 INHALATION
921 ALL	486181.36	3674857.45	0.0000113	100414 Ethyl Benzene	4.77E-11 30YrCancerDerived	*	4.77E-11 INHALATION
922 ALL	486202.2	3674857.45	0.0000137	100414 Ethyl Benzene	5.77E-11 30YrCancerDerived	*	5.77E-11 INHALATION
923 ALL	486223.04	3674857.45	0.0000152	100414 Ethyl Benzene	6.41E-11 30YrCancerDerived	*	6.41E-11 INHALATION
924 ALL	486243.88	3674857.45	0.000012	100414 Ethyl Benzene	5.06E-11 30YrCancerDerived	*	5.06E-11 INHALATION
925 ALL	486264.72	3674857.45	0.00000943	100414 Ethyl Benzene	3.98E-11 30YrCancerDerived	*	3.98E-11 INHALATION
926 ALL	486285.56	3674857.45	0.00000772	100414 Ethyl Benzene	3.26E-11 30YrCancerDerived	*	3.26E-11 INHALATION
927 ALL	486306.4	3674857.45	0.00000661	100414 Ethyl Benzene	2.79E-11 30YrCancerDerived	*	2.79E-11 INHALATION
928 ALL	485722.88	3674877.33	0.00000638	100414 Ethyl Benzene	2.69E-11 30YrCancerDerived	*	2.69E-11 INHALATION
929 ALL	485743.72	3674877.33	0.00000648	100414 Ethyl Benzene	2.74E-11 30YrCancerDerived	*	2.74E-11 INHALATION
930 ALL	485764.56	3674877.33	0.000007	100414 Ethyl Benzene	2.96E-11 30YrCancerDerived	*	2.96E-11 INHALATION
931 ALL	485827.08	3674877.33	0.00000958	100414 Ethyl Benzene	4.04E-11 30YrCancerDerived	*	4.04E-11 INHALATION
932 ALL	485847.92	3674877.33	0.0000102	100414 Ethyl Benzene	4.31E-11 30YrCancerDerived	*	4.31E-11 INHALATION
933 ALL	485868.76	3674877.33	0.0000109	100414 Ethyl Benzene	4.62E-11 30YrCancerDerived	*	4.62E-11 INHALATION
934 ALL	485889.6	3674877.33	0.0000118	100414 Ethyl Benzene	4.99E-11 30YrCancerDerived	*	4.99E-11 INHALATION
935 ALL	485910.44	3674877.33	0.0000127	100414 Ethyl Benzene	5.37E-11 30YrCancerDerived	*	5.37E-11 INHALATION
936 ALL	485931.28	3674877.33	0.0000135	100414 Ethyl Benzene	5.69E-11 30YrCancerDerived	*	5.69E-11 INHALATION
937 ALL	485952.12	3674877.33	0.0000142	100414 Ethyl Benzene	5.98E-11 30YrCancerDerived	*	5.98E-11 INHALATION
938 ALL	485972.96	3674877.33	0.0000152	100414 Ethyl Benzene	6.41E-11 30YrCancerDerived	*	6.41E-11 INHALATION
939 ALL	485993.8	3674877.33	0.000015	100414 Ethyl Benzene	6.32E-11 30YrCancerDerived	*	6.32E-11 INHALATION

940	ALL	486014.64	3674877.33	0.0000153	100414	Ethyl Benzene	6.45E-11	30YrCancerDerived	*	6.45E-11	INHALATION
941	ALL	486035.48	3674877.33	0.0000176	100414	Ethyl Benzene	7.43E-11	30YrCancerDerived	*	7.43E-11	INHALATION
942	ALL	486056.32	3674877.33	0.0000202	100414	Ethyl Benzene	8.53E-11	30YrCancerDerived	*	8.53E-11	INHALATION
943	ALL	486077.16	3674877.33	0.0000176	100414	Ethyl Benzene	7.43E-11	30YrCancerDerived	*	7.43E-11	INHALATION
944	ALL	486098	3674877.33	0.0000115	100414	Ethyl Benzene	4.84E-11	30YrCancerDerived	*	4.84E-11	INHALATION
945	ALL	486118.84	3674877.33	0.00000905	100414	Ethyl Benzene	3.82E-11	30YrCancerDerived	*	3.82E-11	INHALATION
946	ALL	486139.68	3674877.33	0.00000881	100414	Ethyl Benzene	3.72E-11	30YrCancerDerived	*	3.72E-11	INHALATION
947	ALL	486160.52	3674877.33	0.00000903	100414	Ethyl Benzene	3.81E-11	30YrCancerDerived	*	3.81E-11	INHALATION
948	ALL	486181.36	3674877.33	0.00000977	100414	Ethyl Benzene	4.12E-11	30YrCancerDerived	*	4.12E-11	INHALATION
949	ALL	486202.2	3674877.33	0.0000113	100414	Ethyl Benzene	4.77E-11	30YrCancerDerived	*	4.77E-11	INHALATION
950	ALL	486223.04	3674877.33	0.0000123	100414	Ethyl Benzene	5.21E-11	30YrCancerDerived	*	5.21E-11	INHALATION
951	ALL	486243.88	3674877.33	0.0000107	100414	Ethyl Benzene	4.51E-11	30YrCancerDerived	*	4.51E-11	INHALATION
952	ALL	486264.72	3674877.33	0.00000875	100414	Ethyl Benzene	3.69E-11	30YrCancerDerived	*	3.69E-11	INHALATION
953	ALL	486285.56	3674877.33	0.00000744	100414	Ethyl Benzene	3.14E-11	30YrCancerDerived	*	3.14E-11	INHALATION
954	ALL	486306.4	3674877.33	0.00000653	100414	Ethyl Benzene	2.76E-11	30YrCancerDerived	*	2.76E-11	INHALATION
955	ALL	485743.72	3674897.21	0.00000562	100414	Ethyl Benzene	2.37E-11	30YrCancerDerived	*	2.37E-11	INHALATION
956	ALL	485847.92	3674897.21	0.00000934	100414	Ethyl Benzene	3.94E-11	30YrCancerDerived	*	3.94E-11	INHALATION
957	ALL	485868.76	3674897.21	0.0000102	100414	Ethyl Benzene	4.32E-11	30YrCancerDerived	*	4.32E-11	INHALATION
958	ALL	485889.6	3674897.21	0.0000112	100414	Ethyl Benzene	4.72E-11	30YrCancerDerived	*	4.72E-11	INHALATION
959	ALL	485910.44	3674897.21	0.0000121	100414	Ethyl Benzene	5.11E-11	30YrCancerDerived	*	5.11E-11	INHALATION
960	ALL	485931.28	3674897.21	0.0000129	100414	Ethyl Benzene	5.44E-11	30YrCancerDerived	*	5.44E-11	INHALATION
961	ALL	485952.12	3674897.21	0.0000137	100414	Ethyl Benzene	5.79E-11	30YrCancerDerived	*	5.79E-11	INHALATION
962	ALL	485972.96	3674897.21	0.0000144	100414	Ethyl Benzene	6.08E-11	30YrCancerDerived	*	6.08E-11	INHALATION
963	ALL	485993.8	3674897.21	0.0000131	100414	Ethyl Benzene	5.55E-11	30YrCancerDerived	*	5.55E-11	INHALATION
964	ALL	486014.64	3674897.21	0.0000134	100414	Ethyl Benzene	5.65E-11	30YrCancerDerived	*	5.65E-11	INHALATION
965	ALL	486035.48	3674897.21	0.0000156	100414	Ethyl Benzene	6.57E-11	30YrCancerDerived	*	6.57E-11	INHALATION
966	ALL	486056.32	3674897.21	0.0000194	100414	Ethyl Benzene	8.18E-11	30YrCancerDerived	*	8.18E-11	INHALATION
967	ALL	486077.16	3674897.21	0.0000163	100414	Ethyl Benzene	6.87E-11	30YrCancerDerived	*	6.87E-11	INHALATION
968	ALL	486098	3674897.21	0.000011	100414	Ethyl Benzene	4.63E-11	30YrCancerDerived	*	4.63E-11	INHALATION
969	ALL	486118.84	3674897.21	0.00000875	100414	Ethyl Benzene	3.69E-11	30YrCancerDerived	*	3.69E-11	INHALATION
970	ALL	486139.68	3674897.21	0.00000761	100414	Ethyl Benzene	3.21E-11	30YrCancerDerived	*	3.21E-11	INHALATION
971	ALL	486160.52	3674897.21	0.00000762	100414	Ethyl Benzene	3.22E-11	30YrCancerDerived	*	3.22E-11	INHALATION
972	ALL	486181.36	3674897.21	0.00000808	100414	Ethyl Benzene	3.41E-11	30YrCancerDerived	*	3.41E-11	INHALATION
973	ALL	486202.2	3674897.21	0.00000961	100414	Ethyl Benzene	4.06E-11	30YrCancerDerived	*	4.06E-11	INHALATION
974	ALL	486223.04	3674897.21	0.0000104	100414	Ethyl Benzene	4.39E-11	30YrCancerDerived	*	4.39E-11	INHALATION

975 ALL	486243.88	3674897.21	0.000001	100414 Ethyl Benzene	4.23E-11 30YrCancerDerived	*	4.23E-11 INHALATION
976 ALL	486264.72	3674897.21	0.00000817	100414 Ethyl Benzene	3.45E-11 30YrCancerDerived	*	3.45E-11 INHALATION
977 ALL	486285.56	3674897.21	0.00000692	100414 Ethyl Benzene	2.92E-11 30YrCancerDerived	*	2.92E-11 INHALATION
978 ALL	486306.4	3674897.21	0.00000626	100414 Ethyl Benzene	2.64E-11 30YrCancerDerived	*	2.64E-11 INHALATION
979 ALL	486327.24	3674897.21	0.00000601	100414 Ethyl Benzene	2.54E-11 30YrCancerDerived	*	2.54E-11 INHALATION
980 ALL	485847.92	3674917.09	0.00000847	100414 Ethyl Benzene	3.57E-11 30YrCancerDerived	*	3.57E-11 INHALATION
981 ALL	485868.76	3674917.09	0.00000943	100414 Ethyl Benzene	3.98E-11 30YrCancerDerived	*	3.98E-11 INHALATION
982 ALL	485889.6	3674917.09	0.0000106	100414 Ethyl Benzene	4.49E-11 30YrCancerDerived	*	4.49E-11 INHALATION
983 ALL	485910.44	3674917.09	0.0000117	100414 Ethyl Benzene	4.94E-11 30YrCancerDerived	*	4.94E-11 INHALATION
984 ALL	485931.28	3674917.09	0.0000124	100414 Ethyl Benzene	5.22E-11 30YrCancerDerived	*	5.22E-11 INHALATION
985 ALL	485952.12	3674917.09	0.0000129	100414 Ethyl Benzene	5.44E-11 30YrCancerDerived	*	5.44E-11 INHALATION
986 ALL	485972.96	3674917.09	0.0000124	100414 Ethyl Benzene	5.25E-11 30YrCancerDerived	*	5.25E-11 INHALATION
987 ALL	485993.8	3674917.09	0.0000116	100414 Ethyl Benzene	4.90E-11 30YrCancerDerived	*	4.90E-11 INHALATION
988 ALL	486014.64	3674917.09	0.0000116	100414 Ethyl Benzene	4.89E-11 30YrCancerDerived	*	4.89E-11 INHALATION
989 ALL	486035.48	3674917.09	0.0000142	100414 Ethyl Benzene	5.98E-11 30YrCancerDerived	*	5.98E-11 INHALATION
990 ALL	486056.32	3674917.09	0.0000169	100414 Ethyl Benzene	7.13E-11 30YrCancerDerived	*	7.13E-11 INHALATION
991 ALL	486077.16	3674917.09	0.0000157	100414 Ethyl Benzene	6.63E-11 30YrCancerDerived	*	6.63E-11 INHALATION
992 ALL	486098	3674917.09	0.0000117	100414 Ethyl Benzene	4.95E-11 30YrCancerDerived	*	4.95E-11 INHALATION
993 ALL	486118.84	3674917.09	0.00000942	100414 Ethyl Benzene	3.98E-11 30YrCancerDerived	*	3.98E-11 INHALATION
994 ALL	486139.68	3674917.09	0.00000776	100414 Ethyl Benzene	3.28E-11 30YrCancerDerived	*	3.28E-11 INHALATION
995 ALL	486160.52	3674917.09	0.00000693	100414 Ethyl Benzene	2.93E-11 30YrCancerDerived	*	2.93E-11 INHALATION
996 ALL	486181.36	3674917.09	0.00000661	100414 Ethyl Benzene	2.79E-11 30YrCancerDerived	*	2.79E-11 INHALATION
997 ALL	486202.2	3674917.09	0.00000782	100414 Ethyl Benzene	3.30E-11 30YrCancerDerived	*	3.30E-11 INHALATION
998 ALL	486223.04	3674917.09	0.00000901	100414 Ethyl Benzene	3.80E-11 30YrCancerDerived	*	3.80E-11 INHALATION
999 ALL	486243.88	3674917.09	0.00000923	100414 Ethyl Benzene	3.90E-11 30YrCancerDerived	*	3.90E-11 INHALATION
1000 ALL	486264.72	3674917.09	0.00000811	100414 Ethyl Benzene	3.42E-11 30YrCancerDerived	*	3.42E-11 INHALATION
1001 ALL	486285.56	3674917.09	0.00000717	100414 Ethyl Benzene	3.03E-11 30YrCancerDerived	*	3.03E-11 INHALATION
1002 ALL	486306.4	3674917.09	0.00000647	100414 Ethyl Benzene	2.73E-11 30YrCancerDerived	*	2.73E-11 INHALATION
1003 ALL	486327.24	3674917.09	0.00000606	100414 Ethyl Benzene	2.56E-11 30YrCancerDerived	*	2.56E-11 INHALATION
1004 ALL	485868.76	3674936.97	0.00000876	100414 Ethyl Benzene	3.70E-11 30YrCancerDerived	*	3.70E-11 INHALATION
1005 ALL	485889.6	3674936.97	0.000001	100414 Ethyl Benzene	4.23E-11 30YrCancerDerived	*	4.23E-11 INHALATION
1006 ALL	485910.44	3674936.97	0.0000112	100414 Ethyl Benzene	4.71E-11 30YrCancerDerived	*	4.71E-11 INHALATION
1007 ALL	485931.28	3674936.97	0.0000118	100414 Ethyl Benzene	4.98E-11 30YrCancerDerived	*	4.98E-11 INHALATION
1008 ALL	485952.12	3674936.97	0.0000122	100414 Ethyl Benzene	5.13E-11 30YrCancerDerived	*	5.13E-11 INHALATION
1009 ALL	485972.96	3674936.97	0.0000116	100414 Ethyl Benzene	4.90E-11 30YrCancerDerived	*	4.90E-11 INHALATION

1010	ALL	485993.8	3674936.97	0.0000111	100414	Ethyl Benzene	4.67E-11	30YrCancerDerived	*	4.67E-11	INHALATION
1011	ALL	486014.64	3674936.97	0.0000107	100414	Ethyl Benzene	4.51E-11	30YrCancerDerived	*	4.51E-11	INHALATION
1012	ALL	486035.48	3674936.97	0.0000125	100414	Ethyl Benzene	5.26E-11	30YrCancerDerived	*	5.26E-11	INHALATION
1013	ALL	486056.32	3674936.97	0.0000147	100414	Ethyl Benzene	6.22E-11	30YrCancerDerived	*	6.22E-11	INHALATION
1014	ALL	486077.16	3674936.97	0.000014	100414	Ethyl Benzene	5.91E-11	30YrCancerDerived	*	5.91E-11	INHALATION
1015	ALL	486098	3674936.97	0.0000119	100414	Ethyl Benzene	5.03E-11	30YrCancerDerived	*	5.03E-11	INHALATION
1016	ALL	486118.84	3674936.97	0.0000099	100414	Ethyl Benzene	4.18E-11	30YrCancerDerived	*	4.18E-11	INHALATION
1017	ALL	486139.68	3674936.97	0.00000813	100414	Ethyl Benzene	3.43E-11	30YrCancerDerived	*	3.43E-11	INHALATION
1018	ALL	486160.52	3674936.97	0.00000712	100414	Ethyl Benzene	3.01E-11	30YrCancerDerived	*	3.01E-11	INHALATION
1019	ALL	486181.36	3674936.97	0.00000657	100414	Ethyl Benzene	2.77E-11	30YrCancerDerived	*	2.77E-11	INHALATION
1020	ALL	486202.2	3674936.97	0.00000673	100414	Ethyl Benzene	2.84E-11	30YrCancerDerived	*	2.84E-11	INHALATION
1021	ALL	486223.04	3674936.97	0.00000785	100414	Ethyl Benzene	3.32E-11	30YrCancerDerived	*	3.32E-11	INHALATION
1022	ALL	486243.88	3674936.97	0.00000838	100414	Ethyl Benzene	3.54E-11	30YrCancerDerived	*	3.54E-11	INHALATION
1023	ALL	486264.72	3674936.97	0.00000816	100414	Ethyl Benzene	3.45E-11	30YrCancerDerived	*	3.45E-11	INHALATION
1024	ALL	486285.56	3674936.97	0.00000744	100414	Ethyl Benzene	3.14E-11	30YrCancerDerived	*	3.14E-11	INHALATION
1025	ALL	486306.4	3674936.97	0.00000689	100414	Ethyl Benzene	2.91E-11	30YrCancerDerived	*	2.91E-11	INHALATION
1026	ALL	486327.24	3674936.97	0.00000626	100414	Ethyl Benzene	2.65E-11	30YrCancerDerived	*	2.65E-11	INHALATION
1027	ALL	486348.08	3674936.97	0.00000596	100414	Ethyl Benzene	2.52E-11	30YrCancerDerived	*	2.52E-11	INHALATION
1028	ALL	485889.6	3674956.85	0.00000962	100414	Ethyl Benzene	4.06E-11	30YrCancerDerived	*	4.06E-11	INHALATION
1029	ALL	485910.44	3674956.85	0.0000106	100414	Ethyl Benzene	4.48E-11	30YrCancerDerived	*	4.48E-11	INHALATION
1030	ALL	485931.28	3674956.85	0.0000113	100414	Ethyl Benzene	4.77E-11	30YrCancerDerived	*	4.77E-11	INHALATION
1031	ALL	485952.12	3674956.85	0.0000117	100414	Ethyl Benzene	4.96E-11	30YrCancerDerived	*	4.96E-11	INHALATION
1032	ALL	485972.96	3674956.85	0.0000115	100414	Ethyl Benzene	4.86E-11	30YrCancerDerived	*	4.86E-11	INHALATION
1033	ALL	485993.8	3674956.85	0.0000108	100414	Ethyl Benzene	4.56E-11	30YrCancerDerived	*	4.56E-11	INHALATION
1034	ALL	486014.64	3674956.85	0.0000102	100414	Ethyl Benzene	4.32E-11	30YrCancerDerived	*	4.32E-11	INHALATION
1035	ALL	486035.48	3674956.85	0.0000113	100414	Ethyl Benzene	4.78E-11	30YrCancerDerived	*	4.78E-11	INHALATION
1036	ALL	486056.32	3674956.85	0.0000131	100414	Ethyl Benzene	5.55E-11	30YrCancerDerived	*	5.55E-11	INHALATION
1037	ALL	486077.16	3674956.85	0.000013	100414	Ethyl Benzene	5.48E-11	30YrCancerDerived	*	5.48E-11	INHALATION
1038	ALL	486098	3674956.85	0.0000112	100414	Ethyl Benzene	4.74E-11	30YrCancerDerived	*	4.74E-11	INHALATION
1039	ALL	486118.84	3674956.85	0.00000993	100414	Ethyl Benzene	4.19E-11	30YrCancerDerived	*	4.19E-11	INHALATION
1040	ALL	486139.68	3674956.85	0.00000868	100414	Ethyl Benzene	3.67E-11	30YrCancerDerived	*	3.67E-11	INHALATION
1041	ALL	486160.52	3674956.85	0.00000765	100414	Ethyl Benzene	3.23E-11	30YrCancerDerived	*	3.23E-11	INHALATION
1042	ALL	486181.36	3674956.85	0.00000686	100414	Ethyl Benzene	2.90E-11	30YrCancerDerived	*	2.90E-11	INHALATION
1043	ALL	486202.2	3674956.85	0.00000656	100414	Ethyl Benzene	2.77E-11	30YrCancerDerived	*	2.77E-11	INHALATION
1044	ALL	486223.04	3674956.85	0.000007	100414	Ethyl Benzene	2.96E-11	30YrCancerDerived	*	2.96E-11	INHALATION

1045	ALL	486243.88	3674956.85	0.00000764	100414	Ethyl Benzene	3.22E-11	30YrCancerDerived	*	3.22E-11	INHALATION
1046	ALL	486264.72	3674956.85	0.00000753	100414	Ethyl Benzene	3.18E-11	30YrCancerDerived	*	3.18E-11	INHALATION
1047	ALL	486285.56	3674956.85	0.00000719	100414	Ethyl Benzene	3.04E-11	30YrCancerDerived	*	3.04E-11	INHALATION
1048	ALL	486306.4	3674956.85	0.00000681	100414	Ethyl Benzene	2.88E-11	30YrCancerDerived	*	2.88E-11	INHALATION
1049	ALL	486327.24	3674956.85	0.00000645	100414	Ethyl Benzene	2.72E-11	30YrCancerDerived	*	2.72E-11	INHALATION
1050	ALL	486348.08	3674956.85	0.00000633	100414	Ethyl Benzene	2.67E-11	30YrCancerDerived	*	2.67E-11	INHALATION
1051	ALL	486368.92	3674956.85	0.00000652	100414	Ethyl Benzene	2.75E-11	30YrCancerDerived	*	2.75E-11	INHALATION
1052	ALL	485889.6	3674976.73	0.00000966	100414	Ethyl Benzene	4.08E-11	30YrCancerDerived	*	4.08E-11	INHALATION
1053	ALL	485910.44	3674976.73	0.0000106	100414	Ethyl Benzene	4.47E-11	30YrCancerDerived	*	4.47E-11	INHALATION
1054	ALL	485931.28	3674976.73	0.0000112	100414	Ethyl Benzene	4.74E-11	30YrCancerDerived	*	4.74E-11	INHALATION
1055	ALL	485952.12	3674976.73	0.0000126	100414	Ethyl Benzene	5.34E-11	30YrCancerDerived	*	5.34E-11	INHALATION
1056	ALL	485972.96	3674976.73	0.000012	100414	Ethyl Benzene	5.09E-11	30YrCancerDerived	*	5.09E-11	INHALATION
1057	ALL	485993.8	3674976.73	0.0000107	100414	Ethyl Benzene	4.54E-11	30YrCancerDerived	*	4.54E-11	INHALATION
1058	ALL	486014.64	3674976.73	0.00001	100414	Ethyl Benzene	4.23E-11	30YrCancerDerived	*	4.23E-11	INHALATION
1059	ALL	486035.48	3674976.73	0.0000108	100414	Ethyl Benzene	4.56E-11	30YrCancerDerived	*	4.56E-11	INHALATION
1060	ALL	486056.32	3674976.73	0.0000121	100414	Ethyl Benzene	5.12E-11	30YrCancerDerived	*	5.12E-11	INHALATION
1061	ALL	486077.16	3674976.73	0.0000126	100414	Ethyl Benzene	5.31E-11	30YrCancerDerived	*	5.31E-11	INHALATION
1062	ALL	486098	3674976.73	0.0000118	100414	Ethyl Benzene	5.00E-11	30YrCancerDerived	*	5.00E-11	INHALATION
1063	ALL	486118.84	3674976.73	0.0000112	100414	Ethyl Benzene	4.73E-11	30YrCancerDerived	*	4.73E-11	INHALATION
1064	ALL	486139.68	3674976.73	0.00000978	100414	Ethyl Benzene	4.13E-11	30YrCancerDerived	*	4.13E-11	INHALATION
1065	ALL	486160.52	3674976.73	0.00000818	100414	Ethyl Benzene	3.45E-11	30YrCancerDerived	*	3.45E-11	INHALATION
1066	ALL	486181.36	3674976.73	0.00000704	100414	Ethyl Benzene	2.97E-11	30YrCancerDerived	*	2.97E-11	INHALATION
1067	ALL	486202.2	3674976.73	0.00000656	100414	Ethyl Benzene	2.77E-11	30YrCancerDerived	*	2.77E-11	INHALATION
1068	ALL	486223.04	3674976.73	0.00000674	100414	Ethyl Benzene	2.85E-11	30YrCancerDerived	*	2.85E-11	INHALATION
1069	ALL	486243.88	3674976.73	0.00000713	100414	Ethyl Benzene	3.01E-11	30YrCancerDerived	*	3.01E-11	INHALATION
1070	ALL	486264.72	3674976.73	0.00000698	100414	Ethyl Benzene	2.95E-11	30YrCancerDerived	*	2.95E-11	INHALATION
1071	ALL	486285.56	3674976.73	0.00000687	100414	Ethyl Benzene	2.90E-11	30YrCancerDerived	*	2.90E-11	INHALATION
1072	ALL	486306.4	3674976.73	0.00000684	100414	Ethyl Benzene	2.89E-11	30YrCancerDerived	*	2.89E-11	INHALATION
1073	ALL	486327.24	3674976.73	0.00000708	100414	Ethyl Benzene	2.99E-11	30YrCancerDerived	*	2.99E-11	INHALATION
1074	ALL	486348.08	3674976.73	0.00000711	100414	Ethyl Benzene	3.00E-11	30YrCancerDerived	*	3.00E-11	INHALATION
1075	ALL	486368.92	3674976.73	0.0000072	100414	Ethyl Benzene	3.04E-11	30YrCancerDerived	*	3.04E-11	INHALATION
1076	ALL	486389.76	3674976.73	0.00000762	100414	Ethyl Benzene	3.22E-11	30YrCancerDerived	*	3.22E-11	INHALATION
1077	ALL	486410.6	3674976.73	0.00000827	100414	Ethyl Benzene	3.49E-11	30YrCancerDerived	*	3.49E-11	INHALATION
1078	ALL	486431.44	3674976.73	0.00000865	100414	Ethyl Benzene	3.65E-11	30YrCancerDerived	*	3.65E-11	INHALATION
1079	ALL	485889.6	3674996.61	0.00000953	100414	Ethyl Benzene	4.02E-11	30YrCancerDerived	*	4.02E-11	INHALATION

1080 ALL	485910.44	3674996.61	0.0000116	100414 Ethyl Benzene	4.92E-11 30YrCancerDerived	*	4.92E-11 INHALATION
1081 ALL	485931.28	3674996.61	0.0000129	100414 Ethyl Benzene	5.45E-11 30YrCancerDerived	*	5.45E-11 INHALATION
1082 ALL	485952.12	3674996.61	0.0000147	100414 Ethyl Benzene	6.22E-11 30YrCancerDerived	*	6.22E-11 INHALATION
1083 ALL	485972.96	3674996.61	0.0000122	100414 Ethyl Benzene	5.14E-11 30YrCancerDerived	*	5.14E-11 INHALATION
1084 ALL	485993.8	3674996.61	0.0000104	100414 Ethyl Benzene	4.40E-11 30YrCancerDerived	*	4.40E-11 INHALATION
1085 ALL	486014.64	3674996.61	0.00000951	100414 Ethyl Benzene	4.02E-11 30YrCancerDerived	*	4.02E-11 INHALATION
1086 ALL	486035.48	3674996.61	0.00000985	100414 Ethyl Benzene	4.16E-11 30YrCancerDerived	*	4.16E-11 INHALATION
1087 ALL	486056.32	3674996.61	0.0000113	100414 Ethyl Benzene	4.77E-11 30YrCancerDerived	*	4.77E-11 INHALATION
1088 ALL	486077.16	3674996.61	0.0000117	100414 Ethyl Benzene	4.96E-11 30YrCancerDerived	*	4.96E-11 INHALATION
1089 ALL	486098	3674996.61	0.0000121	100414 Ethyl Benzene	5.13E-11 30YrCancerDerived	*	5.13E-11 INHALATION
1090 ALL	486118.84	3674996.61	0.0000119	100414 Ethyl Benzene	5.04E-11 30YrCancerDerived	*	5.04E-11 INHALATION
1091 ALL	486139.68	3674996.61	0.0000101	100414 Ethyl Benzene	4.27E-11 30YrCancerDerived	*	4.27E-11 INHALATION
1092 ALL	486160.52	3674996.61	0.00000848	100414 Ethyl Benzene	3.58E-11 30YrCancerDerived	*	3.58E-11 INHALATION
1093 ALL	486181.36	3674996.61	0.00000748	100414 Ethyl Benzene	3.16E-11 30YrCancerDerived	*	3.16E-11 INHALATION
1094 ALL	486202.2	3674996.61	0.00000676	100414 Ethyl Benzene	2.86E-11 30YrCancerDerived	*	2.86E-11 INHALATION
1095 ALL	486223.04	3674996.61	0.00000678	100414 Ethyl Benzene	2.86E-11 30YrCancerDerived	*	2.86E-11 INHALATION
1096 ALL	486243.88	3674996.61	0.00000695	100414 Ethyl Benzene	2.94E-11 30YrCancerDerived	*	2.94E-11 INHALATION
1097 ALL	486264.72	3674996.61	0.00000681	100414 Ethyl Benzene	2.88E-11 30YrCancerDerived	*	2.88E-11 INHALATION
1098 ALL	486285.56	3674996.61	0.00000655	100414 Ethyl Benzene	2.77E-11 30YrCancerDerived	*	2.77E-11 INHALATION
1099 ALL	486306.4	3674996.61	0.00000685	100414 Ethyl Benzene	2.89E-11 30YrCancerDerived	*	2.89E-11 INHALATION
1100 ALL	486327.24	3674996.61	0.00000735	100414 Ethyl Benzene	3.10E-11 30YrCancerDerived	*	3.10E-11 INHALATION
1101 ALL	486348.08	3674996.61	0.00000795	100414 Ethyl Benzene	3.36E-11 30YrCancerDerived	*	3.36E-11 INHALATION
1102 ALL	486368.92	3674996.61	0.00000819	100414 Ethyl Benzene	3.46E-11 30YrCancerDerived	*	3.46E-11 INHALATION
1103 ALL	486389.76	3674996.61	0.00000831	100414 Ethyl Benzene	3.51E-11 30YrCancerDerived	*	3.51E-11 INHALATION
1104 ALL	486410.6	3674996.61	0.00000938	100414 Ethyl Benzene	3.96E-11 30YrCancerDerived	*	3.96E-11 INHALATION
1105 ALL	486431.44	3674996.61	0.0000105	100414 Ethyl Benzene	4.42E-11 30YrCancerDerived	*	4.42E-11 INHALATION
1106 ALL	486452.28	3674996.61	0.0000118	100414 Ethyl Benzene	5.00E-11 30YrCancerDerived	*	5.00E-11 INHALATION
1107 ALL	486473.12	3674996.61	0.0000123	100414 Ethyl Benzene	5.18E-11 30YrCancerDerived	*	5.18E-11 INHALATION
1108 ALL	486493.96	3674996.61	0.0000121	100414 Ethyl Benzene	5.11E-11 30YrCancerDerived	*	5.11E-11 INHALATION
1109 ALL	486514.8	3674996.61	0.0000121	100414 Ethyl Benzene	5.10E-11 30YrCancerDerived	*	5.10E-11 INHALATION
1110 ALL	485889.6	3675016.49	0.00000904	100414 Ethyl Benzene	3.82E-11 30YrCancerDerived	*	3.82E-11 INHALATION
1111 ALL	485910.44	3675016.49	0.000012	100414 Ethyl Benzene	5.06E-11 30YrCancerDerived	*	5.06E-11 INHALATION
1112 ALL	485931.28	3675016.49	0.000014	100414 Ethyl Benzene	5.90E-11 30YrCancerDerived	*	5.90E-11 INHALATION
1113 ALL	485952.12	3675016.49	0.0000156	100414 Ethyl Benzene	6.60E-11 30YrCancerDerived	*	6.60E-11 INHALATION
1114 ALL	485972.96	3675016.49	0.0000126	100414 Ethyl Benzene	5.31E-11 30YrCancerDerived	*	5.31E-11 INHALATION

1115	ALL	485993.8	3675016.49	0.0000104	100414	Ethyl Benzene	4.37E-11	30YrCancerDerived	*	4.37E-11	INHALATION
1116	ALL	486014.64	3675016.49	0.00000922	100414	Ethyl Benzene	3.89E-11	30YrCancerDerived	*	3.89E-11	INHALATION
1117	ALL	486035.48	3675016.49	0.00000896	100414	Ethyl Benzene	3.78E-11	30YrCancerDerived	*	3.78E-11	INHALATION
1118	ALL	486056.32	3675016.49	0.00000947	100414	Ethyl Benzene	4.00E-11	30YrCancerDerived	*	4.00E-11	INHALATION
1119	ALL	486077.16	3675016.49	0.0000104	100414	Ethyl Benzene	4.39E-11	30YrCancerDerived	*	4.39E-11	INHALATION
1120	ALL	486098	3675016.49	0.0000112	100414	Ethyl Benzene	4.72E-11	30YrCancerDerived	*	4.72E-11	INHALATION
1121	ALL	486118.84	3675016.49	0.0000105	100414	Ethyl Benzene	4.45E-11	30YrCancerDerived	*	4.45E-11	INHALATION
1122	ALL	486139.68	3675016.49	0.00000985	100414	Ethyl Benzene	4.16E-11	30YrCancerDerived	*	4.16E-11	INHALATION
1123	ALL	486160.52	3675016.49	0.00000926	100414	Ethyl Benzene	3.91E-11	30YrCancerDerived	*	3.91E-11	INHALATION
1124	ALL	486181.36	3675016.49	0.00000813	100414	Ethyl Benzene	3.43E-11	30YrCancerDerived	*	3.43E-11	INHALATION
1125	ALL	486202.2	3675016.49	0.00000759	100414	Ethyl Benzene	3.21E-11	30YrCancerDerived	*	3.21E-11	INHALATION
1126	ALL	486223.04	3675016.49	0.00000705	100414	Ethyl Benzene	2.98E-11	30YrCancerDerived	*	2.98E-11	INHALATION
1127	ALL	486243.88	3675016.49	0.00000683	100414	Ethyl Benzene	2.88E-11	30YrCancerDerived	*	2.88E-11	INHALATION
1128	ALL	486264.72	3675016.49	0.00000665	100414	Ethyl Benzene	2.81E-11	30YrCancerDerived	*	2.81E-11	INHALATION
1129	ALL	486285.56	3675016.49	0.00000634	100414	Ethyl Benzene	2.68E-11	30YrCancerDerived	*	2.68E-11	INHALATION
1130	ALL	486306.4	3675016.49	0.00000644	100414	Ethyl Benzene	2.72E-11	30YrCancerDerived	*	2.72E-11	INHALATION
1131	ALL	486327.24	3675016.49	0.00000718	100414	Ethyl Benzene	3.03E-11	30YrCancerDerived	*	3.03E-11	INHALATION
1132	ALL	486348.08	3675016.49	0.00000833	100414	Ethyl Benzene	3.52E-11	30YrCancerDerived	*	3.52E-11	INHALATION
1133	ALL	486368.92	3675016.49	0.0000098	100414	Ethyl Benzene	4.14E-11	30YrCancerDerived	*	4.14E-11	INHALATION
1134	ALL	486389.76	3675016.49	0.0000102	100414	Ethyl Benzene	4.31E-11	30YrCancerDerived	*	4.31E-11	INHALATION
1135	ALL	486410.6	3675016.49	0.0000109	100414	Ethyl Benzene	4.60E-11	30YrCancerDerived	*	4.60E-11	INHALATION
1136	ALL	486431.44	3675016.49	0.0000132	100414	Ethyl Benzene	5.59E-11	30YrCancerDerived	*	5.59E-11	INHALATION
1137	ALL	486452.28	3675016.49	0.0000158	100414	Ethyl Benzene	6.67E-11	30YrCancerDerived	*	6.67E-11	INHALATION
1138	ALL	486473.12	3675016.49	0.000017	100414	Ethyl Benzene	7.18E-11	30YrCancerDerived	*	7.18E-11	INHALATION
1139	ALL	486493.96	3675016.49	0.0000175	100414	Ethyl Benzene	7.38E-11	30YrCancerDerived	*	7.38E-11	INHALATION
1140	ALL	486514.8	3675016.49	0.000018	100414	Ethyl Benzene	7.60E-11	30YrCancerDerived	*	7.60E-11	INHALATION
1141	ALL	485889.6	3675036.37	0.00000898	100414	Ethyl Benzene	3.79E-11	30YrCancerDerived	*	3.79E-11	INHALATION
1142	ALL	485910.44	3675036.37	0.000012	100414	Ethyl Benzene	5.05E-11	30YrCancerDerived	*	5.05E-11	INHALATION
1143	ALL	485931.28	3675036.37	0.0000142	100414	Ethyl Benzene	5.97E-11	30YrCancerDerived	*	5.97E-11	INHALATION
1144	ALL	485952.12	3675036.37	0.0000185	100414	Ethyl Benzene	7.82E-11	30YrCancerDerived	*	7.82E-11	INHALATION
1145	ALL	485972.96	3675036.37	0.0000143	100414	Ethyl Benzene	6.03E-11	30YrCancerDerived	*	6.03E-11	INHALATION
1146	ALL	485993.8	3675036.37	0.0000109	100414	Ethyl Benzene	4.62E-11	30YrCancerDerived	*	4.62E-11	INHALATION
1147	ALL	486014.64	3675036.37	0.00000982	100414	Ethyl Benzene	4.14E-11	30YrCancerDerived	*	4.14E-11	INHALATION
1148	ALL	486035.48	3675036.37	0.00000902	100414	Ethyl Benzene	3.81E-11	30YrCancerDerived	*	3.81E-11	INHALATION
1149	ALL	486056.32	3675036.37	0.00000894	100414	Ethyl Benzene	3.77E-11	30YrCancerDerived	*	3.77E-11	INHALATION

1150	ALL	486077.16	3675036.37	0.00000934	100414	Ethyl Benzene	3.94E-11	30YrCancerDerived	*	3.94E-11	INHALATION
1151	ALL	486098	3675036.37	0.00000976	100414	Ethyl Benzene	4.12E-11	30YrCancerDerived	*	4.12E-11	INHALATION
1152	ALL	486118.84	3675036.37	0.00000953	100414	Ethyl Benzene	4.02E-11	30YrCancerDerived	*	4.02E-11	INHALATION
1153	ALL	486139.68	3675036.37	0.00000879	100414	Ethyl Benzene	3.71E-11	30YrCancerDerived	*	3.71E-11	INHALATION
1154	ALL	486160.52	3675036.37	0.00000866	100414	Ethyl Benzene	3.65E-11	30YrCancerDerived	*	3.65E-11	INHALATION
1155	ALL	486181.36	3675036.37	0.00000815	100414	Ethyl Benzene	3.44E-11	30YrCancerDerived	*	3.44E-11	INHALATION
1156	ALL	486202.2	3675036.37	0.00000741	100414	Ethyl Benzene	3.13E-11	30YrCancerDerived	*	3.13E-11	INHALATION
1157	ALL	486223.04	3675036.37	0.00000684	100414	Ethyl Benzene	2.89E-11	30YrCancerDerived	*	2.89E-11	INHALATION
1158	ALL	486243.88	3675036.37	0.00000674	100414	Ethyl Benzene	2.85E-11	30YrCancerDerived	*	2.85E-11	INHALATION
1159	ALL	486264.72	3675036.37	0.00000678	100414	Ethyl Benzene	2.86E-11	30YrCancerDerived	*	2.86E-11	INHALATION
1160	ALL	486285.56	3675036.37	0.00000668	100414	Ethyl Benzene	2.82E-11	30YrCancerDerived	*	2.82E-11	INHALATION
1161	ALL	486306.4	3675036.37	0.00000674	100414	Ethyl Benzene	2.85E-11	30YrCancerDerived	*	2.85E-11	INHALATION
1162	ALL	486327.24	3675036.37	0.00000748	100414	Ethyl Benzene	3.16E-11	30YrCancerDerived	*	3.16E-11	INHALATION
1163	ALL	486348.08	3675036.37	0.00000896	100414	Ethyl Benzene	3.78E-11	30YrCancerDerived	*	3.78E-11	INHALATION
1164	ALL	486368.92	3675036.37	0.0000115	100414	Ethyl Benzene	4.87E-11	30YrCancerDerived	*	4.87E-11	INHALATION
1165	ALL	486389.76	3675036.37	0.0000139	100414	Ethyl Benzene	5.87E-11	30YrCancerDerived	*	5.87E-11	INHALATION
1166	ALL	486410.6	3675036.37	0.000015	100414	Ethyl Benzene	6.33E-11	30YrCancerDerived	*	6.33E-11	INHALATION
1167	ALL	486431.44	3675036.37	0.0000179	100414	Ethyl Benzene	7.55E-11	30YrCancerDerived	*	7.55E-11	INHALATION
1168	ALL	486452.28	3675036.37	0.0000199	100414	Ethyl Benzene	8.42E-11	30YrCancerDerived	*	8.42E-11	INHALATION
1169	ALL	486473.12	3675036.37	0.0000212	100414	Ethyl Benzene	8.95E-11	30YrCancerDerived	*	8.95E-11	INHALATION
1170	ALL	486493.96	3675036.37	0.000023	100414	Ethyl Benzene	9.70E-11	30YrCancerDerived	*	9.70E-11	INHALATION
1171	ALL	486514.8	3675036.37	0.0000244	100414	Ethyl Benzene	1.03E-10	30YrCancerDerived	*	1.03E-10	INHALATION
1172	ALL	485889.6	3675056.25	0.00000932	100414	Ethyl Benzene	3.93E-11	30YrCancerDerived	*	3.93E-11	INHALATION
1173	ALL	485910.44	3675056.25	0.0000124	100414	Ethyl Benzene	5.23E-11	30YrCancerDerived	*	5.23E-11	INHALATION
1174	ALL	485931.28	3675056.25	0.0000165	100414	Ethyl Benzene	6.96E-11	30YrCancerDerived	*	6.96E-11	INHALATION
1175	ALL	485952.12	3675056.25	0.0000204	100414	Ethyl Benzene	8.61E-11	30YrCancerDerived	*	8.61E-11	INHALATION
1176	ALL	485972.96	3675056.25	0.0000174	100414	Ethyl Benzene	7.35E-11	30YrCancerDerived	*	7.35E-11	INHALATION
1177	ALL	485993.8	3675056.25	0.0000129	100414	Ethyl Benzene	5.43E-11	30YrCancerDerived	*	5.43E-11	INHALATION
1178	ALL	486014.64	3675056.25	0.0000112	100414	Ethyl Benzene	4.72E-11	30YrCancerDerived	*	4.72E-11	INHALATION
1179	ALL	486035.48	3675056.25	0.00000962	100414	Ethyl Benzene	4.06E-11	30YrCancerDerived	*	4.06E-11	INHALATION
1180	ALL	486056.32	3675056.25	0.00000922	100414	Ethyl Benzene	3.89E-11	30YrCancerDerived	*	3.89E-11	INHALATION
1181	ALL	486077.16	3675056.25	0.0000087	100414	Ethyl Benzene	3.67E-11	30YrCancerDerived	*	3.67E-11	INHALATION
1182	ALL	486098	3675056.25	0.00000854	100414	Ethyl Benzene	3.61E-11	30YrCancerDerived	*	3.61E-11	INHALATION
1183	ALL	486118.84	3675056.25	0.00000849	100414	Ethyl Benzene	3.59E-11	30YrCancerDerived	*	3.59E-11	INHALATION
1184	ALL	486139.68	3675056.25	0.00000785	100414	Ethyl Benzene	3.31E-11	30YrCancerDerived	*	3.31E-11	INHALATION

1185	ALL	486160.52	3675056.25	0.00000745	100414	Ethyl Benzene	3.15E-11	30YrCancerDerived	*	3.15E-11	INHALATION
1186	ALL	486181.36	3675056.25	0.00000751	100414	Ethyl Benzene	3.17E-11	30YrCancerDerived	*	3.17E-11	INHALATION
1187	ALL	486202.2	3675056.25	0.00000685	100414	Ethyl Benzene	2.89E-11	30YrCancerDerived	*	2.89E-11	INHALATION
1188	ALL	486223.04	3675056.25	0.00000656	100414	Ethyl Benzene	2.77E-11	30YrCancerDerived	*	2.77E-11	INHALATION
1189	ALL	486243.88	3675056.25	0.00000678	100414	Ethyl Benzene	2.86E-11	30YrCancerDerived	*	2.86E-11	INHALATION
1190	ALL	486264.72	3675056.25	0.00000718	100414	Ethyl Benzene	3.03E-11	30YrCancerDerived	*	3.03E-11	INHALATION
1191	ALL	486285.56	3675056.25	0.00000751	100414	Ethyl Benzene	3.17E-11	30YrCancerDerived	*	3.17E-11	INHALATION
1192	ALL	486306.4	3675056.25	0.00000786	100414	Ethyl Benzene	3.32E-11	30YrCancerDerived	*	3.32E-11	INHALATION
1193	ALL	486327.24	3675056.25	0.00000865	100414	Ethyl Benzene	3.65E-11	30YrCancerDerived	*	3.65E-11	INHALATION
1194	ALL	486348.08	3675056.25	0.0000109	100414	Ethyl Benzene	4.61E-11	30YrCancerDerived	*	4.61E-11	INHALATION
1195	ALL	486368.92	3675056.25	0.0000138	100414	Ethyl Benzene	5.83E-11	30YrCancerDerived	*	5.83E-11	INHALATION
1196	ALL	486389.76	3675056.25	0.0000155	100414	Ethyl Benzene	6.54E-11	30YrCancerDerived	*	6.54E-11	INHALATION
1197	ALL	486410.6	3675056.25	0.0000162	100414	Ethyl Benzene	6.85E-11	30YrCancerDerived	*	6.85E-11	INHALATION
1198	ALL	486431.44	3675056.25	0.000018	100414	Ethyl Benzene	7.62E-11	30YrCancerDerived	*	7.62E-11	INHALATION
1199	ALL	486452.28	3675056.25	0.0000194	100414	Ethyl Benzene	8.20E-11	30YrCancerDerived	*	8.20E-11	INHALATION
1200	ALL	486473.12	3675056.25	0.0000209	100414	Ethyl Benzene	8.84E-11	30YrCancerDerived	*	8.84E-11	INHALATION
1201	ALL	486493.96	3675056.25	0.000024	100414	Ethyl Benzene	1.01E-10	30YrCancerDerived	*	1.01E-10	INHALATION
1202	ALL	486514.8	3675056.25	0.0000275	100414	Ethyl Benzene	1.16E-10	30YrCancerDerived	*	1.16E-10	INHALATION
1203	ALL	485889.6	3675076.13	0.00000983	100414	Ethyl Benzene	4.15E-11	30YrCancerDerived	*	4.15E-11	INHALATION
1204	ALL	485910.44	3675076.13	0.0000126	100414	Ethyl Benzene	5.32E-11	30YrCancerDerived	*	5.32E-11	INHALATION
1205	ALL	485931.28	3675076.13	0.0000174	100414	Ethyl Benzene	7.35E-11	30YrCancerDerived	*	7.35E-11	INHALATION
1206	ALL	485952.12	3675076.13	0.0000222	100414	Ethyl Benzene	9.39E-11	30YrCancerDerived	*	9.39E-11	INHALATION
1207	ALL	485972.96	3675076.13	0.0000169	100414	Ethyl Benzene	7.15E-11	30YrCancerDerived	*	7.15E-11	INHALATION
1208	ALL	485993.8	3675076.13	0.0000121	100414	Ethyl Benzene	5.10E-11	30YrCancerDerived	*	5.10E-11	INHALATION
1209	ALL	486014.64	3675076.13	0.0000107	100414	Ethyl Benzene	4.52E-11	30YrCancerDerived	*	4.52E-11	INHALATION
1210	ALL	486035.48	3675076.13	0.0000102	100414	Ethyl Benzene	4.29E-11	30YrCancerDerived	*	4.29E-11	INHALATION
1211	ALL	486056.32	3675076.13	0.00000953	100414	Ethyl Benzene	4.03E-11	30YrCancerDerived	*	4.03E-11	INHALATION
1212	ALL	486077.16	3675076.13	0.00000882	100414	Ethyl Benzene	3.72E-11	30YrCancerDerived	*	3.72E-11	INHALATION
1213	ALL	486098	3675076.13	0.00000781	100414	Ethyl Benzene	3.30E-11	30YrCancerDerived	*	3.30E-11	INHALATION
1214	ALL	486118.84	3675076.13	0.0000074	100414	Ethyl Benzene	3.13E-11	30YrCancerDerived	*	3.13E-11	INHALATION
1215	ALL	486139.68	3675076.13	0.00000697	100414	Ethyl Benzene	2.94E-11	30YrCancerDerived	*	2.94E-11	INHALATION
1216	ALL	486160.52	3675076.13	0.00000638	100414	Ethyl Benzene	2.69E-11	30YrCancerDerived	*	2.69E-11	INHALATION
1217	ALL	486181.36	3675076.13	0.00000633	100414	Ethyl Benzene	2.67E-11	30YrCancerDerived	*	2.67E-11	INHALATION
1218	ALL	486202.2	3675076.13	0.00000638	100414	Ethyl Benzene	2.69E-11	30YrCancerDerived	*	2.69E-11	INHALATION
1219	ALL	486223.04	3675076.13	0.00000645	100414	Ethyl Benzene	2.72E-11	30YrCancerDerived	*	2.72E-11	INHALATION

1220	ALL	486243.88	3675076.13	0.0000069	100414	Ethyl Benzene	2.91E-11	30YrCancerDerived	*	2.91E-11	INHALATION
1221	ALL	486264.72	3675076.13	0.00000755	100414	Ethyl Benzene	3.19E-11	30YrCancerDerived	*	3.19E-11	INHALATION
1222	ALL	486285.56	3675076.13	0.0000084	100414	Ethyl Benzene	3.55E-11	30YrCancerDerived	*	3.55E-11	INHALATION
1223	ALL	486306.4	3675076.13	0.00000949	100414	Ethyl Benzene	4.01E-11	30YrCancerDerived	*	4.01E-11	INHALATION
1224	ALL	486327.24	3675076.13	0.0000106	100414	Ethyl Benzene	4.48E-11	30YrCancerDerived	*	4.48E-11	INHALATION
1225	ALL	486348.08	3675076.13	0.0000122	100414	Ethyl Benzene	5.13E-11	30YrCancerDerived	*	5.13E-11	INHALATION
1226	ALL	486368.92	3675076.13	0.0000124	100414	Ethyl Benzene	5.22E-11	30YrCancerDerived	*	5.22E-11	INHALATION
1227	ALL	486389.76	3675076.13	0.0000127	100414	Ethyl Benzene	5.36E-11	30YrCancerDerived	*	5.36E-11	INHALATION
1228	ALL	486410.6	3675076.13	0.0000132	100414	Ethyl Benzene	5.58E-11	30YrCancerDerived	*	5.58E-11	INHALATION
1229	ALL	486431.44	3675076.13	0.0000141	100414	Ethyl Benzene	5.95E-11	30YrCancerDerived	*	5.95E-11	INHALATION
1230	ALL	486452.28	3675076.13	0.0000153	100414	Ethyl Benzene	6.44E-11	30YrCancerDerived	*	6.44E-11	INHALATION
1231	ALL	486473.12	3675076.13	0.0000167	100414	Ethyl Benzene	7.03E-11	30YrCancerDerived	*	7.03E-11	INHALATION
1232	ALL	486493.96	3675076.13	0.0000186	100414	Ethyl Benzene	7.87E-11	30YrCancerDerived	*	7.87E-11	INHALATION
1233	ALL	486514.8	3675076.13	0.0000214	100414	Ethyl Benzene	9.03E-11	30YrCancerDerived	*	9.03E-11	INHALATION
1234	ALL	485889.6	3675096.01	0.00000985	100414	Ethyl Benzene	4.16E-11	30YrCancerDerived	*	4.16E-11	INHALATION
1235	ALL	485910.44	3675096.01	0.0000131	100414	Ethyl Benzene	5.55E-11	30YrCancerDerived	*	5.55E-11	INHALATION
1236	ALL	485931.28	3675096.01	0.0000196	100414	Ethyl Benzene	8.30E-11	30YrCancerDerived	*	8.30E-11	INHALATION
1237	ALL	485952.12	3675096.01	0.0000266	100414	Ethyl Benzene	1.12E-10	30YrCancerDerived	*	1.12E-10	INHALATION
1238	ALL	485972.96	3675096.01	0.0000191	100414	Ethyl Benzene	8.05E-11	30YrCancerDerived	*	8.05E-11	INHALATION
1239	ALL	485993.8	3675096.01	0.0000128	100414	Ethyl Benzene	5.39E-11	30YrCancerDerived	*	5.39E-11	INHALATION
1240	ALL	486014.64	3675096.01	0.000011	100414	Ethyl Benzene	4.64E-11	30YrCancerDerived	*	4.64E-11	INHALATION
1241	ALL	486035.48	3675096.01	0.0000109	100414	Ethyl Benzene	4.60E-11	30YrCancerDerived	*	4.60E-11	INHALATION
1242	ALL	486056.32	3675096.01	0.0000109	100414	Ethyl Benzene	4.59E-11	30YrCancerDerived	*	4.59E-11	INHALATION
1243	ALL	486077.16	3675096.01	0.0000104	100414	Ethyl Benzene	4.39E-11	30YrCancerDerived	*	4.39E-11	INHALATION
1244	ALL	486098	3675096.01	0.00000879	100414	Ethyl Benzene	3.71E-11	30YrCancerDerived	*	3.71E-11	INHALATION
1245	ALL	486118.84	3675096.01	0.00000705	100414	Ethyl Benzene	2.98E-11	30YrCancerDerived	*	2.98E-11	INHALATION
1246	ALL	486139.68	3675096.01	0.00000633	100414	Ethyl Benzene	2.67E-11	30YrCancerDerived	*	2.67E-11	INHALATION
1247	ALL	486160.52	3675096.01	0.00000588	100414	Ethyl Benzene	2.48E-11	30YrCancerDerived	*	2.48E-11	INHALATION
1248	ALL	486181.36	3675096.01	0.00000584	100414	Ethyl Benzene	2.47E-11	30YrCancerDerived	*	2.47E-11	INHALATION
1249	ALL	486202.2	3675096.01	0.000006	100414	Ethyl Benzene	2.53E-11	30YrCancerDerived	*	2.53E-11	INHALATION
1250	ALL	486223.04	3675096.01	0.00000642	100414	Ethyl Benzene	2.71E-11	30YrCancerDerived	*	2.71E-11	INHALATION
1251	ALL	486243.88	3675096.01	0.00000709	100414	Ethyl Benzene	2.99E-11	30YrCancerDerived	*	2.99E-11	INHALATION
1252	ALL	486264.72	3675096.01	0.00000798	100414	Ethyl Benzene	3.37E-11	30YrCancerDerived	*	3.37E-11	INHALATION
1253	ALL	486285.56	3675096.01	0.0000091	100414	Ethyl Benzene	3.84E-11	30YrCancerDerived	*	3.84E-11	INHALATION
1254	ALL	486306.4	3675096.01	0.0000103	100414	Ethyl Benzene	4.37E-11	30YrCancerDerived	*	4.37E-11	INHALATION

1255	ALL	486327.24	3675096.01	0.0000103	100414	Ethyl Benzene	4.36E-11	30YrCancerDerived	*	4.36E-11	INHALATION
1256	ALL	486348.08	3675096.01	0.00000993	100414	Ethyl Benzene	4.19E-11	30YrCancerDerived	*	4.19E-11	INHALATION
1257	ALL	486368.92	3675096.01	0.00000971	100414	Ethyl Benzene	4.10E-11	30YrCancerDerived	*	4.10E-11	INHALATION
1258	ALL	486389.76	3675096.01	0.00000973	100414	Ethyl Benzene	4.11E-11	30YrCancerDerived	*	4.11E-11	INHALATION
1259	ALL	486410.6	3675096.01	0.00000982	100414	Ethyl Benzene	4.15E-11	30YrCancerDerived	*	4.15E-11	INHALATION
1260	ALL	486431.44	3675096.01	0.0000101	100414	Ethyl Benzene	4.27E-11	30YrCancerDerived	*	4.27E-11	INHALATION
1261	ALL	486452.28	3675096.01	0.000011	100414	Ethyl Benzene	4.65E-11	30YrCancerDerived	*	4.65E-11	INHALATION
1262	ALL	486473.12	3675096.01	0.0000121	100414	Ethyl Benzene	5.11E-11	30YrCancerDerived	*	5.11E-11	INHALATION
1263	ALL	486493.96	3675096.01	0.0000135	100414	Ethyl Benzene	5.71E-11	30YrCancerDerived	*	5.71E-11	INHALATION
1264	ALL	486514.8	3675096.01	0.0000158	100414	Ethyl Benzene	6.65E-11	30YrCancerDerived	*	6.65E-11	INHALATION
1265	ALL	485889.6	3675115.89	0.0000109	100414	Ethyl Benzene	4.58E-11	30YrCancerDerived	*	4.58E-11	INHALATION
1266	ALL	485910.44	3675115.89	0.0000134	100414	Ethyl Benzene	5.65E-11	30YrCancerDerived	*	5.65E-11	INHALATION
1267	ALL	485931.28	3675115.89	0.0000192	100414	Ethyl Benzene	8.11E-11	30YrCancerDerived	*	8.11E-11	INHALATION
1268	ALL	485952.12	3675115.89	0.0000321	100414	Ethyl Benzene	1.36E-10	30YrCancerDerived	*	1.36E-10	INHALATION
1269	ALL	485972.96	3675115.89	0.000028	100414	Ethyl Benzene	1.18E-10	30YrCancerDerived	*	1.18E-10	INHALATION
1270	ALL	485993.8	3675115.89	0.0000187	100414	Ethyl Benzene	7.88E-11	30YrCancerDerived	*	7.88E-11	INHALATION
1271	ALL	486014.64	3675115.89	0.0000152	100414	Ethyl Benzene	6.40E-11	30YrCancerDerived	*	6.40E-11	INHALATION
1272	ALL	486035.48	3675115.89	0.0000139	100414	Ethyl Benzene	5.88E-11	30YrCancerDerived	*	5.88E-11	INHALATION
1273	ALL	486056.32	3675115.89	0.0000135	100414	Ethyl Benzene	5.69E-11	30YrCancerDerived	*	5.69E-11	INHALATION
1274	ALL	486077.16	3675115.89	0.0000122	100414	Ethyl Benzene	5.17E-11	30YrCancerDerived	*	5.17E-11	INHALATION
1275	ALL	486098	3675115.89	0.00000986	100414	Ethyl Benzene	4.16E-11	30YrCancerDerived	*	4.16E-11	INHALATION
1276	ALL	486118.84	3675115.89	0.00000768	100414	Ethyl Benzene	3.24E-11	30YrCancerDerived	*	3.24E-11	INHALATION
1277	ALL	486139.68	3675115.89	0.00000648	100414	Ethyl Benzene	2.73E-11	30YrCancerDerived	*	2.73E-11	INHALATION
1278	ALL	486160.52	3675115.89	0.00000598	100414	Ethyl Benzene	2.53E-11	30YrCancerDerived	*	2.53E-11	INHALATION
1279	ALL	486181.36	3675115.89	0.0000058	100414	Ethyl Benzene	2.45E-11	30YrCancerDerived	*	2.45E-11	INHALATION
1280	ALL	486202.2	3675115.89	0.00000597	100414	Ethyl Benzene	2.52E-11	30YrCancerDerived	*	2.52E-11	INHALATION
1281	ALL	486223.04	3675115.89	0.00000671	100414	Ethyl Benzene	2.83E-11	30YrCancerDerived	*	2.83E-11	INHALATION
1282	ALL	486243.88	3675115.89	0.00000741	100414	Ethyl Benzene	3.13E-11	30YrCancerDerived	*	3.13E-11	INHALATION
1283	ALL	486264.72	3675115.89	0.00000804	100414	Ethyl Benzene	3.39E-11	30YrCancerDerived	*	3.39E-11	INHALATION
1284	ALL	486285.56	3675115.89	0.00000828	100414	Ethyl Benzene	3.49E-11	30YrCancerDerived	*	3.49E-11	INHALATION
1285	ALL	486306.4	3675115.89	0.00000879	100414	Ethyl Benzene	3.71E-11	30YrCancerDerived	*	3.71E-11	INHALATION
1286	ALL	486327.24	3675115.89	0.0000086	100414	Ethyl Benzene	3.63E-11	30YrCancerDerived	*	3.63E-11	INHALATION
1287	ALL	486348.08	3675115.89	0.00000799	100414	Ethyl Benzene	3.37E-11	30YrCancerDerived	*	3.37E-11	INHALATION
1288	ALL	486368.92	3675115.89	0.00000738	100414	Ethyl Benzene	3.12E-11	30YrCancerDerived	*	3.12E-11	INHALATION
1289	ALL	486389.76	3675115.89	0.00000712	100414	Ethyl Benzene	3.01E-11	30YrCancerDerived	*	3.01E-11	INHALATION

1290 ALL	486410.6	3675115.89	0.00000706	100414 Ethyl Benzene	2.98E-11 30YrCancerDerived	*	2.98E-11 INHALATION
1291 ALL	486431.44	3675115.89	0.00000741	100414 Ethyl Benzene	3.13E-11 30YrCancerDerived	*	3.13E-11 INHALATION
1292 ALL	486452.28	3675115.89	0.00000805	100414 Ethyl Benzene	3.40E-11 30YrCancerDerived	*	3.40E-11 INHALATION
1293 ALL	486473.12	3675115.89	0.00000892	100414 Ethyl Benzene	3.77E-11 30YrCancerDerived	*	3.77E-11 INHALATION
1294 ALL	486493.96	3675115.89	0.0000104	100414 Ethyl Benzene	4.41E-11 30YrCancerDerived	*	4.41E-11 INHALATION
1295 ALL	486514.8	3675115.89	0.0000125	100414 Ethyl Benzene	5.27E-11 30YrCancerDerived	*	5.27E-11 INHALATION
1296 ALL	485889.6	3675135.77	0.0000105	100414 Ethyl Benzene	4.45E-11 30YrCancerDerived	*	4.45E-11 INHALATION
1297 ALL	485910.44	3675135.77	0.0000155	100414 Ethyl Benzene	6.53E-11 30YrCancerDerived	*	6.53E-11 INHALATION
1298 ALL	485931.28	3675135.77	0.0000218	100414 Ethyl Benzene	9.21E-11 30YrCancerDerived	*	9.21E-11 INHALATION
1299 ALL	485952.12	3675135.77	0.0000321	100414 Ethyl Benzene	1.35E-10 30YrCancerDerived	*	1.35E-10 INHALATION
1300 ALL	485972.96	3675135.77	0.0000483	100414 Ethyl Benzene	2.04E-10 30YrCancerDerived	*	2.04E-10 INHALATION
1301 ALL	485993.8	3675135.77	0.0000346	100414 Ethyl Benzene	1.46E-10 30YrCancerDerived	*	1.46E-10 INHALATION
1302 ALL	486014.64	3675135.77	0.0000257	100414 Ethyl Benzene	1.09E-10 30YrCancerDerived	*	1.09E-10 INHALATION
1303 ALL	486035.48	3675135.77	0.0000196	100414 Ethyl Benzene	8.30E-11 30YrCancerDerived	*	8.30E-11 INHALATION
1304 ALL	486056.32	3675135.77	0.0000152	100414 Ethyl Benzene	6.43E-11 30YrCancerDerived	*	6.43E-11 INHALATION
1305 ALL	486077.16	3675135.77	0.0000123	100414 Ethyl Benzene	5.18E-11 30YrCancerDerived	*	5.18E-11 INHALATION
1306 ALL	486098	3675135.77	0.00000942	100414 Ethyl Benzene	3.98E-11 30YrCancerDerived	*	3.98E-11 INHALATION
1307 ALL	486118.84	3675135.77	0.00000733	100414 Ethyl Benzene	3.10E-11 30YrCancerDerived	*	3.10E-11 INHALATION
1308 ALL	486139.68	3675135.77	0.00000637	100414 Ethyl Benzene	2.69E-11 30YrCancerDerived	*	2.69E-11 INHALATION
1309 ALL	486160.52	3675135.77	0.00000598	100414 Ethyl Benzene	2.52E-11 30YrCancerDerived	*	2.52E-11 INHALATION
1310 ALL	486181.36	3675135.77	0.00000583	100414 Ethyl Benzene	2.46E-11 30YrCancerDerived	*	2.46E-11 INHALATION
1311 ALL	486202.2	3675135.77	0.00000598	100414 Ethyl Benzene	2.52E-11 30YrCancerDerived	*	2.52E-11 INHALATION
1312 ALL	486223.04	3675135.77	0.00000675	100414 Ethyl Benzene	2.85E-11 30YrCancerDerived	*	2.85E-11 INHALATION
1313 ALL	486243.88	3675135.77	0.00000705	100414 Ethyl Benzene	2.97E-11 30YrCancerDerived	*	2.97E-11 INHALATION
1314 ALL	486264.72	3675135.77	0.00000684	100414 Ethyl Benzene	2.89E-11 30YrCancerDerived	*	2.89E-11 INHALATION
1315 ALL	486285.56	3675135.77	0.00000689	100414 Ethyl Benzene	2.91E-11 30YrCancerDerived	*	2.91E-11 INHALATION
1316 ALL	486306.4	3675135.77	0.00000722	100414 Ethyl Benzene	3.05E-11 30YrCancerDerived	*	3.05E-11 INHALATION
1317 ALL	486327.24	3675135.77	0.00000711	100414 Ethyl Benzene	3.00E-11 30YrCancerDerived	*	3.00E-11 INHALATION
1318 ALL	486348.08	3675135.77	0.00000647	100414 Ethyl Benzene	2.73E-11 30YrCancerDerived	*	2.73E-11 INHALATION
1319 ALL	486368.92	3675135.77	0.00000604	100414 Ethyl Benzene	2.55E-11 30YrCancerDerived	*	2.55E-11 INHALATION
1320 ALL	486389.76	3675135.77	0.00000589	100414 Ethyl Benzene	2.49E-11 30YrCancerDerived	*	2.49E-11 INHALATION
1321 ALL	486410.6	3675135.77	0.00000598	100414 Ethyl Benzene	2.53E-11 30YrCancerDerived	*	2.53E-11 INHALATION
1322 ALL	486431.44	3675135.77	0.00000643	100414 Ethyl Benzene	2.72E-11 30YrCancerDerived	*	2.72E-11 INHALATION
1323 ALL	486452.28	3675135.77	0.00000705	100414 Ethyl Benzene	2.98E-11 30YrCancerDerived	*	2.98E-11 INHALATION
1324 ALL	486473.12	3675135.77	0.00000835	100414 Ethyl Benzene	3.52E-11 30YrCancerDerived	*	3.52E-11 INHALATION

1325	ALL	486493.96	3675135.77	0.00000979	100414	Ethyl Benzene	4.14E-11	30YrCancerDerived	*	4.14E-11	INHALATION
1326	ALL	486514.8	3675135.77	0.0000123	100414	Ethyl Benzene	5.20E-11	30YrCancerDerived	*	5.20E-11	INHALATION
1327	ALL	486035.48	3675155.65	0.0000204	100414	Ethyl Benzene	8.60E-11	30YrCancerDerived	*	8.60E-11	INHALATION
1328	ALL	486056.32	3675155.65	0.0000153	100414	Ethyl Benzene	6.46E-11	30YrCancerDerived	*	6.46E-11	INHALATION
1329	ALL	486077.16	3675155.65	0.0000124	100414	Ethyl Benzene	5.25E-11	30YrCancerDerived	*	5.25E-11	INHALATION
1330	ALL	486098	3675155.65	0.00000971	100414	Ethyl Benzene	4.10E-11	30YrCancerDerived	*	4.10E-11	INHALATION
1331	ALL	486118.84	3675155.65	0.00000783	100414	Ethyl Benzene	3.31E-11	30YrCancerDerived	*	3.31E-11	INHALATION
1332	ALL	486139.68	3675155.65	0.0000068	100414	Ethyl Benzene	2.87E-11	30YrCancerDerived	*	2.87E-11	INHALATION
1333	ALL	486160.52	3675155.65	0.00000623	100414	Ethyl Benzene	2.63E-11	30YrCancerDerived	*	2.63E-11	INHALATION
1334	ALL	486181.36	3675155.65	0.00000596	100414	Ethyl Benzene	2.52E-11	30YrCancerDerived	*	2.52E-11	INHALATION
1335	ALL	486202.2	3675155.65	0.00000581	100414	Ethyl Benzene	2.45E-11	30YrCancerDerived	*	2.45E-11	INHALATION
1336	ALL	486223.04	3675155.65	0.00000601	100414	Ethyl Benzene	2.54E-11	30YrCancerDerived	*	2.54E-11	INHALATION
1337	ALL	486243.88	3675155.65	0.00000621	100414	Ethyl Benzene	2.62E-11	30YrCancerDerived	*	2.62E-11	INHALATION
1338	ALL	486264.72	3675155.65	0.00000592	100414	Ethyl Benzene	2.50E-11	30YrCancerDerived	*	2.50E-11	INHALATION
1339	ALL	486285.56	3675155.65	0.00000592	100414	Ethyl Benzene	2.50E-11	30YrCancerDerived	*	2.50E-11	INHALATION
1340	ALL	486306.4	3675155.65	0.0000063	100414	Ethyl Benzene	2.66E-11	30YrCancerDerived	*	2.66E-11	INHALATION
1341	ALL	486327.24	3675155.65	0.00000642	100414	Ethyl Benzene	2.71E-11	30YrCancerDerived	*	2.71E-11	INHALATION
1342	ALL	486348.08	3675155.65	0.00000599	100414	Ethyl Benzene	2.53E-11	30YrCancerDerived	*	2.53E-11	INHALATION
1343	ALL	486368.92	3675155.65	0.00000573	100414	Ethyl Benzene	2.42E-11	30YrCancerDerived	*	2.42E-11	INHALATION
1344	ALL	486389.76	3675155.65	0.00000563	100414	Ethyl Benzene	2.38E-11	30YrCancerDerived	*	2.38E-11	INHALATION
1345	ALL	486410.6	3675155.65	0.00000592	100414	Ethyl Benzene	2.50E-11	30YrCancerDerived	*	2.50E-11	INHALATION
1346	ALL	486431.44	3675155.65	0.00000658	100414	Ethyl Benzene	2.78E-11	30YrCancerDerived	*	2.78E-11	INHALATION
1347	ALL	486452.28	3675155.65	0.00000753	100414	Ethyl Benzene	3.18E-11	30YrCancerDerived	*	3.18E-11	INHALATION
1348	ALL	486473.12	3675155.65	0.00000887	100414	Ethyl Benzene	3.74E-11	30YrCancerDerived	*	3.74E-11	INHALATION
1349	ALL	486493.96	3675155.65	0.0000101	100414	Ethyl Benzene	4.28E-11	30YrCancerDerived	*	4.28E-11	INHALATION
1350	ALL	486514.8	3675155.65	0.0000135	100414	Ethyl Benzene	5.68E-11	30YrCancerDerived	*	5.68E-11	INHALATION
1351	ALL	486077.16	3675175.53	0.0000137	100414	Ethyl Benzene	5.79E-11	30YrCancerDerived	*	5.79E-11	INHALATION
1352	ALL	486098	3675175.53	0.0000106	100414	Ethyl Benzene	4.49E-11	30YrCancerDerived	*	4.49E-11	INHALATION
1353	ALL	486118.84	3675175.53	0.00000858	100414	Ethyl Benzene	3.62E-11	30YrCancerDerived	*	3.62E-11	INHALATION
1354	ALL	486139.68	3675175.53	0.00000749	100414	Ethyl Benzene	3.16E-11	30YrCancerDerived	*	3.16E-11	INHALATION
1355	ALL	486160.52	3675175.53	0.00000632	100414	Ethyl Benzene	2.67E-11	30YrCancerDerived	*	2.67E-11	INHALATION
1356	ALL	486181.36	3675175.53	0.00000596	100414	Ethyl Benzene	2.52E-11	30YrCancerDerived	*	2.52E-11	INHALATION
1357	ALL	486202.2	3675175.53	0.00000562	100414	Ethyl Benzene	2.37E-11	30YrCancerDerived	*	2.37E-11	INHALATION
1358	ALL	486223.04	3675175.53	0.00000562	100414	Ethyl Benzene	2.37E-11	30YrCancerDerived	*	2.37E-11	INHALATION
1359	ALL	486243.88	3675175.53	0.00000563	100414	Ethyl Benzene	2.38E-11	30YrCancerDerived	*	2.38E-11	INHALATION

1360 ALL	486264.72	3675175.53	0.00000545	100414 Ethyl Benzene	2.30E-11 30YrCancerDerived	*	2.30E-11 INHALATION
1361 ALL	486285.56	3675175.53	0.00000553	100414 Ethyl Benzene	2.33E-11 30YrCancerDerived	*	2.33E-11 INHALATION
1362 ALL	486306.4	3675175.53	0.00000585	100414 Ethyl Benzene	2.47E-11 30YrCancerDerived	*	2.47E-11 INHALATION
1363 ALL	486327.24	3675175.53	0.0000006	100414 Ethyl Benzene	2.53E-11 30YrCancerDerived	*	2.53E-11 INHALATION
1364 ALL	486348.08	3675175.53	0.00000586	100414 Ethyl Benzene	2.47E-11 30YrCancerDerived	*	2.47E-11 INHALATION
1365 ALL	486368.92	3675175.53	0.00000582	100414 Ethyl Benzene	2.46E-11 30YrCancerDerived	*	2.46E-11 INHALATION
1366 ALL	486389.76	3675175.53	0.00000594	100414 Ethyl Benzene	2.51E-11 30YrCancerDerived	*	2.51E-11 INHALATION
1367 ALL	486410.6	3675175.53	0.00000064	100414 Ethyl Benzene	2.70E-11 30YrCancerDerived	*	2.70E-11 INHALATION
1368 ALL	486431.44	3675175.53	0.00000726	100414 Ethyl Benzene	3.06E-11 30YrCancerDerived	*	3.06E-11 INHALATION
1369 ALL	486452.28	3675175.53	0.00000836	100414 Ethyl Benzene	3.53E-11 30YrCancerDerived	*	3.53E-11 INHALATION
1370 ALL	486473.12	3675175.53	0.00000985	100414 Ethyl Benzene	4.16E-11 30YrCancerDerived	*	4.16E-11 INHALATION
1371 ALL	486493.96	3675175.53	0.0000116	100414 Ethyl Benzene	4.91E-11 30YrCancerDerived	*	4.91E-11 INHALATION
1372 ALL	486514.8	3675175.53	0.0000152	100414 Ethyl Benzene	6.43E-11 30YrCancerDerived	*	6.43E-11 INHALATION
1373 ALL	486098	3675195.41	0.0000104	100414 Ethyl Benzene	4.38E-11 30YrCancerDerived	*	4.38E-11 INHALATION
1374 ALL	486118.84	3675195.41	0.00000853	100414 Ethyl Benzene	3.60E-11 30YrCancerDerived	*	3.60E-11 INHALATION
1375 ALL	486139.68	3675195.41	0.00000725	100414 Ethyl Benzene	3.06E-11 30YrCancerDerived	*	3.06E-11 INHALATION
1376 ALL	486160.52	3675195.41	0.00000632	100414 Ethyl Benzene	2.67E-11 30YrCancerDerived	*	2.67E-11 INHALATION
1377 ALL	486181.36	3675195.41	0.00000059	100414 Ethyl Benzene	2.49E-11 30YrCancerDerived	*	2.49E-11 INHALATION
1378 ALL	486202.2	3675195.41	0.00000557	100414 Ethyl Benzene	2.35E-11 30YrCancerDerived	*	2.35E-11 INHALATION
1379 ALL	486223.04	3675195.41	0.00000524	100414 Ethyl Benzene	2.21E-11 30YrCancerDerived	*	2.21E-11 INHALATION
1380 ALL	486243.88	3675195.41	0.00000516	100414 Ethyl Benzene	2.18E-11 30YrCancerDerived	*	2.18E-11 INHALATION
1381 ALL	486264.72	3675195.41	0.00000052	100414 Ethyl Benzene	2.20E-11 30YrCancerDerived	*	2.20E-11 INHALATION
1382 ALL	486285.56	3675195.41	0.00000545	100414 Ethyl Benzene	2.30E-11 30YrCancerDerived	*	2.30E-11 INHALATION
1383 ALL	486306.4	3675195.41	0.00000572	100414 Ethyl Benzene	2.41E-11 30YrCancerDerived	*	2.41E-11 INHALATION
1384 ALL	486327.24	3675195.41	0.00000589	100414 Ethyl Benzene	2.49E-11 30YrCancerDerived	*	2.49E-11 INHALATION
1385 ALL	486348.08	3675195.41	0.00000596	100414 Ethyl Benzene	2.52E-11 30YrCancerDerived	*	2.52E-11 INHALATION
1386 ALL	486368.92	3675195.41	0.00000061	100414 Ethyl Benzene	2.58E-11 30YrCancerDerived	*	2.58E-11 INHALATION
1387 ALL	486389.76	3675195.41	0.00000639	100414 Ethyl Benzene	2.70E-11 30YrCancerDerived	*	2.70E-11 INHALATION
1388 ALL	486410.6	3675195.41	0.00000071	100414 Ethyl Benzene	3.00E-11 30YrCancerDerived	*	3.00E-11 INHALATION
1389 ALL	486431.44	3675195.41	0.00000812	100414 Ethyl Benzene	3.43E-11 30YrCancerDerived	*	3.43E-11 INHALATION
1390 ALL	486452.28	3675195.41	0.00000978	100414 Ethyl Benzene	4.13E-11 30YrCancerDerived	*	4.13E-11 INHALATION
1391 ALL	486473.12	3675195.41	0.0000117	100414 Ethyl Benzene	4.94E-11 30YrCancerDerived	*	4.94E-11 INHALATION
1392 ALL	486493.96	3675195.41	0.0000149	100414 Ethyl Benzene	6.29E-11 30YrCancerDerived	*	6.29E-11 INHALATION
1393 ALL	486514.8	3675195.41	0.0000205	100414 Ethyl Benzene	8.64E-11 30YrCancerDerived	*	8.64E-11 INHALATION
1394 ALL	486098	3675215.29	0.0000105	100414 Ethyl Benzene	4.44E-11 30YrCancerDerived	*	4.44E-11 INHALATION

1395 ALL	486118.84	3675215.29	0.00000817	100414 Ethyl Benzene	3.45E-11 30YrCancerDerived	*	3.45E-11 INHALATION
1396 ALL	486139.68	3675215.29	0.00000651	100414 Ethyl Benzene	2.75E-11 30YrCancerDerived	*	2.75E-11 INHALATION
1397 ALL	486160.52	3675215.29	0.00000588	100414 Ethyl Benzene	2.48E-11 30YrCancerDerived	*	2.48E-11 INHALATION
1398 ALL	486181.36	3675215.29	0.00000566	100414 Ethyl Benzene	2.39E-11 30YrCancerDerived	*	2.39E-11 INHALATION
1399 ALL	486202.2	3675215.29	0.00000543	100414 Ethyl Benzene	2.29E-11 30YrCancerDerived	*	2.29E-11 INHALATION
1400 ALL	486223.04	3675215.29	0.00000518	100414 Ethyl Benzene	2.19E-11 30YrCancerDerived	*	2.19E-11 INHALATION
1401 ALL	486243.88	3675215.29	0.00000522	100414 Ethyl Benzene	2.20E-11 30YrCancerDerived	*	2.20E-11 INHALATION
1402 ALL	486264.72	3675215.29	0.00000535	100414 Ethyl Benzene	2.26E-11 30YrCancerDerived	*	2.26E-11 INHALATION
1403 ALL	486285.56	3675215.29	0.00000561	100414 Ethyl Benzene	2.37E-11 30YrCancerDerived	*	2.37E-11 INHALATION
1404 ALL	486306.4	3675215.29	0.00000591	100414 Ethyl Benzene	2.50E-11 30YrCancerDerived	*	2.50E-11 INHALATION
1405 ALL	486327.24	3675215.29	0.00000621	100414 Ethyl Benzene	2.62E-11 30YrCancerDerived	*	2.62E-11 INHALATION
1406 ALL	486348.08	3675215.29	0.00000641	100414 Ethyl Benzene	2.71E-11 30YrCancerDerived	*	2.71E-11 INHALATION
1407 ALL	486368.92	3675215.29	0.00000671	100414 Ethyl Benzene	2.83E-11 30YrCancerDerived	*	2.83E-11 INHALATION
1408 ALL	486389.76	3675215.29	0.00000724	100414 Ethyl Benzene	3.05E-11 30YrCancerDerived	*	3.05E-11 INHALATION
1409 ALL	486410.6	3675215.29	0.00000823	100414 Ethyl Benzene	3.48E-11 30YrCancerDerived	*	3.48E-11 INHALATION
1410 ALL	486431.44	3675215.29	0.00000998	100414 Ethyl Benzene	4.21E-11 30YrCancerDerived	*	4.21E-11 INHALATION
1411 ALL	486452.28	3675215.29	0.0000118	100414 Ethyl Benzene	4.98E-11 30YrCancerDerived	*	4.98E-11 INHALATION
1412 ALL	486473.12	3675215.29	0.0000144	100414 Ethyl Benzene	6.08E-11 30YrCancerDerived	*	6.08E-11 INHALATION
1413 ALL	486493.96	3675215.29	0.0000196	100414 Ethyl Benzene	8.26E-11 30YrCancerDerived	*	8.26E-11 INHALATION
1414 ALL	486514.8	3675215.29	0.0000275	100414 Ethyl Benzene	1.16E-10 30YrCancerDerived	*	1.16E-10 INHALATION
1415 ALL	486118.84	3675235.17	0.00000814	100414 Ethyl Benzene	3.44E-11 30YrCancerDerived	*	3.44E-11 INHALATION
1416 ALL	486139.68	3675235.17	0.00000685	100414 Ethyl Benzene	2.89E-11 30YrCancerDerived	*	2.89E-11 INHALATION
1417 ALL	486160.52	3675235.17	0.00000602	100414 Ethyl Benzene	2.54E-11 30YrCancerDerived	*	2.54E-11 INHALATION
1418 ALL	486181.36	3675235.17	0.00000558	100414 Ethyl Benzene	2.36E-11 30YrCancerDerived	*	2.36E-11 INHALATION
1419 ALL	486202.2	3675235.17	0.00000535	100414 Ethyl Benzene	2.26E-11 30YrCancerDerived	*	2.26E-11 INHALATION
1420 ALL	486223.04	3675235.17	0.00000537	100414 Ethyl Benzene	2.27E-11 30YrCancerDerived	*	2.27E-11 INHALATION
1421 ALL	486243.88	3675235.17	0.00000559	100414 Ethyl Benzene	2.36E-11 30YrCancerDerived	*	2.36E-11 INHALATION
1422 ALL	486264.72	3675235.17	0.00000573	100414 Ethyl Benzene	2.42E-11 30YrCancerDerived	*	2.42E-11 INHALATION
1423 ALL	486285.56	3675235.17	0.0000059	100414 Ethyl Benzene	2.49E-11 30YrCancerDerived	*	2.49E-11 INHALATION
1424 ALL	486306.4	3675235.17	0.00000632	100414 Ethyl Benzene	2.67E-11 30YrCancerDerived	*	2.67E-11 INHALATION
1425 ALL	486327.24	3675235.17	0.00000688	100414 Ethyl Benzene	2.90E-11 30YrCancerDerived	*	2.90E-11 INHALATION
1426 ALL	486348.08	3675235.17	0.00000731	100414 Ethyl Benzene	3.09E-11 30YrCancerDerived	*	3.09E-11 INHALATION
1427 ALL	486368.92	3675235.17	0.00000779	100414 Ethyl Benzene	3.29E-11 30YrCancerDerived	*	3.29E-11 INHALATION
1428 ALL	486389.76	3675235.17	0.00000886	100414 Ethyl Benzene	3.74E-11 30YrCancerDerived	*	3.74E-11 INHALATION
1429 ALL	486410.6	3675235.17	0.0000106	100414 Ethyl Benzene	4.47E-11 30YrCancerDerived	*	4.47E-11 INHALATION

1430	ALL	486431.44	3675235.17	0.0000127	100414	Ethyl Benzene	5.36E-11	30YrCancerDerived	*	5.36E-11	INHALATION
1431	ALL	486452.28	3675235.17	0.0000155	100414	Ethyl Benzene	6.52E-11	30YrCancerDerived	*	6.52E-11	INHALATION
1432	ALL	486473.12	3675235.17	0.0000202	100414	Ethyl Benzene	8.52E-11	30YrCancerDerived	*	8.52E-11	INHALATION
1433	ALL	486493.96	3675235.17	0.0000252	100414	Ethyl Benzene	1.07E-10	30YrCancerDerived	*	1.07E-10	INHALATION
1434	ALL	486514.8	3675235.17	0.0000298	100414	Ethyl Benzene	1.26E-10	30YrCancerDerived	*	1.26E-10	INHALATION
1435	ALL	486139.68	3675255.05	0.00000755	100414	Ethyl Benzene	3.19E-11	30YrCancerDerived	*	3.19E-11	INHALATION
1436	ALL	486160.52	3675255.05	0.00000678	100414	Ethyl Benzene	2.86E-11	30YrCancerDerived	*	2.86E-11	INHALATION
1437	ALL	486181.36	3675255.05	0.00000618	100414	Ethyl Benzene	2.61E-11	30YrCancerDerived	*	2.61E-11	INHALATION
1438	ALL	486202.2	3675255.05	0.00000572	100414	Ethyl Benzene	2.42E-11	30YrCancerDerived	*	2.42E-11	INHALATION
1439	ALL	486223.04	3675255.05	0.00000583	100414	Ethyl Benzene	2.46E-11	30YrCancerDerived	*	2.46E-11	INHALATION
1440	ALL	486243.88	3675255.05	0.00000612	100414	Ethyl Benzene	2.59E-11	30YrCancerDerived	*	2.59E-11	INHALATION
1441	ALL	486264.72	3675255.05	0.00000632	100414	Ethyl Benzene	2.67E-11	30YrCancerDerived	*	2.67E-11	INHALATION
1442	ALL	486285.56	3675255.05	0.00000653	100414	Ethyl Benzene	2.76E-11	30YrCancerDerived	*	2.76E-11	INHALATION
1443	ALL	486306.4	3675255.05	0.00000703	100414	Ethyl Benzene	2.97E-11	30YrCancerDerived	*	2.97E-11	INHALATION
1444	ALL	486327.24	3675255.05	0.00000761	100414	Ethyl Benzene	3.21E-11	30YrCancerDerived	*	3.21E-11	INHALATION
1445	ALL	486348.08	3675255.05	0.00000826	100414	Ethyl Benzene	3.49E-11	30YrCancerDerived	*	3.49E-11	INHALATION
1446	ALL	486368.92	3675255.05	0.00000929	100414	Ethyl Benzene	3.92E-11	30YrCancerDerived	*	3.92E-11	INHALATION
1447	ALL	486389.76	3675255.05	0.0000104	100414	Ethyl Benzene	4.38E-11	30YrCancerDerived	*	4.38E-11	INHALATION
1448	ALL	486410.6	3675255.05	0.0000115	100414	Ethyl Benzene	4.87E-11	30YrCancerDerived	*	4.87E-11	INHALATION
1449	ALL	486431.44	3675255.05	0.0000134	100414	Ethyl Benzene	5.68E-11	30YrCancerDerived	*	5.68E-11	INHALATION
1450	ALL	486452.28	3675255.05	0.0000156	100414	Ethyl Benzene	6.57E-11	30YrCancerDerived	*	6.57E-11	INHALATION
1451	ALL	486473.12	3675255.05	0.0000176	100414	Ethyl Benzene	7.44E-11	30YrCancerDerived	*	7.44E-11	INHALATION
1452	ALL	486493.96	3675255.05	0.0000196	100414	Ethyl Benzene	8.26E-11	30YrCancerDerived	*	8.26E-11	INHALATION
1453	ALL	486514.8	3675255.05	0.0000198	100414	Ethyl Benzene	8.35E-11	30YrCancerDerived	*	8.35E-11	INHALATION
1454	ALL	486535.64	3675255.05	0.00002	100414	Ethyl Benzene	8.46E-11	30YrCancerDerived	*	8.46E-11	INHALATION
1455	ALL	486264.72	3675274.93	0.0000072	100414	Ethyl Benzene	3.04E-11	30YrCancerDerived	*	3.04E-11	INHALATION
1456	ALL	486285.56	3675274.93	0.00000739	100414	Ethyl Benzene	3.12E-11	30YrCancerDerived	*	3.12E-11	INHALATION
1457	ALL	486306.4	3675274.93	0.00000749	100414	Ethyl Benzene	3.16E-11	30YrCancerDerived	*	3.16E-11	INHALATION
1458	ALL	486327.24	3675274.93	0.00000804	100414	Ethyl Benzene	3.40E-11	30YrCancerDerived	*	3.40E-11	INHALATION
1459	ALL	486348.08	3675274.93	0.00000867	100414	Ethyl Benzene	3.66E-11	30YrCancerDerived	*	3.66E-11	INHALATION
1460	ALL	486368.92	3675274.93	0.00000922	100414	Ethyl Benzene	3.89E-11	30YrCancerDerived	*	3.89E-11	INHALATION
1461	ALL	486389.76	3675274.93	0.00000952	100414	Ethyl Benzene	4.02E-11	30YrCancerDerived	*	4.02E-11	INHALATION
1462	ALL	486410.6	3675274.93	0.0000098	100414	Ethyl Benzene	4.14E-11	30YrCancerDerived	*	4.14E-11	INHALATION
1463	ALL	486431.44	3675274.93	0.0000107	100414	Ethyl Benzene	4.52E-11	30YrCancerDerived	*	4.52E-11	INHALATION
1464	ALL	486452.28	3675274.93	0.0000123	100414	Ethyl Benzene	5.18E-11	30YrCancerDerived	*	5.18E-11	INHALATION

1465 ALL	486473.12	3675274.93	0.0000135	100414 Ethyl Benzene	5.70E-11 30YrCancerDerived	*	5.70E-11 INHALATION
1466 ALL	486493.96	3675274.93	0.0000142	100414 Ethyl Benzene	6.00E-11 30YrCancerDerived	*	6.00E-11 INHALATION
1467 ALL	486514.8	3675274.93	0.0000144	100414 Ethyl Benzene	6.10E-11 30YrCancerDerived	*	6.10E-11 INHALATION
1468 ALL	486535.64	3675274.93	0.000015	100414 Ethyl Benzene	6.32E-11 30YrCancerDerived	*	6.32E-11 INHALATION
1469 ALL	486556.48	3675274.93	0.0000162	100414 Ethyl Benzene	6.83E-11 30YrCancerDerived	*	6.83E-11 INHALATION
1470 ALL	486306.4	3675294.81	0.00000765	100414 Ethyl Benzene	3.23E-11 30YrCancerDerived	*	3.23E-11 INHALATION
1471 ALL	486327.24	3675294.81	0.00000795	100414 Ethyl Benzene	3.36E-11 30YrCancerDerived	*	3.36E-11 INHALATION
1472 ALL	486348.08	3675294.81	0.00000839	100414 Ethyl Benzene	3.54E-11 30YrCancerDerived	*	3.54E-11 INHALATION
1473 ALL	486368.92	3675294.81	0.00000868	100414 Ethyl Benzene	3.67E-11 30YrCancerDerived	*	3.67E-11 INHALATION
1474 ALL	486389.76	3675294.81	0.00000864	100414 Ethyl Benzene	3.65E-11 30YrCancerDerived	*	3.65E-11 INHALATION
1475 ALL	486410.6	3675294.81	0.0000085	100414 Ethyl Benzene	3.59E-11 30YrCancerDerived	*	3.59E-11 INHALATION
1476 ALL	486431.44	3675294.81	0.00000878	100414 Ethyl Benzene	3.71E-11 30YrCancerDerived	*	3.71E-11 INHALATION
1477 ALL	486452.28	3675294.81	0.00000973	100414 Ethyl Benzene	4.11E-11 30YrCancerDerived	*	4.11E-11 INHALATION
1478 ALL	486473.12	3675294.81	0.0000105	100414 Ethyl Benzene	4.45E-11 30YrCancerDerived	*	4.45E-11 INHALATION
1479 ALL	486493.96	3675294.81	0.0000107	100414 Ethyl Benzene	4.50E-11 30YrCancerDerived	*	4.50E-11 INHALATION
1480 ALL	486514.8	3675294.81	0.0000108	100414 Ethyl Benzene	4.56E-11 30YrCancerDerived	*	4.56E-11 INHALATION
1481 ALL	486535.64	3675294.81	0.000011	100414 Ethyl Benzene	4.66E-11 30YrCancerDerived	*	4.66E-11 INHALATION
1482 ALL	486556.48	3675294.81	0.0000117	100414 Ethyl Benzene	4.94E-11 30YrCancerDerived	*	4.94E-11 INHALATION
1483 ALL	486327.24	3675314.69	0.00000756	100414 Ethyl Benzene	3.19E-11 30YrCancerDerived	*	3.19E-11 INHALATION
1484 ALL	486348.08	3675314.69	0.00000794	100414 Ethyl Benzene	3.35E-11 30YrCancerDerived	*	3.35E-11 INHALATION
1485 ALL	486368.92	3675314.69	0.0000081	100414 Ethyl Benzene	3.42E-11 30YrCancerDerived	*	3.42E-11 INHALATION
1486 ALL	486389.76	3675314.69	0.00000775	100414 Ethyl Benzene	3.27E-11 30YrCancerDerived	*	3.27E-11 INHALATION
1487 ALL	486410.6	3675314.69	0.00000729	100414 Ethyl Benzene	3.08E-11 30YrCancerDerived	*	3.08E-11 INHALATION
1488 ALL	486431.44	3675314.69	0.00000753	100414 Ethyl Benzene	3.18E-11 30YrCancerDerived	*	3.18E-11 INHALATION
1489 ALL	486452.28	3675314.69	0.00000833	100414 Ethyl Benzene	3.52E-11 30YrCancerDerived	*	3.52E-11 INHALATION
1490 ALL	486473.12	3675314.69	0.00000888	100414 Ethyl Benzene	3.75E-11 30YrCancerDerived	*	3.75E-11 INHALATION
1491 ALL	486493.96	3675314.69	0.00000893	100414 Ethyl Benzene	3.77E-11 30YrCancerDerived	*	3.77E-11 INHALATION
1492 ALL	486514.8	3675314.69	0.00000901	100414 Ethyl Benzene	3.80E-11 30YrCancerDerived	*	3.80E-11 INHALATION
1493 ALL	486535.64	3675314.69	0.00000928	100414 Ethyl Benzene	3.92E-11 30YrCancerDerived	*	3.92E-11 INHALATION
1494 ALL	486556.48	3675314.69	0.00000974	100414 Ethyl Benzene	4.11E-11 30YrCancerDerived	*	4.11E-11 INHALATION
1495 ALL	486348.08	3675334.57	0.00000763	100414 Ethyl Benzene	3.22E-11 30YrCancerDerived	*	3.22E-11 INHALATION
1496 ALL	486368.92	3675334.57	0.00000765	100414 Ethyl Benzene	3.23E-11 30YrCancerDerived	*	3.23E-11 INHALATION
1497 ALL	486389.76	3675334.57	0.00000739	100414 Ethyl Benzene	3.12E-11 30YrCancerDerived	*	3.12E-11 INHALATION
1498 ALL	486410.6	3675334.57	0.00000699	100414 Ethyl Benzene	2.95E-11 30YrCancerDerived	*	2.95E-11 INHALATION
1499 ALL	486431.44	3675334.57	0.00000709	100414 Ethyl Benzene	3.00E-11 30YrCancerDerived	*	3.00E-11 INHALATION

1500 ALL	486452.28	3675334.57	0.00000749	100414 Ethyl Benzene	3.16E-11 30YrCancerDerived	*	3.16E-11 INHALATION
1501 ALL	486473.12	3675334.57	0.00000744	100414 Ethyl Benzene	3.14E-11 30YrCancerDerived	*	3.14E-11 INHALATION
1502 ALL	486493.96	3675334.57	0.00000763	100414 Ethyl Benzene	3.22E-11 30YrCancerDerived	*	3.22E-11 INHALATION
1503 ALL	486514.8	3675334.57	0.00000789	100414 Ethyl Benzene	3.33E-11 30YrCancerDerived	*	3.33E-11 INHALATION
1504 ALL	486535.64	3675334.57	0.00000841	100414 Ethyl Benzene	3.55E-11 30YrCancerDerived	*	3.55E-11 INHALATION
1505 ALL	486368.92	3675354.45	0.00000769	100414 Ethyl Benzene	3.25E-11 30YrCancerDerived	*	3.25E-11 INHALATION
1506 ALL	486389.76	3675354.45	0.00000747	100414 Ethyl Benzene	3.15E-11 30YrCancerDerived	*	3.15E-11 INHALATION
1507 ALL	486410.6	3675354.45	0.00000752	100414 Ethyl Benzene	3.18E-11 30YrCancerDerived	*	3.18E-11 INHALATION
1508 ALL	486431.44	3675354.45	0.00000739	100414 Ethyl Benzene	3.12E-11 30YrCancerDerived	*	3.12E-11 INHALATION
1509 ALL	486452.28	3675354.45	0.0000072	100414 Ethyl Benzene	3.04E-11 30YrCancerDerived	*	3.04E-11 INHALATION
1510 ALL	486473.12	3675354.45	0.00000718	100414 Ethyl Benzene	3.03E-11 30YrCancerDerived	*	3.03E-11 INHALATION
1511 ALL	486493.96	3675354.45	0.00000736	100414 Ethyl Benzene	3.11E-11 30YrCancerDerived	*	3.11E-11 INHALATION
1512 ALL	486514.8	3675354.45	0.0000079	100414 Ethyl Benzene	3.33E-11 30YrCancerDerived	*	3.33E-11 INHALATION
1513 ALL	486431.44	3675374.33	0.0000078	100414 Ethyl Benzene	3.29E-11 30YrCancerDerived	*	3.29E-11 INHALATION
1514 ALL	486452.28	3675374.33	0.00000754	100414 Ethyl Benzene	3.19E-11 30YrCancerDerived	*	3.19E-11 INHALATION
1515 ALL	486473.12	3675374.33	0.00000749	100414 Ethyl Benzene	3.16E-11 30YrCancerDerived	*	3.16E-11 INHALATION
1516 ALL	487872.39	3673252.61	0.001638357	100414 Ethyl Benzene	6.92E-09 30YrCancerDerived	*	6.92E-09 INHALATION
1517 ALL	487892.39	3673252.61	0.00309208	100414 Ethyl Benzene	1.31E-08 30YrCancerDerived	*	1.31E-08 INHALATION
1518 ALL	487912.39	3673252.61	0.004280068	100414 Ethyl Benzene	1.81E-08 30YrCancerDerived	*	1.81E-08 INHALATION
1519 ALL	487932.39	3673252.61	0.0060945	100414 Ethyl Benzene	2.57E-08 30YrCancerDerived	*	2.57E-08 INHALATION
1521 ALL	487852.39	3673272.61	0.001301566	100414 Ethyl Benzene	5.50E-09 30YrCancerDerived	*	5.50E-09 INHALATION
1522 ALL	487872.39	3673272.61	0.001983701	100414 Ethyl Benzene	8.38E-09 30YrCancerDerived	*	8.38E-09 INHALATION
1523 ALL	487892.39	3673272.61	0.003274343	100414 Ethyl Benzene	1.38E-08 30YrCancerDerived	*	1.38E-08 INHALATION
1524 ALL	487912.39	3673272.61	0.004126647	100414 Ethyl Benzene	1.74E-08 30YrCancerDerived	*	1.74E-08 INHALATION
1525 ALL	487932.39	3673272.61	0.00531912	100414 Ethyl Benzene	2.25E-08 30YrCancerDerived	*	2.25E-08 INHALATION
1528 ALL	487832.39	3673292.61	0.00084554	100414 Ethyl Benzene	3.57E-09 30YrCancerDerived	*	3.57E-09 INHALATION
1529 ALL	487852.39	3673292.61	0.001189066	100414 Ethyl Benzene	5.02E-09 30YrCancerDerived	*	5.02E-09 INHALATION
1530 ALL	487872.39	3673292.61	0.001674568	100414 Ethyl Benzene	7.07E-09 30YrCancerDerived	*	7.07E-09 INHALATION
1531 ALL	487892.39	3673292.61	0.002449705	100414 Ethyl Benzene	1.03E-08 30YrCancerDerived	*	1.03E-08 INHALATION
1532 ALL	487912.39	3673292.61	0.003364389	100414 Ethyl Benzene	1.42E-08 30YrCancerDerived	*	1.42E-08 INHALATION
1533 ALL	487932.39	3673292.61	0.004421948	100414 Ethyl Benzene	1.87E-08 30YrCancerDerived	*	1.87E-08 INHALATION
1538 ALL	487812.39	3673312.61	0.000434333	100414 Ethyl Benzene	1.83E-09 30YrCancerDerived	*	1.83E-09 INHALATION
1539 ALL	487832.39	3673312.61	0.000568326	100414 Ethyl Benzene	2.40E-09 30YrCancerDerived	*	2.40E-09 INHALATION
1540 ALL	487852.39	3673312.61	0.000875745	100414 Ethyl Benzene	3.70E-09 30YrCancerDerived	*	3.70E-09 INHALATION
1541 ALL	487872.39	3673312.61	0.001346723	100414 Ethyl Benzene	5.69E-09 30YrCancerDerived	*	5.69E-09 INHALATION

1542 ALL	487892.39	3673312.61	0.001953049	100414 Ethyl Benzene	8.25E-09	30YrCancerDerived	*	8.25E-09 INHALATION
1543 ALL	487912.39	3673312.61	0.002805011	100414 Ethyl Benzene	1.18E-08	30YrCancerDerived	*	1.18E-08 INHALATION
1544 ALL	487932.39	3673312.61	0.003712683	100414 Ethyl Benzene	1.57E-08	30YrCancerDerived	*	1.57E-08 INHALATION
1545 ALL	487952.39	3673312.61	0.004373212	100414 Ethyl Benzene	1.85E-08	30YrCancerDerived	*	1.85E-08 INHALATION
1549 ALL	487792.39	3673332.61	0.000215783	100414 Ethyl Benzene	9.11E-10	30YrCancerDerived	*	9.11E-10 INHALATION
1550 ALL	487812.39	3673332.61	0.000267656	100414 Ethyl Benzene	1.13E-09	30YrCancerDerived	*	1.13E-09 INHALATION
1551 ALL	487832.39	3673332.61	0.000388908	100414 Ethyl Benzene	1.64E-09	30YrCancerDerived	*	1.64E-09 INHALATION
1552 ALL	487852.39	3673332.61	0.000661621	100414 Ethyl Benzene	2.79E-09	30YrCancerDerived	*	2.79E-09 INHALATION
1553 ALL	487872.39	3673332.61	0.001151625	100414 Ethyl Benzene	4.86E-09	30YrCancerDerived	*	4.86E-09 INHALATION
1554 ALL	487892.39	3673332.61	0.00161883	100414 Ethyl Benzene	6.84E-09	30YrCancerDerived	*	6.84E-09 INHALATION
1555 ALL	487912.39	3673332.61	0.002307879	100414 Ethyl Benzene	9.74E-09	30YrCancerDerived	*	9.74E-09 INHALATION
1556 ALL	487932.39	3673332.61	0.002981905	100414 Ethyl Benzene	1.26E-08	30YrCancerDerived	*	1.26E-08 INHALATION
1557 ALL	487952.39	3673332.61	0.003366994	100414 Ethyl Benzene	1.42E-08	30YrCancerDerived	*	1.42E-08 INHALATION
1558 ALL	487972.39	3673332.61	0.003930525	100414 Ethyl Benzene	1.66E-08	30YrCancerDerived	*	1.66E-08 INHALATION
1561 ALL	487772.39	3673352.61	0.000138206	100414 Ethyl Benzene	5.84E-10	30YrCancerDerived	*	5.84E-10 INHALATION
1562 ALL	487792.39	3673352.61	0.000149124	100414 Ethyl Benzene	6.30E-10	30YrCancerDerived	*	6.30E-10 INHALATION
1563 ALL	487812.39	3673352.61	0.000200154	100414 Ethyl Benzene	8.45E-10	30YrCancerDerived	*	8.45E-10 INHALATION
1564 ALL	487832.39	3673352.61	0.000303242	100414 Ethyl Benzene	1.28E-09	30YrCancerDerived	*	1.28E-09 INHALATION
1565 ALL	487852.39	3673352.61	0.000509576	100414 Ethyl Benzene	2.15E-09	30YrCancerDerived	*	2.15E-09 INHALATION
1566 ALL	487872.39	3673352.61	0.000982206	100414 Ethyl Benzene	4.15E-09	30YrCancerDerived	*	4.15E-09 INHALATION
1567 ALL	487892.39	3673352.61	0.001393069	100414 Ethyl Benzene	5.88E-09	30YrCancerDerived	*	5.88E-09 INHALATION
1568 ALL	487912.39	3673352.61	0.001777479	100414 Ethyl Benzene	7.51E-09	30YrCancerDerived	*	7.51E-09 INHALATION
1569 ALL	487932.39	3673352.61	0.002250355	100414 Ethyl Benzene	9.50E-09	30YrCancerDerived	*	9.50E-09 INHALATION
1570 ALL	487952.39	3673352.61	0.002617288	100414 Ethyl Benzene	1.11E-08	30YrCancerDerived	*	1.11E-08 INHALATION
1571 ALL	487972.39	3673352.61	0.00302311	100414 Ethyl Benzene	1.28E-08	30YrCancerDerived	*	1.28E-08 INHALATION
1572 ALL	487992.39	3673352.61	0.003534188	100414 Ethyl Benzene	1.49E-08	30YrCancerDerived	*	1.49E-08 INHALATION
1573 ALL	488012.39	3673352.61	0.003807534	100414 Ethyl Benzene	1.61E-08	30YrCancerDerived	*	1.61E-08 INHALATION
1574 ALL	487724.34	3673332.79	0.00011783	100414 Ethyl Benzene	4.98E-10	30YrCancerDerived	*	4.98E-10 INHALATION
1575 ALL	487792.39	3673372.61	0.000130342	100414 Ethyl Benzene	5.50E-10	30YrCancerDerived	*	5.50E-10 INHALATION
1576 ALL	487812.39	3673372.61	0.000179182	100414 Ethyl Benzene	7.57E-10	30YrCancerDerived	*	7.57E-10 INHALATION
1577 ALL	487832.39	3673372.61	0.000271332	100414 Ethyl Benzene	1.15E-09	30YrCancerDerived	*	1.15E-09 INHALATION
1578 ALL	487852.39	3673372.61	0.000433136	100414 Ethyl Benzene	1.83E-09	30YrCancerDerived	*	1.83E-09 INHALATION
1579 ALL	487872.39	3673372.61	0.000787849	100414 Ethyl Benzene	3.33E-09	30YrCancerDerived	*	3.33E-09 INHALATION
1580 ALL	487892.39	3673372.61	0.001203825	100414 Ethyl Benzene	5.08E-09	30YrCancerDerived	*	5.08E-09 INHALATION
1581 ALL	487912.39	3673372.61	0.001462042	100414 Ethyl Benzene	6.17E-09	30YrCancerDerived	*	6.17E-09 INHALATION

1582 ALL	487932.39	3673372.61	0.001801151	100414 Ethyl Benzene	7.60E-09 30YrCancerDerived	*	7.60E-09 INHALATION
1583 ALL	487952.39	3673372.61	0.002083464	100414 Ethyl Benzene	8.80E-09 30YrCancerDerived	*	8.80E-09 INHALATION
1584 ALL	487972.39	3673372.61	0.002366433	100414 Ethyl Benzene	9.99E-09 30YrCancerDerived	*	9.99E-09 INHALATION
1585 ALL	487992.39	3673372.61	0.002486631	100414 Ethyl Benzene	1.05E-08 30YrCancerDerived	*	1.05E-08 INHALATION
1586 ALL	487724.34	3673352.79	0.000122635	100414 Ethyl Benzene	5.18E-10 30YrCancerDerived	*	5.18E-10 INHALATION
1587 ALL	487744.34	3673352.79	0.000135467	100414 Ethyl Benzene	5.72E-10 30YrCancerDerived	*	5.72E-10 INHALATION
1588 ALL	487812.39	3673392.61	0.000194366	100414 Ethyl Benzene	8.21E-10 30YrCancerDerived	*	8.21E-10 INHALATION
1589 ALL	487832.39	3673392.61	0.000259881	100414 Ethyl Benzene	1.10E-09 30YrCancerDerived	*	1.10E-09 INHALATION
1590 ALL	487852.39	3673392.61	0.000414694	100414 Ethyl Benzene	1.75E-09 30YrCancerDerived	*	1.75E-09 INHALATION
1591 ALL	487872.39	3673392.61	0.000708046	100414 Ethyl Benzene	2.99E-09 30YrCancerDerived	*	2.99E-09 INHALATION
1592 ALL	487892.39	3673392.61	0.001113757	100414 Ethyl Benzene	4.70E-09 30YrCancerDerived	*	4.70E-09 INHALATION
1593 ALL	487912.39	3673392.61	0.001402597	100414 Ethyl Benzene	5.92E-09 30YrCancerDerived	*	5.92E-09 INHALATION
1594 ALL	487932.39	3673392.61	0.001638141	100414 Ethyl Benzene	6.92E-09 30YrCancerDerived	*	6.92E-09 INHALATION
1595 ALL	487952.39	3673392.61	0.001789214	100414 Ethyl Benzene	7.55E-09 30YrCancerDerived	*	7.55E-09 INHALATION
1596 ALL	487972.39	3673392.61	0.001840092	100414 Ethyl Benzene	7.77E-09 30YrCancerDerived	*	7.77E-09 INHALATION
1597 ALL	487992.39	3673392.61	0.001606586	100414 Ethyl Benzene	6.78E-09 30YrCancerDerived	*	6.78E-09 INHALATION
1598 ALL	487724.34	3673372.79	0.000174684	100414 Ethyl Benzene	7.38E-10 30YrCancerDerived	*	7.38E-10 INHALATION
1599 ALL	487744.34	3673372.79	0.000172397	100414 Ethyl Benzene	7.28E-10 30YrCancerDerived	*	7.28E-10 INHALATION
1600 ALL	487852.39	3673412.61	0.000447878	100414 Ethyl Benzene	1.89E-09 30YrCancerDerived	*	1.89E-09 INHALATION
1601 ALL	487872.39	3673412.61	0.000773642	100414 Ethyl Benzene	3.27E-09 30YrCancerDerived	*	3.27E-09 INHALATION
1602 ALL	487892.39	3673412.61	0.001306585	100414 Ethyl Benzene	5.52E-09 30YrCancerDerived	*	5.52E-09 INHALATION
1603 ALL	487912.39	3673412.61	0.002208581	100414 Ethyl Benzene	9.33E-09 30YrCancerDerived	*	9.33E-09 INHALATION
1604 ALL	487932.39	3673412.61	0.001882293	100414 Ethyl Benzene	7.95E-09 30YrCancerDerived	*	7.95E-09 INHALATION
1605 ALL	487952.39	3673412.61	0.001697085	100414 Ethyl Benzene	7.17E-09 30YrCancerDerived	*	7.17E-09 INHALATION
1606 ALL	487972.39	3673412.61	0.001513452	100414 Ethyl Benzene	6.39E-09 30YrCancerDerived	*	6.39E-09 INHALATION
1607 ALL	487992.39	3673412.61	0.001278332	100414 Ethyl Benzene	5.40E-09 30YrCancerDerived	*	5.40E-09 INHALATION
1608 ALL	487724.34	3673392.79	0.000247586	100414 Ethyl Benzene	1.05E-09 30YrCancerDerived	*	1.05E-09 INHALATION
1609 ALL	487744.34	3673392.79	0.00021196	100414 Ethyl Benzene	8.95E-10 30YrCancerDerived	*	8.95E-10 INHALATION
1610 ALL	487872.39	3673432.61	0.001162458	100414 Ethyl Benzene	4.91E-09 30YrCancerDerived	*	4.91E-09 INHALATION
1611 ALL	487892.39	3673432.61	0.002321882	100414 Ethyl Benzene	9.80E-09 30YrCancerDerived	*	9.80E-09 INHALATION
1612 ALL	487912.39	3673432.61	0.005217274	100414 Ethyl Benzene	0.000000022 30YrCancerDerived	*	0.000000022 INHALATION
1613 ALL	487932.39	3673432.61	0.002680788	100414 Ethyl Benzene	1.13E-08 30YrCancerDerived	*	1.13E-08 INHALATION
1614 ALL	487952.39	3673432.61	0.001956202	100414 Ethyl Benzene	8.26E-09 30YrCancerDerived	*	8.26E-09 INHALATION
1615 ALL	487972.39	3673432.61	0.001615653	100414 Ethyl Benzene	6.82E-09 30YrCancerDerived	*	6.82E-09 INHALATION
1616 ALL	487724.34	3673412.79	0.000286775	100414 Ethyl Benzene	1.21E-09 30YrCancerDerived	*	1.21E-09 INHALATION

1617 ALL	487744.34	3673412.79	0.000254959	100414 Ethyl Benzene	1.08E-09	30YrCancerDerived	*	1.08E-09 INHALATION
1618 ALL	487912.39	3673452.61	0.007764362	100414 Ethyl Benzene	3.28E-08	30YrCancerDerived	*	3.28E-08 INHALATION
1619 ALL	487932.39	3673452.61	0.006176227	100414 Ethyl Benzene	2.61E-08	30YrCancerDerived	*	2.61E-08 INHALATION
1620 ALL	487952.39	3673452.61	0.004305784	100414 Ethyl Benzene	1.82E-08	30YrCancerDerived	*	1.82E-08 INHALATION
1621 ALL	487972.39	3673452.61	0.002096836	100414 Ethyl Benzene	8.85E-09	30YrCancerDerived	*	8.85E-09 INHALATION
1622 ALL	487724.34	3673432.79	0.000372642	100414 Ethyl Benzene	1.57E-09	30YrCancerDerived	*	1.57E-09 INHALATION
1623 ALL	487744.34	3673432.79	0.000296063	100414 Ethyl Benzene	1.25E-09	30YrCancerDerived	*	1.25E-09 INHALATION
1624 ALL	487932.39	3673472.61	0.008426603	100414 Ethyl Benzene	3.56E-08	30YrCancerDerived	*	3.56E-08 INHALATION
1625 ALL	487952.39	3673472.61	0.008039491	100414 Ethyl Benzene	3.39E-08	30YrCancerDerived	*	3.39E-08 INHALATION
1626 ALL	487724.34	3673452.79	0.000514019	100414 Ethyl Benzene	2.17E-09	30YrCancerDerived	*	2.17E-09 INHALATION
1627 ALL	487744.34	3673452.79	0.000368647	100414 Ethyl Benzene	1.56E-09	30YrCancerDerived	*	1.56E-09 INHALATION
1628 ALL	487724.34	3673472.79	0.000735796	100414 Ethyl Benzene	3.11E-09	30YrCancerDerived	*	3.11E-09 INHALATION
1629 ALL	487724.34	3673492.79	0.001349174	100414 Ethyl Benzene	5.70E-09	30YrCancerDerived	*	5.70E-09 INHALATION
1630 ALL	487744.36	3673445.97	0.000338696	100414 Ethyl Benzene	1.43E-09	30YrCancerDerived	*	1.43E-09 INHALATION
1631 ALL	487765.2	3673445.97	0.000319836	100414 Ethyl Benzene	1.35E-09	30YrCancerDerived	*	1.35E-09 INHALATION
1632 ALL	487786.04	3673445.97	0.000376283	100414 Ethyl Benzene	1.59E-09	30YrCancerDerived	*	1.59E-09 INHALATION
1633 ALL	487723.52	3673465.85	0.000662235	100414 Ethyl Benzene	2.80E-09	30YrCancerDerived	*	2.80E-09 INHALATION
1634 ALL	487744.36	3673465.85	0.000475304	100414 Ethyl Benzene	2.01E-09	30YrCancerDerived	*	2.01E-09 INHALATION
1635 ALL	487765.2	3673465.85	0.000472611	100414 Ethyl Benzene	0.000000002	30YrCancerDerived	*	0.000000002 INHALATION
1636 ALL	487786.04	3673465.85	0.000628659	100414 Ethyl Benzene	2.65E-09	30YrCancerDerived	*	2.65E-09 INHALATION
1637 ALL	487806.88	3673465.85	0.000872523	100414 Ethyl Benzene	3.68E-09	30YrCancerDerived	*	3.68E-09 INHALATION
1638 ALL	487723.52	3673485.73	0.001053881	100414 Ethyl Benzene	4.45E-09	30YrCancerDerived	*	4.45E-09 INHALATION
1639 ALL	487744.36	3673485.73	0.00073461	100414 Ethyl Benzene	3.10E-09	30YrCancerDerived	*	3.10E-09 INHALATION
1640 ALL	487765.2	3673485.73	0.000710314	100414 Ethyl Benzene	0.000000003	30YrCancerDerived	*	0.000000003 INHALATION
1641 ALL	487786.04	3673485.73	0.000941718	100414 Ethyl Benzene	3.98E-09	30YrCancerDerived	*	3.98E-09 INHALATION
1642 ALL	487806.88	3673485.73	0.00148305	100414 Ethyl Benzene	6.26E-09	30YrCancerDerived	*	6.26E-09 INHALATION
1643 ALL	487827.72	3673485.73	0.002603992	100414 Ethyl Benzene	0.000000011	30YrCancerDerived	*	0.000000011 INHALATION
1644 ALL	487848.56	3673485.73	0.004760312	100414 Ethyl Benzene	2.01E-08	30YrCancerDerived	*	2.01E-08 INHALATION
1645 ALL	487723.52	3673505.61	0.001824556	100414 Ethyl Benzene	7.70E-09	30YrCancerDerived	*	7.70E-09 INHALATION
1646 ALL	487744.36	3673505.61	0.001526825	100414 Ethyl Benzene	6.45E-09	30YrCancerDerived	*	6.45E-09 INHALATION
1647 ALL	487765.2	3673505.61	0.001151548	100414 Ethyl Benzene	4.86E-09	30YrCancerDerived	*	4.86E-09 INHALATION
1648 ALL	487786.04	3673505.61	0.001436254	100414 Ethyl Benzene	6.06E-09	30YrCancerDerived	*	6.06E-09 INHALATION
1649 ALL	487806.88	3673505.61	0.002126366	100414 Ethyl Benzene	8.98E-09	30YrCancerDerived	*	8.98E-09 INHALATION
1650 ALL	487827.72	3673505.61	0.00331619	100414 Ethyl Benzene	0.000000014	30YrCancerDerived	*	0.000000014 INHALATION
1651 ALL	487848.56	3673505.61	0.005330314	100414 Ethyl Benzene	2.25E-08	30YrCancerDerived	*	2.25E-08 INHALATION

1652 ALL	487869.4	3673505.61	0.006498901	100414 Ethyl Benzene	2.74E-08 30YrCancerDerived	*	2.74E-08 INHALATION
1653 ALL	487744.36	3673525.49	0.002013334	100414 Ethyl Benzene	8.50E-09 30YrCancerDerived	*	8.50E-09 INHALATION
1654 ALL	487765.2	3673525.49	0.00160241	100414 Ethyl Benzene	6.77E-09 30YrCancerDerived	*	6.77E-09 INHALATION
1655 ALL	487786.04	3673525.49	0.001493965	100414 Ethyl Benzene	6.31E-09 30YrCancerDerived	*	6.31E-09 INHALATION
1656 ALL	487806.88	3673525.49	0.001949115	100414 Ethyl Benzene	8.23E-09 30YrCancerDerived	*	8.23E-09 INHALATION
1657 ALL	487827.72	3673525.49	0.002657457	100414 Ethyl Benzene	1.12E-08 30YrCancerDerived	*	1.12E-08 INHALATION
1658 ALL	487848.56	3673525.49	0.003799369	100414 Ethyl Benzene	0.000000016 30YrCancerDerived	*	0.000000016 INHALATION
1659 ALL	487869.4	3673525.49	0.00556823	100414 Ethyl Benzene	2.35E-08 30YrCancerDerived	*	2.35E-08 INHALATION
1660 ALL	487890.24	3673525.49	0.006986739	100414 Ethyl Benzene	2.95E-08 30YrCancerDerived	*	2.95E-08 INHALATION
1661 ALL	487911.08	3673525.49	0.008079979	100414 Ethyl Benzene	3.41E-08 30YrCancerDerived	*	3.41E-08 INHALATION
1662 ALL	487744.36	3673545.37	0.00199907	100414 Ethyl Benzene	8.44E-09 30YrCancerDerived	*	8.44E-09 INHALATION
1663 ALL	487765.2	3673545.37	0.001707644	100414 Ethyl Benzene	7.21E-09 30YrCancerDerived	*	7.21E-09 INHALATION
1664 ALL	487786.04	3673545.37	0.00118934	100414 Ethyl Benzene	5.02E-09 30YrCancerDerived	*	5.02E-09 INHALATION
1665 ALL	487806.88	3673545.37	0.001227207	100414 Ethyl Benzene	5.18E-09 30YrCancerDerived	*	5.18E-09 INHALATION
1666 ALL	487827.72	3673545.37	0.001341901	100414 Ethyl Benzene	5.67E-09 30YrCancerDerived	*	5.67E-09 INHALATION
1667 ALL	487848.56	3673545.37	0.001746766	100414 Ethyl Benzene	7.38E-09 30YrCancerDerived	*	7.38E-09 INHALATION
1668 ALL	487869.4	3673545.37	0.003135006	100414 Ethyl Benzene	1.32E-08 30YrCancerDerived	*	1.32E-08 INHALATION
1669 ALL	487890.24	3673545.37	0.005834437	100414 Ethyl Benzene	2.46E-08 30YrCancerDerived	*	2.46E-08 INHALATION
1670 ALL	487911.08	3673545.37	0.007503162	100414 Ethyl Benzene	3.17E-08 30YrCancerDerived	*	3.17E-08 INHALATION
1671 ALL	487931.92	3673545.37	0.00834159	100414 Ethyl Benzene	3.52E-08 30YrCancerDerived	*	3.52E-08 INHALATION
1672 ALL	487744.36	3673565.25	0.002181546	100414 Ethyl Benzene	9.21E-09 30YrCancerDerived	*	9.21E-09 INHALATION
1673 ALL	487765.2	3673565.25	0.001781247	100414 Ethyl Benzene	7.52E-09 30YrCancerDerived	*	7.52E-09 INHALATION
1674 ALL	487786.04	3673565.25	0.001048084	100414 Ethyl Benzene	4.43E-09 30YrCancerDerived	*	4.43E-09 INHALATION
1675 ALL	487806.88	3673565.25	0.00076263	100414 Ethyl Benzene	3.22E-09 30YrCancerDerived	*	3.22E-09 INHALATION
1676 ALL	487827.72	3673565.25	0.000639845	100414 Ethyl Benzene	2.70E-09 30YrCancerDerived	*	2.70E-09 INHALATION
1677 ALL	487848.56	3673565.25	0.000698991	100414 Ethyl Benzene	2.95E-09 30YrCancerDerived	*	2.95E-09 INHALATION
1678 ALL	487869.4	3673565.25	0.001208396	100414 Ethyl Benzene	5.10E-09 30YrCancerDerived	*	5.10E-09 INHALATION
1679 ALL	487890.24	3673565.25	0.00333184	100414 Ethyl Benzene	1.41E-08 30YrCancerDerived	*	1.41E-08 INHALATION
1680 ALL	487911.08	3673565.25	0.00617687	100414 Ethyl Benzene	2.61E-08 30YrCancerDerived	*	2.61E-08 INHALATION
1681 ALL	487765.2	3673585.13	0.001987034	100414 Ethyl Benzene	8.39E-09 30YrCancerDerived	*	8.39E-09 INHALATION
1682 ALL	487786.04	3673585.13	0.000917824	100414 Ethyl Benzene	3.88E-09 30YrCancerDerived	*	3.88E-09 INHALATION
1683 ALL	487806.88	3673585.13	0.000588946	100414 Ethyl Benzene	2.49E-09 30YrCancerDerived	*	2.49E-09 INHALATION
1684 ALL	487827.72	3673585.13	0.000460583	100414 Ethyl Benzene	1.94E-09 30YrCancerDerived	*	1.94E-09 INHALATION
1685 ALL	487848.56	3673585.13	0.000497958	100414 Ethyl Benzene	2.10E-09 30YrCancerDerived	*	2.10E-09 INHALATION
1686 ALL	487869.4	3673585.13	0.000810916	100414 Ethyl Benzene	3.42E-09 30YrCancerDerived	*	3.42E-09 INHALATION

1687 ALL	487890.24	3673585.13	0.002034525	100414 Ethyl Benzene	8.59E-09 30YrCancerDerived	*	8.59E-09 INHALATION
1688 ALL	487911.08	3673585.13	0.004314476	100414 Ethyl Benzene	1.82E-08 30YrCancerDerived	*	1.82E-08 INHALATION
1689 ALL	487786.04	3673605.01	0.00096436	100414 Ethyl Benzene	4.07E-09 30YrCancerDerived	*	4.07E-09 INHALATION
1690 ALL	487806.88	3673605.01	0.000522078	100414 Ethyl Benzene	2.20E-09 30YrCancerDerived	*	2.20E-09 INHALATION
1691 ALL	487827.72	3673605.01	0.000469117	100414 Ethyl Benzene	1.98E-09 30YrCancerDerived	*	1.98E-09 INHALATION
1692 ALL	487848.56	3673605.01	0.000522125	100414 Ethyl Benzene	2.20E-09 30YrCancerDerived	*	2.20E-09 INHALATION
1693 ALL	487869.4	3673605.01	0.001027444	100414 Ethyl Benzene	4.34E-09 30YrCancerDerived	*	4.34E-09 INHALATION
1694 ALL	487890.24	3673605.01	0.002173874	100414 Ethyl Benzene	9.18E-09 30YrCancerDerived	*	9.18E-09 INHALATION
1 ALL	487640.16	3673346.57	0.00066865	110543 Hexane	0 30YrCancerDerived	*	0
2 ALL	487661	3673346.57	0.000710678	110543 Hexane	0 30YrCancerDerived	*	0
3 ALL	487681.84	3673346.57	0.000767868	110543 Hexane	0 30YrCancerDerived	*	0
4 ALL	487702.68	3673346.57	0.00083743	110543 Hexane	0 30YrCancerDerived	*	0
5 ALL	487723.52	3673346.57	0.000919216	110543 Hexane	0 30YrCancerDerived	*	0
6 ALL	487598.48	3673366.45	0.000565295	110543 Hexane	0 30YrCancerDerived	*	0
7 ALL	487619.32	3673366.45	0.000659159	110543 Hexane	0 30YrCancerDerived	*	0
8 ALL	487640.16	3673366.45	0.000856148	110543 Hexane	0 30YrCancerDerived	*	0
9 ALL	487661	3673366.45	0.000984758	110543 Hexane	0 30YrCancerDerived	*	0
10 ALL	487681.84	3673366.45	0.001051719	110543 Hexane	0 30YrCancerDerived	*	0
11 ALL	487702.68	3673366.45	0.001168266	110543 Hexane	0 30YrCancerDerived	*	0
12 ALL	487723.52	3673366.45	0.001161112	110543 Hexane	0 30YrCancerDerived	*	0
13 ALL	487577.64	3673386.33	0.000573795	110543 Hexane	0 30YrCancerDerived	*	0
14 ALL	487598.48	3673386.33	0.000624588	110543 Hexane	0 30YrCancerDerived	*	0
15 ALL	487619.32	3673386.33	0.00075837	110543 Hexane	0 30YrCancerDerived	*	0
16 ALL	487640.16	3673386.33	0.001056963	110543 Hexane	0 30YrCancerDerived	*	0
17 ALL	487661	3673386.33	0.001457598	110543 Hexane	0 30YrCancerDerived	*	0
18 ALL	487681.84	3673386.33	0.001702949	110543 Hexane	0 30YrCancerDerived	*	0
19 ALL	487702.68	3673386.33	0.00177979	110543 Hexane	0 30YrCancerDerived	*	0
20 ALL	487723.52	3673386.33	0.001742742	110543 Hexane	0 30YrCancerDerived	*	0
21 ALL	487473.44	3673406.21	0.00040762	110543 Hexane	0 30YrCancerDerived	*	0
22 ALL	487494.28	3673406.21	0.000438946	110543 Hexane	0 30YrCancerDerived	*	0
23 ALL	487515.12	3673406.21	0.000466656	110543 Hexane	0 30YrCancerDerived	*	0
24 ALL	487535.96	3673406.21	0.000500504	110543 Hexane	0 30YrCancerDerived	*	0
25 ALL	487556.8	3673406.21	0.000554707	110543 Hexane	0 30YrCancerDerived	*	0
26 ALL	487577.64	3673406.21	0.000655543	110543 Hexane	0 30YrCancerDerived	*	0
27 ALL	487598.48	3673406.21	0.000812851	110543 Hexane	0 30YrCancerDerived	*	0

28 ALL	487619.32	3673406.21	0.001110657	110543 Hexane	0 30YrCancerDerived	*	0
29 ALL	487640.16	3673406.21	0.001644607	110543 Hexane	0 30YrCancerDerived	*	0
30 ALL	487661	3673406.21	0.002204558	110543 Hexane	0 30YrCancerDerived	*	0
31 ALL	487681.84	3673406.21	0.002431693	110543 Hexane	0 30YrCancerDerived	*	0
32 ALL	487702.68	3673406.21	0.002321993	110543 Hexane	0 30YrCancerDerived	*	0
33 ALL	487723.52	3673406.21	0.002075018	110543 Hexane	0 30YrCancerDerived	*	0
34 ALL	487431.76	3673426.09	0.000373591	110543 Hexane	0 30YrCancerDerived	*	0
35 ALL	487452.6	3673426.09	0.000394202	110543 Hexane	0 30YrCancerDerived	*	0
36 ALL	487473.44	3673426.09	0.000417996	110543 Hexane	0 30YrCancerDerived	*	0
37 ALL	487494.28	3673426.09	0.000448974	110543 Hexane	0 30YrCancerDerived	*	0
38 ALL	487515.12	3673426.09	0.000489582	110543 Hexane	0 30YrCancerDerived	*	0
39 ALL	487535.96	3673426.09	0.000531445	110543 Hexane	0 30YrCancerDerived	*	0
40 ALL	487556.8	3673426.09	0.000595413	110543 Hexane	0 30YrCancerDerived	*	0
41 ALL	487577.64	3673426.09	0.000720675	110543 Hexane	0 30YrCancerDerived	*	0
42 ALL	487598.48	3673426.09	0.001015194	110543 Hexane	0 30YrCancerDerived	*	0
43 ALL	487619.32	3673426.09	0.001571378	110543 Hexane	0 30YrCancerDerived	*	0
44 ALL	487640.16	3673426.09	0.002540522	110543 Hexane	0 30YrCancerDerived	*	0
45 ALL	487661	3673426.09	0.003372494	110543 Hexane	0 30YrCancerDerived	*	0
46 ALL	487681.84	3673426.09	0.003589595	110543 Hexane	0 30YrCancerDerived	*	0
47 ALL	487702.68	3673426.09	0.003005943	110543 Hexane	0 30YrCancerDerived	*	0
48 ALL	487723.52	3673426.09	0.002632833	110543 Hexane	0 30YrCancerDerived	*	0
49 ALL	487410.92	3673445.97	0.00037215	110543 Hexane	0 30YrCancerDerived	*	0
50 ALL	487431.76	3673445.97	0.000391878	110543 Hexane	0 30YrCancerDerived	*	0
51 ALL	487452.6	3673445.97	0.000412314	110543 Hexane	0 30YrCancerDerived	*	0
52 ALL	487473.44	3673445.97	0.000432833	110543 Hexane	0 30YrCancerDerived	*	0
53 ALL	487494.28	3673445.97	0.000455723	110543 Hexane	0 30YrCancerDerived	*	0
54 ALL	487515.12	3673445.97	0.000484449	110543 Hexane	0 30YrCancerDerived	*	0
55 ALL	487535.96	3673445.97	0.000520173	110543 Hexane	0 30YrCancerDerived	*	0
56 ALL	487556.8	3673445.97	0.00058659	110543 Hexane	0 30YrCancerDerived	*	0
57 ALL	487577.64	3673445.97	0.000688683	110543 Hexane	0 30YrCancerDerived	*	0
58 ALL	487598.48	3673445.97	0.000994032	110543 Hexane	0 30YrCancerDerived	*	0
59 ALL	487619.32	3673445.97	0.001566391	110543 Hexane	0 30YrCancerDerived	*	0
60 ALL	487640.16	3673445.97	0.002981742	110543 Hexane	0 30YrCancerDerived	*	0
61 ALL	487661	3673445.97	0.004684114	110543 Hexane	0 30YrCancerDerived	*	0
62 ALL	487681.84	3673445.97	0.005681702	110543 Hexane	0 30YrCancerDerived	*	0

63 ALL	487702.68	3673445.97	0.005009537	110543 Hexane	0 30YrCancerDerived	*	0
64 ALL	487369.24	3673465.85	0.000344274	110543 Hexane	0 30YrCancerDerived	*	0
65 ALL	487390.08	3673465.85	0.000369448	110543 Hexane	0 30YrCancerDerived	*	0
66 ALL	487410.92	3673465.85	0.000390908	110543 Hexane	0 30YrCancerDerived	*	0
67 ALL	487431.76	3673465.85	0.000428599	110543 Hexane	0 30YrCancerDerived	*	0
68 ALL	487452.6	3673465.85	0.000452591	110543 Hexane	0 30YrCancerDerived	*	0
69 ALL	487473.44	3673465.85	0.000467188	110543 Hexane	0 30YrCancerDerived	*	0
70 ALL	487494.28	3673465.85	0.000479402	110543 Hexane	0 30YrCancerDerived	*	0
71 ALL	487515.12	3673465.85	0.000467304	110543 Hexane	0 30YrCancerDerived	*	0
72 ALL	487535.96	3673465.85	0.000498442	110543 Hexane	0 30YrCancerDerived	*	0
73 ALL	487556.8	3673465.85	0.000564282	110543 Hexane	0 30YrCancerDerived	*	0
74 ALL	487577.64	3673465.85	0.000694742	110543 Hexane	0 30YrCancerDerived	*	0
75 ALL	487598.48	3673465.85	0.001022601	110543 Hexane	0 30YrCancerDerived	*	0
76 ALL	487619.32	3673465.85	0.001632368	110543 Hexane	0 30YrCancerDerived	*	0
77 ALL	487640.16	3673465.85	0.003147702	110543 Hexane	0 30YrCancerDerived	*	0
78 ALL	487661	3673465.85	0.005511975	110543 Hexane	0 30YrCancerDerived	*	0
79 ALL	487681.84	3673465.85	0.007111695	110543 Hexane	0 30YrCancerDerived	*	0
80 ALL	487702.68	3673465.85	0.007484595	110543 Hexane	0 30YrCancerDerived	*	0
81 ALL	487348.4	3673485.73	0.000328416	110543 Hexane	0 30YrCancerDerived	*	0
82 ALL	487369.24	3673485.73	0.000354109	110543 Hexane	0 30YrCancerDerived	*	0
83 ALL	487390.08	3673485.73	0.000392012	110543 Hexane	0 30YrCancerDerived	*	0
84 ALL	487410.92	3673485.73	0.000444478	110543 Hexane	0 30YrCancerDerived	*	0
85 ALL	487431.76	3673485.73	0.00049621	110543 Hexane	0 30YrCancerDerived	*	0
86 ALL	487452.6	3673485.73	0.000530875	110543 Hexane	0 30YrCancerDerived	*	0
87 ALL	487473.44	3673485.73	0.00053745	110543 Hexane	0 30YrCancerDerived	*	0
88 ALL	487494.28	3673485.73	0.000509622	110543 Hexane	0 30YrCancerDerived	*	0
89 ALL	487515.12	3673485.73	0.000472217	110543 Hexane	0 30YrCancerDerived	*	0
90 ALL	487535.96	3673485.73	0.000500494	110543 Hexane	0 30YrCancerDerived	*	0
91 ALL	487556.8	3673485.73	0.000611847	110543 Hexane	0 30YrCancerDerived	*	0
92 ALL	487577.64	3673485.73	0.000862559	110543 Hexane	0 30YrCancerDerived	*	0
93 ALL	487598.48	3673485.73	0.001391223	110543 Hexane	0 30YrCancerDerived	*	0
94 ALL	487619.32	3673485.73	0.002462694	110543 Hexane	0 30YrCancerDerived	*	0
95 ALL	487640.16	3673485.73	0.004527815	110543 Hexane	0 30YrCancerDerived	*	0
96 ALL	487661	3673485.73	0.006427994	110543 Hexane	0 30YrCancerDerived	*	0
97 ALL	487681.84	3673485.73	0.008313185	110543 Hexane	0 30YrCancerDerived	*	0

98 ALL	487223.36	3673505.61	0.000245509	110543 Hexane	0 30YrCancerDerived	*	0
99 ALL	487244.2	3673505.61	0.000255651	110543 Hexane	0 30YrCancerDerived	*	0
100 ALL	487327.56	3673505.61	0.000321815	110543 Hexane	0 30YrCancerDerived	*	0
101 ALL	487348.4	3673505.61	0.000341552	110543 Hexane	0 30YrCancerDerived	*	0
102 ALL	487369.24	3673505.61	0.000370733	110543 Hexane	0 30YrCancerDerived	*	0
103 ALL	487390.08	3673505.61	0.000419649	110543 Hexane	0 30YrCancerDerived	*	0
104 ALL	487410.92	3673505.61	0.00048826	110543 Hexane	0 30YrCancerDerived	*	0
105 ALL	487431.76	3673505.61	0.000607551	110543 Hexane	0 30YrCancerDerived	*	0
106 ALL	487452.6	3673505.61	0.000639621	110543 Hexane	0 30YrCancerDerived	*	0
107 ALL	487473.44	3673505.61	0.000625982	110543 Hexane	0 30YrCancerDerived	*	0
108 ALL	487494.28	3673505.61	0.000566189	110543 Hexane	0 30YrCancerDerived	*	0
109 ALL	487515.12	3673505.61	0.000525938	110543 Hexane	0 30YrCancerDerived	*	0
110 ALL	487535.96	3673505.61	0.000525098	110543 Hexane	0 30YrCancerDerived	*	0
111 ALL	487556.8	3673505.61	0.000625962	110543 Hexane	0 30YrCancerDerived	*	0
112 ALL	487577.64	3673505.61	0.001030263	110543 Hexane	0 30YrCancerDerived	*	0
113 ALL	487598.48	3673505.61	0.002415277	110543 Hexane	0 30YrCancerDerived	*	0
114 ALL	487619.32	3673505.61	0.004910133	110543 Hexane	0 30YrCancerDerived	*	0
115 ALL	487640.16	3673505.61	0.006661519	110543 Hexane	0 30YrCancerDerived	*	0
116 ALL	487661	3673505.61	0.0061705	110543 Hexane	0 30YrCancerDerived	*	0
117 ALL	487681.84	3673505.61	0.006936512	110543 Hexane	0 30YrCancerDerived	*	0
118 ALL	487223.36	3673525.49	0.000245367	110543 Hexane	0 30YrCancerDerived	*	0
119 ALL	487244.2	3673525.49	0.000257284	110543 Hexane	0 30YrCancerDerived	*	0
120 ALL	487265.04	3673525.49	0.000276661	110543 Hexane	0 30YrCancerDerived	*	0
121 ALL	487306.72	3673525.49	0.000319521	110543 Hexane	0 30YrCancerDerived	*	0
122 ALL	487327.56	3673525.49	0.000336754	110543 Hexane	0 30YrCancerDerived	*	0
123 ALL	487348.4	3673525.49	0.000362986	110543 Hexane	0 30YrCancerDerived	*	0
124 ALL	487369.24	3673525.49	0.000407278	110543 Hexane	0 30YrCancerDerived	*	0
125 ALL	487390.08	3673525.49	0.000465558	110543 Hexane	0 30YrCancerDerived	*	0
126 ALL	487410.92	3673525.49	0.000539591	110543 Hexane	0 30YrCancerDerived	*	0
127 ALL	487431.76	3673525.49	0.000674564	110543 Hexane	0 30YrCancerDerived	*	0
128 ALL	487452.6	3673525.49	0.00069955	110543 Hexane	0 30YrCancerDerived	*	0
129 ALL	487473.44	3673525.49	0.000713583	110543 Hexane	0 30YrCancerDerived	*	0
130 ALL	487494.28	3673525.49	0.000700189	110543 Hexane	0 30YrCancerDerived	*	0
131 ALL	487515.12	3673525.49	0.000664052	110543 Hexane	0 30YrCancerDerived	*	0
132 ALL	487535.96	3673525.49	0.000655299	110543 Hexane	0 30YrCancerDerived	*	0

133 ALL	487556.8	3673525.49	0.00073138	110543 Hexane	0 30YrCancerDerived	*	0
134 ALL	487577.64	3673525.49	0.001138124	110543 Hexane	0 30YrCancerDerived	*	0
135 ALL	487598.48	3673525.49	0.002741887	110543 Hexane	0 30YrCancerDerived	*	0
136 ALL	487619.32	3673525.49	0.006271267	110543 Hexane	0 30YrCancerDerived	*	0
137 ALL	487640.16	3673525.49	0.003613849	110543 Hexane	0 30YrCancerDerived	*	0
138 ALL	487661	3673525.49	0.002506878	110543 Hexane	0 30YrCancerDerived	*	0
139 ALL	487202.52	3673545.37	0.000237856	110543 Hexane	0 30YrCancerDerived	*	0
140 ALL	487223.36	3673545.37	0.000245836	110543 Hexane	0 30YrCancerDerived	*	0
141 ALL	487244.2	3673545.37	0.000260446	110543 Hexane	0 30YrCancerDerived	*	0
142 ALL	487265.04	3673545.37	0.000280648	110543 Hexane	0 30YrCancerDerived	*	0
143 ALL	487285.88	3673545.37	0.000303497	110543 Hexane	0 30YrCancerDerived	*	0
144 ALL	487306.72	3673545.37	0.000323766	110543 Hexane	0 30YrCancerDerived	*	0
145 ALL	487327.56	3673545.37	0.000346584	110543 Hexane	0 30YrCancerDerived	*	0
146 ALL	487348.4	3673545.37	0.000372	110543 Hexane	0 30YrCancerDerived	*	0
147 ALL	487369.24	3673545.37	0.000405896	110543 Hexane	0 30YrCancerDerived	*	0
148 ALL	487390.08	3673545.37	0.000456347	110543 Hexane	0 30YrCancerDerived	*	0
149 ALL	487410.92	3673545.37	0.000537934	110543 Hexane	0 30YrCancerDerived	*	0
150 ALL	487431.76	3673545.37	0.000576681	110543 Hexane	0 30YrCancerDerived	*	0
151 ALL	487452.6	3673545.37	0.000585734	110543 Hexane	0 30YrCancerDerived	*	0
152 ALL	487473.44	3673545.37	0.000632213	110543 Hexane	0 30YrCancerDerived	*	0
153 ALL	487494.28	3673545.37	0.000864173	110543 Hexane	0 30YrCancerDerived	*	0
154 ALL	487515.12	3673545.37	0.000966237	110543 Hexane	0 30YrCancerDerived	*	0
155 ALL	487535.96	3673545.37	0.000979977	110543 Hexane	0 30YrCancerDerived	*	0
156 ALL	487556.8	3673545.37	0.000985773	110543 Hexane	0 30YrCancerDerived	*	0
157 ALL	487577.64	3673545.37	0.001527001	110543 Hexane	0 30YrCancerDerived	*	0
158 ALL	487598.48	3673545.37	0.003168503	110543 Hexane	0 30YrCancerDerived	*	0
159 ALL	487619.32	3673545.37	0.002514913	110543 Hexane	0 30YrCancerDerived	*	0
160 ALL	487640.16	3673545.37	0.001349148	110543 Hexane	0 30YrCancerDerived	*	0
161 ALL	487661	3673545.37	0.00115096	110543 Hexane	0 30YrCancerDerived	*	0
162 ALL	487181.68	3673565.25	0.00023447	110543 Hexane	0 30YrCancerDerived	*	0
163 ALL	487202.52	3673565.25	0.000239548	110543 Hexane	0 30YrCancerDerived	*	0
164 ALL	487223.36	3673565.25	0.000249125	110543 Hexane	0 30YrCancerDerived	*	0
165 ALL	487244.2	3673565.25	0.000261222	110543 Hexane	0 30YrCancerDerived	*	0
166 ALL	487265.04	3673565.25	0.000275165	110543 Hexane	0 30YrCancerDerived	*	0
167 ALL	487285.88	3673565.25	0.000291827	110543 Hexane	0 30YrCancerDerived	*	0

168 ALL	487306.72	3673565.25	0.000304946	110543 Hexane	0 30YrCancerDerived	*	0
169 ALL	487327.56	3673565.25	0.000321199	110543 Hexane	0 30YrCancerDerived	*	0
170 ALL	487348.4	3673565.25	0.000343965	110543 Hexane	0 30YrCancerDerived	*	0
171 ALL	487369.24	3673565.25	0.000376631	110543 Hexane	0 30YrCancerDerived	*	0
172 ALL	487390.08	3673565.25	0.000423018	110543 Hexane	0 30YrCancerDerived	*	0
173 ALL	487410.92	3673565.25	0.000475864	110543 Hexane	0 30YrCancerDerived	*	0
174 ALL	487431.76	3673565.25	0.000460106	110543 Hexane	0 30YrCancerDerived	*	0
175 ALL	487452.6	3673565.25	0.000467307	110543 Hexane	0 30YrCancerDerived	*	0
176 ALL	487473.44	3673565.25	0.00051759	110543 Hexane	0 30YrCancerDerived	*	0
177 ALL	487494.28	3673565.25	0.000657824	110543 Hexane	0 30YrCancerDerived	*	0
178 ALL	487515.12	3673565.25	0.000982858	110543 Hexane	0 30YrCancerDerived	*	0
179 ALL	487535.96	3673565.25	0.001506737	110543 Hexane	0 30YrCancerDerived	*	0
180 ALL	487556.8	3673565.25	0.00216663	110543 Hexane	0 30YrCancerDerived	*	0
181 ALL	487577.64	3673565.25	0.00309467	110543 Hexane	0 30YrCancerDerived	*	0
182 ALL	487598.48	3673565.25	0.002510014	110543 Hexane	0 30YrCancerDerived	*	0
183 ALL	487619.32	3673565.25	0.001221222	110543 Hexane	0 30YrCancerDerived	*	0
184 ALL	487640.16	3673565.25	0.000842995	110543 Hexane	0 30YrCancerDerived	*	0
185 ALL	487098.32	3673585.13	0.000222024	110543 Hexane	0 30YrCancerDerived	*	0
186 ALL	487119.16	3673585.13	0.000225805	110543 Hexane	0 30YrCancerDerived	*	0
187 ALL	487140	3673585.13	0.000229812	110543 Hexane	0 30YrCancerDerived	*	0
188 ALL	487160.84	3673585.13	0.000234591	110543 Hexane	0 30YrCancerDerived	*	0
189 ALL	487181.68	3673585.13	0.000236929	110543 Hexane	0 30YrCancerDerived	*	0
190 ALL	487202.52	3673585.13	0.000238587	110543 Hexane	0 30YrCancerDerived	*	0
191 ALL	487223.36	3673585.13	0.000244635	110543 Hexane	0 30YrCancerDerived	*	0
192 ALL	487244.2	3673585.13	0.000253819	110543 Hexane	0 30YrCancerDerived	*	0
193 ALL	487265.04	3673585.13	0.000263445	110543 Hexane	0 30YrCancerDerived	*	0
194 ALL	487285.88	3673585.13	0.000274583	110543 Hexane	0 30YrCancerDerived	*	0
195 ALL	487306.72	3673585.13	0.000288827	110543 Hexane	0 30YrCancerDerived	*	0
196 ALL	487327.56	3673585.13	0.000303695	110543 Hexane	0 30YrCancerDerived	*	0
197 ALL	487348.4	3673585.13	0.00032198	110543 Hexane	0 30YrCancerDerived	*	0
198 ALL	487369.24	3673585.13	0.000351442	110543 Hexane	0 30YrCancerDerived	*	0
199 ALL	487390.08	3673585.13	0.00040135	110543 Hexane	0 30YrCancerDerived	*	0
200 ALL	487410.92	3673585.13	0.000427445	110543 Hexane	0 30YrCancerDerived	*	0
201 ALL	487431.76	3673585.13	0.000398968	110543 Hexane	0 30YrCancerDerived	*	0
202 ALL	487452.6	3673585.13	0.000409878	110543 Hexane	0 30YrCancerDerived	*	0

203 ALL	487473.44	3673585.13	0.000444421	110543 Hexane	0 30YrCancerDerived	*	0
204 ALL	487494.28	3673585.13	0.000499522	110543 Hexane	0 30YrCancerDerived	*	0
205 ALL	487515.12	3673585.13	0.000681487	110543 Hexane	0 30YrCancerDerived	*	0
206 ALL	487535.96	3673585.13	0.000995884	110543 Hexane	0 30YrCancerDerived	*	0
207 ALL	487556.8	3673585.13	0.001547367	110543 Hexane	0 30YrCancerDerived	*	0
208 ALL	487577.64	3673585.13	0.001986988	110543 Hexane	0 30YrCancerDerived	*	0
209 ALL	487598.48	3673585.13	0.001219	110543 Hexane	0 30YrCancerDerived	*	0
210 ALL	487619.32	3673585.13	0.000768518	110543 Hexane	0 30YrCancerDerived	*	0
211 ALL	487098.32	3673605.01	0.000228117	110543 Hexane	0 30YrCancerDerived	*	0
212 ALL	487119.16	3673605.01	0.000231909	110543 Hexane	0 30YrCancerDerived	*	0
213 ALL	487140	3673605.01	0.000235735	110543 Hexane	0 30YrCancerDerived	*	0
214 ALL	487160.84	3673605.01	0.000238408	110543 Hexane	0 30YrCancerDerived	*	0
215 ALL	487181.68	3673605.01	0.000236469	110543 Hexane	0 30YrCancerDerived	*	0
216 ALL	487202.52	3673605.01	0.000235633	110543 Hexane	0 30YrCancerDerived	*	0
217 ALL	487223.36	3673605.01	0.000239088	110543 Hexane	0 30YrCancerDerived	*	0
218 ALL	487244.2	3673605.01	0.000247615	110543 Hexane	0 30YrCancerDerived	*	0
219 ALL	487265.04	3673605.01	0.000258384	110543 Hexane	0 30YrCancerDerived	*	0
220 ALL	487285.88	3673605.01	0.000268078	110543 Hexane	0 30YrCancerDerived	*	0
221 ALL	487306.72	3673605.01	0.000278808	110543 Hexane	0 30YrCancerDerived	*	0
222 ALL	487327.56	3673605.01	0.000290004	110543 Hexane	0 30YrCancerDerived	*	0
223 ALL	487348.4	3673605.01	0.000309362	110543 Hexane	0 30YrCancerDerived	*	0
224 ALL	487369.24	3673605.01	0.000334379	110543 Hexane	0 30YrCancerDerived	*	0
225 ALL	487390.08	3673605.01	0.000381392	110543 Hexane	0 30YrCancerDerived	*	0
226 ALL	487410.92	3673605.01	0.000398207	110543 Hexane	0 30YrCancerDerived	*	0
227 ALL	487431.76	3673605.01	0.000368874	110543 Hexane	0 30YrCancerDerived	*	0
228 ALL	487452.6	3673605.01	0.000377076	110543 Hexane	0 30YrCancerDerived	*	0
229 ALL	487473.44	3673605.01	0.000405548	110543 Hexane	0 30YrCancerDerived	*	0
230 ALL	487494.28	3673605.01	0.000449398	110543 Hexane	0 30YrCancerDerived	*	0
231 ALL	487515.12	3673605.01	0.000543792	110543 Hexane	0 30YrCancerDerived	*	0
232 ALL	487535.96	3673605.01	0.000796485	110543 Hexane	0 30YrCancerDerived	*	0
233 ALL	487556.8	3673605.01	0.001201042	110543 Hexane	0 30YrCancerDerived	*	0
234 ALL	487577.64	3673605.01	0.001113341	110543 Hexane	0 30YrCancerDerived	*	0
235 ALL	487598.48	3673605.01	0.000727392	110543 Hexane	0 30YrCancerDerived	*	0
236 ALL	487119.16	3673624.89	0.000240861	110543 Hexane	0 30YrCancerDerived	*	0
237 ALL	487140	3673624.89	0.000239824	110543 Hexane	0 30YrCancerDerived	*	0

238 ALL	487160.84	3673624.89	0.000239448	110543 Hexane	0 30YrCancerDerived	*	0
239 ALL	487181.68	3673624.89	0.00023767	110543 Hexane	0 30YrCancerDerived	*	0
240 ALL	487202.52	3673624.89	0.000235951	110543 Hexane	0 30YrCancerDerived	*	0
241 ALL	487223.36	3673624.89	0.000236946	110543 Hexane	0 30YrCancerDerived	*	0
242 ALL	487244.2	3673624.89	0.000243737	110543 Hexane	0 30YrCancerDerived	*	0
243 ALL	487265.04	3673624.89	0.00025508	110543 Hexane	0 30YrCancerDerived	*	0
244 ALL	487285.88	3673624.89	0.000264828	110543 Hexane	0 30YrCancerDerived	*	0
245 ALL	487306.72	3673624.89	0.000274619	110543 Hexane	0 30YrCancerDerived	*	0
246 ALL	487327.56	3673624.89	0.000286723	110543 Hexane	0 30YrCancerDerived	*	0
247 ALL	487348.4	3673624.89	0.000304541	110543 Hexane	0 30YrCancerDerived	*	0
248 ALL	487369.24	3673624.89	0.000328895	110543 Hexane	0 30YrCancerDerived	*	0
249 ALL	487390.08	3673624.89	0.000370121	110543 Hexane	0 30YrCancerDerived	*	0
250 ALL	487410.92	3673624.89	0.000386253	110543 Hexane	0 30YrCancerDerived	*	0
251 ALL	487431.76	3673624.89	0.000351133	110543 Hexane	0 30YrCancerDerived	*	0
252 ALL	487452.6	3673624.89	0.000355517	110543 Hexane	0 30YrCancerDerived	*	0
253 ALL	487473.44	3673624.89	0.000380755	110543 Hexane	0 30YrCancerDerived	*	0
254 ALL	487494.28	3673624.89	0.000421594	110543 Hexane	0 30YrCancerDerived	*	0
255 ALL	487515.12	3673624.89	0.000505064	110543 Hexane	0 30YrCancerDerived	*	0
256 ALL	487535.96	3673624.89	0.00070168	110543 Hexane	0 30YrCancerDerived	*	0
257 ALL	487556.8	3673624.89	0.000806044	110543 Hexane	0 30YrCancerDerived	*	0
258 ALL	487577.64	3673624.89	0.000638777	110543 Hexane	0 30YrCancerDerived	*	0
259 ALL	487119.16	3673644.77	0.000238384	110543 Hexane	0 30YrCancerDerived	*	0
260 ALL	487140	3673644.77	0.000235501	110543 Hexane	0 30YrCancerDerived	*	0
261 ALL	487160.84	3673644.77	0.000236481	110543 Hexane	0 30YrCancerDerived	*	0
262 ALL	487181.68	3673644.77	0.000237758	110543 Hexane	0 30YrCancerDerived	*	0
263 ALL	487202.52	3673644.77	0.000237623	110543 Hexane	0 30YrCancerDerived	*	0
264 ALL	487223.36	3673644.77	0.000238259	110543 Hexane	0 30YrCancerDerived	*	0
265 ALL	487244.2	3673644.77	0.000243196	110543 Hexane	0 30YrCancerDerived	*	0
266 ALL	487265.04	3673644.77	0.000253224	110543 Hexane	0 30YrCancerDerived	*	0
267 ALL	487285.88	3673644.77	0.000263461	110543 Hexane	0 30YrCancerDerived	*	0
268 ALL	487306.72	3673644.77	0.000273605	110543 Hexane	0 30YrCancerDerived	*	0
269 ALL	487327.56	3673644.77	0.000284872	110543 Hexane	0 30YrCancerDerived	*	0
270 ALL	487348.4	3673644.77	0.000299382	110543 Hexane	0 30YrCancerDerived	*	0
271 ALL	487369.24	3673644.77	0.000318448	110543 Hexane	0 30YrCancerDerived	*	0
272 ALL	487390.08	3673644.77	0.000353963	110543 Hexane	0 30YrCancerDerived	*	0

273 ALL	487410.92	3673644.77	0.000377197	110543 Hexane	0 30YrCancerDerived	*	0
274 ALL	487431.76	3673644.77	0.000349162	110543 Hexane	0 30YrCancerDerived	*	0
275 ALL	487452.6	3673644.77	0.000342113	110543 Hexane	0 30YrCancerDerived	*	0
276 ALL	487473.44	3673644.77	0.000358489	110543 Hexane	0 30YrCancerDerived	*	0
277 ALL	487494.28	3673644.77	0.000405196	110543 Hexane	0 30YrCancerDerived	*	0
278 ALL	487515.12	3673644.77	0.000491717	110543 Hexane	0 30YrCancerDerived	*	0
279 ALL	487535.96	3673644.77	0.000600145	110543 Hexane	0 30YrCancerDerived	*	0
280 ALL	487556.8	3673644.77	0.000565321	110543 Hexane	0 30YrCancerDerived	*	0
281 ALL	487160.84	3673664.65	0.0002313	110543 Hexane	0 30YrCancerDerived	*	0
282 ALL	487181.68	3673664.65	0.000234004	110543 Hexane	0 30YrCancerDerived	*	0
283 ALL	487202.52	3673664.65	0.000235416	110543 Hexane	0 30YrCancerDerived	*	0
284 ALL	487223.36	3673664.65	0.00023787	110543 Hexane	0 30YrCancerDerived	*	0
285 ALL	487244.2	3673664.65	0.000242808	110543 Hexane	0 30YrCancerDerived	*	0
286 ALL	487327.56	3673664.65	0.000286862	110543 Hexane	0 30YrCancerDerived	*	0
287 ALL	487348.4	3673664.65	0.000301174	110543 Hexane	0 30YrCancerDerived	*	0
288 ALL	487369.24	3673664.65	0.000315685	110543 Hexane	0 30YrCancerDerived	*	0
289 ALL	487390.08	3673664.65	0.000347294	110543 Hexane	0 30YrCancerDerived	*	0
290 ALL	487410.92	3673664.65	0.000373325	110543 Hexane	0 30YrCancerDerived	*	0
291 ALL	487431.76	3673664.65	0.000347075	110543 Hexane	0 30YrCancerDerived	*	0
292 ALL	487452.6	3673664.65	0.000335038	110543 Hexane	0 30YrCancerDerived	*	0
293 ALL	487473.44	3673664.65	0.000349455	110543 Hexane	0 30YrCancerDerived	*	0
294 ALL	487494.28	3673664.65	0.000404916	110543 Hexane	0 30YrCancerDerived	*	0
295 ALL	487515.12	3673664.65	0.000475482	110543 Hexane	0 30YrCancerDerived	*	0
296 ALL	487535.96	3673664.65	0.000486452	110543 Hexane	0 30YrCancerDerived	*	0
297 ALL	487348.4	3673684.53	0.00030702	110543 Hexane	0 30YrCancerDerived	*	0
298 ALL	487369.24	3673684.53	0.000321618	110543 Hexane	0 30YrCancerDerived	*	0
299 ALL	487390.08	3673684.53	0.000349513	110543 Hexane	0 30YrCancerDerived	*	0
300 ALL	487410.92	3673684.53	0.000358924	110543 Hexane	0 30YrCancerDerived	*	0
301 ALL	487431.76	3673684.53	0.000341286	110543 Hexane	0 30YrCancerDerived	*	0
302 ALL	487452.6	3673684.53	0.000333599	110543 Hexane	0 30YrCancerDerived	*	0
303 ALL	487473.44	3673684.53	0.000357662	110543 Hexane	0 30YrCancerDerived	*	0
304 ALL	487494.28	3673684.53	0.00041325	110543 Hexane	0 30YrCancerDerived	*	0
305 ALL	487515.12	3673684.53	0.000435883	110543 Hexane	0 30YrCancerDerived	*	0
306 ALL	487390.08	3673704.41	0.000339392	110543 Hexane	0 30YrCancerDerived	*	0
307 ALL	487410.92	3673704.41	0.000339106	110543 Hexane	0 30YrCancerDerived	*	0

308 ALL	487431.76	3673704.41	0.000329037	110543 Hexane	0 30YrCancerDerived	*	0
309 ALL	487452.6	3673704.41	0.000333492	110543 Hexane	0 30YrCancerDerived	*	0
310 ALL	487473.44	3673704.41	0.000366324	110543 Hexane	0 30YrCancerDerived	*	0
311 ALL	487494.28	3673704.41	0.000396983	110543 Hexane	0 30YrCancerDerived	*	0
312 ALL	487390.08	3673724.29	0.000324834	110543 Hexane	0 30YrCancerDerived	*	0
313 ALL	487410.92	3673724.29	0.000326908	110543 Hexane	0 30YrCancerDerived	*	0
314 ALL	487431.76	3673724.29	0.000324332	110543 Hexane	0 30YrCancerDerived	*	0
315 ALL	487452.6	3673724.29	0.000334895	110543 Hexane	0 30YrCancerDerived	*	0
316 ALL	487473.44	3673724.29	0.000364074	110543 Hexane	0 30YrCancerDerived	*	0
317 ALL	487410.92	3673744.17	0.000320709	110543 Hexane	0 30YrCancerDerived	*	0
318 ALL	487431.76	3673744.17	0.00032389	110543 Hexane	0 30YrCancerDerived	*	0
319 ALL	487452.6	3673744.17	0.000336365	110543 Hexane	0 30YrCancerDerived	*	0
320 ALL	487473.44	3673744.17	0.000352419	110543 Hexane	0 30YrCancerDerived	*	0
321 ALL	487410.92	3673764.05	0.000316362	110543 Hexane	0 30YrCancerDerived	*	0
322 ALL	487431.76	3673764.05	0.000320882	110543 Hexane	0 30YrCancerDerived	*	0
323 ALL	487452.6	3673764.05	0.000335661	110543 Hexane	0 30YrCancerDerived	*	0
324 ALL	487431.76	3673783.93	0.000317885	110543 Hexane	0 30YrCancerDerived	*	0
325 ALL	487452.6	3673783.93	0.000331455	110543 Hexane	0 30YrCancerDerived	*	0
326 ALL	487014.96	3674221.29	0.000229146	110543 Hexane	0 30YrCancerDerived	*	0
327 ALL	487035.8	3674221.29	0.000231656	110543 Hexane	0 30YrCancerDerived	*	0
328 ALL	487056.64	3674221.29	0.000235289	110543 Hexane	0 30YrCancerDerived	*	0
329 ALL	487077.48	3674221.29	0.000238635	110543 Hexane	0 30YrCancerDerived	*	0
330 ALL	487098.32	3674221.29	0.000242104	110543 Hexane	0 30YrCancerDerived	*	0
331 ALL	487119.16	3674221.29	0.000247695	110543 Hexane	0 30YrCancerDerived	*	0
332 ALL	487140	3674221.29	0.000255916	110543 Hexane	0 30YrCancerDerived	*	0
333 ALL	487160.84	3674221.29	0.000264163	110543 Hexane	0 30YrCancerDerived	*	0
334 ALL	487181.68	3674221.29	0.000273031	110543 Hexane	0 30YrCancerDerived	*	0
335 ALL	486973.28	3674241.17	0.000224977	110543 Hexane	0 30YrCancerDerived	*	0
336 ALL	486994.12	3674241.17	0.000223379	110543 Hexane	0 30YrCancerDerived	*	0
337 ALL	487014.96	3674241.17	0.000227118	110543 Hexane	0 30YrCancerDerived	*	0
338 ALL	487035.8	3674241.17	0.00023223	110543 Hexane	0 30YrCancerDerived	*	0
339 ALL	487056.64	3674241.17	0.000236753	110543 Hexane	0 30YrCancerDerived	*	0
340 ALL	487077.48	3674241.17	0.000239612	110543 Hexane	0 30YrCancerDerived	*	0
341 ALL	487098.32	3674241.17	0.000244015	110543 Hexane	0 30YrCancerDerived	*	0
342 ALL	487119.16	3674241.17	0.000251105	110543 Hexane	0 30YrCancerDerived	*	0

343 ALL	487140	3674241.17	0.000261005	110543 Hexane	0 30YrCancerDerived	*	0
344 ALL	487160.84	3674241.17	0.000270962	110543 Hexane	0 30YrCancerDerived	*	0
345 ALL	487181.68	3674241.17	0.000283002	110543 Hexane	0 30YrCancerDerived	*	0
346 ALL	486952.44	3674261.05	0.00022433	110543 Hexane	0 30YrCancerDerived	*	0
347 ALL	486973.28	3674261.05	0.000220648	110543 Hexane	0 30YrCancerDerived	*	0
348 ALL	486994.12	3674261.05	0.000221349	110543 Hexane	0 30YrCancerDerived	*	0
349 ALL	487014.96	3674261.05	0.000226004	110543 Hexane	0 30YrCancerDerived	*	0
350 ALL	487035.8	3674261.05	0.00023137	110543 Hexane	0 30YrCancerDerived	*	0
351 ALL	487056.64	3674261.05	0.00023565	110543 Hexane	0 30YrCancerDerived	*	0
352 ALL	487077.48	3674261.05	0.000239639	110543 Hexane	0 30YrCancerDerived	*	0
353 ALL	487098.32	3674261.05	0.000245337	110543 Hexane	0 30YrCancerDerived	*	0
354 ALL	487119.16	3674261.05	0.000253644	110543 Hexane	0 30YrCancerDerived	*	0
355 ALL	487140	3674261.05	0.000263866	110543 Hexane	0 30YrCancerDerived	*	0
356 ALL	487160.84	3674261.05	0.000274928	110543 Hexane	0 30YrCancerDerived	*	0
357 ALL	487181.68	3674261.05	0.000290204	110543 Hexane	0 30YrCancerDerived	*	0
358 ALL	486931.6	3674280.93	0.000230374	110543 Hexane	0 30YrCancerDerived	*	0
359 ALL	486952.44	3674280.93	0.000221397	110543 Hexane	0 30YrCancerDerived	*	0
360 ALL	486973.28	3674280.93	0.000218667	110543 Hexane	0 30YrCancerDerived	*	0
361 ALL	486994.12	3674280.93	0.000221011	110543 Hexane	0 30YrCancerDerived	*	0
362 ALL	487014.96	3674280.93	0.000225911	110543 Hexane	0 30YrCancerDerived	*	0
363 ALL	487035.8	3674280.93	0.000231224	110543 Hexane	0 30YrCancerDerived	*	0
364 ALL	487056.64	3674280.93	0.000235161	110543 Hexane	0 30YrCancerDerived	*	0
365 ALL	487077.48	3674280.93	0.000239196	110543 Hexane	0 30YrCancerDerived	*	0
366 ALL	487098.32	3674280.93	0.000248559	110543 Hexane	0 30YrCancerDerived	*	0
367 ALL	487119.16	3674280.93	0.000258769	110543 Hexane	0 30YrCancerDerived	*	0
368 ALL	487140	3674280.93	0.00026751	110543 Hexane	0 30YrCancerDerived	*	0
369 ALL	487160.84	3674280.93	0.000279013	110543 Hexane	0 30YrCancerDerived	*	0
370 ALL	487181.68	3674280.93	0.000298059	110543 Hexane	0 30YrCancerDerived	*	0
371 ALL	486889.92	3674300.81	0.000276068	110543 Hexane	0 30YrCancerDerived	*	0
372 ALL	486910.76	3674300.81	0.000246786	110543 Hexane	0 30YrCancerDerived	*	0
373 ALL	486931.6	3674300.81	0.000226076	110543 Hexane	0 30YrCancerDerived	*	0
374 ALL	486952.44	3674300.81	0.00022101	110543 Hexane	0 30YrCancerDerived	*	0
375 ALL	486973.28	3674300.81	0.000219577	110543 Hexane	0 30YrCancerDerived	*	0
376 ALL	486994.12	3674300.81	0.000222577	110543 Hexane	0 30YrCancerDerived	*	0
377 ALL	487014.96	3674300.81	0.000227208	110543 Hexane	0 30YrCancerDerived	*	0

378 ALL	487035.8	3674300.81	0.000231756	110543 Hexane	0 30YrCancerDerived	*	0
379 ALL	487056.64	3674300.81	0.000235586	110543 Hexane	0 30YrCancerDerived	*	0
380 ALL	487077.48	3674300.81	0.000241355	110543 Hexane	0 30YrCancerDerived	*	0
381 ALL	487098.32	3674300.81	0.000253894	110543 Hexane	0 30YrCancerDerived	*	0
382 ALL	487119.16	3674300.81	0.000265375	110543 Hexane	0 30YrCancerDerived	*	0
383 ALL	487140	3674300.81	0.000274588	110543 Hexane	0 30YrCancerDerived	*	0
384 ALL	487160.84	3674300.81	0.000286547	110543 Hexane	0 30YrCancerDerived	*	0
385 ALL	487181.68	3674300.81	0.0003072	110543 Hexane	0 30YrCancerDerived	*	0
386 ALL	486869.08	3674320.69	0.000331414	110543 Hexane	0 30YrCancerDerived	*	0
387 ALL	486889.92	3674320.69	0.000281437	110543 Hexane	0 30YrCancerDerived	*	0
388 ALL	486910.76	3674320.69	0.000246618	110543 Hexane	0 30YrCancerDerived	*	0
389 ALL	486931.6	3674320.69	0.000226334	110543 Hexane	0 30YrCancerDerived	*	0
390 ALL	486952.44	3674320.69	0.000222656	110543 Hexane	0 30YrCancerDerived	*	0
391 ALL	486973.28	3674320.69	0.000222348	110543 Hexane	0 30YrCancerDerived	*	0
392 ALL	486994.12	3674320.69	0.000225172	110543 Hexane	0 30YrCancerDerived	*	0
393 ALL	487014.96	3674320.69	0.000231095	110543 Hexane	0 30YrCancerDerived	*	0
394 ALL	487035.8	3674320.69	0.000235851	110543 Hexane	0 30YrCancerDerived	*	0
395 ALL	487056.64	3674320.69	0.000238801	110543 Hexane	0 30YrCancerDerived	*	0
396 ALL	487077.48	3674320.69	0.000246907	110543 Hexane	0 30YrCancerDerived	*	0
397 ALL	487098.32	3674320.69	0.000259562	110543 Hexane	0 30YrCancerDerived	*	0
398 ALL	487119.16	3674320.69	0.000271073	110543 Hexane	0 30YrCancerDerived	*	0
399 ALL	487140	3674320.69	0.000283482	110543 Hexane	0 30YrCancerDerived	*	0
400 ALL	487160.84	3674320.69	0.000296595	110543 Hexane	0 30YrCancerDerived	*	0
401 ALL	487181.68	3674320.69	0.000315955	110543 Hexane	0 30YrCancerDerived	*	0
402 ALL	486848.24	3674340.57	0.000458429	110543 Hexane	0 30YrCancerDerived	*	0
403 ALL	486869.08	3674340.57	0.000358331	110543 Hexane	0 30YrCancerDerived	*	0
404 ALL	486889.92	3674340.57	0.000295834	110543 Hexane	0 30YrCancerDerived	*	0
405 ALL	486910.76	3674340.57	0.000255058	110543 Hexane	0 30YrCancerDerived	*	0
406 ALL	486931.6	3674340.57	0.000231001	110543 Hexane	0 30YrCancerDerived	*	0
407 ALL	486952.44	3674340.57	0.0002264	110543 Hexane	0 30YrCancerDerived	*	0
408 ALL	486973.28	3674340.57	0.000227868	110543 Hexane	0 30YrCancerDerived	*	0
409 ALL	486994.12	3674340.57	0.000232623	110543 Hexane	0 30YrCancerDerived	*	0
410 ALL	487014.96	3674340.57	0.000238277	110543 Hexane	0 30YrCancerDerived	*	0
411 ALL	487035.8	3674340.57	0.000240998	110543 Hexane	0 30YrCancerDerived	*	0
412 ALL	487056.64	3674340.57	0.000244443	110543 Hexane	0 30YrCancerDerived	*	0

413 ALL	487077.48	3674340.57	0.00025248	110543 Hexane	0 30YrCancerDerived	*	0
414 ALL	487098.32	3674340.57	0.000264715	110543 Hexane	0 30YrCancerDerived	*	0
415 ALL	487119.16	3674340.57	0.000275955	110543 Hexane	0 30YrCancerDerived	*	0
416 ALL	487140	3674340.57	0.000290262	110543 Hexane	0 30YrCancerDerived	*	0
417 ALL	487160.84	3674340.57	0.000308123	110543 Hexane	0 30YrCancerDerived	*	0
418 ALL	487181.68	3674340.57	0.00033051	110543 Hexane	0 30YrCancerDerived	*	0
419 ALL	486806.56	3674360.45	0.000698432	110543 Hexane	0 30YrCancerDerived	*	0
420 ALL	486827.4	3674360.45	0.000566306	110543 Hexane	0 30YrCancerDerived	*	0
421 ALL	486848.24	3674360.45	0.000464175	110543 Hexane	0 30YrCancerDerived	*	0
422 ALL	486869.08	3674360.45	0.000381851	110543 Hexane	0 30YrCancerDerived	*	0
423 ALL	486889.92	3674360.45	0.000317159	110543 Hexane	0 30YrCancerDerived	*	0
424 ALL	486910.76	3674360.45	0.000271181	110543 Hexane	0 30YrCancerDerived	*	0
425 ALL	486931.6	3674360.45	0.000244951	110543 Hexane	0 30YrCancerDerived	*	0
426 ALL	486952.44	3674360.45	0.000235221	110543 Hexane	0 30YrCancerDerived	*	0
427 ALL	486973.28	3674360.45	0.000236811	110543 Hexane	0 30YrCancerDerived	*	0
428 ALL	486994.12	3674360.45	0.000241482	110543 Hexane	0 30YrCancerDerived	*	0
429 ALL	487014.96	3674360.45	0.000244857	110543 Hexane	0 30YrCancerDerived	*	0
430 ALL	487035.8	3674360.45	0.000246538	110543 Hexane	0 30YrCancerDerived	*	0
431 ALL	487056.64	3674360.45	0.000250227	110543 Hexane	0 30YrCancerDerived	*	0
432 ALL	487077.48	3674360.45	0.000258381	110543 Hexane	0 30YrCancerDerived	*	0
433 ALL	487098.32	3674360.45	0.000269141	110543 Hexane	0 30YrCancerDerived	*	0
434 ALL	487119.16	3674360.45	0.000280008	110543 Hexane	0 30YrCancerDerived	*	0
435 ALL	487140	3674360.45	0.00029339	110543 Hexane	0 30YrCancerDerived	*	0
436 ALL	487160.84	3674360.45	0.000315361	110543 Hexane	0 30YrCancerDerived	*	0
437 ALL	487181.68	3674360.45	0.0003434	110543 Hexane	0 30YrCancerDerived	*	0
438 ALL	486785.72	3674380.33	0.000595613	110543 Hexane	0 30YrCancerDerived	*	0
439 ALL	486806.56	3674380.33	0.000584934	110543 Hexane	0 30YrCancerDerived	*	0
440 ALL	486827.4	3674380.33	0.000515117	110543 Hexane	0 30YrCancerDerived	*	0
441 ALL	486848.24	3674380.33	0.000449937	110543 Hexane	0 30YrCancerDerived	*	0
442 ALL	486869.08	3674380.33	0.000393862	110543 Hexane	0 30YrCancerDerived	*	0
443 ALL	486889.92	3674380.33	0.000339374	110543 Hexane	0 30YrCancerDerived	*	0
444 ALL	486910.76	3674380.33	0.000289627	110543 Hexane	0 30YrCancerDerived	*	0
445 ALL	486931.6	3674380.33	0.000266185	110543 Hexane	0 30YrCancerDerived	*	0
446 ALL	486952.44	3674380.33	0.000252157	110543 Hexane	0 30YrCancerDerived	*	0
447 ALL	486973.28	3674380.33	0.000248535	110543 Hexane	0 30YrCancerDerived	*	0

448 ALL	486994.12	3674380.33	0.000250664	110543 Hexane	0 30YrCancerDerived	*	0
449 ALL	487014.96	3674380.33	0.000250894	110543 Hexane	0 30YrCancerDerived	*	0
450 ALL	487035.8	3674380.33	0.000251589	110543 Hexane	0 30YrCancerDerived	*	0
451 ALL	487056.64	3674380.33	0.000256749	110543 Hexane	0 30YrCancerDerived	*	0
452 ALL	487077.48	3674380.33	0.000265065	110543 Hexane	0 30YrCancerDerived	*	0
453 ALL	487098.32	3674380.33	0.000274515	110543 Hexane	0 30YrCancerDerived	*	0
454 ALL	487119.16	3674380.33	0.000285253	110543 Hexane	0 30YrCancerDerived	*	0
455 ALL	487140	3674380.33	0.000297997	110543 Hexane	0 30YrCancerDerived	*	0
456 ALL	487160.84	3674380.33	0.000316451	110543 Hexane	0 30YrCancerDerived	*	0
457 ALL	487181.68	3674380.33	0.000344568	110543 Hexane	0 30YrCancerDerived	*	0
458 ALL	486702.36	3674400.21	0.00028028	110543 Hexane	0 30YrCancerDerived	*	0
459 ALL	486723.2	3674400.21	0.000315764	110543 Hexane	0 30YrCancerDerived	*	0
460 ALL	486744.04	3674400.21	0.000385888	110543 Hexane	0 30YrCancerDerived	*	0
461 ALL	486764.88	3674400.21	0.000499458	110543 Hexane	0 30YrCancerDerived	*	0
462 ALL	486785.72	3674400.21	0.000558299	110543 Hexane	0 30YrCancerDerived	*	0
463 ALL	486806.56	3674400.21	0.000499817	110543 Hexane	0 30YrCancerDerived	*	0
464 ALL	486827.4	3674400.21	0.000450566	110543 Hexane	0 30YrCancerDerived	*	0
465 ALL	486848.24	3674400.21	0.000434245	110543 Hexane	0 30YrCancerDerived	*	0
466 ALL	486869.08	3674400.21	0.000406869	110543 Hexane	0 30YrCancerDerived	*	0
467 ALL	486889.92	3674400.21	0.000351908	110543 Hexane	0 30YrCancerDerived	*	0
468 ALL	486910.76	3674400.21	0.000307537	110543 Hexane	0 30YrCancerDerived	*	0
469 ALL	486931.6	3674400.21	0.000287459	110543 Hexane	0 30YrCancerDerived	*	0
470 ALL	486952.44	3674400.21	0.000274277	110543 Hexane	0 30YrCancerDerived	*	0
471 ALL	486973.28	3674400.21	0.000265506	110543 Hexane	0 30YrCancerDerived	*	0
472 ALL	486994.12	3674400.21	0.000261496	110543 Hexane	0 30YrCancerDerived	*	0
473 ALL	487014.96	3674400.21	0.000257385	110543 Hexane	0 30YrCancerDerived	*	0
474 ALL	487035.8	3674400.21	0.00025825	110543 Hexane	0 30YrCancerDerived	*	0
475 ALL	487056.64	3674400.21	0.000263653	110543 Hexane	0 30YrCancerDerived	*	0
476 ALL	487077.48	3674400.21	0.000271157	110543 Hexane	0 30YrCancerDerived	*	0
477 ALL	487098.32	3674400.21	0.000280882	110543 Hexane	0 30YrCancerDerived	*	0
478 ALL	487119.16	3674400.21	0.000292389	110543 Hexane	0 30YrCancerDerived	*	0
479 ALL	487140	3674400.21	0.000306151	110543 Hexane	0 30YrCancerDerived	*	0
480 ALL	487160.84	3674400.21	0.000324226	110543 Hexane	0 30YrCancerDerived	*	0
481 ALL	487181.68	3674400.21	0.000348573	110543 Hexane	0 30YrCancerDerived	*	0
482 ALL	486619	3674420.09	0.000197047	110543 Hexane	0 30YrCancerDerived	*	0

483 ALL	486639.84	3674420.09	0.000213526	110543 Hexane	0 30YrCancerDerived	*	0
484 ALL	486660.68	3674420.09	0.000232295	110543 Hexane	0 30YrCancerDerived	*	0
485 ALL	486681.52	3674420.09	0.000255257	110543 Hexane	0 30YrCancerDerived	*	0
486 ALL	486702.36	3674420.09	0.000289713	110543 Hexane	0 30YrCancerDerived	*	0
487 ALL	486723.2	3674420.09	0.00032957	110543 Hexane	0 30YrCancerDerived	*	0
488 ALL	486744.04	3674420.09	0.000397745	110543 Hexane	0 30YrCancerDerived	*	0
489 ALL	486764.88	3674420.09	0.000502352	110543 Hexane	0 30YrCancerDerived	*	0
490 ALL	486785.72	3674420.09	0.000543942	110543 Hexane	0 30YrCancerDerived	*	0
491 ALL	486806.56	3674420.09	0.000471409	110543 Hexane	0 30YrCancerDerived	*	0
492 ALL	486827.4	3674420.09	0.000400149	110543 Hexane	0 30YrCancerDerived	*	0
493 ALL	486848.24	3674420.09	0.000387443	110543 Hexane	0 30YrCancerDerived	*	0
494 ALL	486869.08	3674420.09	0.000394763	110543 Hexane	0 30YrCancerDerived	*	0
495 ALL	486889.92	3674420.09	0.000363609	110543 Hexane	0 30YrCancerDerived	*	0
496 ALL	486910.76	3674420.09	0.000322903	110543 Hexane	0 30YrCancerDerived	*	0
497 ALL	486931.6	3674420.09	0.000305034	110543 Hexane	0 30YrCancerDerived	*	0
498 ALL	486952.44	3674420.09	0.000294183	110543 Hexane	0 30YrCancerDerived	*	0
499 ALL	486973.28	3674420.09	0.000284271	110543 Hexane	0 30YrCancerDerived	*	0
500 ALL	486994.12	3674420.09	0.000271537	110543 Hexane	0 30YrCancerDerived	*	0
501 ALL	487014.96	3674420.09	0.000268803	110543 Hexane	0 30YrCancerDerived	*	0
502 ALL	487035.8	3674420.09	0.000268207	110543 Hexane	0 30YrCancerDerived	*	0
503 ALL	487056.64	3674420.09	0.000273001	110543 Hexane	0 30YrCancerDerived	*	0
504 ALL	487077.48	3674420.09	0.000277543	110543 Hexane	0 30YrCancerDerived	*	0
505 ALL	487098.32	3674420.09	0.000286852	110543 Hexane	0 30YrCancerDerived	*	0
506 ALL	487119.16	3674420.09	0.000299564	110543 Hexane	0 30YrCancerDerived	*	0
507 ALL	487140	3674420.09	0.000315834	110543 Hexane	0 30YrCancerDerived	*	0
508 ALL	487160.84	3674420.09	0.000338739	110543 Hexane	0 30YrCancerDerived	*	0
509 ALL	487181.68	3674420.09	0.000362494	110543 Hexane	0 30YrCancerDerived	*	0
510 ALL	486577.32	3674439.97	0.000180221	110543 Hexane	0 30YrCancerDerived	*	0
511 ALL	486598.16	3674439.97	0.000188996	110543 Hexane	0 30YrCancerDerived	*	0
512 ALL	486619	3674439.97	0.000201927	110543 Hexane	0 30YrCancerDerived	*	0
513 ALL	486639.84	3674439.97	0.00022177	110543 Hexane	0 30YrCancerDerived	*	0
514 ALL	486660.68	3674439.97	0.000244256	110543 Hexane	0 30YrCancerDerived	*	0
515 ALL	486681.52	3674439.97	0.000278248	110543 Hexane	0 30YrCancerDerived	*	0
516 ALL	486702.36	3674439.97	0.000303318	110543 Hexane	0 30YrCancerDerived	*	0
517 ALL	486723.2	3674439.97	0.000349422	110543 Hexane	0 30YrCancerDerived	*	0

518 ALL	486744.04	3674439.97	0.0004148	110543 Hexane	0 30YrCancerDerived	*	0
519 ALL	486764.88	3674439.97	0.000486842	110543 Hexane	0 30YrCancerDerived	*	0
520 ALL	486785.72	3674439.97	0.000512499	110543 Hexane	0 30YrCancerDerived	*	0
521 ALL	486806.56	3674439.97	0.000444823	110543 Hexane	0 30YrCancerDerived	*	0
522 ALL	486827.4	3674439.97	0.000369301	110543 Hexane	0 30YrCancerDerived	*	0
523 ALL	486848.24	3674439.97	0.000337122	110543 Hexane	0 30YrCancerDerived	*	0
524 ALL	486869.08	3674439.97	0.000341624	110543 Hexane	0 30YrCancerDerived	*	0
525 ALL	486889.92	3674439.97	0.000351253	110543 Hexane	0 30YrCancerDerived	*	0
526 ALL	486910.76	3674439.97	0.0003327	110543 Hexane	0 30YrCancerDerived	*	0
527 ALL	486931.6	3674439.97	0.000318166	110543 Hexane	0 30YrCancerDerived	*	0
528 ALL	486952.44	3674439.97	0.000310069	110543 Hexane	0 30YrCancerDerived	*	0
529 ALL	486973.28	3674439.97	0.000299282	110543 Hexane	0 30YrCancerDerived	*	0
530 ALL	486994.12	3674439.97	0.000285155	110543 Hexane	0 30YrCancerDerived	*	0
531 ALL	487014.96	3674439.97	0.000278519	110543 Hexane	0 30YrCancerDerived	*	0
532 ALL	487035.8	3674439.97	0.000277768	110543 Hexane	0 30YrCancerDerived	*	0
533 ALL	487056.64	3674439.97	0.000278518	110543 Hexane	0 30YrCancerDerived	*	0
534 ALL	487077.48	3674439.97	0.00028295	110543 Hexane	0 30YrCancerDerived	*	0
535 ALL	487098.32	3674439.97	0.000291778	110543 Hexane	0 30YrCancerDerived	*	0
536 ALL	487119.16	3674439.97	0.000305127	110543 Hexane	0 30YrCancerDerived	*	0
537 ALL	487140	3674439.97	0.000322215	110543 Hexane	0 30YrCancerDerived	*	0
538 ALL	487160.84	3674439.97	0.000344905	110543 Hexane	0 30YrCancerDerived	*	0
539 ALL	487181.68	3674439.97	0.0003718	110543 Hexane	0 30YrCancerDerived	*	0
540 ALL	486556.48	3674459.85	0.000174381	110543 Hexane	0 30YrCancerDerived	*	0
541 ALL	486577.32	3674459.85	0.000179162	110543 Hexane	0 30YrCancerDerived	*	0
542 ALL	486598.16	3674459.85	0.000185402	110543 Hexane	0 30YrCancerDerived	*	0
543 ALL	486619	3674459.85	0.000194643	110543 Hexane	0 30YrCancerDerived	*	0
544 ALL	486639.84	3674459.85	0.000214188	110543 Hexane	0 30YrCancerDerived	*	0
545 ALL	486660.68	3674459.85	0.00023963	110543 Hexane	0 30YrCancerDerived	*	0
546 ALL	486681.52	3674459.85	0.00026286	110543 Hexane	0 30YrCancerDerived	*	0
547 ALL	486702.36	3674459.85	0.000285774	110543 Hexane	0 30YrCancerDerived	*	0
548 ALL	486723.2	3674459.85	0.000320521	110543 Hexane	0 30YrCancerDerived	*	0
549 ALL	486744.04	3674459.85	0.000364833	110543 Hexane	0 30YrCancerDerived	*	0
550 ALL	486764.88	3674459.85	0.000407614	110543 Hexane	0 30YrCancerDerived	*	0
551 ALL	486785.72	3674459.85	0.000438808	110543 Hexane	0 30YrCancerDerived	*	0
552 ALL	486806.56	3674459.85	0.00041221	110543 Hexane	0 30YrCancerDerived	*	0

553 ALL	486827.4	3674459.85	0.00034828	110543 Hexane	0 30YrCancerDerived	*	0
554 ALL	486848.24	3674459.85	0.000303828	110543 Hexane	0 30YrCancerDerived	*	0
555 ALL	486869.08	3674459.85	0.000302918	110543 Hexane	0 30YrCancerDerived	*	0
556 ALL	486889.92	3674459.85	0.000315881	110543 Hexane	0 30YrCancerDerived	*	0
557 ALL	486910.76	3674459.85	0.0003088	110543 Hexane	0 30YrCancerDerived	*	0
558 ALL	486931.6	3674459.85	0.000304495	110543 Hexane	0 30YrCancerDerived	*	0
559 ALL	486952.44	3674459.85	0.000310824	110543 Hexane	0 30YrCancerDerived	*	0
560 ALL	486973.28	3674459.85	0.000305446	110543 Hexane	0 30YrCancerDerived	*	0
561 ALL	486994.12	3674459.85	0.000293443	110543 Hexane	0 30YrCancerDerived	*	0
562 ALL	487014.96	3674459.85	0.000282049	110543 Hexane	0 30YrCancerDerived	*	0
563 ALL	487035.8	3674459.85	0.000279809	110543 Hexane	0 30YrCancerDerived	*	0
564 ALL	487056.64	3674459.85	0.000283976	110543 Hexane	0 30YrCancerDerived	*	0
565 ALL	487077.48	3674459.85	0.000289252	110543 Hexane	0 30YrCancerDerived	*	0
566 ALL	487098.32	3674459.85	0.000297208	110543 Hexane	0 30YrCancerDerived	*	0
567 ALL	487119.16	3674459.85	0.000309794	110543 Hexane	0 30YrCancerDerived	*	0
568 ALL	487140	3674459.85	0.000325104	110543 Hexane	0 30YrCancerDerived	*	0
569 ALL	487160.84	3674459.85	0.000342883	110543 Hexane	0 30YrCancerDerived	*	0
570 ALL	487181.68	3674459.85	0.000369633	110543 Hexane	0 30YrCancerDerived	*	0
571 ALL	486535.64	3674479.73	0.00017147	110543 Hexane	0 30YrCancerDerived	*	0
572 ALL	486556.48	3674479.73	0.000174629	110543 Hexane	0 30YrCancerDerived	*	0
573 ALL	486577.32	3674479.73	0.000178664	110543 Hexane	0 30YrCancerDerived	*	0
574 ALL	486598.16	3674479.73	0.000184681	110543 Hexane	0 30YrCancerDerived	*	0
575 ALL	486619	3674479.73	0.000191824	110543 Hexane	0 30YrCancerDerived	*	0
576 ALL	486639.84	3674479.73	0.000208946	110543 Hexane	0 30YrCancerDerived	*	0
577 ALL	486660.68	3674479.73	0.000229215	110543 Hexane	0 30YrCancerDerived	*	0
578 ALL	486681.52	3674479.73	0.000242269	110543 Hexane	0 30YrCancerDerived	*	0
579 ALL	486702.36	3674479.73	0.000261659	110543 Hexane	0 30YrCancerDerived	*	0
580 ALL	486723.2	3674479.73	0.00029318	110543 Hexane	0 30YrCancerDerived	*	0
581 ALL	486744.04	3674479.73	0.00032494	110543 Hexane	0 30YrCancerDerived	*	0
582 ALL	486764.88	3674479.73	0.00034485	110543 Hexane	0 30YrCancerDerived	*	0
583 ALL	486785.72	3674479.73	0.000371202	110543 Hexane	0 30YrCancerDerived	*	0
584 ALL	486806.56	3674479.73	0.000362937	110543 Hexane	0 30YrCancerDerived	*	0
585 ALL	486827.4	3674479.73	0.000328877	110543 Hexane	0 30YrCancerDerived	*	0
586 ALL	486848.24	3674479.73	0.000290661	110543 Hexane	0 30YrCancerDerived	*	0
587 ALL	486869.08	3674479.73	0.000280612	110543 Hexane	0 30YrCancerDerived	*	0

588 ALL	486889.92	3674479.73	0.000286961	110543 Hexane	0 30YrCancerDerived	*	0
589 ALL	486910.76	3674479.73	0.000291982	110543 Hexane	0 30YrCancerDerived	*	0
590 ALL	486931.6	3674479.73	0.000294552	110543 Hexane	0 30YrCancerDerived	*	0
591 ALL	486952.44	3674479.73	0.000301216	110543 Hexane	0 30YrCancerDerived	*	0
592 ALL	486973.28	3674479.73	0.000302507	110543 Hexane	0 30YrCancerDerived	*	0
593 ALL	486994.12	3674479.73	0.000293567	110543 Hexane	0 30YrCancerDerived	*	0
594 ALL	487014.96	3674479.73	0.000286435	110543 Hexane	0 30YrCancerDerived	*	0
595 ALL	487035.8	3674479.73	0.000286076	110543 Hexane	0 30YrCancerDerived	*	0
596 ALL	487056.64	3674479.73	0.000291403	110543 Hexane	0 30YrCancerDerived	*	0
597 ALL	487077.48	3674479.73	0.00029787	110543 Hexane	0 30YrCancerDerived	*	0
598 ALL	487098.32	3674479.73	0.000306102	110543 Hexane	0 30YrCancerDerived	*	0
599 ALL	487119.16	3674479.73	0.000317513	110543 Hexane	0 30YrCancerDerived	*	0
600 ALL	487140	3674479.73	0.000330397	110543 Hexane	0 30YrCancerDerived	*	0
601 ALL	487160.84	3674479.73	0.000348423	110543 Hexane	0 30YrCancerDerived	*	0
602 ALL	486514.8	3674499.61	0.000169779	110543 Hexane	0 30YrCancerDerived	*	0
603 ALL	486535.64	3674499.61	0.000174028	110543 Hexane	0 30YrCancerDerived	*	0
604 ALL	486556.48	3674499.61	0.000177327	110543 Hexane	0 30YrCancerDerived	*	0
605 ALL	486577.32	3674499.61	0.000182093	110543 Hexane	0 30YrCancerDerived	*	0
606 ALL	486598.16	3674499.61	0.000188898	110543 Hexane	0 30YrCancerDerived	*	0
607 ALL	486619	3674499.61	0.00019736	110543 Hexane	0 30YrCancerDerived	*	0
608 ALL	486639.84	3674499.61	0.00020893	110543 Hexane	0 30YrCancerDerived	*	0
609 ALL	486660.68	3674499.61	0.000221663	110543 Hexane	0 30YrCancerDerived	*	0
610 ALL	486681.52	3674499.61	0.000226608	110543 Hexane	0 30YrCancerDerived	*	0
611 ALL	486702.36	3674499.61	0.000242601	110543 Hexane	0 30YrCancerDerived	*	0
612 ALL	486723.2	3674499.61	0.000270257	110543 Hexane	0 30YrCancerDerived	*	0
613 ALL	486744.04	3674499.61	0.000280795	110543 Hexane	0 30YrCancerDerived	*	0
614 ALL	486764.88	3674499.61	0.000295453	110543 Hexane	0 30YrCancerDerived	*	0
615 ALL	486785.72	3674499.61	0.000325069	110543 Hexane	0 30YrCancerDerived	*	0
616 ALL	486806.56	3674499.61	0.000307327	110543 Hexane	0 30YrCancerDerived	*	0
617 ALL	486827.4	3674499.61	0.000288821	110543 Hexane	0 30YrCancerDerived	*	0
618 ALL	486848.24	3674499.61	0.000275785	110543 Hexane	0 30YrCancerDerived	*	0
619 ALL	486869.08	3674499.61	0.000268392	110543 Hexane	0 30YrCancerDerived	*	0
620 ALL	486889.92	3674499.61	0.000271819	110543 Hexane	0 30YrCancerDerived	*	0
621 ALL	486910.76	3674499.61	0.000282005	110543 Hexane	0 30YrCancerDerived	*	0
622 ALL	486931.6	3674499.61	0.000285997	110543 Hexane	0 30YrCancerDerived	*	0

623 ALL	486952.44	3674499.61	0.00029065	110543 Hexane	0 30YrCancerDerived	*	0
624 ALL	486973.28	3674499.61	0.000297326	110543 Hexane	0 30YrCancerDerived	*	0
625 ALL	486994.12	3674499.61	0.000297936	110543 Hexane	0 30YrCancerDerived	*	0
626 ALL	487014.96	3674499.61	0.000293175	110543 Hexane	0 30YrCancerDerived	*	0
627 ALL	487035.8	3674499.61	0.000293274	110543 Hexane	0 30YrCancerDerived	*	0
628 ALL	487056.64	3674499.61	0.000299843	110543 Hexane	0 30YrCancerDerived	*	0
629 ALL	487077.48	3674499.61	0.000308065	110543 Hexane	0 30YrCancerDerived	*	0
630 ALL	487098.32	3674499.61	0.000317398	110543 Hexane	0 30YrCancerDerived	*	0
631 ALL	487119.16	3674499.61	0.000328037	110543 Hexane	0 30YrCancerDerived	*	0
632 ALL	487140	3674499.61	0.000341808	110543 Hexane	0 30YrCancerDerived	*	0
633 ALL	487160.84	3674499.61	0.000362052	110543 Hexane	0 30YrCancerDerived	*	0
634 ALL	486514.8	3674519.49	0.000173328	110543 Hexane	0 30YrCancerDerived	*	0
635 ALL	486535.64	3674519.49	0.00018039	110543 Hexane	0 30YrCancerDerived	*	0
636 ALL	486556.48	3674519.49	0.000184543	110543 Hexane	0 30YrCancerDerived	*	0
637 ALL	486577.32	3674519.49	0.000188104	110543 Hexane	0 30YrCancerDerived	*	0
638 ALL	486598.16	3674519.49	0.000193204	110543 Hexane	0 30YrCancerDerived	*	0
639 ALL	486619	3674519.49	0.000202305	110543 Hexane	0 30YrCancerDerived	*	0
640 ALL	486639.84	3674519.49	0.000209996	110543 Hexane	0 30YrCancerDerived	*	0
641 ALL	486660.68	3674519.49	0.000218055	110543 Hexane	0 30YrCancerDerived	*	0
642 ALL	486681.52	3674519.49	0.000224184	110543 Hexane	0 30YrCancerDerived	*	0
643 ALL	486702.36	3674519.49	0.00023345	110543 Hexane	0 30YrCancerDerived	*	0
644 ALL	486723.2	3674519.49	0.000251709	110543 Hexane	0 30YrCancerDerived	*	0
645 ALL	486744.04	3674519.49	0.000254124	110543 Hexane	0 30YrCancerDerived	*	0
646 ALL	486764.88	3674519.49	0.000266551	110543 Hexane	0 30YrCancerDerived	*	0
647 ALL	486785.72	3674519.49	0.000292544	110543 Hexane	0 30YrCancerDerived	*	0
648 ALL	486806.56	3674519.49	0.000281256	110543 Hexane	0 30YrCancerDerived	*	0
649 ALL	486827.4	3674519.49	0.000260304	110543 Hexane	0 30YrCancerDerived	*	0
650 ALL	486848.24	3674519.49	0.000253889	110543 Hexane	0 30YrCancerDerived	*	0
651 ALL	486869.08	3674519.49	0.000253697	110543 Hexane	0 30YrCancerDerived	*	0
652 ALL	486889.92	3674519.49	0.000261339	110543 Hexane	0 30YrCancerDerived	*	0
653 ALL	486910.76	3674519.49	0.000274136	110543 Hexane	0 30YrCancerDerived	*	0
654 ALL	486931.6	3674519.49	0.000277056	110543 Hexane	0 30YrCancerDerived	*	0
655 ALL	486952.44	3674519.49	0.000280016	110543 Hexane	0 30YrCancerDerived	*	0
656 ALL	486973.28	3674519.49	0.000287088	110543 Hexane	0 30YrCancerDerived	*	0
657 ALL	486994.12	3674519.49	0.000292981	110543 Hexane	0 30YrCancerDerived	*	0

658 ALL	487014.96	3674519.49	0.00029503	110543 Hexane	0 30YrCancerDerived	*	0
659 ALL	487035.8	3674519.49	0.0002987	110543 Hexane	0 30YrCancerDerived	*	0
660 ALL	487056.64	3674519.49	0.000310979	110543 Hexane	0 30YrCancerDerived	*	0
661 ALL	486493.96	3674539.37	0.000174915	110543 Hexane	0 30YrCancerDerived	*	0
662 ALL	486514.8	3674539.37	0.000178998	110543 Hexane	0 30YrCancerDerived	*	0
663 ALL	486535.64	3674539.37	0.000184537	110543 Hexane	0 30YrCancerDerived	*	0
664 ALL	486556.48	3674539.37	0.000188018	110543 Hexane	0 30YrCancerDerived	*	0
665 ALL	486577.32	3674539.37	0.000191831	110543 Hexane	0 30YrCancerDerived	*	0
666 ALL	486598.16	3674539.37	0.000195694	110543 Hexane	0 30YrCancerDerived	*	0
667 ALL	486619	3674539.37	0.000202838	110543 Hexane	0 30YrCancerDerived	*	0
668 ALL	486639.84	3674539.37	0.000210402	110543 Hexane	0 30YrCancerDerived	*	0
669 ALL	486660.68	3674539.37	0.000218359	110543 Hexane	0 30YrCancerDerived	*	0
670 ALL	486681.52	3674539.37	0.000225661	110543 Hexane	0 30YrCancerDerived	*	0
671 ALL	486702.36	3674539.37	0.000234133	110543 Hexane	0 30YrCancerDerived	*	0
672 ALL	486723.2	3674539.37	0.000241263	110543 Hexane	0 30YrCancerDerived	*	0
673 ALL	486744.04	3674539.37	0.000238714	110543 Hexane	0 30YrCancerDerived	*	0
674 ALL	486764.88	3674539.37	0.000246471	110543 Hexane	0 30YrCancerDerived	*	0
675 ALL	486785.72	3674539.37	0.000270297	110543 Hexane	0 30YrCancerDerived	*	0
676 ALL	486806.56	3674539.37	0.000268218	110543 Hexane	0 30YrCancerDerived	*	0
677 ALL	486827.4	3674539.37	0.000251133	110543 Hexane	0 30YrCancerDerived	*	0
678 ALL	486848.24	3674539.37	0.000244904	110543 Hexane	0 30YrCancerDerived	*	0
679 ALL	486869.08	3674539.37	0.000246595	110543 Hexane	0 30YrCancerDerived	*	0
680 ALL	486889.92	3674539.37	0.00025722	110543 Hexane	0 30YrCancerDerived	*	0
681 ALL	486910.76	3674539.37	0.000269197	110543 Hexane	0 30YrCancerDerived	*	0
682 ALL	486931.6	3674539.37	0.00027529	110543 Hexane	0 30YrCancerDerived	*	0
683 ALL	486493.96	3674559.25	0.000172067	110543 Hexane	0 30YrCancerDerived	*	0
684 ALL	486514.8	3674559.25	0.000176952	110543 Hexane	0 30YrCancerDerived	*	0
685 ALL	486535.64	3674559.25	0.000185109	110543 Hexane	0 30YrCancerDerived	*	0
686 ALL	486556.48	3674559.25	0.000188446	110543 Hexane	0 30YrCancerDerived	*	0
687 ALL	486577.32	3674559.25	0.000189584	110543 Hexane	0 30YrCancerDerived	*	0
688 ALL	486598.16	3674559.25	0.000194558	110543 Hexane	0 30YrCancerDerived	*	0
689 ALL	486619	3674559.25	0.000203044	110543 Hexane	0 30YrCancerDerived	*	0
690 ALL	486639.84	3674559.25	0.000210206	110543 Hexane	0 30YrCancerDerived	*	0
691 ALL	486660.68	3674559.25	0.000219408	110543 Hexane	0 30YrCancerDerived	*	0
692 ALL	486681.52	3674559.25	0.000229303	110543 Hexane	0 30YrCancerDerived	*	0

693 ALL	486702.36	3674559.25	0.000235705	110543 Hexane	0 30YrCancerDerived	*	0
694 ALL	486723.2	3674559.25	0.000238525	110543 Hexane	0 30YrCancerDerived	*	0
695 ALL	486744.04	3674559.25	0.000237755	110543 Hexane	0 30YrCancerDerived	*	0
696 ALL	486764.88	3674559.25	0.000244194	110543 Hexane	0 30YrCancerDerived	*	0
697 ALL	486785.72	3674559.25	0.00026091	110543 Hexane	0 30YrCancerDerived	*	0
698 ALL	486806.56	3674559.25	0.000261132	110543 Hexane	0 30YrCancerDerived	*	0
699 ALL	486827.4	3674559.25	0.000252584	110543 Hexane	0 30YrCancerDerived	*	0
700 ALL	486848.24	3674559.25	0.000247801	110543 Hexane	0 30YrCancerDerived	*	0
701 ALL	486869.08	3674559.25	0.000249118	110543 Hexane	0 30YrCancerDerived	*	0
702 ALL	486889.92	3674559.25	0.000258145	110543 Hexane	0 30YrCancerDerived	*	0
703 ALL	486910.76	3674559.25	0.000274992	110543 Hexane	0 30YrCancerDerived	*	0
704 ALL	486493.96	3674579.13	0.000172737	110543 Hexane	0 30YrCancerDerived	*	0
705 ALL	486514.8	3674579.13	0.000174735	110543 Hexane	0 30YrCancerDerived	*	0
706 ALL	486535.64	3674579.13	0.000182927	110543 Hexane	0 30YrCancerDerived	*	0
707 ALL	486556.48	3674579.13	0.000187452	110543 Hexane	0 30YrCancerDerived	*	0
708 ALL	486577.32	3674579.13	0.000190656	110543 Hexane	0 30YrCancerDerived	*	0
709 ALL	486598.16	3674579.13	0.000195701	110543 Hexane	0 30YrCancerDerived	*	0
710 ALL	486619	3674579.13	0.00020398	110543 Hexane	0 30YrCancerDerived	*	0
711 ALL	486639.84	3674579.13	0.000210679	110543 Hexane	0 30YrCancerDerived	*	0
712 ALL	486660.68	3674579.13	0.000218941	110543 Hexane	0 30YrCancerDerived	*	0
713 ALL	486681.52	3674579.13	0.000227228	110543 Hexane	0 30YrCancerDerived	*	0
714 ALL	486702.36	3674579.13	0.000230927	110543 Hexane	0 30YrCancerDerived	*	0
715 ALL	486723.2	3674579.13	0.000235335	110543 Hexane	0 30YrCancerDerived	*	0
716 ALL	486744.04	3674579.13	0.000240066	110543 Hexane	0 30YrCancerDerived	*	0
717 ALL	486764.88	3674579.13	0.000248306	110543 Hexane	0 30YrCancerDerived	*	0
718 ALL	486785.72	3674579.13	0.000257135	110543 Hexane	0 30YrCancerDerived	*	0
719 ALL	486806.56	3674579.13	0.000260712	110543 Hexane	0 30YrCancerDerived	*	0
720 ALL	486827.4	3674579.13	0.000257521	110543 Hexane	0 30YrCancerDerived	*	0
721 ALL	486848.24	3674579.13	0.000254846	110543 Hexane	0 30YrCancerDerived	*	0
722 ALL	486869.08	3674579.13	0.000255764	110543 Hexane	0 30YrCancerDerived	*	0
723 ALL	486889.92	3674579.13	0.000266474	110543 Hexane	0 30YrCancerDerived	*	0
724 ALL	486473.12	3674599.01	0.000183786	110543 Hexane	0 30YrCancerDerived	*	0
725 ALL	486493.96	3674599.01	0.00017519	110543 Hexane	0 30YrCancerDerived	*	0
726 ALL	486514.8	3674599.01	0.000176008	110543 Hexane	0 30YrCancerDerived	*	0
727 ALL	486535.64	3674599.01	0.000181338	110543 Hexane	0 30YrCancerDerived	*	0

728 ALL	486556.48	3674599.01	0.000187415	110543 Hexane	0 30YrCancerDerived	*	0
729 ALL	486577.32	3674599.01	0.000193188	110543 Hexane	0 30YrCancerDerived	*	0
730 ALL	486598.16	3674599.01	0.000199562	110543 Hexane	0 30YrCancerDerived	*	0
731 ALL	486619	3674599.01	0.000205554	110543 Hexane	0 30YrCancerDerived	*	0
732 ALL	486639.84	3674599.01	0.00021227	110543 Hexane	0 30YrCancerDerived	*	0
733 ALL	486660.68	3674599.01	0.000217627	110543 Hexane	0 30YrCancerDerived	*	0
734 ALL	486681.52	3674599.01	0.000221499	110543 Hexane	0 30YrCancerDerived	*	0
735 ALL	486702.36	3674599.01	0.000224793	110543 Hexane	0 30YrCancerDerived	*	0
736 ALL	486723.2	3674599.01	0.000229489	110543 Hexane	0 30YrCancerDerived	*	0
737 ALL	486744.04	3674599.01	0.000241646	110543 Hexane	0 30YrCancerDerived	*	0
738 ALL	486764.88	3674599.01	0.000253744	110543 Hexane	0 30YrCancerDerived	*	0
739 ALL	486785.72	3674599.01	0.000263377	110543 Hexane	0 30YrCancerDerived	*	0
740 ALL	486806.56	3674599.01	0.000267512	110543 Hexane	0 30YrCancerDerived	*	0
741 ALL	486827.4	3674599.01	0.000265851	110543 Hexane	0 30YrCancerDerived	*	0
742 ALL	486848.24	3674599.01	0.000265287	110543 Hexane	0 30YrCancerDerived	*	0
743 ALL	486869.08	3674599.01	0.000268458	110543 Hexane	0 30YrCancerDerived	*	0
744 ALL	486473.12	3674618.89	0.000182182	110543 Hexane	0 30YrCancerDerived	*	0
745 ALL	486493.96	3674618.89	0.000175969	110543 Hexane	0 30YrCancerDerived	*	0
746 ALL	486514.8	3674618.89	0.000176699	110543 Hexane	0 30YrCancerDerived	*	0
747 ALL	486535.64	3674618.89	0.000182278	110543 Hexane	0 30YrCancerDerived	*	0
748 ALL	486556.48	3674618.89	0.000189169	110543 Hexane	0 30YrCancerDerived	*	0
749 ALL	486577.32	3674618.89	0.000194803	110543 Hexane	0 30YrCancerDerived	*	0
750 ALL	486598.16	3674618.89	0.000200839	110543 Hexane	0 30YrCancerDerived	*	0
751 ALL	486619	3674618.89	0.000206871	110543 Hexane	0 30YrCancerDerived	*	0
752 ALL	486639.84	3674618.89	0.000211131	110543 Hexane	0 30YrCancerDerived	*	0
753 ALL	486660.68	3674618.89	0.000214425	110543 Hexane	0 30YrCancerDerived	*	0
754 ALL	486681.52	3674618.89	0.000216182	110543 Hexane	0 30YrCancerDerived	*	0
755 ALL	486702.36	3674618.89	0.000217259	110543 Hexane	0 30YrCancerDerived	*	0
756 ALL	486723.2	3674618.89	0.000221723	110543 Hexane	0 30YrCancerDerived	*	0
757 ALL	486744.04	3674618.89	0.000232869	110543 Hexane	0 30YrCancerDerived	*	0
758 ALL	486764.88	3674618.89	0.000251267	110543 Hexane	0 30YrCancerDerived	*	0
759 ALL	486785.72	3674618.89	0.000270995	110543 Hexane	0 30YrCancerDerived	*	0
760 ALL	486806.56	3674618.89	0.000280781	110543 Hexane	0 30YrCancerDerived	*	0
761 ALL	486452.28	3674638.77	0.000187674	110543 Hexane	0 30YrCancerDerived	*	0
762 ALL	486473.12	3674638.77	0.000178267	110543 Hexane	0 30YrCancerDerived	*	0

763 ALL	486493.96	3674638.77	0.00017523	110543 Hexane	0 30YrCancerDerived	*	0
764 ALL	486514.8	3674638.77	0.000177995	110543 Hexane	0 30YrCancerDerived	*	0
765 ALL	486535.64	3674638.77	0.000183047	110543 Hexane	0 30YrCancerDerived	*	0
766 ALL	486556.48	3674638.77	0.000189674	110543 Hexane	0 30YrCancerDerived	*	0
767 ALL	486577.32	3674638.77	0.000195554	110543 Hexane	0 30YrCancerDerived	*	0
768 ALL	486598.16	3674638.77	0.00020033	110543 Hexane	0 30YrCancerDerived	*	0
769 ALL	486619	3674638.77	0.000203686	110543 Hexane	0 30YrCancerDerived	*	0
770 ALL	486639.84	3674638.77	0.000206012	110543 Hexane	0 30YrCancerDerived	*	0
771 ALL	486660.68	3674638.77	0.000209632	110543 Hexane	0 30YrCancerDerived	*	0
772 ALL	486681.52	3674638.77	0.000211895	110543 Hexane	0 30YrCancerDerived	*	0
773 ALL	486702.36	3674638.77	0.000211193	110543 Hexane	0 30YrCancerDerived	*	0
774 ALL	486723.2	3674638.77	0.000214458	110543 Hexane	0 30YrCancerDerived	*	0
775 ALL	486744.04	3674638.77	0.000225558	110543 Hexane	0 30YrCancerDerived	*	0
776 ALL	486764.88	3674638.77	0.00024279	110543 Hexane	0 30YrCancerDerived	*	0
777 ALL	486785.72	3674638.77	0.000270893	110543 Hexane	0 30YrCancerDerived	*	0
778 ALL	486452.28	3674658.65	0.000178938	110543 Hexane	0 30YrCancerDerived	*	0
779 ALL	486473.12	3674658.65	0.000173833	110543 Hexane	0 30YrCancerDerived	*	0
780 ALL	486493.96	3674658.65	0.000173925	110543 Hexane	0 30YrCancerDerived	*	0
781 ALL	486514.8	3674658.65	0.000178146	110543 Hexane	0 30YrCancerDerived	*	0
782 ALL	486535.64	3674658.65	0.000182428	110543 Hexane	0 30YrCancerDerived	*	0
783 ALL	486556.48	3674658.65	0.000189367	110543 Hexane	0 30YrCancerDerived	*	0
784 ALL	486577.32	3674658.65	0.000195096	110543 Hexane	0 30YrCancerDerived	*	0
785 ALL	486598.16	3674658.65	0.000199673	110543 Hexane	0 30YrCancerDerived	*	0
786 ALL	486619	3674658.65	0.000199072	110543 Hexane	0 30YrCancerDerived	*	0
787 ALL	486639.84	3674658.65	0.000199572	110543 Hexane	0 30YrCancerDerived	*	0
788 ALL	486660.68	3674658.65	0.000204758	110543 Hexane	0 30YrCancerDerived	*	0
789 ALL	486681.52	3674658.65	0.000209403	110543 Hexane	0 30YrCancerDerived	*	0
790 ALL	486702.36	3674658.65	0.000208205	110543 Hexane	0 30YrCancerDerived	*	0
791 ALL	486723.2	3674658.65	0.00021149	110543 Hexane	0 30YrCancerDerived	*	0
792 ALL	486744.04	3674658.65	0.000223537	110543 Hexane	0 30YrCancerDerived	*	0
793 ALL	486764.88	3674658.65	0.000244637	110543 Hexane	0 30YrCancerDerived	*	0
794 ALL	486452.28	3674678.53	0.000172121	110543 Hexane	0 30YrCancerDerived	*	0
795 ALL	486473.12	3674678.53	0.000171271	110543 Hexane	0 30YrCancerDerived	*	0
796 ALL	486493.96	3674678.53	0.000173717	110543 Hexane	0 30YrCancerDerived	*	0
797 ALL	486514.8	3674678.53	0.000177983	110543 Hexane	0 30YrCancerDerived	*	0

798 ALL	486535.64	3674678.53	0.000182168	110543 Hexane	0 30YrCancerDerived	*	0
799 ALL	486556.48	3674678.53	0.000187355	110543 Hexane	0 30YrCancerDerived	*	0
800 ALL	486577.32	3674678.53	0.000193082	110543 Hexane	0 30YrCancerDerived	*	0
801 ALL	486598.16	3674678.53	0.00019583	110543 Hexane	0 30YrCancerDerived	*	0
802 ALL	486619	3674678.53	0.000194266	110543 Hexane	0 30YrCancerDerived	*	0
803 ALL	486639.84	3674678.53	0.00019708	110543 Hexane	0 30YrCancerDerived	*	0
804 ALL	486660.68	3674678.53	0.000203147	110543 Hexane	0 30YrCancerDerived	*	0
805 ALL	486681.52	3674678.53	0.00020977	110543 Hexane	0 30YrCancerDerived	*	0
806 ALL	486702.36	3674678.53	0.000213793	110543 Hexane	0 30YrCancerDerived	*	0
807 ALL	486723.2	3674678.53	0.000218742	110543 Hexane	0 30YrCancerDerived	*	0
808 ALL	486744.04	3674678.53	0.000229927	110543 Hexane	0 30YrCancerDerived	*	0
809 ALL	486764.88	3674678.53	0.000257727	110543 Hexane	0 30YrCancerDerived	*	0
810 ALL	486431.44	3674698.41	0.000170017	110543 Hexane	0 30YrCancerDerived	*	0
811 ALL	486452.28	3674698.41	0.000169225	110543 Hexane	0 30YrCancerDerived	*	0
812 ALL	486473.12	3674698.41	0.000170588	110543 Hexane	0 30YrCancerDerived	*	0
813 ALL	486493.96	3674698.41	0.000174242	110543 Hexane	0 30YrCancerDerived	*	0
814 ALL	486514.8	3674698.41	0.000177641	110543 Hexane	0 30YrCancerDerived	*	0
815 ALL	486535.64	3674698.41	0.000181965	110543 Hexane	0 30YrCancerDerived	*	0
816 ALL	486556.48	3674698.41	0.000186159	110543 Hexane	0 30YrCancerDerived	*	0
817 ALL	486577.32	3674698.41	0.000190801	110543 Hexane	0 30YrCancerDerived	*	0
818 ALL	486598.16	3674698.41	0.000193217	110543 Hexane	0 30YrCancerDerived	*	0
819 ALL	486619	3674698.41	0.000193482	110543 Hexane	0 30YrCancerDerived	*	0
820 ALL	486639.84	3674698.41	0.000200234	110543 Hexane	0 30YrCancerDerived	*	0
821 ALL	486660.68	3674698.41	0.000212999	110543 Hexane	0 30YrCancerDerived	*	0
822 ALL	486431.44	3674718.29	0.00016874	110543 Hexane	0 30YrCancerDerived	*	0
823 ALL	486452.28	3674718.29	0.00016857	110543 Hexane	0 30YrCancerDerived	*	0
824 ALL	486473.12	3674718.29	0.000171723	110543 Hexane	0 30YrCancerDerived	*	0
825 ALL	486493.96	3674718.29	0.000176146	110543 Hexane	0 30YrCancerDerived	*	0
826 ALL	486514.8	3674718.29	0.000180034	110543 Hexane	0 30YrCancerDerived	*	0
827 ALL	486535.64	3674718.29	0.000183334	110543 Hexane	0 30YrCancerDerived	*	0
828 ALL	486556.48	3674718.29	0.000188001	110543 Hexane	0 30YrCancerDerived	*	0
829 ALL	486577.32	3674718.29	0.000191381	110543 Hexane	0 30YrCancerDerived	*	0
830 ALL	486598.16	3674718.29	0.000189356	110543 Hexane	0 30YrCancerDerived	*	0
831 ALL	486619	3674718.29	0.000194539	110543 Hexane	0 30YrCancerDerived	*	0
832 ALL	486639.84	3674718.29	0.000208228	110543 Hexane	0 30YrCancerDerived	*	0

833 ALL	486452.28	3674738.17	0.000167991	110543 Hexane	0 30YrCancerDerived	*	0
834 ALL	486473.12	3674738.17	0.000173151	110543 Hexane	0 30YrCancerDerived	*	0
835 ALL	486493.96	3674738.17	0.000180289	110543 Hexane	0 30YrCancerDerived	*	0
836 ALL	486514.8	3674738.17	0.000186514	110543 Hexane	0 30YrCancerDerived	*	0
837 ALL	486535.64	3674738.17	0.000191153	110543 Hexane	0 30YrCancerDerived	*	0
838 ALL	486556.48	3674738.17	0.000196307	110543 Hexane	0 30YrCancerDerived	*	0
839 ALL	486577.32	3674738.17	0.000196369	110543 Hexane	0 30YrCancerDerived	*	0
840 ALL	486598.16	3674738.17	0.000195377	110543 Hexane	0 30YrCancerDerived	*	0
841 ALL	486619	3674738.17	0.000204239	110543 Hexane	0 30YrCancerDerived	*	0
842 ALL	486473.12	3674758.05	0.000175156	110543 Hexane	0 30YrCancerDerived	*	0
843 ALL	486493.96	3674758.05	0.000183779	110543 Hexane	0 30YrCancerDerived	*	0
844 ALL	486514.8	3674758.05	0.000195729	110543 Hexane	0 30YrCancerDerived	*	0
845 ALL	486535.64	3674758.05	0.000202058	110543 Hexane	0 30YrCancerDerived	*	0
846 ALL	486556.48	3674758.05	0.000208089	110543 Hexane	0 30YrCancerDerived	*	0
847 ALL	486577.32	3674758.05	0.000209378	110543 Hexane	0 30YrCancerDerived	*	0
848 ALL	486139.68	3674777.93	0.000285201	110543 Hexane	0 30YrCancerDerived	*	0
849 ALL	486514.8	3674777.93	0.000202323	110543 Hexane	0 30YrCancerDerived	*	0
850 ALL	486535.64	3674777.93	0.000213469	110543 Hexane	0 30YrCancerDerived	*	0
851 ALL	486556.48	3674777.93	0.000222693	110543 Hexane	0 30YrCancerDerived	*	0
852 ALL	486139.68	3674797.81	0.000315473	110543 Hexane	0 30YrCancerDerived	*	0
853 ALL	486160.52	3674797.81	0.000284809	110543 Hexane	0 30YrCancerDerived	*	0
854 ALL	486181.36	3674797.81	0.000265188	110543 Hexane	0 30YrCancerDerived	*	0
855 ALL	486202.2	3674797.81	0.000247048	110543 Hexane	0 30YrCancerDerived	*	0
856 ALL	486243.88	3674797.81	0.000229673	110543 Hexane	0 30YrCancerDerived	*	0
857 ALL	486264.72	3674797.81	0.000208944	110543 Hexane	0 30YrCancerDerived	*	0
858 ALL	486285.56	3674797.81	0.000197026	110543 Hexane	0 30YrCancerDerived	*	0
859 ALL	486306.4	3674797.81	0.000186594	110543 Hexane	0 30YrCancerDerived	*	0
860 ALL	486535.64	3674797.81	0.000223218	110543 Hexane	0 30YrCancerDerived	*	0
861 ALL	486556.48	3674797.81	0.000243224	110543 Hexane	0 30YrCancerDerived	*	0
862 ALL	485868.76	3674817.69	0.000185507	110543 Hexane	0 30YrCancerDerived	*	0
863 ALL	485889.6	3674817.69	0.000194244	110543 Hexane	0 30YrCancerDerived	*	0
864 ALL	485910.44	3674817.69	0.000201898	110543 Hexane	0 30YrCancerDerived	*	0
865 ALL	485931.28	3674817.69	0.000205237	110543 Hexane	0 30YrCancerDerived	*	0
866 ALL	485952.12	3674817.69	0.000208375	110543 Hexane	0 30YrCancerDerived	*	0
867 ALL	485972.96	3674817.69	0.000211765	110543 Hexane	0 30YrCancerDerived	*	0

868 ALL	486118.84	3674817.69	0.00027444	110543 Hexane	0 30YrCancerDerived	*	0
869 ALL	486139.68	3674817.69	0.000265123	110543 Hexane	0 30YrCancerDerived	*	0
870 ALL	486160.52	3674817.69	0.000269477	110543 Hexane	0 30YrCancerDerived	*	0
871 ALL	486181.36	3674817.69	0.000273516	110543 Hexane	0 30YrCancerDerived	*	0
872 ALL	486202.2	3674817.69	0.000275904	110543 Hexane	0 30YrCancerDerived	*	0
873 ALL	486223.04	3674817.69	0.000263615	110543 Hexane	0 30YrCancerDerived	*	0
874 ALL	486243.88	3674817.69	0.000230023	110543 Hexane	0 30YrCancerDerived	*	0
875 ALL	486264.72	3674817.69	0.000201273	110543 Hexane	0 30YrCancerDerived	*	0
876 ALL	486285.56	3674817.69	0.00018632	110543 Hexane	0 30YrCancerDerived	*	0
877 ALL	486306.4	3674817.69	0.000177847	110543 Hexane	0 30YrCancerDerived	*	0
878 ALL	485868.76	3674837.57	0.000179213	110543 Hexane	0 30YrCancerDerived	*	0
879 ALL	485889.6	3674837.57	0.000189329	110543 Hexane	0 30YrCancerDerived	*	0
880 ALL	485910.44	3674837.57	0.00019955	110543 Hexane	0 30YrCancerDerived	*	0
881 ALL	485931.28	3674837.57	0.000205108	110543 Hexane	0 30YrCancerDerived	*	0
882 ALL	485952.12	3674837.57	0.000211293	110543 Hexane	0 30YrCancerDerived	*	0
883 ALL	485972.96	3674837.57	0.000223968	110543 Hexane	0 30YrCancerDerived	*	0
884 ALL	485993.8	3674837.57	0.000238153	110543 Hexane	0 30YrCancerDerived	*	0
885 ALL	486014.64	3674837.57	0.000244365	110543 Hexane	0 30YrCancerDerived	*	0
886 ALL	486035.48	3674837.57	0.000249875	110543 Hexane	0 30YrCancerDerived	*	0
887 ALL	486077.16	3674837.57	0.000269856	110543 Hexane	0 30YrCancerDerived	*	0
888 ALL	486098	3674837.57	0.000250673	110543 Hexane	0 30YrCancerDerived	*	0
889 ALL	486118.84	3674837.57	0.000223664	110543 Hexane	0 30YrCancerDerived	*	0
890 ALL	486139.68	3674837.57	0.000222744	110543 Hexane	0 30YrCancerDerived	*	0
891 ALL	486160.52	3674837.57	0.00022156	110543 Hexane	0 30YrCancerDerived	*	0
892 ALL	486181.36	3674837.57	0.000223714	110543 Hexane	0 30YrCancerDerived	*	0
893 ALL	486202.2	3674837.57	0.000244843	110543 Hexane	0 30YrCancerDerived	*	0
894 ALL	486223.04	3674837.57	0.000244563	110543 Hexane	0 30YrCancerDerived	*	0
895 ALL	486243.88	3674837.57	0.000211881	110543 Hexane	0 30YrCancerDerived	*	0
896 ALL	486264.72	3674837.57	0.000186909	110543 Hexane	0 30YrCancerDerived	*	0
897 ALL	486285.56	3674837.57	0.000173779	110543 Hexane	0 30YrCancerDerived	*	0
898 ALL	486306.4	3674837.57	0.000168882	110543 Hexane	0 30YrCancerDerived	*	0
899 ALL	485722.88	3674857.45	0.000123473	110543 Hexane	0 30YrCancerDerived	*	0
900 ALL	485743.72	3674857.45	0.000133002	110543 Hexane	0 30YrCancerDerived	*	0
901 ALL	485764.56	3674857.45	0.000141284	110543 Hexane	0 30YrCancerDerived	*	0
902 ALL	485785.4	3674857.45	0.000147601	110543 Hexane	0 30YrCancerDerived	*	0

903 ALL	485806.24	3674857.45	0.000153392	110543 Hexane	0 30YrCancerDerived	*	0
904 ALL	485827.08	3674857.45	0.000158857	110543 Hexane	0 30YrCancerDerived	*	0
905 ALL	485847.92	3674857.45	0.000165204	110543 Hexane	0 30YrCancerDerived	*	0
906 ALL	485868.76	3674857.45	0.000172907	110543 Hexane	0 30YrCancerDerived	*	0
907 ALL	485889.6	3674857.45	0.000181873	110543 Hexane	0 30YrCancerDerived	*	0
908 ALL	485910.44	3674857.45	0.000192167	110543 Hexane	0 30YrCancerDerived	*	0
909 ALL	485931.28	3674857.45	0.00019871	110543 Hexane	0 30YrCancerDerived	*	0
910 ALL	485952.12	3674857.45	0.000204146	110543 Hexane	0 30YrCancerDerived	*	0
911 ALL	485972.96	3674857.45	0.000215868	110543 Hexane	0 30YrCancerDerived	*	0
912 ALL	485993.8	3674857.45	0.000231671	110543 Hexane	0 30YrCancerDerived	*	0
913 ALL	486014.64	3674857.45	0.000240381	110543 Hexane	0 30YrCancerDerived	*	0
914 ALL	486035.48	3674857.45	0.000251964	110543 Hexane	0 30YrCancerDerived	*	0
915 ALL	486056.32	3674857.45	0.00026586	110543 Hexane	0 30YrCancerDerived	*	0
916 ALL	486077.16	3674857.45	0.000255645	110543 Hexane	0 30YrCancerDerived	*	0
917 ALL	486098	3674857.45	0.000210252	110543 Hexane	0 30YrCancerDerived	*	0
918 ALL	486118.84	3674857.45	0.00018747	110543 Hexane	0 30YrCancerDerived	*	0
919 ALL	486139.68	3674857.45	0.000188306	110543 Hexane	0 30YrCancerDerived	*	0
920 ALL	486160.52	3674857.45	0.000190611	110543 Hexane	0 30YrCancerDerived	*	0
921 ALL	486181.36	3674857.45	0.000192732	110543 Hexane	0 30YrCancerDerived	*	0
922 ALL	486202.2	3674857.45	0.000214217	110543 Hexane	0 30YrCancerDerived	*	0
923 ALL	486223.04	3674857.45	0.000228401	110543 Hexane	0 30YrCancerDerived	*	0
924 ALL	486243.88	3674857.45	0.000203193	110543 Hexane	0 30YrCancerDerived	*	0
925 ALL	486264.72	3674857.45	0.000183344	110543 Hexane	0 30YrCancerDerived	*	0
926 ALL	486285.56	3674857.45	0.000170545	110543 Hexane	0 30YrCancerDerived	*	0
927 ALL	486306.4	3674857.45	0.000162516	110543 Hexane	0 30YrCancerDerived	*	0
928 ALL	485722.88	3674877.33	0.000119261	110543 Hexane	0 30YrCancerDerived	*	0
929 ALL	485743.72	3674877.33	0.000121344	110543 Hexane	0 30YrCancerDerived	*	0
930 ALL	485764.56	3674877.33	0.000126974	110543 Hexane	0 30YrCancerDerived	*	0
931 ALL	485827.08	3674877.33	0.000152429	110543 Hexane	0 30YrCancerDerived	*	0
932 ALL	485847.92	3674877.33	0.000158995	110543 Hexane	0 30YrCancerDerived	*	0
933 ALL	485868.76	3674877.33	0.000166392	110543 Hexane	0 30YrCancerDerived	*	0
934 ALL	485889.6	3674877.33	0.000175239	110543 Hexane	0 30YrCancerDerived	*	0
935 ALL	485910.44	3674877.33	0.000184036	110543 Hexane	0 30YrCancerDerived	*	0
936 ALL	485931.28	3674877.33	0.000191762	110543 Hexane	0 30YrCancerDerived	*	0
937 ALL	485952.12	3674877.33	0.00019862	110543 Hexane	0 30YrCancerDerived	*	0

938 ALL	485972.96	3674877.33	0.000208517	110543 Hexane	0 30YrCancerDerived	*	0
939 ALL	485993.8	3674877.33	0.000208164	110543 Hexane	0 30YrCancerDerived	*	0
940 ALL	486014.64	3674877.33	0.000212214	110543 Hexane	0 30YrCancerDerived	*	0
941 ALL	486035.48	3674877.33	0.000233226	110543 Hexane	0 30YrCancerDerived	*	0
942 ALL	486056.32	3674877.33	0.000257126	110543 Hexane	0 30YrCancerDerived	*	0
943 ALL	486077.16	3674877.33	0.000236784	110543 Hexane	0 30YrCancerDerived	*	0
944 ALL	486098	3674877.33	0.000187546	110543 Hexane	0 30YrCancerDerived	*	0
945 ALL	486118.84	3674877.33	0.000169429	110543 Hexane	0 30YrCancerDerived	*	0
946 ALL	486139.68	3674877.33	0.00016898	110543 Hexane	0 30YrCancerDerived	*	0
947 ALL	486160.52	3674877.33	0.000172324	110543 Hexane	0 30YrCancerDerived	*	0
948 ALL	486181.36	3674877.33	0.0001801	110543 Hexane	0 30YrCancerDerived	*	0
949 ALL	486202.2	3674877.33	0.000194157	110543 Hexane	0 30YrCancerDerived	*	0
950 ALL	486223.04	3674877.33	0.000204664	110543 Hexane	0 30YrCancerDerived	*	0
951 ALL	486243.88	3674877.33	0.000192296	110543 Hexane	0 30YrCancerDerived	*	0
952 ALL	486264.72	3674877.33	0.000177768	110543 Hexane	0 30YrCancerDerived	*	0
953 ALL	486285.56	3674877.33	0.000168356	110543 Hexane	0 30YrCancerDerived	*	0
954 ALL	486306.4	3674877.33	0.000162032	110543 Hexane	0 30YrCancerDerived	*	0
955 ALL	485743.72	3674897.21	0.000113562	110543 Hexane	0 30YrCancerDerived	*	0
956 ALL	485847.92	3674897.21	0.00015182	110543 Hexane	0 30YrCancerDerived	*	0
957 ALL	485868.76	3674897.21	0.000160331	110543 Hexane	0 30YrCancerDerived	*	0
958 ALL	485889.6	3674897.21	0.000169491	110543 Hexane	0 30YrCancerDerived	*	0
959 ALL	485910.44	3674897.21	0.000178735	110543 Hexane	0 30YrCancerDerived	*	0
960 ALL	485931.28	3674897.21	0.000186449	110543 Hexane	0 30YrCancerDerived	*	0
961 ALL	485952.12	3674897.21	0.000194621	110543 Hexane	0 30YrCancerDerived	*	0
962 ALL	485972.96	3674897.21	0.000201777	110543 Hexane	0 30YrCancerDerived	*	0
963 ALL	485993.8	3674897.21	0.000192868	110543 Hexane	0 30YrCancerDerived	*	0
964 ALL	486014.64	3674897.21	0.000196508	110543 Hexane	0 30YrCancerDerived	*	0
965 ALL	486035.48	3674897.21	0.000216333	110543 Hexane	0 30YrCancerDerived	*	0
966 ALL	486056.32	3674897.21	0.00025048	110543 Hexane	0 30YrCancerDerived	*	0
967 ALL	486077.16	3674897.21	0.000226094	110543 Hexane	0 30YrCancerDerived	*	0
968 ALL	486098	3674897.21	0.000183629	110543 Hexane	0 30YrCancerDerived	*	0
969 ALL	486118.84	3674897.21	0.000166894	110543 Hexane	0 30YrCancerDerived	*	0
970 ALL	486139.68	3674897.21	0.000158774	110543 Hexane	0 30YrCancerDerived	*	0
971 ALL	486160.52	3674897.21	0.000160347	110543 Hexane	0 30YrCancerDerived	*	0
972 ALL	486181.36	3674897.21	0.00016562	110543 Hexane	0 30YrCancerDerived	*	0

973 ALL	486202.2	3674897.21	0.000180151	110543 Hexane	0 30YrCancerDerived	*	0
974 ALL	486223.04	3674897.21	0.000188315	110543 Hexane	0 30YrCancerDerived	*	0
975 ALL	486243.88	3674897.21	0.000186923	110543 Hexane	0 30YrCancerDerived	*	0
976 ALL	486264.72	3674897.21	0.000172984	110543 Hexane	0 30YrCancerDerived	*	0
977 ALL	486285.56	3674897.21	0.00016417	110543 Hexane	0 30YrCancerDerived	*	0
978 ALL	486306.4	3674897.21	0.000159746	110543 Hexane	0 30YrCancerDerived	*	0
979 ALL	486327.24	3674897.21	0.000158821	110543 Hexane	0 30YrCancerDerived	*	0
980 ALL	485847.92	3674917.09	0.000144036	110543 Hexane	0 30YrCancerDerived	*	0
981 ALL	485868.76	3674917.09	0.000153549	110543 Hexane	0 30YrCancerDerived	*	0
982 ALL	485889.6	3674917.09	0.000164594	110543 Hexane	0 30YrCancerDerived	*	0
983 ALL	485910.44	3674917.09	0.000174918	110543 Hexane	0 30YrCancerDerived	*	0
984 ALL	485931.28	3674917.09	0.000181887	110543 Hexane	0 30YrCancerDerived	*	0
985 ALL	485952.12	3674917.09	0.00018748	110543 Hexane	0 30YrCancerDerived	*	0
986 ALL	485972.96	3674917.09	0.000185328	110543 Hexane	0 30YrCancerDerived	*	0
987 ALL	485993.8	3674917.09	0.000180163	110543 Hexane	0 30YrCancerDerived	*	0
988 ALL	486014.64	3674917.09	0.000181738	110543 Hexane	0 30YrCancerDerived	*	0
989 ALL	486035.48	3674917.09	0.000204978	110543 Hexane	0 30YrCancerDerived	*	0
990 ALL	486056.32	3674917.09	0.000229363	110543 Hexane	0 30YrCancerDerived	*	0
991 ALL	486077.16	3674917.09	0.000221312	110543 Hexane	0 30YrCancerDerived	*	0
992 ALL	486098	3674917.09	0.000189934	110543 Hexane	0 30YrCancerDerived	*	0
993 ALL	486118.84	3674917.09	0.000172338	110543 Hexane	0 30YrCancerDerived	*	0
994 ALL	486139.68	3674917.09	0.000159788	110543 Hexane	0 30YrCancerDerived	*	0
995 ALL	486160.52	3674917.09	0.000154374	110543 Hexane	0 30YrCancerDerived	*	0
996 ALL	486181.36	3674917.09	0.000153236	110543 Hexane	0 30YrCancerDerived	*	0
997 ALL	486202.2	3674917.09	0.000164958	110543 Hexane	0 30YrCancerDerived	*	0
998 ALL	486223.04	3674917.09	0.000176692	110543 Hexane	0 30YrCancerDerived	*	0
999 ALL	486243.88	3674917.09	0.000180281	110543 Hexane	0 30YrCancerDerived	*	0
1000 ALL	486264.72	3674917.09	0.000172684	110543 Hexane	0 30YrCancerDerived	*	0
1001 ALL	486285.56	3674917.09	0.000166653	110543 Hexane	0 30YrCancerDerived	*	0
1002 ALL	486306.4	3674917.09	0.000162082	110543 Hexane	0 30YrCancerDerived	*	0
1003 ALL	486327.24	3674917.09	0.000159611	110543 Hexane	0 30YrCancerDerived	*	0
1004 ALL	485868.76	3674936.97	0.000147519	110543 Hexane	0 30YrCancerDerived	*	0
1005 ALL	485889.6	3674936.97	0.000159312	110543 Hexane	0 30YrCancerDerived	*	0
1006 ALL	485910.44	3674936.97	0.000169864	110543 Hexane	0 30YrCancerDerived	*	0
1007 ALL	485931.28	3674936.97	0.000176855	110543 Hexane	0 30YrCancerDerived	*	0

1008 ALL	485952.12	3674936.97	0.000181431	110543 Hexane	0 30YrCancerDerived	*	0
1009 ALL	485972.96	3674936.97	0.000178405	110543 Hexane	0 30YrCancerDerived	*	0
1010 ALL	485993.8	3674936.97	0.000175495	110543 Hexane	0 30YrCancerDerived	*	0
1011 ALL	486014.64	3674936.97	0.000174266	110543 Hexane	0 30YrCancerDerived	*	0
1012 ALL	486035.48	3674936.97	0.000190808	110543 Hexane	0 30YrCancerDerived	*	0
1013 ALL	486056.32	3674936.97	0.000211446	110543 Hexane	0 30YrCancerDerived	*	0
1014 ALL	486077.16	3674936.97	0.000207152	110543 Hexane	0 30YrCancerDerived	*	0
1015 ALL	486098	3674936.97	0.000191506	110543 Hexane	0 30YrCancerDerived	*	0
1016 ALL	486118.84	3674936.97	0.000176035	110543 Hexane	0 30YrCancerDerived	*	0
1017 ALL	486139.68	3674936.97	0.000162652	110543 Hexane	0 30YrCancerDerived	*	0
1018 ALL	486160.52	3674936.97	0.000155786	110543 Hexane	0 30YrCancerDerived	*	0
1019 ALL	486181.36	3674936.97	0.000152732	110543 Hexane	0 30YrCancerDerived	*	0
1020 ALL	486202.2	3674936.97	0.000155739	110543 Hexane	0 30YrCancerDerived	*	0
1021 ALL	486223.04	3674936.97	0.000166969	110543 Hexane	0 30YrCancerDerived	*	0
1022 ALL	486243.88	3674936.97	0.000173299	110543 Hexane	0 30YrCancerDerived	*	0
1023 ALL	486264.72	3674936.97	0.00017337	110543 Hexane	0 30YrCancerDerived	*	0
1024 ALL	486285.56	3674936.97	0.00016918	110543 Hexane	0 30YrCancerDerived	*	0
1025 ALL	486306.4	3674936.97	0.000166338	110543 Hexane	0 30YrCancerDerived	*	0
1026 ALL	486327.24	3674936.97	0.000162151	110543 Hexane	0 30YrCancerDerived	*	0
1027 ALL	486348.08	3674936.97	0.000160536	110543 Hexane	0 30YrCancerDerived	*	0
1028 ALL	485889.6	3674956.85	0.000155665	110543 Hexane	0 30YrCancerDerived	*	0
1029 ALL	485910.44	3674956.85	0.000165121	110543 Hexane	0 30YrCancerDerived	*	0
1030 ALL	485931.28	3674956.85	0.000172289	110543 Hexane	0 30YrCancerDerived	*	0
1031 ALL	485952.12	3674956.85	0.000177884	110543 Hexane	0 30YrCancerDerived	*	0
1032 ALL	485972.96	3674956.85	0.00017755	110543 Hexane	0 30YrCancerDerived	*	0
1033 ALL	485993.8	3674956.85	0.000173216	110543 Hexane	0 30YrCancerDerived	*	0
1034 ALL	486014.64	3674956.85	0.000170281	110543 Hexane	0 30YrCancerDerived	*	0
1035 ALL	486035.48	3674956.85	0.000181145	110543 Hexane	0 30YrCancerDerived	*	0
1036 ALL	486056.32	3674956.85	0.000198113	110543 Hexane	0 30YrCancerDerived	*	0
1037 ALL	486077.16	3674956.85	0.000198292	110543 Hexane	0 30YrCancerDerived	*	0
1038 ALL	486098	3674956.85	0.000185002	110543 Hexane	0 30YrCancerDerived	*	0
1039 ALL	486118.84	3674956.85	0.000175848	110543 Hexane	0 30YrCancerDerived	*	0
1040 ALL	486139.68	3674956.85	0.000167003	110543 Hexane	0 30YrCancerDerived	*	0
1041 ALL	486160.52	3674956.85	0.000159938	110543 Hexane	0 30YrCancerDerived	*	0
1042 ALL	486181.36	3674956.85	0.000155046	110543 Hexane	0 30YrCancerDerived	*	0

1043	ALL	486202.2	3674956.85	0.000154143	110543	Hexane	0	30YrCancerDerived	*	0
1044	ALL	486223.04	3674956.85	0.000159837	110543	Hexane	0	30YrCancerDerived	*	0
1045	ALL	486243.88	3674956.85	0.000167095	110543	Hexane	0	30YrCancerDerived	*	0
1046	ALL	486264.72	3674956.85	0.000168052	110543	Hexane	0	30YrCancerDerived	*	0
1047	ALL	486285.56	3674956.85	0.000167253	110543	Hexane	0	30YrCancerDerived	*	0
1048	ALL	486306.4	3674956.85	0.00016579	110543	Hexane	0	30YrCancerDerived	*	0
1049	ALL	486327.24	3674956.85	0.000164212	110543	Hexane	0	30YrCancerDerived	*	0
1050	ALL	486348.08	3674956.85	0.000164894	110543	Hexane	0	30YrCancerDerived	*	0
1051	ALL	486368.92	3674956.85	0.000168695	110543	Hexane	0	30YrCancerDerived	*	0
1052	ALL	485889.6	3674976.73	0.000155716	110543	Hexane	0	30YrCancerDerived	*	0
1053	ALL	485910.44	3674976.73	0.000164752	110543	Hexane	0	30YrCancerDerived	*	0
1054	ALL	485931.28	3674976.73	0.000171492	110543	Hexane	0	30YrCancerDerived	*	0
1055	ALL	485952.12	3674976.73	0.000185119	110543	Hexane	0	30YrCancerDerived	*	0
1056	ALL	485972.96	3674976.73	0.000181982	110543	Hexane	0	30YrCancerDerived	*	0
1057	ALL	485993.8	3674976.73	0.000172701	110543	Hexane	0	30YrCancerDerived	*	0
1058	ALL	486014.64	3674976.73	0.00016834	110543	Hexane	0	30YrCancerDerived	*	0
1059	ALL	486035.48	3674976.73	0.000176379	110543	Hexane	0	30YrCancerDerived	*	0
1060	ALL	486056.32	3674976.73	0.000189218	110543	Hexane	0	30YrCancerDerived	*	0
1061	ALL	486077.16	3674976.73	0.00019465	110543	Hexane	0	30YrCancerDerived	*	0
1062	ALL	486098	3674976.73	0.000189912	110543	Hexane	0	30YrCancerDerived	*	0
1063	ALL	486118.84	3674976.73	0.000186104	110543	Hexane	0	30YrCancerDerived	*	0
1064	ALL	486139.68	3674976.73	0.000175903	110543	Hexane	0	30YrCancerDerived	*	0
1065	ALL	486160.52	3674976.73	0.000164067	110543	Hexane	0	30YrCancerDerived	*	0
1066	ALL	486181.36	3674976.73	0.000156349	110543	Hexane	0	30YrCancerDerived	*	0
1067	ALL	486202.2	3674976.73	0.000154047	110543	Hexane	0	30YrCancerDerived	*	0
1068	ALL	486223.04	3674976.73	0.000157533	110543	Hexane	0	30YrCancerDerived	*	0
1069	ALL	486243.88	3674976.73	0.000162873	110543	Hexane	0	30YrCancerDerived	*	0
1070	ALL	486264.72	3674976.73	0.000163527	110543	Hexane	0	30YrCancerDerived	*	0
1071	ALL	486285.56	3674976.73	0.000164584	110543	Hexane	0	30YrCancerDerived	*	0
1072	ALL	486306.4	3674976.73	0.000166243	110543	Hexane	0	30YrCancerDerived	*	0
1073	ALL	486327.24	3674976.73	0.000170569	110543	Hexane	0	30YrCancerDerived	*	0
1074	ALL	486348.08	3674976.73	0.000172782	110543	Hexane	0	30YrCancerDerived	*	0
1075	ALL	486368.92	3674976.73	0.000175595	110543	Hexane	0	30YrCancerDerived	*	0
1076	ALL	486389.76	3674976.73	0.000181498	110543	Hexane	0	30YrCancerDerived	*	0
1077	ALL	486410.6	3674976.73	0.000189462	110543	Hexane	0	30YrCancerDerived	*	0

1078 ALL	486431.44	3674976.73	0.000195082	110543 Hexane	0 30YrCancerDerived	*	0
1079 ALL	485889.6	3674996.61	0.000154355	110543 Hexane	0 30YrCancerDerived	*	0
1080 ALL	485910.44	3674996.61	0.000173499	110543 Hexane	0 30YrCancerDerived	*	0
1081 ALL	485931.28	3674996.61	0.000185474	110543 Hexane	0 30YrCancerDerived	*	0
1082 ALL	485952.12	3674996.61	0.000202346	110543 Hexane	0 30YrCancerDerived	*	0
1083 ALL	485972.96	3674996.61	0.000182946	110543 Hexane	0 30YrCancerDerived	*	0
1084 ALL	485993.8	3674996.61	0.000169754	110543 Hexane	0 30YrCancerDerived	*	0
1085 ALL	486014.64	3674996.61	0.000163758	110543 Hexane	0 30YrCancerDerived	*	0
1086 ALL	486035.48	3674996.61	0.000168094	110543 Hexane	0 30YrCancerDerived	*	0
1087 ALL	486056.32	3674996.61	0.000181582	110543 Hexane	0 30YrCancerDerived	*	0
1088 ALL	486077.16	3674996.61	0.000186979	110543 Hexane	0 30YrCancerDerived	*	0
1089 ALL	486098	3674996.61	0.000192046	110543 Hexane	0 30YrCancerDerived	*	0
1090 ALL	486118.84	3674996.61	0.000191736	110543 Hexane	0 30YrCancerDerived	*	0
1091 ALL	486139.68	3674996.61	0.000178224	110543 Hexane	0 30YrCancerDerived	*	0
1092 ALL	486160.52	3674996.61	0.000166426	110543 Hexane	0 30YrCancerDerived	*	0
1093 ALL	486181.36	3674996.61	0.000159825	110543 Hexane	0 30YrCancerDerived	*	0
1094 ALL	486202.2	3674996.61	0.0001558	110543 Hexane	0 30YrCancerDerived	*	0
1095 ALL	486223.04	3674996.61	0.000157832	110543 Hexane	0 30YrCancerDerived	*	0
1096 ALL	486243.88	3674996.61	0.000161321	110543 Hexane	0 30YrCancerDerived	*	0
1097 ALL	486264.72	3674996.61	0.000162079	110543 Hexane	0 30YrCancerDerived	*	0
1098 ALL	486285.56	3674996.61	0.000161669	110543 Hexane	0 30YrCancerDerived	*	0
1099 ALL	486306.4	3674996.61	0.000166498	110543 Hexane	0 30YrCancerDerived	*	0
1100 ALL	486327.24	3674996.61	0.000173037	110543 Hexane	0 30YrCancerDerived	*	0
1101 ALL	486348.08	3674996.61	0.000180418	110543 Hexane	0 30YrCancerDerived	*	0
1102 ALL	486368.92	3674996.61	0.000184712	110543 Hexane	0 30YrCancerDerived	*	0
1103 ALL	486389.76	3674996.61	0.000187927	110543 Hexane	0 30YrCancerDerived	*	0
1104 ALL	486410.6	3674996.61	0.000199649	110543 Hexane	0 30YrCancerDerived	*	0
1105 ALL	486431.44	3674996.61	0.000211616	110543 Hexane	0 30YrCancerDerived	*	0
1106 ALL	486452.28	3674996.61	0.000226164	110543 Hexane	0 30YrCancerDerived	*	0
1107 ALL	486473.12	3674996.61	0.000232689	110543 Hexane	0 30YrCancerDerived	*	0
1108 ALL	486493.96	3674996.61	0.000234163	110543 Hexane	0 30YrCancerDerived	*	0
1109 ALL	486514.8	3674996.61	0.00023735	110543 Hexane	0 30YrCancerDerived	*	0
1110 ALL	485889.6	3675016.49	0.000150195	110543 Hexane	0 30YrCancerDerived	*	0
1111 ALL	485910.44	3675016.49	0.000176103	110543 Hexane	0 30YrCancerDerived	*	0
1112 ALL	485931.28	3675016.49	0.000194399	110543 Hexane	0 30YrCancerDerived	*	0

1113 ALL	485952.12	3675016.49	0.000209778	110543 Hexane	0 30YrCancerDerived	*	0
1114 ALL	485972.96	3675016.49	0.000185769	110543 Hexane	0 30YrCancerDerived	*	0
1115 ALL	485993.8	3675016.49	0.00016872	110543 Hexane	0 30YrCancerDerived	*	0
1116 ALL	486014.64	3675016.49	0.000160797	110543 Hexane	0 30YrCancerDerived	*	0
1117 ALL	486035.48	3675016.49	0.000160047	110543 Hexane	0 30YrCancerDerived	*	0
1118 ALL	486056.32	3675016.49	0.000165807	110543 Hexane	0 30YrCancerDerived	*	0
1119 ALL	486077.16	3675016.49	0.000174938	110543 Hexane	0 30YrCancerDerived	*	0
1120 ALL	486098	3675016.49	0.000183199	110543 Hexane	0 30YrCancerDerived	*	0
1121 ALL	486118.84	3675016.49	0.000179497	110543 Hexane	0 30YrCancerDerived	*	0
1122 ALL	486139.68	3675016.49	0.000175738	110543 Hexane	0 30YrCancerDerived	*	0
1123 ALL	486160.52	3675016.49	0.000172789	110543 Hexane	0 30YrCancerDerived	*	0
1124 ALL	486181.36	3675016.49	0.000165149	110543 Hexane	0 30YrCancerDerived	*	0
1125 ALL	486202.2	3675016.49	0.000162668	110543 Hexane	0 30YrCancerDerived	*	0
1126 ALL	486223.04	3675016.49	0.000160036	110543 Hexane	0 30YrCancerDerived	*	0
1127 ALL	486243.88	3675016.49	0.000160207	110543 Hexane	0 30YrCancerDerived	*	0
1128 ALL	486264.72	3675016.49	0.00016053	110543 Hexane	0 30YrCancerDerived	*	0
1129 ALL	486285.56	3675016.49	0.000159576	110543 Hexane	0 30YrCancerDerived	*	0
1130 ALL	486306.4	3675016.49	0.00016251	110543 Hexane	0 30YrCancerDerived	*	0
1131 ALL	486327.24	3675016.49	0.000171453	110543 Hexane	0 30YrCancerDerived	*	0
1132 ALL	486348.08	3675016.49	0.000183834	110543 Hexane	0 30YrCancerDerived	*	0
1133 ALL	486368.92	3675016.49	0.000199079	110543 Hexane	0 30YrCancerDerived	*	0
1134 ALL	486389.76	3675016.49	0.000204884	110543 Hexane	0 30YrCancerDerived	*	0
1135 ALL	486410.6	3675016.49	0.000213346	110543 Hexane	0 30YrCancerDerived	*	0
1136 ALL	486431.44	3675016.49	0.000236274	110543 Hexane	0 30YrCancerDerived	*	0
1137 ALL	486452.28	3675016.49	0.000261445	110543 Hexane	0 30YrCancerDerived	*	0
1138 ALL	486473.12	3675016.49	0.000274755	110543 Hexane	0 30YrCancerDerived	*	0
1139 ALL	486493.96	3675016.49	0.000282183	110543 Hexane	0 30YrCancerDerived	*	0
1140 ALL	486514.8	3675016.49	0.000290298	110543 Hexane	0 30YrCancerDerived	*	0
1141 ALL	485889.6	3675036.37	0.000149444	110543 Hexane	0 30YrCancerDerived	*	0
1142 ALL	485910.44	3675036.37	0.000175681	110543 Hexane	0 30YrCancerDerived	*	0
1143 ALL	485931.28	3675036.37	0.000195512	110543 Hexane	0 30YrCancerDerived	*	0
1144 ALL	485952.12	3675036.37	0.000234285	110543 Hexane	0 30YrCancerDerived	*	0
1145 ALL	485972.96	3675036.37	0.000199683	110543 Hexane	0 30YrCancerDerived	*	0
1146 ALL	485993.8	3675036.37	0.000172894	110543 Hexane	0 30YrCancerDerived	*	0
1147 ALL	486014.64	3675036.37	0.000165084	110543 Hexane	0 30YrCancerDerived	*	0

1148 ALL	486035.48	3675036.37	0.000159888	110543 Hexane	0 30YrCancerDerived	*	0
1149 ALL	486056.32	3675036.37	0.000160664	110543 Hexane	0 30YrCancerDerived	*	0
1150 ALL	486077.16	3675036.37	0.000165629	110543 Hexane	0 30YrCancerDerived	*	0
1151 ALL	486098	3675036.37	0.000170794	110543 Hexane	0 30YrCancerDerived	*	0
1152 ALL	486118.84	3675036.37	0.000170744	110543 Hexane	0 30YrCancerDerived	*	0
1153 ALL	486139.68	3675036.37	0.000166518	110543 Hexane	0 30YrCancerDerived	*	0
1154 ALL	486160.52	3675036.37	0.000167433	110543 Hexane	0 30YrCancerDerived	*	0
1155 ALL	486181.36	3675036.37	0.000165241	110543 Hexane	0 30YrCancerDerived	*	0
1156 ALL	486202.2	3675036.37	0.000160851	110543 Hexane	0 30YrCancerDerived	*	0
1157 ALL	486223.04	3675036.37	0.000157999	110543 Hexane	0 30YrCancerDerived	*	0
1158 ALL	486243.88	3675036.37	0.000159264	110543 Hexane	0 30YrCancerDerived	*	0
1159 ALL	486264.72	3675036.37	0.000161655	110543 Hexane	0 30YrCancerDerived	*	0
1160 ALL	486285.56	3675036.37	0.000162799	110543 Hexane	0 30YrCancerDerived	*	0
1161 ALL	486306.4	3675036.37	0.000165377	110543 Hexane	0 30YrCancerDerived	*	0
1162 ALL	486327.24	3675036.37	0.000174248	110543 Hexane	0 30YrCancerDerived	*	0
1163 ALL	486348.08	3675036.37	0.000189452	110543 Hexane	0 30YrCancerDerived	*	0
1164 ALL	486368.92	3675036.37	0.000214293	110543 Hexane	0 30YrCancerDerived	*	0
1165 ALL	486389.76	3675036.37	0.000237676	110543 Hexane	0 30YrCancerDerived	*	0
1166 ALL	486410.6	3675036.37	0.000249382	110543 Hexane	0 30YrCancerDerived	*	0
1167 ALL	486431.44	3675036.37	0.000277559	110543 Hexane	0 30YrCancerDerived	*	0
1168 ALL	486452.28	3675036.37	0.000299101	110543 Hexane	0 30YrCancerDerived	*	0
1169 ALL	486473.12	3675036.37	0.000313359	110543 Hexane	0 30YrCancerDerived	*	0
1170 ALL	486493.96	3675036.37	0.000332986	110543 Hexane	0 30YrCancerDerived	*	0
1171 ALL	486514.8	3675036.37	0.000349432	110543 Hexane	0 30YrCancerDerived	*	0
1172 ALL	485889.6	3675056.25	0.000151817	110543 Hexane	0 30YrCancerDerived	*	0
1173 ALL	485910.44	3675056.25	0.000178973	110543 Hexane	0 30YrCancerDerived	*	0
1174 ALL	485931.28	3675056.25	0.00021481	110543 Hexane	0 30YrCancerDerived	*	0
1175 ALL	485952.12	3675056.25	0.000249736	110543 Hexane	0 30YrCancerDerived	*	0
1176 ALL	485972.96	3675056.25	0.000225524	110543 Hexane	0 30YrCancerDerived	*	0
1177 ALL	485993.8	3675056.25	0.000188518	110543 Hexane	0 30YrCancerDerived	*	0
1178 ALL	486014.64	3675056.25	0.00017558	110543 Hexane	0 30YrCancerDerived	*	0
1179 ALL	486035.48	3675056.25	0.000164157	110543 Hexane	0 30YrCancerDerived	*	0
1180 ALL	486056.32	3675056.25	0.000162335	110543 Hexane	0 30YrCancerDerived	*	0
1181 ALL	486077.16	3675056.25	0.00015967	110543 Hexane	0 30YrCancerDerived	*	0
1182 ALL	486098	3675056.25	0.000160108	110543 Hexane	0 30YrCancerDerived	*	0

1183 ALL	486118.84	3675056.25	0.00016157	110543 Hexane	0 30YrCancerDerived	*	0
1184 ALL	486139.68	3675056.25	0.000158147	110543 Hexane	0 30YrCancerDerived	*	0
1185 ALL	486160.52	3675056.25	0.000156823	110543 Hexane	0 30YrCancerDerived	*	0
1186 ALL	486181.36	3675056.25	0.0001594	110543 Hexane	0 30YrCancerDerived	*	0
1187 ALL	486202.2	3675056.25	0.000155769	110543 Hexane	0 30YrCancerDerived	*	0
1188 ALL	486223.04	3675056.25	0.00015528	110543 Hexane	0 30YrCancerDerived	*	0
1189 ALL	486243.88	3675056.25	0.000159342	110543 Hexane	0 30YrCancerDerived	*	0
1190 ALL	486264.72	3675056.25	0.000164963	110543 Hexane	0 30YrCancerDerived	*	0
1191 ALL	486285.56	3675056.25	0.000170091	110543 Hexane	0 30YrCancerDerived	*	0
1192 ALL	486306.4	3675056.25	0.000175251	110543 Hexane	0 30YrCancerDerived	*	0
1193 ALL	486327.24	3675056.25	0.000184398	110543 Hexane	0 30YrCancerDerived	*	0
1194 ALL	486348.08	3675056.25	0.000206682	110543 Hexane	0 30YrCancerDerived	*	0
1195 ALL	486368.92	3675056.25	0.000234486	110543 Hexane	0 30YrCancerDerived	*	0
1196 ALL	486389.76	3675056.25	0.000251475	110543 Hexane	0 30YrCancerDerived	*	0
1197 ALL	486410.6	3675056.25	0.000260531	110543 Hexane	0 30YrCancerDerived	*	0
1198 ALL	486431.44	3675056.25	0.000279337	110543 Hexane	0 30YrCancerDerived	*	0
1199 ALL	486452.28	3675056.25	0.000294971	110543 Hexane	0 30YrCancerDerived	*	0
1200 ALL	486473.12	3675056.25	0.000311764	110543 Hexane	0 30YrCancerDerived	*	0
1201 ALL	486493.96	3675056.25	0.000342707	110543 Hexane	0 30YrCancerDerived	*	0
1202 ALL	486514.8	3675056.25	0.000377818	110543 Hexane	0 30YrCancerDerived	*	0
1203 ALL	485889.6	3675076.13	0.000155693	110543 Hexane	0 30YrCancerDerived	*	0
1204 ALL	485910.44	3675076.13	0.000180277	110543 Hexane	0 30YrCancerDerived	*	0
1205 ALL	485931.28	3675076.13	0.00022232	110543 Hexane	0 30YrCancerDerived	*	0
1206 ALL	485952.12	3675076.13	0.000264881	110543 Hexane	0 30YrCancerDerived	*	0
1207 ALL	485972.96	3675076.13	0.000220698	110543 Hexane	0 30YrCancerDerived	*	0
1208 ALL	485993.8	3675076.13	0.000181214	110543 Hexane	0 30YrCancerDerived	*	0
1209 ALL	486014.64	3675076.13	0.000170866	110543 Hexane	0 30YrCancerDerived	*	0
1210 ALL	486035.48	3675076.13	0.000167887	110543 Hexane	0 30YrCancerDerived	*	0
1211 ALL	486056.32	3675076.13	0.000164312	110543 Hexane	0 30YrCancerDerived	*	0
1212 ALL	486077.16	3675076.13	0.000160017	110543 Hexane	0 30YrCancerDerived	*	0
1213 ALL	486098	3675076.13	0.000153394	110543 Hexane	0 30YrCancerDerived	*	0
1214 ALL	486118.84	3675076.13	0.000151946	110543 Hexane	0 30YrCancerDerived	*	0
1215 ALL	486139.68	3675076.13	0.000150329	110543 Hexane	0 30YrCancerDerived	*	0
1216 ALL	486160.52	3675076.13	0.000147148	110543 Hexane	0 30YrCancerDerived	*	0
1217 ALL	486181.36	3675076.13	0.00014863	110543 Hexane	0 30YrCancerDerived	*	0

1218	ALL	486202.2	3675076.13	0.000151145	110543	Hexane	0	30YrCancerDerived	*	0
1219	ALL	486223.04	3675076.13	0.000153793	110543	Hexane	0	30YrCancerDerived	*	0
1220	ALL	486243.88	3675076.13	0.000160011	110543	Hexane	0	30YrCancerDerived	*	0
1221	ALL	486264.72	3675076.13	0.000167877	110543	Hexane	0	30YrCancerDerived	*	0
1222	ALL	486285.56	3675076.13	0.000177631	110543	Hexane	0	30YrCancerDerived	*	0
1223	ALL	486306.4	3675076.13	0.000189473	110543	Hexane	0	30YrCancerDerived	*	0
1224	ALL	486327.24	3675076.13	0.000201463	110543	Hexane	0	30YrCancerDerived	*	0
1225	ALL	486348.08	3675076.13	0.000217353	110543	Hexane	0	30YrCancerDerived	*	0
1226	ALL	486368.92	3675076.13	0.000221652	110543	Hexane	0	30YrCancerDerived	*	0
1227	ALL	486389.76	3675076.13	0.000227187	110543	Hexane	0	30YrCancerDerived	*	0
1228	ALL	486410.6	3675076.13	0.000234442	110543	Hexane	0	30YrCancerDerived	*	0
1229	ALL	486431.44	3675076.13	0.000245067	110543	Hexane	0	30YrCancerDerived	*	0
1230	ALL	486452.28	3675076.13	0.000258394	110543	Hexane	0	30YrCancerDerived	*	0
1231	ALL	486473.12	3675076.13	0.000274108	110543	Hexane	0	30YrCancerDerived	*	0
1232	ALL	486493.96	3675076.13	0.000295521	110543	Hexane	0	30YrCancerDerived	*	0
1233	ALL	486514.8	3675076.13	0.000324143	110543	Hexane	0	30YrCancerDerived	*	0
1234	ALL	485889.6	3675096.01	0.000155351	110543	Hexane	0	30YrCancerDerived	*	0
1235	ALL	485910.44	3675096.01	0.000184279	110543	Hexane	0	30YrCancerDerived	*	0
1236	ALL	485931.28	3675096.01	0.000240789	110543	Hexane	0	30YrCancerDerived	*	0
1237	ALL	485952.12	3675096.01	0.000300751	110543	Hexane	0	30YrCancerDerived	*	0
1238	ALL	485972.96	3675096.01	0.000238077	110543	Hexane	0	30YrCancerDerived	*	0
1239	ALL	485993.8	3675096.01	0.000185999	110543	Hexane	0	30YrCancerDerived	*	0
1240	ALL	486014.64	3675096.01	0.0001725	110543	Hexane	0	30YrCancerDerived	*	0
1241	ALL	486035.48	3675096.01	0.000173274	110543	Hexane	0	30YrCancerDerived	*	0
1242	ALL	486056.32	3675096.01	0.00017475	110543	Hexane	0	30YrCancerDerived	*	0
1243	ALL	486077.16	3675096.01	0.000172743	110543	Hexane	0	30YrCancerDerived	*	0
1244	ALL	486098	3675096.01	0.000161209	110543	Hexane	0	30YrCancerDerived	*	0
1245	ALL	486118.84	3675096.01	0.000148516	110543	Hexane	0	30YrCancerDerived	*	0
1246	ALL	486139.68	3675096.01	0.000144144	110543	Hexane	0	30YrCancerDerived	*	0
1247	ALL	486160.52	3675096.01	0.000141924	110543	Hexane	0	30YrCancerDerived	*	0
1248	ALL	486181.36	3675096.01	0.000143491	110543	Hexane	0	30YrCancerDerived	*	0
1249	ALL	486202.2	3675096.01	0.000146977	110543	Hexane	0	30YrCancerDerived	*	0
1250	ALL	486223.04	3675096.01	0.000153028	110543	Hexane	0	30YrCancerDerived	*	0
1251	ALL	486243.88	3675096.01	0.000161282	110543	Hexane	0	30YrCancerDerived	*	0
1252	ALL	486264.72	3675096.01	0.000171302	110543	Hexane	0	30YrCancerDerived	*	0

1253 ALL	486285.56	3675096.01	0.000183423	110543 Hexane	0 30YrCancerDerived	*	0
1254 ALL	486306.4	3675096.01	0.00019659	110543 Hexane	0 30YrCancerDerived	*	0
1255 ALL	486327.24	3675096.01	0.000198607	110543 Hexane	0 30YrCancerDerived	*	0
1256 ALL	486348.08	3675096.01	0.000197672	110543 Hexane	0 30YrCancerDerived	*	0
1257 ALL	486368.92	3675096.01	0.000198298	110543 Hexane	0 30YrCancerDerived	*	0
1258 ALL	486389.76	3675096.01	0.000201178	110543 Hexane	0 30YrCancerDerived	*	0
1259 ALL	486410.6	3675096.01	0.000204958	110543 Hexane	0 30YrCancerDerived	*	0
1260 ALL	486431.44	3675096.01	0.000210732	110543 Hexane	0 30YrCancerDerived	*	0
1261 ALL	486452.28	3675096.01	0.00022191	110543 Hexane	0 30YrCancerDerived	*	0
1262 ALL	486473.12	3675096.01	0.000234888	110543 Hexane	0 30YrCancerDerived	*	0
1263 ALL	486493.96	3675096.01	0.000251247	110543 Hexane	0 30YrCancerDerived	*	0
1264 ALL	486514.8	3675096.01	0.000274951	110543 Hexane	0 30YrCancerDerived	*	0
1265 ALL	485889.6	3675115.89	0.00016309	110543 Hexane	0 30YrCancerDerived	*	0
1266 ALL	485910.44	3675115.89	0.000185565	110543 Hexane	0 30YrCancerDerived	*	0
1267 ALL	485931.28	3675115.89	0.000236121	110543 Hexane	0 30YrCancerDerived	*	0
1268 ALL	485952.12	3675115.89	0.000345926	110543 Hexane	0 30YrCancerDerived	*	0
1269 ALL	485972.96	3675115.89	0.000312867	110543 Hexane	0 30YrCancerDerived	*	0
1270 ALL	485993.8	3675115.89	0.000235198	110543 Hexane	0 30YrCancerDerived	*	0
1271 ALL	486014.64	3675115.89	0.000206856	110543 Hexane	0 30YrCancerDerived	*	0
1272 ALL	486035.48	3675115.89	0.000198203	110543 Hexane	0 30YrCancerDerived	*	0
1273 ALL	486056.32	3675115.89	0.000196336	110543 Hexane	0 30YrCancerDerived	*	0
1274 ALL	486077.16	3675115.89	0.000188108	110543 Hexane	0 30YrCancerDerived	*	0
1275 ALL	486098	3675115.89	0.000169941	110543 Hexane	0 30YrCancerDerived	*	0
1276 ALL	486118.84	3675115.89	0.000153321	110543 Hexane	0 30YrCancerDerived	*	0
1277 ALL	486139.68	3675115.89	0.000144912	110543 Hexane	0 30YrCancerDerived	*	0
1278 ALL	486160.52	3675115.89	0.000142294	110543 Hexane	0 30YrCancerDerived	*	0
1279 ALL	486181.36	3675115.89	0.000142424	110543 Hexane	0 30YrCancerDerived	*	0
1280 ALL	486202.2	3675115.89	0.00014609	110543 Hexane	0 30YrCancerDerived	*	0
1281 ALL	486223.04	3675115.89	0.000155142	110543 Hexane	0 30YrCancerDerived	*	0
1282 ALL	486243.88	3675115.89	0.000163529	110543 Hexane	0 30YrCancerDerived	*	0
1283 ALL	486264.72	3675115.89	0.000171302	110543 Hexane	0 30YrCancerDerived	*	0
1284 ALL	486285.56	3675115.89	0.000175611	110543 Hexane	0 30YrCancerDerived	*	0
1285 ALL	486306.4	3675115.89	0.000182515	110543 Hexane	0 30YrCancerDerived	*	0
1286 ALL	486327.24	3675115.89	0.000183294	110543 Hexane	0 30YrCancerDerived	*	0
1287 ALL	486348.08	3675115.89	0.000180597	110543 Hexane	0 30YrCancerDerived	*	0

1288	ALL	486368.92	3675115.89	0.000178037	110543	Hexane	0	30YrCancerDerived	*	0
1289	ALL	486389.76	3675115.89	0.00017857	110543	Hexane	0	30YrCancerDerived	*	0
1290	ALL	486410.6	3675115.89	0.000180838	110543	Hexane	0	30YrCancerDerived	*	0
1291	ALL	486431.44	3675115.89	0.000187293	110543	Hexane	0	30YrCancerDerived	*	0
1292	ALL	486452.28	3675115.89	0.000196347	110543	Hexane	0	30YrCancerDerived	*	0
1293	ALL	486473.12	3675115.89	0.000207603	110543	Hexane	0	30YrCancerDerived	*	0
1294	ALL	486493.96	3675115.89	0.000224983	110543	Hexane	0	30YrCancerDerived	*	0
1295	ALL	486514.8	3675115.89	0.000247266	110543	Hexane	0	30YrCancerDerived	*	0
1296	ALL	485889.6	3675135.77	0.000159829	110543	Hexane	0	30YrCancerDerived	*	0
1297	ALL	485910.44	3675135.77	0.000202417	110543	Hexane	0	30YrCancerDerived	*	0
1298	ALL	485931.28	3675135.77	0.000257749	110543	Hexane	0	30YrCancerDerived	*	0
1299	ALL	485952.12	3675135.77	0.000344723	110543	Hexane	0	30YrCancerDerived	*	0
1300	ALL	485972.96	3675135.77	0.000477919	110543	Hexane	0	30YrCancerDerived	*	0
1301	ALL	485993.8	3675135.77	0.000368641	110543	Hexane	0	30YrCancerDerived	*	0
1302	ALL	486014.64	3675135.77	0.000296645	110543	Hexane	0	30YrCancerDerived	*	0
1303	ALL	486035.48	3675135.77	0.00024672	110543	Hexane	0	30YrCancerDerived	*	0
1304	ALL	486056.32	3675135.77	0.000211062	110543	Hexane	0	30YrCancerDerived	*	0
1305	ALL	486077.16	3675135.77	0.000188048	110543	Hexane	0	30YrCancerDerived	*	0
1306	ALL	486098	3675135.77	0.000165824	110543	Hexane	0	30YrCancerDerived	*	0
1307	ALL	486118.84	3675135.77	0.000149778	110543	Hexane	0	30YrCancerDerived	*	0
1308	ALL	486139.68	3675135.77	0.000143338	110543	Hexane	0	30YrCancerDerived	*	0
1309	ALL	486160.52	3675135.77	0.000141569	110543	Hexane	0	30YrCancerDerived	*	0
1310	ALL	486181.36	3675135.77	0.000142013	110543	Hexane	0	30YrCancerDerived	*	0
1311	ALL	486202.2	3675135.77	0.00014548	110543	Hexane	0	30YrCancerDerived	*	0
1312	ALL	486223.04	3675135.77	0.000154866	110543	Hexane	0	30YrCancerDerived	*	0
1313	ALL	486243.88	3675135.77	0.000159677	110543	Hexane	0	30YrCancerDerived	*	0
1314	ALL	486264.72	3675135.77	0.000160117	110543	Hexane	0	30YrCancerDerived	*	0
1315	ALL	486285.56	3675135.77	0.00016292	110543	Hexane	0	30YrCancerDerived	*	0
1316	ALL	486306.4	3675135.77	0.00016847	110543	Hexane	0	30YrCancerDerived	*	0
1317	ALL	486327.24	3675135.77	0.00017007	110543	Hexane	0	30YrCancerDerived	*	0
1318	ALL	486348.08	3675135.77	0.000166698	110543	Hexane	0	30YrCancerDerived	*	0
1319	ALL	486368.92	3675135.77	0.000164843	110543	Hexane	0	30YrCancerDerived	*	0
1320	ALL	486389.76	3675135.77	0.000165803	110543	Hexane	0	30YrCancerDerived	*	0
1321	ALL	486410.6	3675135.77	0.000169488	110543	Hexane	0	30YrCancerDerived	*	0
1322	ALL	486431.44	3675135.77	0.000177604	110543	Hexane	0	30YrCancerDerived	*	0

1323 ALL	486452.28	3675135.77	0.000187333	110543 Hexane	0 30YrCancerDerived	*	0
1324 ALL	486473.12	3675135.77	0.000203243	110543 Hexane	0 30YrCancerDerived	*	0
1325 ALL	486493.96	3675135.77	0.00022009	110543 Hexane	0 30YrCancerDerived	*	0
1326 ALL	486514.8	3675135.77	0.000246774	110543 Hexane	0 30YrCancerDerived	*	0
1327 ALL	486035.48	3675155.65	0.000253157	110543 Hexane	0 30YrCancerDerived	*	0
1328 ALL	486056.32	3675155.65	0.000211798	110543 Hexane	0 30YrCancerDerived	*	0
1329 ALL	486077.16	3675155.65	0.000189471	110543 Hexane	0 30YrCancerDerived	*	0
1330 ALL	486098	3675155.65	0.000167924	110543 Hexane	0 30YrCancerDerived	*	0
1331 ALL	486118.84	3675155.65	0.00015344	110543 Hexane	0 30YrCancerDerived	*	0
1332 ALL	486139.68	3675155.65	0.000146377	110543 Hexane	0 30YrCancerDerived	*	0
1333 ALL	486160.52	3675155.65	0.000143185	110543 Hexane	0 30YrCancerDerived	*	0
1334 ALL	486181.36	3675155.65	0.000142471	110543 Hexane	0 30YrCancerDerived	*	0
1335 ALL	486202.2	3675155.65	0.000143101	110543 Hexane	0 30YrCancerDerived	*	0
1336 ALL	486223.04	3675155.65	0.000147133	110543 Hexane	0 30YrCancerDerived	*	0
1337 ALL	486243.88	3675155.65	0.000151228	110543 Hexane	0 30YrCancerDerived	*	0
1338 ALL	486264.72	3675155.65	0.000150721	110543 Hexane	0 30YrCancerDerived	*	0
1339 ALL	486285.56	3675155.65	0.000153066	110543 Hexane	0 30YrCancerDerived	*	0
1340 ALL	486306.4	3675155.65	0.000159367	110543 Hexane	0 30YrCancerDerived	*	0
1341 ALL	486327.24	3675155.65	0.000163255	110543 Hexane	0 30YrCancerDerived	*	0
1342 ALL	486348.08	3675155.65	0.000161449	110543 Hexane	0 30YrCancerDerived	*	0
1343 ALL	486368.92	3675155.65	0.000161066	110543 Hexane	0 30YrCancerDerived	*	0
1344 ALL	486389.76	3675155.65	0.000162334	110543 Hexane	0 30YrCancerDerived	*	0
1345 ALL	486410.6	3675155.65	0.000168804	110543 Hexane	0 30YrCancerDerived	*	0
1346 ALL	486431.44	3675155.65	0.000179634	110543 Hexane	0 30YrCancerDerived	*	0
1347 ALL	486452.28	3675155.65	0.000192608	110543 Hexane	0 30YrCancerDerived	*	0
1348 ALL	486473.12	3675155.65	0.000208576	110543 Hexane	0 30YrCancerDerived	*	0
1349 ALL	486493.96	3675155.65	0.000223942	110543 Hexane	0 30YrCancerDerived	*	0
1350 ALL	486514.8	3675155.65	0.000258183	110543 Hexane	0 30YrCancerDerived	*	0
1351 ALL	486077.16	3675175.53	0.000200441	110543 Hexane	0 30YrCancerDerived	*	0
1352 ALL	486098	3675175.53	0.000175594	110543 Hexane	0 30YrCancerDerived	*	0
1353 ALL	486118.84	3675175.53	0.000159397	110543 Hexane	0 30YrCancerDerived	*	0
1354 ALL	486139.68	3675175.53	0.000151671	110543 Hexane	0 30YrCancerDerived	*	0
1355 ALL	486160.52	3675175.53	0.000143236	110543 Hexane	0 30YrCancerDerived	*	0
1356 ALL	486181.36	3675175.53	0.000141681	110543 Hexane	0 30YrCancerDerived	*	0
1357 ALL	486202.2	3675175.53	0.000140304	110543 Hexane	0 30YrCancerDerived	*	0

1358 ALL	486223.04	3675175.53	0.000142376	110543 Hexane	0 30YrCancerDerived	*	0
1359 ALL	486243.88	3675175.53	0.000144678	110543 Hexane	0 30YrCancerDerived	*	0
1360 ALL	486264.72	3675175.53	0.00014505	110543 Hexane	0 30YrCancerDerived	*	0
1361 ALL	486285.56	3675175.53	0.000148255	110543 Hexane	0 30YrCancerDerived	*	0
1362 ALL	486306.4	3675175.53	0.000154275	110543 Hexane	0 30YrCancerDerived	*	0
1363 ALL	486327.24	3675175.53	0.000158405	110543 Hexane	0 30YrCancerDerived	*	0
1364 ALL	486348.08	3675175.53	0.000159597	110543 Hexane	0 30YrCancerDerived	*	0
1365 ALL	486368.92	3675175.53	0.000162029	110543 Hexane	0 30YrCancerDerived	*	0
1366 ALL	486389.76	3675175.53	0.000166263	110543 Hexane	0 30YrCancerDerived	*	0
1367 ALL	486410.6	3675175.53	0.000174435	110543 Hexane	0 30YrCancerDerived	*	0
1368 ALL	486431.44	3675175.53	0.000186695	110543 Hexane	0 30YrCancerDerived	*	0
1369 ALL	486452.28	3675175.53	0.000200671	110543 Hexane	0 30YrCancerDerived	*	0
1370 ALL	486473.12	3675175.53	0.000217985	110543 Hexane	0 30YrCancerDerived	*	0
1371 ALL	486493.96	3675175.53	0.000238102	110543 Hexane	0 30YrCancerDerived	*	0
1372 ALL	486514.8	3675175.53	0.00027489	110543 Hexane	0 30YrCancerDerived	*	0
1373 ALL	486098	3675195.41	0.00017279	110543 Hexane	0 30YrCancerDerived	*	0
1374 ALL	486118.84	3675195.41	0.000158187	110543 Hexane	0 30YrCancerDerived	*	0
1375 ALL	486139.68	3675195.41	0.000148707	110543 Hexane	0 30YrCancerDerived	*	0
1376 ALL	486160.52	3675195.41	0.00014233	110543 Hexane	0 30YrCancerDerived	*	0
1377 ALL	486181.36	3675195.41	0.000140192	110543 Hexane	0 30YrCancerDerived	*	0
1378 ALL	486202.2	3675195.41	0.000138823	110543 Hexane	0 30YrCancerDerived	*	0
1379 ALL	486223.04	3675195.41	0.000137424	110543 Hexane	0 30YrCancerDerived	*	0
1380 ALL	486243.88	3675195.41	0.000138475	110543 Hexane	0 30YrCancerDerived	*	0
1381 ALL	486264.72	3675195.41	0.000141178	110543 Hexane	0 30YrCancerDerived	*	0
1382 ALL	486285.56	3675195.41	0.000146618	110543 Hexane	0 30YrCancerDerived	*	0
1383 ALL	486306.4	3675195.41	0.00015212	110543 Hexane	0 30YrCancerDerived	*	0
1384 ALL	486327.24	3675195.41	0.000156732	110543 Hexane	0 30YrCancerDerived	*	0
1385 ALL	486348.08	3675195.41	0.00016035	110543 Hexane	0 30YrCancerDerived	*	0
1386 ALL	486368.92	3675195.41	0.000164826	110543 Hexane	0 30YrCancerDerived	*	0
1387 ALL	486389.76	3675195.41	0.000171065	110543 Hexane	0 30YrCancerDerived	*	0
1388 ALL	486410.6	3675195.41	0.000181635	110543 Hexane	0 30YrCancerDerived	*	0
1389 ALL	486431.44	3675195.41	0.000194981	110543 Hexane	0 30YrCancerDerived	*	0
1390 ALL	486452.28	3675195.41	0.000213716	110543 Hexane	0 30YrCancerDerived	*	0
1391 ALL	486473.12	3675195.41	0.000235065	110543 Hexane	0 30YrCancerDerived	*	0
1392 ALL	486493.96	3675195.41	0.000268102	110543 Hexane	0 30YrCancerDerived	*	0

1393 ALL	486514.8	3675195.41	0.000323084	110543 Hexane	0 30YrCancerDerived	*	0
1394 ALL	486098	3675215.29	0.00017346	110543 Hexane	0 30YrCancerDerived	*	0
1395 ALL	486118.84	3675215.29	0.000154205	110543 Hexane	0 30YrCancerDerived	*	0
1396 ALL	486139.68	3675215.29	0.000141254	110543 Hexane	0 30YrCancerDerived	*	0
1397 ALL	486160.52	3675215.29	0.000137094	110543 Hexane	0 30YrCancerDerived	*	0
1398 ALL	486181.36	3675215.29	0.000136978	110543 Hexane	0 30YrCancerDerived	*	0
1399 ALL	486202.2	3675215.29	0.000136501	110543 Hexane	0 30YrCancerDerived	*	0
1400 ALL	486223.04	3675215.29	0.00013575	110543 Hexane	0 30YrCancerDerived	*	0
1401 ALL	486243.88	3675215.29	0.000138331	110543 Hexane	0 30YrCancerDerived	*	0
1402 ALL	486264.72	3675215.29	0.00014228	110543 Hexane	0 30YrCancerDerived	*	0
1403 ALL	486285.56	3675215.29	0.000147548	110543 Hexane	0 30YrCancerDerived	*	0
1404 ALL	486306.4	3675215.29	0.000153439	110543 Hexane	0 30YrCancerDerived	*	0
1405 ALL	486327.24	3675215.29	0.000159446	110543 Hexane	0 30YrCancerDerived	*	0
1406 ALL	486348.08	3675215.29	0.000164471	110543 Hexane	0 30YrCancerDerived	*	0
1407 ALL	486368.92	3675215.29	0.00017056	110543 Hexane	0 30YrCancerDerived	*	0
1408 ALL	486389.76	3675215.29	0.00017911	110543 Hexane	0 30YrCancerDerived	*	0
1409 ALL	486410.6	3675215.29	0.00019198	110543 Hexane	0 30YrCancerDerived	*	0
1410 ALL	486431.44	3675215.29	0.000211513	110543 Hexane	0 30YrCancerDerived	*	0
1411 ALL	486452.28	3675215.29	0.000231865	110543 Hexane	0 30YrCancerDerived	*	0
1412 ALL	486473.12	3675215.29	0.000259628	110543 Hexane	0 30YrCancerDerived	*	0
1413 ALL	486493.96	3675215.29	0.000310903	110543 Hexane	0 30YrCancerDerived	*	0
1414 ALL	486514.8	3675215.29	0.000386929	110543 Hexane	0 30YrCancerDerived	*	0
1415 ALL	486118.84	3675235.17	0.000152991	110543 Hexane	0 30YrCancerDerived	*	0
1416 ALL	486139.68	3675235.17	0.000143355	110543 Hexane	0 30YrCancerDerived	*	0
1417 ALL	486160.52	3675235.17	0.000137585	110543 Hexane	0 30YrCancerDerived	*	0
1418 ALL	486181.36	3675235.17	0.000135186	110543 Hexane	0 30YrCancerDerived	*	0
1419 ALL	486202.2	3675235.17	0.000134717	110543 Hexane	0 30YrCancerDerived	*	0
1420 ALL	486223.04	3675235.17	0.000137027	110543 Hexane	0 30YrCancerDerived	*	0
1421 ALL	486243.88	3675235.17	0.000141551	110543 Hexane	0 30YrCancerDerived	*	0
1422 ALL	486264.72	3675235.17	0.000145371	110543 Hexane	0 30YrCancerDerived	*	0
1423 ALL	486285.56	3675235.17	0.000149715	110543 Hexane	0 30YrCancerDerived	*	0
1424 ALL	486306.4	3675235.17	0.000156667	110543 Hexane	0 30YrCancerDerived	*	0
1425 ALL	486327.24	3675235.17	0.000165	110543 Hexane	0 30YrCancerDerived	*	0
1426 ALL	486348.08	3675235.17	0.000172243	110543 Hexane	0 30YrCancerDerived	*	0
1427 ALL	486368.92	3675235.17	0.000180064	110543 Hexane	0 30YrCancerDerived	*	0

1428 ALL	486389.76	3675235.17	0.000193272	110543 Hexane	0 30YrCancerDerived	*	0
1429 ALL	486410.6	3675235.17	0.000212525	110543 Hexane	0 30YrCancerDerived	*	0
1430 ALL	486431.44	3675235.17	0.000235676	110543 Hexane	0 30YrCancerDerived	*	0
1431 ALL	486452.28	3675235.17	0.000264534	110543 Hexane	0 30YrCancerDerived	*	0
1432 ALL	486473.12	3675235.17	0.000312096	110543 Hexane	0 30YrCancerDerived	*	0
1433 ALL	486493.96	3675235.17	0.000362614	110543 Hexane	0 30YrCancerDerived	*	0
1434 ALL	486514.8	3675235.17	0.000408361	110543 Hexane	0 30YrCancerDerived	*	0
1435 ALL	486139.68	3675255.05	0.000148426	110543 Hexane	0 30YrCancerDerived	*	0
1436 ALL	486160.52	3675255.05	0.00014341	110543 Hexane	0 30YrCancerDerived	*	0
1437 ALL	486181.36	3675255.05	0.000139917	110543 Hexane	0 30YrCancerDerived	*	0
1438 ALL	486202.2	3675255.05	0.000137585	110543 Hexane	0 30YrCancerDerived	*	0
1439 ALL	486223.04	3675255.05	0.000140728	110543 Hexane	0 30YrCancerDerived	*	0
1440 ALL	486243.88	3675255.05	0.000145833	110543 Hexane	0 30YrCancerDerived	*	0
1441 ALL	486264.72	3675255.05	0.000150108	110543 Hexane	0 30YrCancerDerived	*	0
1442 ALL	486285.56	3675255.05	0.000154856	110543 Hexane	0 30YrCancerDerived	*	0
1443 ALL	486306.4	3675255.05	0.000162325	110543 Hexane	0 30YrCancerDerived	*	0
1444 ALL	486327.24	3675255.05	0.000170727	110543 Hexane	0 30YrCancerDerived	*	0
1445 ALL	486348.08	3675255.05	0.000179878	110543 Hexane	0 30YrCancerDerived	*	0
1446 ALL	486368.92	3675255.05	0.000192511	110543 Hexane	0 30YrCancerDerived	*	0
1447 ALL	486389.76	3675255.05	0.000206087	110543 Hexane	0 30YrCancerDerived	*	0
1448 ALL	486410.6	3675255.05	0.000220525	110543 Hexane	0 30YrCancerDerived	*	0
1449 ALL	486431.44	3675255.05	0.000242059	110543 Hexane	0 30YrCancerDerived	*	0
1450 ALL	486452.28	3675255.05	0.00026559	110543 Hexane	0 30YrCancerDerived	*	0
1451 ALL	486473.12	3675255.05	0.000288925	110543 Hexane	0 30YrCancerDerived	*	0
1452 ALL	486493.96	3675255.05	0.000312031	110543 Hexane	0 30YrCancerDerived	*	0
1453 ALL	486514.8	3675255.05	0.000319545	110543 Hexane	0 30YrCancerDerived	*	0
1454 ALL	486535.64	3675255.05	0.000327684	110543 Hexane	0 30YrCancerDerived	*	0
1455 ALL	486264.72	3675274.93	0.000157108	110543 Hexane	0 30YrCancerDerived	*	0
1456 ALL	486285.56	3675274.93	0.00016149	110543 Hexane	0 30YrCancerDerived	*	0
1457 ALL	486306.4	3675274.93	0.000165359	110543 Hexane	0 30YrCancerDerived	*	0
1458 ALL	486327.24	3675274.93	0.000173414	110543 Hexane	0 30YrCancerDerived	*	0
1459 ALL	486348.08	3675274.93	0.0001824	110543 Hexane	0 30YrCancerDerived	*	0
1460 ALL	486368.92	3675274.93	0.000190988	110543 Hexane	0 30YrCancerDerived	*	0
1461 ALL	486389.76	3675274.93	0.000197707	110543 Hexane	0 30YrCancerDerived	*	0
1462 ALL	486410.6	3675274.93	0.000204424	110543 Hexane	0 30YrCancerDerived	*	0

1463 ALL	486431.44	3675274.93	0.000217036	110543 Hexane	0 30YrCancerDerived	*	0
1464 ALL	486452.28	3675274.93	0.000235876	110543 Hexane	0 30YrCancerDerived	*	0
1465 ALL	486473.12	3675274.93	0.000252264	110543 Hexane	0 30YrCancerDerived	*	0
1466 ALL	486493.96	3675274.93	0.000263987	110543 Hexane	0 30YrCancerDerived	*	0
1467 ALL	486514.8	3675274.93	0.000272093	110543 Hexane	0 30YrCancerDerived	*	0
1468 ALL	486535.64	3675274.93	0.000282916	110543 Hexane	0 30YrCancerDerived	*	0
1469 ALL	486556.48	3675274.93	0.000300277	110543 Hexane	0 30YrCancerDerived	*	0
1470 ALL	486306.4	3675294.81	0.000165652	110543 Hexane	0 30YrCancerDerived	*	0
1471 ALL	486327.24	3675294.81	0.000171433	110543 Hexane	0 30YrCancerDerived	*	0
1472 ALL	486348.08	3675294.81	0.000178816	110543 Hexane	0 30YrCancerDerived	*	0
1473 ALL	486368.92	3675294.81	0.00018518	110543 Hexane	0 30YrCancerDerived	*	0
1474 ALL	486389.76	3675294.81	0.000188786	110543 Hexane	0 30YrCancerDerived	*	0
1475 ALL	486410.6	3675294.81	0.000191869	110543 Hexane	0 30YrCancerDerived	*	0
1476 ALL	486431.44	3675294.81	0.000199114	110543 Hexane	0 30YrCancerDerived	*	0
1477 ALL	486452.28	3675294.81	0.000212721	110543 Hexane	0 30YrCancerDerived	*	0
1478 ALL	486473.12	3675294.81	0.000225419	110543 Hexane	0 30YrCancerDerived	*	0
1479 ALL	486493.96	3675294.81	0.000232385	110543 Hexane	0 30YrCancerDerived	*	0
1480 ALL	486514.8	3675294.81	0.00023975	110543 Hexane	0 30YrCancerDerived	*	0
1481 ALL	486535.64	3675294.81	0.000248585	110543 Hexane	0 30YrCancerDerived	*	0
1482 ALL	486556.48	3675294.81	0.000261584	110543 Hexane	0 30YrCancerDerived	*	0
1483 ALL	486327.24	3675314.69	0.000166808	110543 Hexane	0 30YrCancerDerived	*	0
1484 ALL	486348.08	3675314.69	0.00017366	110543 Hexane	0 30YrCancerDerived	*	0
1485 ALL	486368.92	3675314.69	0.000178737	110543 Hexane	0 30YrCancerDerived	*	0
1486 ALL	486389.76	3675314.69	0.000179662	110543 Hexane	0 30YrCancerDerived	*	0
1487 ALL	486410.6	3675314.69	0.000179519	110543 Hexane	0 30YrCancerDerived	*	0
1488 ALL	486431.44	3675314.69	0.000186526	110543 Hexane	0 30YrCancerDerived	*	0
1489 ALL	486452.28	3675314.69	0.000199301	110543 Hexane	0 30YrCancerDerived	*	0
1490 ALL	486473.12	3675314.69	0.000209894	110543 Hexane	0 30YrCancerDerived	*	0
1491 ALL	486493.96	3675314.69	0.000216424	110543 Hexane	0 30YrCancerDerived	*	0
1492 ALL	486514.8	3675314.69	0.000223725	110543 Hexane	0 30YrCancerDerived	*	0
1493 ALL	486535.64	3675314.69	0.00023315	110543 Hexane	0 30YrCancerDerived	*	0
1494 ALL	486556.48	3675314.69	0.000244962	110543 Hexane	0 30YrCancerDerived	*	0
1495 ALL	486348.08	3675334.57	0.000169445	110543 Hexane	0 30YrCancerDerived	*	0
1496 ALL	486368.92	3675334.57	0.000173363	110543 Hexane	0 30YrCancerDerived	*	0
1497 ALL	486389.76	3675334.57	0.000174888	110543 Hexane	0 30YrCancerDerived	*	0

1498 ALL	486410.6	3675334.57	0.000175314	110543 Hexane	0 30YrCancerDerived	*	0
1499 ALL	486431.44	3675334.57	0.000181089	110543 Hexane	0 30YrCancerDerived	*	0
1500 ALL	486452.28	3675334.57	0.000190223	110543 Hexane	0 30YrCancerDerived	*	0
1501 ALL	486473.12	3675334.57	0.000195554	110543 Hexane	0 30YrCancerDerived	*	0
1502 ALL	486493.96	3675334.57	0.000203646	110543 Hexane	0 30YrCancerDerived	*	0
1503 ALL	486514.8	3675334.57	0.000213116	110543 Hexane	0 30YrCancerDerived	*	0
1504 ALL	486535.64	3675334.57	0.000225409	110543 Hexane	0 30YrCancerDerived	*	0
1505 ALL	486368.92	3675354.45	0.00017212	110543 Hexane	0 30YrCancerDerived	*	0
1506 ALL	486389.76	3675354.45	0.000174101	110543 Hexane	0 30YrCancerDerived	*	0
1507 ALL	486410.6	3675354.45	0.000178998	110543 Hexane	0 30YrCancerDerived	*	0
1508 ALL	486431.44	3675354.45	0.000182568	110543 Hexane	0 30YrCancerDerived	*	0
1509 ALL	486452.28	3675354.45	0.000186104	110543 Hexane	0 30YrCancerDerived	*	0
1510 ALL	486473.12	3675354.45	0.000191601	110543 Hexane	0 30YrCancerDerived	*	0
1511 ALL	486493.96	3675354.45	0.000200013	110543 Hexane	0 30YrCancerDerived	*	0
1512 ALL	486514.8	3675354.45	0.000212646	110543 Hexane	0 30YrCancerDerived	*	0
1513 ALL	486431.44	3675374.33	0.000185014	110543 Hexane	0 30YrCancerDerived	*	0
1514 ALL	486452.28	3675374.33	0.000187998	110543 Hexane	0 30YrCancerDerived	*	0
1515 ALL	486473.12	3675374.33	0.000193592	110543 Hexane	0 30YrCancerDerived	*	0
1516 ALL	487872.39	3673252.61	0.0110477	110543 Hexane	0 30YrCancerDerived	*	0
1517 ALL	487892.39	3673252.61	0.02142059	110543 Hexane	0 30YrCancerDerived	*	0
1518 ALL	487912.39	3673252.61	0.0292023	110543 Hexane	0 30YrCancerDerived	*	0
1519 ALL	487932.39	3673252.61	0.04022393	110543 Hexane	0 30YrCancerDerived	*	0
1521 ALL	487852.39	3673272.61	0.008903045	110543 Hexane	0 30YrCancerDerived	*	0
1522 ALL	487872.39	3673272.61	0.01387322	110543 Hexane	0 30YrCancerDerived	*	0
1523 ALL	487892.39	3673272.61	0.02322118	110543 Hexane	0 30YrCancerDerived	*	0
1524 ALL	487912.39	3673272.61	0.02884682	110543 Hexane	0 30YrCancerDerived	*	0
1525 ALL	487932.39	3673272.61	0.03649484	110543 Hexane	0 30YrCancerDerived	*	0
1528 ALL	487832.39	3673292.61	0.005765098	110543 Hexane	0 30YrCancerDerived	*	0
1529 ALL	487852.39	3673292.61	0.008199567	110543 Hexane	0 30YrCancerDerived	*	0
1530 ALL	487872.39	3673292.61	0.01178342	110543 Hexane	0 30YrCancerDerived	*	0
1531 ALL	487892.39	3673292.61	0.01756891	110543 Hexane	0 30YrCancerDerived	*	0
1532 ALL	487912.39	3673292.61	0.02422912	110543 Hexane	0 30YrCancerDerived	*	0
1533 ALL	487932.39	3673292.61	0.03151158	110543 Hexane	0 30YrCancerDerived	*	0
1538 ALL	487812.39	3673312.61	0.002970461	110543 Hexane	0 30YrCancerDerived	*	0
1539 ALL	487832.39	3673312.61	0.003878861	110543 Hexane	0 30YrCancerDerived	*	0

1540 ALL	487852.39	3673312.61	0.006013494	110543 Hexane	0 30YrCancerDerived	*	0
1541 ALL	487872.39	3673312.61	0.009463435	110543 Hexane	0 30YrCancerDerived	*	0
1542 ALL	487892.39	3673312.61	0.01416238	110543 Hexane	0 30YrCancerDerived	*	0
1543 ALL	487912.39	3673312.61	0.02073787	110543 Hexane	0 30YrCancerDerived	*	0
1544 ALL	487932.39	3673312.61	0.02733474	110543 Hexane	0 30YrCancerDerived	*	0
1545 ALL	487952.39	3673312.61	0.03188524	110543 Hexane	0 30YrCancerDerived	*	0
1549 ALL	487792.39	3673332.61	0.001532008	110543 Hexane	0 30YrCancerDerived	*	0
1550 ALL	487812.39	3673332.61	0.001865464	110543 Hexane	0 30YrCancerDerived	*	0
1551 ALL	487832.39	3673332.61	0.002673003	110543 Hexane	0 30YrCancerDerived	*	0
1552 ALL	487852.39	3673332.61	0.004602183	110543 Hexane	0 30YrCancerDerived	*	0
1553 ALL	487872.39	3673332.61	0.008219698	110543 Hexane	0 30YrCancerDerived	*	0
1554 ALL	487892.39	3673332.61	0.01180992	110543 Hexane	0 30YrCancerDerived	*	0
1555 ALL	487912.39	3673332.61	0.01724446	110543 Hexane	0 30YrCancerDerived	*	0
1556 ALL	487932.39	3673332.61	0.02245396	110543 Hexane	0 30YrCancerDerived	*	0
1557 ALL	487952.39	3673332.61	0.02508405	110543 Hexane	0 30YrCancerDerived	*	0
1558 ALL	487972.39	3673332.61	0.02920384	110543 Hexane	0 30YrCancerDerived	*	0
1561 ALL	487772.39	3673352.61	0.001055642	110543 Hexane	0 30YrCancerDerived	*	0
1562 ALL	487792.39	3673352.61	0.001122587	110543 Hexane	0 30YrCancerDerived	*	0
1563 ALL	487812.39	3673352.61	0.001447793	110543 Hexane	0 30YrCancerDerived	*	0
1564 ALL	487832.39	3673352.61	0.00213882	110543 Hexane	0 30YrCancerDerived	*	0
1565 ALL	487852.39	3673352.61	0.003589134	110543 Hexane	0 30YrCancerDerived	*	0
1566 ALL	487872.39	3673352.61	0.007061016	110543 Hexane	0 30YrCancerDerived	*	0
1567 ALL	487892.39	3673352.61	0.01019188	110543 Hexane	0 30YrCancerDerived	*	0
1568 ALL	487912.39	3673352.61	0.01317503	110543 Hexane	0 30YrCancerDerived	*	0
1569 ALL	487932.39	3673352.61	0.01684841	110543 Hexane	0 30YrCancerDerived	*	0
1570 ALL	487952.39	3673352.61	0.01966176	110543 Hexane	0 30YrCancerDerived	*	0
1571 ALL	487972.39	3673352.61	0.02298923	110543 Hexane	0 30YrCancerDerived	*	0
1572 ALL	487992.39	3673352.61	0.02726974	110543 Hexane	0 30YrCancerDerived	*	0
1573 ALL	488012.39	3673352.61	0.0299056	110543 Hexane	0 30YrCancerDerived	*	0
1574 ALL	487724.34	3673332.79	0.000917051	110543 Hexane	0 30YrCancerDerived	*	0
1575 ALL	487792.39	3673372.61	0.001021609	110543 Hexane	0 30YrCancerDerived	*	0
1576 ALL	487812.39	3673372.61	0.001337848	110543 Hexane	0 30YrCancerDerived	*	0
1577 ALL	487832.39	3673372.61	0.001957615	110543 Hexane	0 30YrCancerDerived	*	0
1578 ALL	487852.39	3673372.61	0.003078229	110543 Hexane	0 30YrCancerDerived	*	0
1579 ALL	487872.39	3673372.61	0.00567076	110543 Hexane	0 30YrCancerDerived	*	0

1580 ALL	487892.39	3673372.61	0.008852975	110543 Hexane	0 30YrCancerDerived	*	0
1581 ALL	487912.39	3673372.61	0.01077318	110543 Hexane	0 30YrCancerDerived	*	0
1582 ALL	487932.39	3673372.61	0.01350508	110543 Hexane	0 30YrCancerDerived	*	0
1583 ALL	487952.39	3673372.61	0.01583964	110543 Hexane	0 30YrCancerDerived	*	0
1584 ALL	487972.39	3673372.61	0.01823483	110543 Hexane	0 30YrCancerDerived	*	0
1585 ALL	487992.39	3673372.61	0.01939898	110543 Hexane	0 30YrCancerDerived	*	0
1586 ALL	487724.34	3673352.79	0.00096019	110543 Hexane	0 30YrCancerDerived	*	0
1587 ALL	487744.34	3673352.79	0.001041502	110543 Hexane	0 30YrCancerDerived	*	0
1588 ALL	487812.39	3673392.61	0.001465084	110543 Hexane	0 30YrCancerDerived	*	0
1589 ALL	487832.39	3673392.61	0.001909595	110543 Hexane	0 30YrCancerDerived	*	0
1590 ALL	487852.39	3673392.61	0.002985667	110543 Hexane	0 30YrCancerDerived	*	0
1591 ALL	487872.39	3673392.61	0.005136041	110543 Hexane	0 30YrCancerDerived	*	0
1592 ALL	487892.39	3673392.61	0.008283922	110543 Hexane	0 30YrCancerDerived	*	0
1593 ALL	487912.39	3673392.61	0.0106276	110543 Hexane	0 30YrCancerDerived	*	0
1594 ALL	487932.39	3673392.61	0.01265604	110543 Hexane	0 30YrCancerDerived	*	0
1595 ALL	487952.39	3673392.61	0.01394923	110543 Hexane	0 30YrCancerDerived	*	0
1596 ALL	487972.39	3673392.61	0.01446683	110543 Hexane	0 30YrCancerDerived	*	0
1597 ALL	487992.39	3673392.61	0.01262514	110543 Hexane	0 30YrCancerDerived	*	0
1598 ALL	487724.34	3673372.79	0.001326179	110543 Hexane	0 30YrCancerDerived	*	0
1599 ALL	487744.34	3673372.79	0.001306478	110543 Hexane	0 30YrCancerDerived	*	0
1600 ALL	487852.39	3673412.61	0.003273872	110543 Hexane	0 30YrCancerDerived	*	0
1601 ALL	487872.39	3673412.61	0.005731441	110543 Hexane	0 30YrCancerDerived	*	0
1602 ALL	487892.39	3673412.61	0.01021952	110543 Hexane	0 30YrCancerDerived	*	0
1603 ALL	487912.39	3673412.61	0.01861785	110543 Hexane	0 30YrCancerDerived	*	0
1604 ALL	487932.39	3673412.61	0.01554929	110543 Hexane	0 30YrCancerDerived	*	0
1605 ALL	487952.39	3673412.61	0.01376848	110543 Hexane	0 30YrCancerDerived	*	0
1606 ALL	487972.39	3673412.61	0.01228314	110543 Hexane	0 30YrCancerDerived	*	0
1607 ALL	487992.39	3673412.61	0.01042021	110543 Hexane	0 30YrCancerDerived	*	0
1608 ALL	487724.34	3673392.79	0.001873344	110543 Hexane	0 30YrCancerDerived	*	0
1609 ALL	487744.34	3673392.79	0.001611492	110543 Hexane	0 30YrCancerDerived	*	0
1610 ALL	487872.39	3673432.61	0.009255281	110543 Hexane	0 30YrCancerDerived	*	0
1611 ALL	487892.39	3673432.61	0.01973609	110543 Hexane	0 30YrCancerDerived	*	0
1612 ALL	487912.39	3673432.61	0.04079348	110543 Hexane	0 30YrCancerDerived	*	0
1613 ALL	487932.39	3673432.61	0.02329452	110543 Hexane	0 30YrCancerDerived	*	0
1614 ALL	487952.39	3673432.61	0.01713654	110543 Hexane	0 30YrCancerDerived	*	0

1615 ALL	487972.39	3673432.61	0.01397555	110543 Hexane	0 30YrCancerDerived	*	0
1616 ALL	487724.34	3673412.79	0.002201426	110543 Hexane	0 30YrCancerDerived	*	0
1617 ALL	487744.34	3673412.79	0.001953657	110543 Hexane	0 30YrCancerDerived	*	0
1618 ALL	487912.39	3673452.61	0.05865073	110543 Hexane	0 30YrCancerDerived	*	0
1619 ALL	487932.39	3673452.61	0.04924703	110543 Hexane	0 30YrCancerDerived	*	0
1620 ALL	487952.39	3673452.61	0.03717073	110543 Hexane	0 30YrCancerDerived	*	0
1621 ALL	487972.39	3673452.61	0.01972754	110543 Hexane	0 30YrCancerDerived	*	0
1622 ALL	487724.34	3673432.79	0.002884451	110543 Hexane	0 30YrCancerDerived	*	0
1623 ALL	487744.34	3673432.79	0.002280534	110543 Hexane	0 30YrCancerDerived	*	0
1624 ALL	487932.39	3673472.61	0.06610975	110543 Hexane	0 30YrCancerDerived	*	0
1625 ALL	487952.39	3673472.61	0.06583903	110543 Hexane	0 30YrCancerDerived	*	0
1626 ALL	487724.34	3673452.79	0.004045039	110543 Hexane	0 30YrCancerDerived	*	0
1627 ALL	487744.34	3673452.79	0.002849866	110543 Hexane	0 30YrCancerDerived	*	0
1628 ALL	487724.34	3673472.79	0.006028608	110543 Hexane	0 30YrCancerDerived	*	0
1629 ALL	487724.34	3673492.79	0.0112001	110543 Hexane	0 30YrCancerDerived	*	0
1630 ALL	487744.36	3673445.97	0.002615512	110543 Hexane	0 30YrCancerDerived	*	0
1631 ALL	487765.2	3673445.97	0.002456477	110543 Hexane	0 30YrCancerDerived	*	0
1632 ALL	487786.04	3673445.97	0.002869889	110543 Hexane	0 30YrCancerDerived	*	0
1633 ALL	487723.52	3673465.85	0.005360384	110543 Hexane	0 30YrCancerDerived	*	0
1634 ALL	487744.36	3673465.85	0.003707355	110543 Hexane	0 30YrCancerDerived	*	0
1635 ALL	487765.2	3673465.85	0.003661633	110543 Hexane	0 30YrCancerDerived	*	0
1636 ALL	487786.04	3673465.85	0.004926647	110543 Hexane	0 30YrCancerDerived	*	0
1637 ALL	487806.88	3673465.85	0.007024989	110543 Hexane	0 30YrCancerDerived	*	0
1638 ALL	487723.52	3673485.73	0.00875295	110543 Hexane	0 30YrCancerDerived	*	0
1639 ALL	487744.36	3673485.73	0.006000686	110543 Hexane	0 30YrCancerDerived	*	0
1640 ALL	487765.2	3673485.73	0.005729937	110543 Hexane	0 30YrCancerDerived	*	0
1641 ALL	487786.04	3673485.73	0.007760154	110543 Hexane	0 30YrCancerDerived	*	0
1642 ALL	487806.88	3673485.73	0.01245607	110543 Hexane	0 30YrCancerDerived	*	0
1643 ALL	487827.72	3673485.73	0.02143989	110543 Hexane	0 30YrCancerDerived	*	0
1644 ALL	487848.56	3673485.73	0.03631465	110543 Hexane	0 30YrCancerDerived	*	0
1645 ALL	487723.52	3673505.61	0.01485283	110543 Hexane	0 30YrCancerDerived	*	0
1646 ALL	487744.36	3673505.61	0.01267311	110543 Hexane	0 30YrCancerDerived	*	0
1647 ALL	487765.2	3673505.61	0.009579297	110543 Hexane	0 30YrCancerDerived	*	0
1648 ALL	487786.04	3673505.61	0.01206442	110543 Hexane	0 30YrCancerDerived	*	0
1649 ALL	487806.88	3673505.61	0.01779093	110543 Hexane	0 30YrCancerDerived	*	0

1650 ALL	487827.72	3673505.61	0.02645039	110543 Hexane	0 30YrCancerDerived	*	0
1651 ALL	487848.56	3673505.61	0.04053784	110543 Hexane	0 30YrCancerDerived	*	0
1652 ALL	487869.4	3673505.61	0.04930402	110543 Hexane	0 30YrCancerDerived	*	0
1653 ALL	487744.36	3673525.49	0.01634803	110543 Hexane	0 30YrCancerDerived	*	0
1654 ALL	487765.2	3673525.49	0.01338796	110543 Hexane	0 30YrCancerDerived	*	0
1655 ALL	487786.04	3673525.49	0.01263766	110543 Hexane	0 30YrCancerDerived	*	0
1656 ALL	487806.88	3673525.49	0.01654491	110543 Hexane	0 30YrCancerDerived	*	0
1657 ALL	487827.72	3673525.49	0.02202886	110543 Hexane	0 30YrCancerDerived	*	0
1658 ALL	487848.56	3673525.49	0.03032369	110543 Hexane	0 30YrCancerDerived	*	0
1659 ALL	487869.4	3673525.49	0.04341944	110543 Hexane	0 30YrCancerDerived	*	0
1660 ALL	487890.24	3673525.49	0.05484306	110543 Hexane	0 30YrCancerDerived	*	0
1661 ALL	487911.08	3673525.49	0.06473307	110543 Hexane	0 30YrCancerDerived	*	0
1662 ALL	487744.36	3673545.37	0.01626511	110543 Hexane	0 30YrCancerDerived	*	0
1663 ALL	487765.2	3673545.37	0.01428958	110543 Hexane	0 30YrCancerDerived	*	0
1664 ALL	487786.04	3673545.37	0.01011225	110543 Hexane	0 30YrCancerDerived	*	0
1665 ALL	487806.88	3673545.37	0.01053812	110543 Hexane	0 30YrCancerDerived	*	0
1666 ALL	487827.72	3673545.37	0.01164872	110543 Hexane	0 30YrCancerDerived	*	0
1667 ALL	487848.56	3673545.37	0.01539472	110543 Hexane	0 30YrCancerDerived	*	0
1668 ALL	487869.4	3673545.37	0.02642667	110543 Hexane	0 30YrCancerDerived	*	0
1669 ALL	487890.24	3673545.37	0.04683024	110543 Hexane	0 30YrCancerDerived	*	0
1670 ALL	487911.08	3673545.37	0.06127533	110543 Hexane	0 30YrCancerDerived	*	0
1671 ALL	487931.92	3673545.37	0.07062696	110543 Hexane	0 30YrCancerDerived	*	0
1672 ALL	487744.36	3673565.25	0.01756281	110543 Hexane	0 30YrCancerDerived	*	0
1673 ALL	487765.2	3673565.25	0.01492165	110543 Hexane	0 30YrCancerDerived	*	0
1674 ALL	487786.04	3673565.25	0.008938435	110543 Hexane	0 30YrCancerDerived	*	0
1675 ALL	487806.88	3673565.25	0.006474246	110543 Hexane	0 30YrCancerDerived	*	0
1676 ALL	487827.72	3673565.25	0.005403901	110543 Hexane	0 30YrCancerDerived	*	0
1677 ALL	487848.56	3673565.25	0.006029669	110543 Hexane	0 30YrCancerDerived	*	0
1678 ALL	487869.4	3673565.25	0.01088933	110543 Hexane	0 30YrCancerDerived	*	0
1679 ALL	487890.24	3673565.25	0.02853012	110543 Hexane	0 30YrCancerDerived	*	0
1680 ALL	487911.08	3673565.25	0.05122946	110543 Hexane	0 30YrCancerDerived	*	0
1681 ALL	487765.2	3673585.13	0.01645453	110543 Hexane	0 30YrCancerDerived	*	0
1682 ALL	487786.04	3673585.13	0.007833919	110543 Hexane	0 30YrCancerDerived	*	0
1683 ALL	487806.88	3673585.13	0.004976513	110543 Hexane	0 30YrCancerDerived	*	0
1684 ALL	487827.72	3673585.13	0.003900042	110543 Hexane	0 30YrCancerDerived	*	0

1685 ALL	487848.56	3673585.13	0.004335691	110543 Hexane	0 30YrCancerDerived	*	0
1686 ALL	487869.4	3673585.13	0.007349864	110543 Hexane	0 30YrCancerDerived	*	0
1687 ALL	487890.24	3673585.13	0.0186758	110543 Hexane	0 30YrCancerDerived	*	0
1688 ALL	487911.08	3673585.13	0.03686701	110543 Hexane	0 30YrCancerDerived	*	0
1689 ALL	487786.04	3673605.01	0.008282189	110543 Hexane	0 30YrCancerDerived	*	0
1690 ALL	487806.88	3673605.01	0.00444609	110543 Hexane	0 30YrCancerDerived	*	0
1691 ALL	487827.72	3673605.01	0.00406976	110543 Hexane	0 30YrCancerDerived	*	0
1692 ALL	487848.56	3673605.01	0.004662173	110543 Hexane	0 30YrCancerDerived	*	0
1693 ALL	487869.4	3673605.01	0.009431796	110543 Hexane	0 30YrCancerDerived	*	0
1694 ALL	487890.24	3673605.01	0.01977968	110543 Hexane	0 30YrCancerDerived	*	0
1 ALL	487640.16	3673346.57	0.0000452	100425 Styrene	0 30YrCancerDerived	*	0
2 ALL	487661	3673346.57	0.0000468	100425 Styrene	0 30YrCancerDerived	*	0
3 ALL	487681.84	3673346.57	0.0000491	100425 Styrene	0 30YrCancerDerived	*	0
4 ALL	487702.68	3673346.57	0.0000518	100425 Styrene	0 30YrCancerDerived	*	0
5 ALL	487723.52	3673346.57	0.000055	100425 Styrene	0 30YrCancerDerived	*	0
6 ALL	487598.48	3673366.45	0.000041	100425 Styrene	0 30YrCancerDerived	*	0
7 ALL	487619.32	3673366.45	0.0000454	100425 Styrene	0 30YrCancerDerived	*	0
8 ALL	487640.16	3673366.45	0.0000539	100425 Styrene	0 30YrCancerDerived	*	0
9 ALL	487661	3673366.45	0.0000597	100425 Styrene	0 30YrCancerDerived	*	0
10 ALL	487681.84	3673366.45	0.0000626	100425 Styrene	0 30YrCancerDerived	*	0
11 ALL	487702.68	3673366.45	0.0000677	100425 Styrene	0 30YrCancerDerived	*	0
12 ALL	487723.52	3673366.45	0.000067	100425 Styrene	0 30YrCancerDerived	*	0
13 ALL	487577.64	3673386.33	0.0000419	100425 Styrene	0 30YrCancerDerived	*	0
14 ALL	487598.48	3673386.33	0.0000444	100425 Styrene	0 30YrCancerDerived	*	0
15 ALL	487619.32	3673386.33	0.0000505	100425 Styrene	0 30YrCancerDerived	*	0
16 ALL	487640.16	3673386.33	0.0000645	100425 Styrene	0 30YrCancerDerived	*	0
17 ALL	487661	3673386.33	0.0000843	100425 Styrene	0 30YrCancerDerived	*	0
18 ALL	487681.84	3673386.33	0.0000967	100425 Styrene	0 30YrCancerDerived	*	0
19 ALL	487702.68	3673386.33	0.000100267	100425 Styrene	0 30YrCancerDerived	*	0
20 ALL	487723.52	3673386.33	0.000098	100425 Styrene	0 30YrCancerDerived	*	0
21 ALL	487473.44	3673406.21	0.000033	100425 Styrene	0 30YrCancerDerived	*	0
22 ALL	487494.28	3673406.21	0.000035	100425 Styrene	0 30YrCancerDerived	*	0
23 ALL	487515.12	3673406.21	0.0000367	100425 Styrene	0 30YrCancerDerived	*	0
24 ALL	487535.96	3673406.21	0.0000387	100425 Styrene	0 30YrCancerDerived	*	0
25 ALL	487556.8	3673406.21	0.0000415	100425 Styrene	0 30YrCancerDerived	*	0

26 ALL	487577.64	3673406.21	0.0000465	100425 Styrene	0 30YrCancerDerived	*	0
27 ALL	487598.48	3673406.21	0.000054	100425 Styrene	0 30YrCancerDerived	*	0
28 ALL	487619.32	3673406.21	0.0000684	100425 Styrene	0 30YrCancerDerived	*	0
29 ALL	487640.16	3673406.21	0.0000965	100425 Styrene	0 30YrCancerDerived	*	0
30 ALL	487661	3673406.21	0.0001275	100425 Styrene	0 30YrCancerDerived	*	0
31 ALL	487681.84	3673406.21	0.000140414	100425 Styrene	0 30YrCancerDerived	*	0
32 ALL	487702.68	3673406.21	0.000133776	100425 Styrene	0 30YrCancerDerived	*	0
33 ALL	487723.52	3673406.21	0.000119333	100425 Styrene	0 30YrCancerDerived	*	0
34 ALL	487431.76	3673426.09	0.000031	100425 Styrene	0 30YrCancerDerived	*	0
35 ALL	487452.6	3673426.09	0.0000325	100425 Styrene	0 30YrCancerDerived	*	0
36 ALL	487473.44	3673426.09	0.000034	100425 Styrene	0 30YrCancerDerived	*	0
37 ALL	487494.28	3673426.09	0.0000361	100425 Styrene	0 30YrCancerDerived	*	0
38 ALL	487515.12	3673426.09	0.0000385	100425 Styrene	0 30YrCancerDerived	*	0
39 ALL	487535.96	3673426.09	0.0000409	100425 Styrene	0 30YrCancerDerived	*	0
40 ALL	487556.8	3673426.09	0.0000443	100425 Styrene	0 30YrCancerDerived	*	0
41 ALL	487577.64	3673426.09	0.0000504	100425 Styrene	0 30YrCancerDerived	*	0
42 ALL	487598.48	3673426.09	0.0000648	100425 Styrene	0 30YrCancerDerived	*	0
43 ALL	487619.32	3673426.09	0.0000946	100425 Styrene	0 30YrCancerDerived	*	0
44 ALL	487640.16	3673426.09	0.000151049	100425 Styrene	0 30YrCancerDerived	*	0
45 ALL	487661	3673426.09	0.000203084	100425 Styrene	0 30YrCancerDerived	*	0
46 ALL	487681.84	3673426.09	0.000216242	100425 Styrene	0 30YrCancerDerived	*	0
47 ALL	487702.68	3673426.09	0.000177647	100425 Styrene	0 30YrCancerDerived	*	0
48 ALL	487723.52	3673426.09	0.000154159	100425 Styrene	0 30YrCancerDerived	*	0
49 ALL	487410.92	3673445.97	0.0000314	100425 Styrene	0 30YrCancerDerived	*	0
50 ALL	487431.76	3673445.97	0.0000327	100425 Styrene	0 30YrCancerDerived	*	0
51 ALL	487452.6	3673445.97	0.0000342	100425 Styrene	0 30YrCancerDerived	*	0
52 ALL	487473.44	3673445.97	0.0000356	100425 Styrene	0 30YrCancerDerived	*	0
53 ALL	487494.28	3673445.97	0.0000371	100425 Styrene	0 30YrCancerDerived	*	0
54 ALL	487515.12	3673445.97	0.0000389	100425 Styrene	0 30YrCancerDerived	*	0
55 ALL	487535.96	3673445.97	0.000041	100425 Styrene	0 30YrCancerDerived	*	0
56 ALL	487556.8	3673445.97	0.0000446	100425 Styrene	0 30YrCancerDerived	*	0
57 ALL	487577.64	3673445.97	0.0000497	100425 Styrene	0 30YrCancerDerived	*	0
58 ALL	487598.48	3673445.97	0.0000649	100425 Styrene	0 30YrCancerDerived	*	0
59 ALL	487619.32	3673445.97	0.0000964	100425 Styrene	0 30YrCancerDerived	*	0
60 ALL	487640.16	3673445.97	0.000182192	100425 Styrene	0 30YrCancerDerived	*	0

61 ALL	487661	3673445.97	0.000297856	100425 Styrene	0 30YrCancerDerived	*	0
62 ALL	487681.84	3673445.97	0.000365929	100425 Styrene	0 30YrCancerDerived	*	0
63 ALL	487702.68	3673445.97	0.000314132	100425 Styrene	0 30YrCancerDerived	*	0
64 ALL	487369.24	3673465.85	0.0000297	100425 Styrene	0 30YrCancerDerived	*	0
65 ALL	487390.08	3673465.85	0.0000316	100425 Styrene	0 30YrCancerDerived	*	0
66 ALL	487410.92	3673465.85	0.0000332	100425 Styrene	0 30YrCancerDerived	*	0
67 ALL	487431.76	3673465.85	0.0000357	100425 Styrene	0 30YrCancerDerived	*	0
68 ALL	487452.6	3673465.85	0.0000372	100425 Styrene	0 30YrCancerDerived	*	0
69 ALL	487473.44	3673465.85	0.0000382	100425 Styrene	0 30YrCancerDerived	*	0
70 ALL	487494.28	3673465.85	0.000039	100425 Styrene	0 30YrCancerDerived	*	0
71 ALL	487515.12	3673465.85	0.0000385	100425 Styrene	0 30YrCancerDerived	*	0
72 ALL	487535.96	3673465.85	0.0000404	100425 Styrene	0 30YrCancerDerived	*	0
73 ALL	487556.8	3673465.85	0.0000441	100425 Styrene	0 30YrCancerDerived	*	0
74 ALL	487577.64	3673465.85	0.0000508	100425 Styrene	0 30YrCancerDerived	*	0
75 ALL	487598.48	3673465.85	0.0000675	100425 Styrene	0 30YrCancerDerived	*	0
76 ALL	487619.32	3673465.85	0.000101995	100425 Styrene	0 30YrCancerDerived	*	0
77 ALL	487640.16	3673465.85	0.000195049	100425 Styrene	0 30YrCancerDerived	*	0
78 ALL	487661	3673465.85	0.00035593	100425 Styrene	0 30YrCancerDerived	*	0
79 ALL	487681.84	3673465.85	0.000461774	100425 Styrene	0 30YrCancerDerived	*	0
80 ALL	487702.68	3673465.85	0.000484889	100425 Styrene	0 30YrCancerDerived	*	0
81 ALL	487348.4	3673485.73	0.0000288	100425 Styrene	0 30YrCancerDerived	*	0
82 ALL	487369.24	3673485.73	0.0000309	100425 Styrene	0 30YrCancerDerived	*	0
83 ALL	487390.08	3673485.73	0.0000337	100425 Styrene	0 30YrCancerDerived	*	0
84 ALL	487410.92	3673485.73	0.0000369	100425 Styrene	0 30YrCancerDerived	*	0
85 ALL	487431.76	3673485.73	0.0000398	100425 Styrene	0 30YrCancerDerived	*	0
86 ALL	487452.6	3673485.73	0.0000418	100425 Styrene	0 30YrCancerDerived	*	0
87 ALL	487473.44	3673485.73	0.0000424	100425 Styrene	0 30YrCancerDerived	*	0
88 ALL	487494.28	3673485.73	0.0000412	100425 Styrene	0 30YrCancerDerived	*	0
89 ALL	487515.12	3673485.73	0.0000393	100425 Styrene	0 30YrCancerDerived	*	0
90 ALL	487535.96	3673485.73	0.0000411	100425 Styrene	0 30YrCancerDerived	*	0
91 ALL	487556.8	3673485.73	0.0000471	100425 Styrene	0 30YrCancerDerived	*	0
92 ALL	487577.64	3673485.73	0.00006	100425 Styrene	0 30YrCancerDerived	*	0
93 ALL	487598.48	3673485.73	0.0000894	100425 Styrene	0 30YrCancerDerived	*	0
94 ALL	487619.32	3673485.73	0.000153029	100425 Styrene	0 30YrCancerDerived	*	0
95 ALL	487640.16	3673485.73	0.00029009	100425 Styrene	0 30YrCancerDerived	*	0

96 ALL	487661	3673485.73	0.000416709	100425 Styrene	0 30YrCancerDerived	*	0
97 ALL	487681.84	3673485.73	0.000539256	100425 Styrene	0 30YrCancerDerived	*	0
98 ALL	487223.36	3673505.61	0.0000225	100425 Styrene	0 30YrCancerDerived	*	0
99 ALL	487244.2	3673505.61	0.0000233	100425 Styrene	0 30YrCancerDerived	*	0
100 ALL	487327.56	3673505.61	0.0000287	100425 Styrene	0 30YrCancerDerived	*	0
101 ALL	487348.4	3673505.61	0.0000303	100425 Styrene	0 30YrCancerDerived	*	0
102 ALL	487369.24	3673505.61	0.0000326	100425 Styrene	0 30YrCancerDerived	*	0
103 ALL	487390.08	3673505.61	0.0000358	100425 Styrene	0 30YrCancerDerived	*	0
104 ALL	487410.92	3673505.61	0.0000397	100425 Styrene	0 30YrCancerDerived	*	0
105 ALL	487431.76	3673505.61	0.0000461	100425 Styrene	0 30YrCancerDerived	*	0
106 ALL	487452.6	3673505.61	0.0000479	100425 Styrene	0 30YrCancerDerived	*	0
107 ALL	487473.44	3673505.61	0.0000475	100425 Styrene	0 30YrCancerDerived	*	0
108 ALL	487494.28	3673505.61	0.0000446	100425 Styrene	0 30YrCancerDerived	*	0
109 ALL	487515.12	3673505.61	0.0000428	100425 Styrene	0 30YrCancerDerived	*	0
110 ALL	487535.96	3673505.61	0.000043	100425 Styrene	0 30YrCancerDerived	*	0
111 ALL	487556.8	3673505.61	0.0000485	100425 Styrene	0 30YrCancerDerived	*	0
112 ALL	487577.64	3673505.61	0.0000699	100425 Styrene	0 30YrCancerDerived	*	0
113 ALL	487598.48	3673505.61	0.000151438	100425 Styrene	0 30YrCancerDerived	*	0
114 ALL	487619.32	3673505.61	0.000316213	100425 Styrene	0 30YrCancerDerived	*	0
115 ALL	487640.16	3673505.61	0.000430399	100425 Styrene	0 30YrCancerDerived	*	0
116 ALL	487661	3673505.61	0.000398118	100425 Styrene	0 30YrCancerDerived	*	0
117 ALL	487681.84	3673505.61	0.000448148	100425 Styrene	0 30YrCancerDerived	*	0
118 ALL	487223.36	3673525.49	0.0000228	100425 Styrene	0 30YrCancerDerived	*	0
119 ALL	487244.2	3673525.49	0.0000238	100425 Styrene	0 30YrCancerDerived	*	0
120 ALL	487265.04	3673525.49	0.0000255	100425 Styrene	0 30YrCancerDerived	*	0
121 ALL	487306.72	3673525.49	0.0000289	100425 Styrene	0 30YrCancerDerived	*	0
122 ALL	487327.56	3673525.49	0.0000303	100425 Styrene	0 30YrCancerDerived	*	0
123 ALL	487348.4	3673525.49	0.0000324	100425 Styrene	0 30YrCancerDerived	*	0
124 ALL	487369.24	3673525.49	0.0000353	100425 Styrene	0 30YrCancerDerived	*	0
125 ALL	487390.08	3673525.49	0.0000387	100425 Styrene	0 30YrCancerDerived	*	0
126 ALL	487410.92	3673525.49	0.0000428	100425 Styrene	0 30YrCancerDerived	*	0
127 ALL	487431.76	3673525.49	0.0000501	100425 Styrene	0 30YrCancerDerived	*	0
128 ALL	487452.6	3673525.49	0.0000516	100425 Styrene	0 30YrCancerDerived	*	0
129 ALL	487473.44	3673525.49	0.0000525	100425 Styrene	0 30YrCancerDerived	*	0
130 ALL	487494.28	3673525.49	0.0000521	100425 Styrene	0 30YrCancerDerived	*	0

131 ALL	487515.12	3673525.49	0.0000506	100425 Styrene	0 30YrCancerDerived	*	0
132 ALL	487535.96	3673525.49	0.0000504	100425 Styrene	0 30YrCancerDerived	*	0
133 ALL	487556.8	3673525.49	0.0000547	100425 Styrene	0 30YrCancerDerived	*	0
134 ALL	487577.64	3673525.49	0.0000765	100425 Styrene	0 30YrCancerDerived	*	0
135 ALL	487598.48	3673525.49	0.000172	100425 Styrene	0 30YrCancerDerived	*	0
136 ALL	487619.32	3673525.49	0.000404187	100425 Styrene	0 30YrCancerDerived	*	0
137 ALL	487640.16	3673525.49	0.000226851	100425 Styrene	0 30YrCancerDerived	*	0
138 ALL	487661	3673525.49	0.000154256	100425 Styrene	0 30YrCancerDerived	*	0
139 ALL	487202.52	3673545.37	0.0000224	100425 Styrene	0 30YrCancerDerived	*	0
140 ALL	487223.36	3673545.37	0.0000231	100425 Styrene	0 30YrCancerDerived	*	0
141 ALL	487244.2	3673545.37	0.0000243	100425 Styrene	0 30YrCancerDerived	*	0
142 ALL	487265.04	3673545.37	0.0000262	100425 Styrene	0 30YrCancerDerived	*	0
143 ALL	487285.88	3673545.37	0.0000279	100425 Styrene	0 30YrCancerDerived	*	0
144 ALL	487306.72	3673545.37	0.0000295	100425 Styrene	0 30YrCancerDerived	*	0
145 ALL	487327.56	3673545.37	0.0000314	100425 Styrene	0 30YrCancerDerived	*	0
146 ALL	487348.4	3673545.37	0.0000333	100425 Styrene	0 30YrCancerDerived	*	0
147 ALL	487369.24	3673545.37	0.0000356	100425 Styrene	0 30YrCancerDerived	*	0
148 ALL	487390.08	3673545.37	0.0000386	100425 Styrene	0 30YrCancerDerived	*	0
149 ALL	487410.92	3673545.37	0.0000431	100425 Styrene	0 30YrCancerDerived	*	0
150 ALL	487431.76	3673545.37	0.0000454	100425 Styrene	0 30YrCancerDerived	*	0
151 ALL	487452.6	3673545.37	0.0000461	100425 Styrene	0 30YrCancerDerived	*	0
152 ALL	487473.44	3673545.37	0.0000489	100425 Styrene	0 30YrCancerDerived	*	0
153 ALL	487494.28	3673545.37	0.0000616	100425 Styrene	0 30YrCancerDerived	*	0
154 ALL	487515.12	3673545.37	0.0000674	100425 Styrene	0 30YrCancerDerived	*	0
155 ALL	487535.96	3673545.37	0.0000682	100425 Styrene	0 30YrCancerDerived	*	0
156 ALL	487556.8	3673545.37	0.0000686	100425 Styrene	0 30YrCancerDerived	*	0
157 ALL	487577.64	3673545.37	0.000099	100425 Styrene	0 30YrCancerDerived	*	0
158 ALL	487598.48	3673545.37	0.000199864	100425 Styrene	0 30YrCancerDerived	*	0
159 ALL	487619.32	3673545.37	0.000156769	100425 Styrene	0 30YrCancerDerived	*	0
160 ALL	487640.16	3673545.37	0.0000889	100425 Styrene	0 30YrCancerDerived	*	0
161 ALL	487661	3673545.37	0.0000785	100425 Styrene	0 30YrCancerDerived	*	0
162 ALL	487181.68	3673565.25	0.0000223	100425 Styrene	0 30YrCancerDerived	*	0
163 ALL	487202.52	3673565.25	0.0000228	100425 Styrene	0 30YrCancerDerived	*	0
164 ALL	487223.36	3673565.25	0.0000236	100425 Styrene	0 30YrCancerDerived	*	0
165 ALL	487244.2	3673565.25	0.0000246	100425 Styrene	0 30YrCancerDerived	*	0

166 ALL	487265.04	3673565.25	0.0000259	100425 Styrene	0 30YrCancerDerived	*	0
167 ALL	487285.88	3673565.25	0.0000271	100425 Styrene	0 30YrCancerDerived	*	0
168 ALL	487306.72	3673565.25	0.0000283	100425 Styrene	0 30YrCancerDerived	*	0
169 ALL	487327.56	3673565.25	0.0000298	100425 Styrene	0 30YrCancerDerived	*	0
170 ALL	487348.4	3673565.25	0.0000315	100425 Styrene	0 30YrCancerDerived	*	0
171 ALL	487369.24	3673565.25	0.000034	100425 Styrene	0 30YrCancerDerived	*	0
172 ALL	487390.08	3673565.25	0.0000371	100425 Styrene	0 30YrCancerDerived	*	0
173 ALL	487410.92	3673565.25	0.0000402	100425 Styrene	0 30YrCancerDerived	*	0
174 ALL	487431.76	3673565.25	0.0000396	100425 Styrene	0 30YrCancerDerived	*	0
175 ALL	487452.6	3673565.25	0.0000403	100425 Styrene	0 30YrCancerDerived	*	0
176 ALL	487473.44	3673565.25	0.0000434	100425 Styrene	0 30YrCancerDerived	*	0
177 ALL	487494.28	3673565.25	0.0000512	100425 Styrene	0 30YrCancerDerived	*	0
178 ALL	487515.12	3673565.25	0.0000688	100425 Styrene	0 30YrCancerDerived	*	0
179 ALL	487535.96	3673565.25	0.0000986	100425 Styrene	0 30YrCancerDerived	*	0
180 ALL	487556.8	3673565.25	0.000137681	100425 Styrene	0 30YrCancerDerived	*	0
181 ALL	487577.64	3673565.25	0.000196147	100425 Styrene	0 30YrCancerDerived	*	0
182 ALL	487598.48	3673565.25	0.000157716	100425 Styrene	0 30YrCancerDerived	*	0
183 ALL	487619.32	3673565.25	0.0000825	100425 Styrene	0 30YrCancerDerived	*	0
184 ALL	487640.16	3673565.25	0.0000635	100425 Styrene	0 30YrCancerDerived	*	0
185 ALL	487098.32	3673585.13	0.0000214	100425 Styrene	0 30YrCancerDerived	*	0
186 ALL	487119.16	3673585.13	0.0000218	100425 Styrene	0 30YrCancerDerived	*	0
187 ALL	487140	3673585.13	0.0000221	100425 Styrene	0 30YrCancerDerived	*	0
188 ALL	487160.84	3673585.13	0.0000226	100425 Styrene	0 30YrCancerDerived	*	0
189 ALL	487181.68	3673585.13	0.0000228	100425 Styrene	0 30YrCancerDerived	*	0
190 ALL	487202.52	3673585.13	0.0000229	100425 Styrene	0 30YrCancerDerived	*	0
191 ALL	487223.36	3673585.13	0.0000234	100425 Styrene	0 30YrCancerDerived	*	0
192 ALL	487244.2	3673585.13	0.0000242	100425 Styrene	0 30YrCancerDerived	*	0
193 ALL	487265.04	3673585.13	0.000025	100425 Styrene	0 30YrCancerDerived	*	0
194 ALL	487285.88	3673585.13	0.000026	100425 Styrene	0 30YrCancerDerived	*	0
195 ALL	487306.72	3673585.13	0.0000273	100425 Styrene	0 30YrCancerDerived	*	0
196 ALL	487327.56	3673585.13	0.0000284	100425 Styrene	0 30YrCancerDerived	*	0
197 ALL	487348.4	3673585.13	0.0000301	100425 Styrene	0 30YrCancerDerived	*	0
198 ALL	487369.24	3673585.13	0.0000324	100425 Styrene	0 30YrCancerDerived	*	0
199 ALL	487390.08	3673585.13	0.0000361	100425 Styrene	0 30YrCancerDerived	*	0
200 ALL	487410.92	3673585.13	0.0000379	100425 Styrene	0 30YrCancerDerived	*	0

201 ALL	487431.76	3673585.13	0.0000363	100425 Styrene	0 30YrCancerDerived	*	0
202 ALL	487452.6	3673585.13	0.0000373	100425 Styrene	0 30YrCancerDerived	*	0
203 ALL	487473.44	3673585.13	0.0000398	100425 Styrene	0 30YrCancerDerived	*	0
204 ALL	487494.28	3673585.13	0.0000432	100425 Styrene	0 30YrCancerDerived	*	0
205 ALL	487515.12	3673585.13	0.0000533	100425 Styrene	0 30YrCancerDerived	*	0
206 ALL	487535.96	3673585.13	0.00007	100425 Styrene	0 30YrCancerDerived	*	0
207 ALL	487556.8	3673585.13	0.000100957	100425 Styrene	0 30YrCancerDerived	*	0
208 ALL	487577.64	3673585.13	0.000126563	100425 Styrene	0 30YrCancerDerived	*	0
209 ALL	487598.48	3673585.13	0.0000828	100425 Styrene	0 30YrCancerDerived	*	0
210 ALL	487619.32	3673585.13	0.0000602	100425 Styrene	0 30YrCancerDerived	*	0
211 ALL	487098.32	3673605.01	0.0000222	100425 Styrene	0 30YrCancerDerived	*	0
212 ALL	487119.16	3673605.01	0.0000225	100425 Styrene	0 30YrCancerDerived	*	0
213 ALL	487140	3673605.01	0.0000229	100425 Styrene	0 30YrCancerDerived	*	0
214 ALL	487160.84	3673605.01	0.0000231	100425 Styrene	0 30YrCancerDerived	*	0
215 ALL	487181.68	3673605.01	0.0000229	100425 Styrene	0 30YrCancerDerived	*	0
216 ALL	487202.52	3673605.01	0.0000228	100425 Styrene	0 30YrCancerDerived	*	0
217 ALL	487223.36	3673605.01	0.0000231	100425 Styrene	0 30YrCancerDerived	*	0
218 ALL	487244.2	3673605.01	0.0000238	100425 Styrene	0 30YrCancerDerived	*	0
219 ALL	487265.04	3673605.01	0.0000248	100425 Styrene	0 30YrCancerDerived	*	0
220 ALL	487285.88	3673605.01	0.0000256	100425 Styrene	0 30YrCancerDerived	*	0
221 ALL	487306.72	3673605.01	0.0000265	100425 Styrene	0 30YrCancerDerived	*	0
222 ALL	487327.56	3673605.01	0.0000275	100425 Styrene	0 30YrCancerDerived	*	0
223 ALL	487348.4	3673605.01	0.0000292	100425 Styrene	0 30YrCancerDerived	*	0
224 ALL	487369.24	3673605.01	0.0000316	100425 Styrene	0 30YrCancerDerived	*	0
225 ALL	487390.08	3673605.01	0.0000351	100425 Styrene	0 30YrCancerDerived	*	0
226 ALL	487410.92	3673605.01	0.0000365	100425 Styrene	0 30YrCancerDerived	*	0
227 ALL	487431.76	3673605.01	0.0000344	100425 Styrene	0 30YrCancerDerived	*	0
228 ALL	487452.6	3673605.01	0.0000352	100425 Styrene	0 30YrCancerDerived	*	0
229 ALL	487473.44	3673605.01	0.0000377	100425 Styrene	0 30YrCancerDerived	*	0
230 ALL	487494.28	3673605.01	0.0000409	100425 Styrene	0 30YrCancerDerived	*	0
231 ALL	487515.12	3673605.01	0.0000467	100425 Styrene	0 30YrCancerDerived	*	0
232 ALL	487535.96	3673605.01	0.0000602	100425 Styrene	0 30YrCancerDerived	*	0
233 ALL	487556.8	3673605.01	0.000082	100425 Styrene	0 30YrCancerDerived	*	0
234 ALL	487577.64	3673605.01	0.0000774	100425 Styrene	0 30YrCancerDerived	*	0
235 ALL	487598.48	3673605.01	0.0000583	100425 Styrene	0 30YrCancerDerived	*	0

236 ALL	487119.16	3673624.89	0.0000236	100425 Styrene	0 30YrCancerDerived	*	0
237 ALL	487140	3673624.89	0.0000234	100425 Styrene	0 30YrCancerDerived	*	0
238 ALL	487160.84	3673624.89	0.0000234	100425 Styrene	0 30YrCancerDerived	*	0
239 ALL	487181.68	3673624.89	0.0000232	100425 Styrene	0 30YrCancerDerived	*	0
240 ALL	487202.52	3673624.89	0.000023	100425 Styrene	0 30YrCancerDerived	*	0
241 ALL	487223.36	3673624.89	0.0000231	100425 Styrene	0 30YrCancerDerived	*	0
242 ALL	487244.2	3673624.89	0.0000236	100425 Styrene	0 30YrCancerDerived	*	0
243 ALL	487265.04	3673624.89	0.0000246	100425 Styrene	0 30YrCancerDerived	*	0
244 ALL	487285.88	3673624.89	0.0000255	100425 Styrene	0 30YrCancerDerived	*	0
245 ALL	487306.72	3673624.89	0.0000264	100425 Styrene	0 30YrCancerDerived	*	0
246 ALL	487327.56	3673624.89	0.0000275	100425 Styrene	0 30YrCancerDerived	*	0
247 ALL	487348.4	3673624.89	0.0000292	100425 Styrene	0 30YrCancerDerived	*	0
248 ALL	487369.24	3673624.89	0.0000315	100425 Styrene	0 30YrCancerDerived	*	0
249 ALL	487390.08	3673624.89	0.0000348	100425 Styrene	0 30YrCancerDerived	*	0
250 ALL	487410.92	3673624.89	0.0000361	100425 Styrene	0 30YrCancerDerived	*	0
251 ALL	487431.76	3673624.89	0.0000337	100425 Styrene	0 30YrCancerDerived	*	0
252 ALL	487452.6	3673624.89	0.0000341	100425 Styrene	0 30YrCancerDerived	*	0
253 ALL	487473.44	3673624.89	0.0000362	100425 Styrene	0 30YrCancerDerived	*	0
254 ALL	487494.28	3673624.89	0.0000398	100425 Styrene	0 30YrCancerDerived	*	0
255 ALL	487515.12	3673624.89	0.0000453	100425 Styrene	0 30YrCancerDerived	*	0
256 ALL	487535.96	3673624.89	0.000056	100425 Styrene	0 30YrCancerDerived	*	0
257 ALL	487556.8	3673624.89	0.0000617	100425 Styrene	0 30YrCancerDerived	*	0
258 ALL	487577.64	3673624.89	0.0000541	100425 Styrene	0 30YrCancerDerived	*	0
259 ALL	487119.16	3673644.77	0.0000235	100425 Styrene	0 30YrCancerDerived	*	0
260 ALL	487140	3673644.77	0.0000232	100425 Styrene	0 30YrCancerDerived	*	0
261 ALL	487160.84	3673644.77	0.0000233	100425 Styrene	0 30YrCancerDerived	*	0
262 ALL	487181.68	3673644.77	0.0000233	100425 Styrene	0 30YrCancerDerived	*	0
263 ALL	487202.52	3673644.77	0.0000233	100425 Styrene	0 30YrCancerDerived	*	0
264 ALL	487223.36	3673644.77	0.0000233	100425 Styrene	0 30YrCancerDerived	*	0
265 ALL	487244.2	3673644.77	0.0000237	100425 Styrene	0 30YrCancerDerived	*	0
266 ALL	487265.04	3673644.77	0.0000246	100425 Styrene	0 30YrCancerDerived	*	0
267 ALL	487285.88	3673644.77	0.0000256	100425 Styrene	0 30YrCancerDerived	*	0
268 ALL	487306.72	3673644.77	0.0000266	100425 Styrene	0 30YrCancerDerived	*	0
269 ALL	487327.56	3673644.77	0.0000276	100425 Styrene	0 30YrCancerDerived	*	0
270 ALL	487348.4	3673644.77	0.0000291	100425 Styrene	0 30YrCancerDerived	*	0

271 ALL	487369.24	3673644.77	0.0000309	100425 Styrene	0 30YrCancerDerived	*	0
272 ALL	487390.08	3673644.77	0.0000338	100425 Styrene	0 30YrCancerDerived	*	0
273 ALL	487410.92	3673644.77	0.0000359	100425 Styrene	0 30YrCancerDerived	*	0
274 ALL	487431.76	3673644.77	0.000034	100425 Styrene	0 30YrCancerDerived	*	0
275 ALL	487452.6	3673644.77	0.0000335	100425 Styrene	0 30YrCancerDerived	*	0
276 ALL	487473.44	3673644.77	0.0000352	100425 Styrene	0 30YrCancerDerived	*	0
277 ALL	487494.28	3673644.77	0.0000394	100425 Styrene	0 30YrCancerDerived	*	0
278 ALL	487515.12	3673644.77	0.0000453	100425 Styrene	0 30YrCancerDerived	*	0
279 ALL	487535.96	3673644.77	0.0000515	100425 Styrene	0 30YrCancerDerived	*	0
280 ALL	487556.8	3673644.77	0.0000504	100425 Styrene	0 30YrCancerDerived	*	0
281 ALL	487160.84	3673664.65	0.0000229	100425 Styrene	0 30YrCancerDerived	*	0
282 ALL	487181.68	3673664.65	0.0000231	100425 Styrene	0 30YrCancerDerived	*	0
283 ALL	487202.52	3673664.65	0.0000232	100425 Styrene	0 30YrCancerDerived	*	0
284 ALL	487223.36	3673664.65	0.0000234	100425 Styrene	0 30YrCancerDerived	*	0
285 ALL	487244.2	3673664.65	0.0000239	100425 Styrene	0 30YrCancerDerived	*	0
286 ALL	487327.56	3673664.65	0.0000282	100425 Styrene	0 30YrCancerDerived	*	0
287 ALL	487348.4	3673664.65	0.0000296	100425 Styrene	0 30YrCancerDerived	*	0
288 ALL	487369.24	3673664.65	0.000031	100425 Styrene	0 30YrCancerDerived	*	0
289 ALL	487390.08	3673664.65	0.0000336	100425 Styrene	0 30YrCancerDerived	*	0
290 ALL	487410.92	3673664.65	0.000036	100425 Styrene	0 30YrCancerDerived	*	0
291 ALL	487431.76	3673664.65	0.0000343	100425 Styrene	0 30YrCancerDerived	*	0
292 ALL	487452.6	3673664.65	0.0000335	100425 Styrene	0 30YrCancerDerived	*	0
293 ALL	487473.44	3673664.65	0.0000351	100425 Styrene	0 30YrCancerDerived	*	0
294 ALL	487494.28	3673664.65	0.0000401	100425 Styrene	0 30YrCancerDerived	*	0
295 ALL	487515.12	3673664.65	0.0000451	100425 Styrene	0 30YrCancerDerived	*	0
296 ALL	487535.96	3673664.65	0.0000464	100425 Styrene	0 30YrCancerDerived	*	0
297 ALL	487348.4	3673684.53	0.0000305	100425 Styrene	0 30YrCancerDerived	*	0
298 ALL	487369.24	3673684.53	0.000032	100425 Styrene	0 30YrCancerDerived	*	0
299 ALL	487390.08	3673684.53	0.0000343	100425 Styrene	0 30YrCancerDerived	*	0
300 ALL	487410.92	3673684.53	0.0000354	100425 Styrene	0 30YrCancerDerived	*	0
301 ALL	487431.76	3673684.53	0.0000344	100425 Styrene	0 30YrCancerDerived	*	0
302 ALL	487452.6	3673684.53	0.0000339	100425 Styrene	0 30YrCancerDerived	*	0
303 ALL	487473.44	3673684.53	0.0000365	100425 Styrene	0 30YrCancerDerived	*	0
304 ALL	487494.28	3673684.53	0.0000413	100425 Styrene	0 30YrCancerDerived	*	0
305 ALL	487515.12	3673684.53	0.0000433	100425 Styrene	0 30YrCancerDerived	*	0

306 ALL	487390.08	3673704.41	0.000034	100425 Styrene	0 30YrCancerDerived	*	0
307 ALL	487410.92	3673704.41	0.0000345	100425 Styrene	0 30YrCancerDerived	*	0
308 ALL	487431.76	3673704.41	0.0000338	100425 Styrene	0 30YrCancerDerived	*	0
309 ALL	487452.6	3673704.41	0.0000345	100425 Styrene	0 30YrCancerDerived	*	0
310 ALL	487473.44	3673704.41	0.0000377	100425 Styrene	0 30YrCancerDerived	*	0
311 ALL	487494.28	3673704.41	0.0000407	100425 Styrene	0 30YrCancerDerived	*	0
312 ALL	487390.08	3673724.29	0.0000335	100425 Styrene	0 30YrCancerDerived	*	0
313 ALL	487410.92	3673724.29	0.000034	100425 Styrene	0 30YrCancerDerived	*	0
314 ALL	487431.76	3673724.29	0.0000339	100425 Styrene	0 30YrCancerDerived	*	0
315 ALL	487452.6	3673724.29	0.0000351	100425 Styrene	0 30YrCancerDerived	*	0
316 ALL	487473.44	3673724.29	0.000038	100425 Styrene	0 30YrCancerDerived	*	0
317 ALL	487410.92	3673744.17	0.0000338	100425 Styrene	0 30YrCancerDerived	*	0
318 ALL	487431.76	3673744.17	0.0000343	100425 Styrene	0 30YrCancerDerived	*	0
319 ALL	487452.6	3673744.17	0.0000357	100425 Styrene	0 30YrCancerDerived	*	0
320 ALL	487473.44	3673744.17	0.0000374	100425 Styrene	0 30YrCancerDerived	*	0
321 ALL	487410.92	3673764.05	0.0000338	100425 Styrene	0 30YrCancerDerived	*	0
322 ALL	487431.76	3673764.05	0.0000344	100425 Styrene	0 30YrCancerDerived	*	0
323 ALL	487452.6	3673764.05	0.000036	100425 Styrene	0 30YrCancerDerived	*	0
324 ALL	487431.76	3673783.93	0.0000345	100425 Styrene	0 30YrCancerDerived	*	0
325 ALL	487452.6	3673783.93	0.0000359	100425 Styrene	0 30YrCancerDerived	*	0
326 ALL	487014.96	3674221.29	0.0000276	100425 Styrene	0 30YrCancerDerived	*	0
327 ALL	487035.8	3674221.29	0.0000279	100425 Styrene	0 30YrCancerDerived	*	0
328 ALL	487056.64	3674221.29	0.0000283	100425 Styrene	0 30YrCancerDerived	*	0
329 ALL	487077.48	3674221.29	0.0000287	100425 Styrene	0 30YrCancerDerived	*	0
330 ALL	487098.32	3674221.29	0.0000292	100425 Styrene	0 30YrCancerDerived	*	0
331 ALL	487119.16	3674221.29	0.0000298	100425 Styrene	0 30YrCancerDerived	*	0
332 ALL	487140	3674221.29	0.0000308	100425 Styrene	0 30YrCancerDerived	*	0
333 ALL	487160.84	3674221.29	0.0000317	100425 Styrene	0 30YrCancerDerived	*	0
334 ALL	487181.68	3674221.29	0.0000328	100425 Styrene	0 30YrCancerDerived	*	0
335 ALL	486973.28	3674241.17	0.0000271	100425 Styrene	0 30YrCancerDerived	*	0
336 ALL	486994.12	3674241.17	0.000027	100425 Styrene	0 30YrCancerDerived	*	0
337 ALL	487014.96	3674241.17	0.0000274	100425 Styrene	0 30YrCancerDerived	*	0
338 ALL	487035.8	3674241.17	0.000028	100425 Styrene	0 30YrCancerDerived	*	0
339 ALL	487056.64	3674241.17	0.0000286	100425 Styrene	0 30YrCancerDerived	*	0
340 ALL	487077.48	3674241.17	0.0000289	100425 Styrene	0 30YrCancerDerived	*	0

341 ALL	487098.32	3674241.17	0.0000295	100425 Styrene	0 30YrCancerDerived	*	0
342 ALL	487119.16	3674241.17	0.0000303	100425 Styrene	0 30YrCancerDerived	*	0
343 ALL	487140	3674241.17	0.0000314	100425 Styrene	0 30YrCancerDerived	*	0
344 ALL	487160.84	3674241.17	0.0000326	100425 Styrene	0 30YrCancerDerived	*	0
345 ALL	487181.68	3674241.17	0.0000339	100425 Styrene	0 30YrCancerDerived	*	0
346 ALL	486952.44	3674261.05	0.000027	100425 Styrene	0 30YrCancerDerived	*	0
347 ALL	486973.28	3674261.05	0.0000267	100425 Styrene	0 30YrCancerDerived	*	0
348 ALL	486994.12	3674261.05	0.0000268	100425 Styrene	0 30YrCancerDerived	*	0
349 ALL	487014.96	3674261.05	0.0000274	100425 Styrene	0 30YrCancerDerived	*	0
350 ALL	487035.8	3674261.05	0.000028	100425 Styrene	0 30YrCancerDerived	*	0
351 ALL	487056.64	3674261.05	0.0000285	100425 Styrene	0 30YrCancerDerived	*	0
352 ALL	487077.48	3674261.05	0.000029	100425 Styrene	0 30YrCancerDerived	*	0
353 ALL	487098.32	3674261.05	0.0000297	100425 Styrene	0 30YrCancerDerived	*	0
354 ALL	487119.16	3674261.05	0.0000307	100425 Styrene	0 30YrCancerDerived	*	0
355 ALL	487140	3674261.05	0.0000318	100425 Styrene	0 30YrCancerDerived	*	0
356 ALL	487160.84	3674261.05	0.0000331	100425 Styrene	0 30YrCancerDerived	*	0
357 ALL	487181.68	3674261.05	0.0000348	100425 Styrene	0 30YrCancerDerived	*	0
358 ALL	486931.6	3674280.93	0.0000276	100425 Styrene	0 30YrCancerDerived	*	0
359 ALL	486952.44	3674280.93	0.0000268	100425 Styrene	0 30YrCancerDerived	*	0
360 ALL	486973.28	3674280.93	0.0000266	100425 Styrene	0 30YrCancerDerived	*	0
361 ALL	486994.12	3674280.93	0.0000269	100425 Styrene	0 30YrCancerDerived	*	0
362 ALL	487014.96	3674280.93	0.0000274	100425 Styrene	0 30YrCancerDerived	*	0
363 ALL	487035.8	3674280.93	0.0000281	100425 Styrene	0 30YrCancerDerived	*	0
364 ALL	487056.64	3674280.93	0.0000285	100425 Styrene	0 30YrCancerDerived	*	0
365 ALL	487077.48	3674280.93	0.000029	100425 Styrene	0 30YrCancerDerived	*	0
366 ALL	487098.32	3674280.93	0.0000301	100425 Styrene	0 30YrCancerDerived	*	0
367 ALL	487119.16	3674280.93	0.0000313	100425 Styrene	0 30YrCancerDerived	*	0
368 ALL	487140	3674280.93	0.0000324	100425 Styrene	0 30YrCancerDerived	*	0
369 ALL	487160.84	3674280.93	0.0000337	100425 Styrene	0 30YrCancerDerived	*	0
370 ALL	487181.68	3674280.93	0.0000358	100425 Styrene	0 30YrCancerDerived	*	0
371 ALL	486889.92	3674300.81	0.0000309	100425 Styrene	0 30YrCancerDerived	*	0
372 ALL	486910.76	3674300.81	0.0000289	100425 Styrene	0 30YrCancerDerived	*	0
373 ALL	486931.6	3674300.81	0.0000273	100425 Styrene	0 30YrCancerDerived	*	0
374 ALL	486952.44	3674300.81	0.0000268	100425 Styrene	0 30YrCancerDerived	*	0
375 ALL	486973.28	3674300.81	0.0000267	100425 Styrene	0 30YrCancerDerived	*	0

376 ALL	486994.12	3674300.81	0.0000271	100425 Styrene	0 30YrCancerDerived	*	0
377 ALL	487014.96	3674300.81	0.0000276	100425 Styrene	0 30YrCancerDerived	*	0
378 ALL	487035.8	3674300.81	0.0000282	100425 Styrene	0 30YrCancerDerived	*	0
379 ALL	487056.64	3674300.81	0.0000287	100425 Styrene	0 30YrCancerDerived	*	0
380 ALL	487077.48	3674300.81	0.0000294	100425 Styrene	0 30YrCancerDerived	*	0
381 ALL	487098.32	3674300.81	0.0000308	100425 Styrene	0 30YrCancerDerived	*	0
382 ALL	487119.16	3674300.81	0.0000322	100425 Styrene	0 30YrCancerDerived	*	0
383 ALL	487140	3674300.81	0.0000332	100425 Styrene	0 30YrCancerDerived	*	0
384 ALL	487160.84	3674300.81	0.0000346	100425 Styrene	0 30YrCancerDerived	*	0
385 ALL	487181.68	3674300.81	0.0000369	100425 Styrene	0 30YrCancerDerived	*	0
386 ALL	486869.08	3674320.69	0.0000344	100425 Styrene	0 30YrCancerDerived	*	0
387 ALL	486889.92	3674320.69	0.0000314	100425 Styrene	0 30YrCancerDerived	*	0
388 ALL	486910.76	3674320.69	0.000029	100425 Styrene	0 30YrCancerDerived	*	0
389 ALL	486931.6	3674320.69	0.0000274	100425 Styrene	0 30YrCancerDerived	*	0
390 ALL	486952.44	3674320.69	0.0000271	100425 Styrene	0 30YrCancerDerived	*	0
391 ALL	486973.28	3674320.69	0.0000271	100425 Styrene	0 30YrCancerDerived	*	0
392 ALL	486994.12	3674320.69	0.0000275	100425 Styrene	0 30YrCancerDerived	*	0
393 ALL	487014.96	3674320.69	0.0000282	100425 Styrene	0 30YrCancerDerived	*	0
394 ALL	487035.8	3674320.69	0.0000287	100425 Styrene	0 30YrCancerDerived	*	0
395 ALL	487056.64	3674320.69	0.0000291	100425 Styrene	0 30YrCancerDerived	*	0
396 ALL	487077.48	3674320.69	0.0000301	100425 Styrene	0 30YrCancerDerived	*	0
397 ALL	487098.32	3674320.69	0.0000315	100425 Styrene	0 30YrCancerDerived	*	0
398 ALL	487119.16	3674320.69	0.0000329	100425 Styrene	0 30YrCancerDerived	*	0
399 ALL	487140	3674320.69	0.0000343	100425 Styrene	0 30YrCancerDerived	*	0
400 ALL	487160.84	3674320.69	0.0000358	100425 Styrene	0 30YrCancerDerived	*	0
401 ALL	487181.68	3674320.69	0.000038	100425 Styrene	0 30YrCancerDerived	*	0
402 ALL	486848.24	3674340.57	0.0000422	100425 Styrene	0 30YrCancerDerived	*	0
403 ALL	486869.08	3674340.57	0.0000363	100425 Styrene	0 30YrCancerDerived	*	0
404 ALL	486889.92	3674340.57	0.0000326	100425 Styrene	0 30YrCancerDerived	*	0
405 ALL	486910.76	3674340.57	0.0000299	100425 Styrene	0 30YrCancerDerived	*	0
406 ALL	486931.6	3674340.57	0.0000279	100425 Styrene	0 30YrCancerDerived	*	0
407 ALL	486952.44	3674340.57	0.0000276	100425 Styrene	0 30YrCancerDerived	*	0
408 ALL	486973.28	3674340.57	0.0000278	100425 Styrene	0 30YrCancerDerived	*	0
409 ALL	486994.12	3674340.57	0.0000284	100425 Styrene	0 30YrCancerDerived	*	0
410 ALL	487014.96	3674340.57	0.000029	100425 Styrene	0 30YrCancerDerived	*	0

411 ALL	487035.8	3674340.57	0.0000294	100425 Styrene	0 30YrCancerDerived	*	0
412 ALL	487056.64	3674340.57	0.0000298	100425 Styrene	0 30YrCancerDerived	*	0
413 ALL	487077.48	3674340.57	0.0000308	100425 Styrene	0 30YrCancerDerived	*	0
414 ALL	487098.32	3674340.57	0.0000322	100425 Styrene	0 30YrCancerDerived	*	0
415 ALL	487119.16	3674340.57	0.0000335	100425 Styrene	0 30YrCancerDerived	*	0
416 ALL	487140	3674340.57	0.0000352	100425 Styrene	0 30YrCancerDerived	*	0
417 ALL	487160.84	3674340.57	0.0000372	100425 Styrene	0 30YrCancerDerived	*	0
418 ALL	487181.68	3674340.57	0.0000396	100425 Styrene	0 30YrCancerDerived	*	0
419 ALL	486806.56	3674360.45	0.0000571	100425 Styrene	0 30YrCancerDerived	*	0
420 ALL	486827.4	3674360.45	0.0000489	100425 Styrene	0 30YrCancerDerived	*	0
421 ALL	486848.24	3674360.45	0.0000428	100425 Styrene	0 30YrCancerDerived	*	0
422 ALL	486869.08	3674360.45	0.000038	100425 Styrene	0 30YrCancerDerived	*	0
423 ALL	486889.92	3674360.45	0.0000342	100425 Styrene	0 30YrCancerDerived	*	0
424 ALL	486910.76	3674360.45	0.0000313	100425 Styrene	0 30YrCancerDerived	*	0
425 ALL	486931.6	3674360.45	0.0000293	100425 Styrene	0 30YrCancerDerived	*	0
426 ALL	486952.44	3674360.45	0.0000286	100425 Styrene	0 30YrCancerDerived	*	0
427 ALL	486973.28	3674360.45	0.0000288	100425 Styrene	0 30YrCancerDerived	*	0
428 ALL	486994.12	3674360.45	0.0000294	100425 Styrene	0 30YrCancerDerived	*	0
429 ALL	487014.96	3674360.45	0.0000298	100425 Styrene	0 30YrCancerDerived	*	0
430 ALL	487035.8	3674360.45	0.0000301	100425 Styrene	0 30YrCancerDerived	*	0
431 ALL	487056.64	3674360.45	0.0000306	100425 Styrene	0 30YrCancerDerived	*	0
432 ALL	487077.48	3674360.45	0.0000315	100425 Styrene	0 30YrCancerDerived	*	0
433 ALL	487098.32	3674360.45	0.0000328	100425 Styrene	0 30YrCancerDerived	*	0
434 ALL	487119.16	3674360.45	0.0000341	100425 Styrene	0 30YrCancerDerived	*	0
435 ALL	487140	3674360.45	0.0000357	100425 Styrene	0 30YrCancerDerived	*	0
436 ALL	487160.84	3674360.45	0.0000381	100425 Styrene	0 30YrCancerDerived	*	0
437 ALL	487181.68	3674360.45	0.0000411	100425 Styrene	0 30YrCancerDerived	*	0
438 ALL	486785.72	3674380.33	0.0000505	100425 Styrene	0 30YrCancerDerived	*	0
439 ALL	486806.56	3674380.33	0.0000501	100425 Styrene	0 30YrCancerDerived	*	0
440 ALL	486827.4	3674380.33	0.000046	100425 Styrene	0 30YrCancerDerived	*	0
441 ALL	486848.24	3674380.33	0.0000422	100425 Styrene	0 30YrCancerDerived	*	0
442 ALL	486869.08	3674380.33	0.0000391	100425 Styrene	0 30YrCancerDerived	*	0
443 ALL	486889.92	3674380.33	0.0000359	100425 Styrene	0 30YrCancerDerived	*	0
444 ALL	486910.76	3674380.33	0.0000328	100425 Styrene	0 30YrCancerDerived	*	0
445 ALL	486931.6	3674380.33	0.0000312	100425 Styrene	0 30YrCancerDerived	*	0

446 ALL	486952.44	3674380.33	0.0000302	100425 Styrene	0 30YrCancerDerived	*	0
447 ALL	486973.28	3674380.33	0.0000301	100425 Styrene	0 30YrCancerDerived	*	0
448 ALL	486994.12	3674380.33	0.0000304	100425 Styrene	0 30YrCancerDerived	*	0
449 ALL	487014.96	3674380.33	0.0000306	100425 Styrene	0 30YrCancerDerived	*	0
450 ALL	487035.8	3674380.33	0.0000308	100425 Styrene	0 30YrCancerDerived	*	0
451 ALL	487056.64	3674380.33	0.0000314	100425 Styrene	0 30YrCancerDerived	*	0
452 ALL	487077.48	3674380.33	0.0000324	100425 Styrene	0 30YrCancerDerived	*	0
453 ALL	487098.32	3674380.33	0.0000335	100425 Styrene	0 30YrCancerDerived	*	0
454 ALL	487119.16	3674380.33	0.0000348	100425 Styrene	0 30YrCancerDerived	*	0
455 ALL	487140	3674380.33	0.0000363	100425 Styrene	0 30YrCancerDerived	*	0
456 ALL	487160.84	3674380.33	0.0000385	100425 Styrene	0 30YrCancerDerived	*	0
457 ALL	487181.68	3674380.33	0.0000416	100425 Styrene	0 30YrCancerDerived	*	0
458 ALL	486702.36	3674400.21	0.0000297	100425 Styrene	0 30YrCancerDerived	*	0
459 ALL	486723.2	3674400.21	0.0000322	100425 Styrene	0 30YrCancerDerived	*	0
460 ALL	486744.04	3674400.21	0.0000369	100425 Styrene	0 30YrCancerDerived	*	0
461 ALL	486764.88	3674400.21	0.0000443	100425 Styrene	0 30YrCancerDerived	*	0
462 ALL	486785.72	3674400.21	0.0000484	100425 Styrene	0 30YrCancerDerived	*	0
463 ALL	486806.56	3674400.21	0.0000449	100425 Styrene	0 30YrCancerDerived	*	0
464 ALL	486827.4	3674400.21	0.0000422	100425 Styrene	0 30YrCancerDerived	*	0
465 ALL	486848.24	3674400.21	0.0000415	100425 Styrene	0 30YrCancerDerived	*	0
466 ALL	486869.08	3674400.21	0.0000402	100425 Styrene	0 30YrCancerDerived	*	0
467 ALL	486889.92	3674400.21	0.000037	100425 Styrene	0 30YrCancerDerived	*	0
468 ALL	486910.76	3674400.21	0.0000342	100425 Styrene	0 30YrCancerDerived	*	0
469 ALL	486931.6	3674400.21	0.000033	100425 Styrene	0 30YrCancerDerived	*	0
470 ALL	486952.44	3674400.21	0.0000322	100425 Styrene	0 30YrCancerDerived	*	0
471 ALL	486973.28	3674400.21	0.0000317	100425 Styrene	0 30YrCancerDerived	*	0
472 ALL	486994.12	3674400.21	0.0000316	100425 Styrene	0 30YrCancerDerived	*	0
473 ALL	487014.96	3674400.21	0.0000313	100425 Styrene	0 30YrCancerDerived	*	0
474 ALL	487035.8	3674400.21	0.0000316	100425 Styrene	0 30YrCancerDerived	*	0
475 ALL	487056.64	3674400.21	0.0000323	100425 Styrene	0 30YrCancerDerived	*	0
476 ALL	487077.48	3674400.21	0.0000332	100425 Styrene	0 30YrCancerDerived	*	0
477 ALL	487098.32	3674400.21	0.0000344	100425 Styrene	0 30YrCancerDerived	*	0
478 ALL	487119.16	3674400.21	0.0000357	100425 Styrene	0 30YrCancerDerived	*	0
479 ALL	487140	3674400.21	0.0000374	100425 Styrene	0 30YrCancerDerived	*	0
480 ALL	487160.84	3674400.21	0.0000395	100425 Styrene	0 30YrCancerDerived	*	0

481 ALL	487181.68	3674400.21	0.0000423	100425 Styrene	0 30YrCancerDerived	*	0
482 ALL	486619	3674420.09	0.0000232	100425 Styrene	0 30YrCancerDerived	*	0
483 ALL	486639.84	3674420.09	0.0000246	100425 Styrene	0 30YrCancerDerived	*	0
484 ALL	486660.68	3674420.09	0.0000262	100425 Styrene	0 30YrCancerDerived	*	0
485 ALL	486681.52	3674420.09	0.0000279	100425 Styrene	0 30YrCancerDerived	*	0
486 ALL	486702.36	3674420.09	0.0000304	100425 Styrene	0 30YrCancerDerived	*	0
487 ALL	486723.2	3674420.09	0.0000333	100425 Styrene	0 30YrCancerDerived	*	0
488 ALL	486744.04	3674420.09	0.0000378	100425 Styrene	0 30YrCancerDerived	*	0
489 ALL	486764.88	3674420.09	0.0000447	100425 Styrene	0 30YrCancerDerived	*	0
490 ALL	486785.72	3674420.09	0.0000477	100425 Styrene	0 30YrCancerDerived	*	0
491 ALL	486806.56	3674420.09	0.0000434	100425 Styrene	0 30YrCancerDerived	*	0
492 ALL	486827.4	3674420.09	0.0000393	100425 Styrene	0 30YrCancerDerived	*	0
493 ALL	486848.24	3674420.09	0.0000389	100425 Styrene	0 30YrCancerDerived	*	0
494 ALL	486869.08	3674420.09	0.0000397	100425 Styrene	0 30YrCancerDerived	*	0
495 ALL	486889.92	3674420.09	0.000038	100425 Styrene	0 30YrCancerDerived	*	0
496 ALL	486910.76	3674420.09	0.0000355	100425 Styrene	0 30YrCancerDerived	*	0
497 ALL	486931.6	3674420.09	0.0000345	100425 Styrene	0 30YrCancerDerived	*	0
498 ALL	486952.44	3674420.09	0.0000339	100425 Styrene	0 30YrCancerDerived	*	0
499 ALL	486973.28	3674420.09	0.0000334	100425 Styrene	0 30YrCancerDerived	*	0
500 ALL	486994.12	3674420.09	0.0000326	100425 Styrene	0 30YrCancerDerived	*	0
501 ALL	487014.96	3674420.09	0.0000326	100425 Styrene	0 30YrCancerDerived	*	0
502 ALL	487035.8	3674420.09	0.0000327	100425 Styrene	0 30YrCancerDerived	*	0
503 ALL	487056.64	3674420.09	0.0000334	100425 Styrene	0 30YrCancerDerived	*	0
504 ALL	487077.48	3674420.09	0.000034	100425 Styrene	0 30YrCancerDerived	*	0
505 ALL	487098.32	3674420.09	0.0000351	100425 Styrene	0 30YrCancerDerived	*	0
506 ALL	487119.16	3674420.09	0.0000367	100425 Styrene	0 30YrCancerDerived	*	0
507 ALL	487140	3674420.09	0.0000386	100425 Styrene	0 30YrCancerDerived	*	0
508 ALL	487160.84	3674420.09	0.0000413	100425 Styrene	0 30YrCancerDerived	*	0
509 ALL	487181.68	3674420.09	0.000044	100425 Styrene	0 30YrCancerDerived	*	0
510 ALL	486577.32	3674439.97	0.0000217	100425 Styrene	0 30YrCancerDerived	*	0
511 ALL	486598.16	3674439.97	0.0000225	100425 Styrene	0 30YrCancerDerived	*	0
512 ALL	486619	3674439.97	0.0000237	100425 Styrene	0 30YrCancerDerived	*	0
513 ALL	486639.84	3674439.97	0.0000253	100425 Styrene	0 30YrCancerDerived	*	0
514 ALL	486660.68	3674439.97	0.0000271	100425 Styrene	0 30YrCancerDerived	*	0
515 ALL	486681.52	3674439.97	0.0000295	100425 Styrene	0 30YrCancerDerived	*	0

516 ALL	486702.36	3674439.97	0.0000314	100425 Styrene	0 30YrCancerDerived	*	0
517 ALL	486723.2	3674439.97	0.0000346	100425 Styrene	0 30YrCancerDerived	*	0
518 ALL	486744.04	3674439.97	0.0000391	100425 Styrene	0 30YrCancerDerived	*	0
519 ALL	486764.88	3674439.97	0.000044	100425 Styrene	0 30YrCancerDerived	*	0
520 ALL	486785.72	3674439.97	0.000046	100425 Styrene	0 30YrCancerDerived	*	0
521 ALL	486806.56	3674439.97	0.0000421	100425 Styrene	0 30YrCancerDerived	*	0
522 ALL	486827.4	3674439.97	0.0000375	100425 Styrene	0 30YrCancerDerived	*	0
523 ALL	486848.24	3674439.97	0.0000357	100425 Styrene	0 30YrCancerDerived	*	0
524 ALL	486869.08	3674439.97	0.0000363	100425 Styrene	0 30YrCancerDerived	*	0
525 ALL	486889.92	3674439.97	0.0000373	100425 Styrene	0 30YrCancerDerived	*	0
526 ALL	486910.76	3674439.97	0.0000363	100425 Styrene	0 30YrCancerDerived	*	0
527 ALL	486931.6	3674439.97	0.0000355	100425 Styrene	0 30YrCancerDerived	*	0
528 ALL	486952.44	3674439.97	0.0000353	100425 Styrene	0 30YrCancerDerived	*	0
529 ALL	486973.28	3674439.97	0.0000348	100425 Styrene	0 30YrCancerDerived	*	0
530 ALL	486994.12	3674439.97	0.0000339	100425 Styrene	0 30YrCancerDerived	*	0
531 ALL	487014.96	3674439.97	0.0000336	100425 Styrene	0 30YrCancerDerived	*	0
532 ALL	487035.8	3674439.97	0.0000338	100425 Styrene	0 30YrCancerDerived	*	0
533 ALL	487056.64	3674439.97	0.0000341	100425 Styrene	0 30YrCancerDerived	*	0
534 ALL	487077.48	3674439.97	0.0000347	100425 Styrene	0 30YrCancerDerived	*	0
535 ALL	487098.32	3674439.97	0.0000359	100425 Styrene	0 30YrCancerDerived	*	0
536 ALL	487119.16	3674439.97	0.0000375	100425 Styrene	0 30YrCancerDerived	*	0
537 ALL	487140	3674439.97	0.0000396	100425 Styrene	0 30YrCancerDerived	*	0
538 ALL	487160.84	3674439.97	0.0000422	100425 Styrene	0 30YrCancerDerived	*	0
539 ALL	487181.68	3674439.97	0.0000452	100425 Styrene	0 30YrCancerDerived	*	0
540 ALL	486556.48	3674459.85	0.0000211	100425 Styrene	0 30YrCancerDerived	*	0
541 ALL	486577.32	3674459.85	0.0000217	100425 Styrene	0 30YrCancerDerived	*	0
542 ALL	486598.16	3674459.85	0.0000223	100425 Styrene	0 30YrCancerDerived	*	0
543 ALL	486619	3674459.85	0.0000232	100425 Styrene	0 30YrCancerDerived	*	0
544 ALL	486639.84	3674459.85	0.0000249	100425 Styrene	0 30YrCancerDerived	*	0
545 ALL	486660.68	3674459.85	0.0000269	100425 Styrene	0 30YrCancerDerived	*	0
546 ALL	486681.52	3674459.85	0.0000286	100425 Styrene	0 30YrCancerDerived	*	0
547 ALL	486702.36	3674459.85	0.0000303	100425 Styrene	0 30YrCancerDerived	*	0
548 ALL	486723.2	3674459.85	0.0000329	100425 Styrene	0 30YrCancerDerived	*	0
549 ALL	486744.04	3674459.85	0.000036	100425 Styrene	0 30YrCancerDerived	*	0
550 ALL	486764.88	3674459.85	0.0000391	100425 Styrene	0 30YrCancerDerived	*	0

551 ALL	486785.72	3674459.85	0.0000416	100425 Styrene	0 30YrCancerDerived	*	0
552 ALL	486806.56	3674459.85	0.0000403	100425 Styrene	0 30YrCancerDerived	*	0
553 ALL	486827.4	3674459.85	0.0000363	100425 Styrene	0 30YrCancerDerived	*	0
554 ALL	486848.24	3674459.85	0.0000335	100425 Styrene	0 30YrCancerDerived	*	0
555 ALL	486869.08	3674459.85	0.0000337	100425 Styrene	0 30YrCancerDerived	*	0
556 ALL	486889.92	3674459.85	0.0000349	100425 Styrene	0 30YrCancerDerived	*	0
557 ALL	486910.76	3674459.85	0.0000347	100425 Styrene	0 30YrCancerDerived	*	0
558 ALL	486931.6	3674459.85	0.0000347	100425 Styrene	0 30YrCancerDerived	*	0
559 ALL	486952.44	3674459.85	0.0000355	100425 Styrene	0 30YrCancerDerived	*	0
560 ALL	486973.28	3674459.85	0.0000354	100425 Styrene	0 30YrCancerDerived	*	0
561 ALL	486994.12	3674459.85	0.0000348	100425 Styrene	0 30YrCancerDerived	*	0
562 ALL	487014.96	3674459.85	0.0000341	100425 Styrene	0 30YrCancerDerived	*	0
563 ALL	487035.8	3674459.85	0.0000341	100425 Styrene	0 30YrCancerDerived	*	0
564 ALL	487056.64	3674459.85	0.0000348	100425 Styrene	0 30YrCancerDerived	*	0
565 ALL	487077.48	3674459.85	0.0000356	100425 Styrene	0 30YrCancerDerived	*	0
566 ALL	487098.32	3674459.85	0.0000366	100425 Styrene	0 30YrCancerDerived	*	0
567 ALL	487119.16	3674459.85	0.0000382	100425 Styrene	0 30YrCancerDerived	*	0
568 ALL	487140	3674459.85	0.0000401	100425 Styrene	0 30YrCancerDerived	*	0
569 ALL	487160.84	3674459.85	0.0000423	100425 Styrene	0 30YrCancerDerived	*	0
570 ALL	487181.68	3674459.85	0.0000454	100425 Styrene	0 30YrCancerDerived	*	0
571 ALL	486535.64	3674479.73	0.0000208	100425 Styrene	0 30YrCancerDerived	*	0
572 ALL	486556.48	3674479.73	0.0000212	100425 Styrene	0 30YrCancerDerived	*	0
573 ALL	486577.32	3674479.73	0.0000217	100425 Styrene	0 30YrCancerDerived	*	0
574 ALL	486598.16	3674479.73	0.0000224	100425 Styrene	0 30YrCancerDerived	*	0
575 ALL	486619	3674479.73	0.0000231	100425 Styrene	0 30YrCancerDerived	*	0
576 ALL	486639.84	3674479.73	0.0000245	100425 Styrene	0 30YrCancerDerived	*	0
577 ALL	486660.68	3674479.73	0.0000262	100425 Styrene	0 30YrCancerDerived	*	0
578 ALL	486681.52	3674479.73	0.0000273	100425 Styrene	0 30YrCancerDerived	*	0
579 ALL	486702.36	3674479.73	0.0000288	100425 Styrene	0 30YrCancerDerived	*	0
580 ALL	486723.2	3674479.73	0.0000311	100425 Styrene	0 30YrCancerDerived	*	0
581 ALL	486744.04	3674479.73	0.0000336	100425 Styrene	0 30YrCancerDerived	*	0
582 ALL	486764.88	3674479.73	0.0000353	100425 Styrene	0 30YrCancerDerived	*	0
583 ALL	486785.72	3674479.73	0.0000374	100425 Styrene	0 30YrCancerDerived	*	0
584 ALL	486806.56	3674479.73	0.0000372	100425 Styrene	0 30YrCancerDerived	*	0
585 ALL	486827.4	3674479.73	0.0000351	100425 Styrene	0 30YrCancerDerived	*	0

586 ALL	486848.24	3674479.73	0.0000327	100425 Styrene	0 30YrCancerDerived	*	0
587 ALL	486869.08	3674479.73	0.0000322	100425 Styrene	0 30YrCancerDerived	*	0
588 ALL	486889.92	3674479.73	0.0000329	100425 Styrene	0 30YrCancerDerived	*	0
589 ALL	486910.76	3674479.73	0.0000336	100425 Styrene	0 30YrCancerDerived	*	0
590 ALL	486931.6	3674479.73	0.0000341	100425 Styrene	0 30YrCancerDerived	*	0
591 ALL	486952.44	3674479.73	0.0000349	100425 Styrene	0 30YrCancerDerived	*	0
592 ALL	486973.28	3674479.73	0.0000353	100425 Styrene	0 30YrCancerDerived	*	0
593 ALL	486994.12	3674479.73	0.0000349	100425 Styrene	0 30YrCancerDerived	*	0
594 ALL	487014.96	3674479.73	0.0000346	100425 Styrene	0 30YrCancerDerived	*	0
595 ALL	487035.8	3674479.73	0.0000349	100425 Styrene	0 30YrCancerDerived	*	0
596 ALL	487056.64	3674479.73	0.0000357	100425 Styrene	0 30YrCancerDerived	*	0
597 ALL	487077.48	3674479.73	0.0000366	100425 Styrene	0 30YrCancerDerived	*	0
598 ALL	487098.32	3674479.73	0.0000378	100425 Styrene	0 30YrCancerDerived	*	0
599 ALL	487119.16	3674479.73	0.0000393	100425 Styrene	0 30YrCancerDerived	*	0
600 ALL	487140	3674479.73	0.0000409	100425 Styrene	0 30YrCancerDerived	*	0
601 ALL	487160.84	3674479.73	0.0000432	100425 Styrene	0 30YrCancerDerived	*	0
602 ALL	486514.8	3674499.61	0.0000207	100425 Styrene	0 30YrCancerDerived	*	0
603 ALL	486535.64	3674499.61	0.0000212	100425 Styrene	0 30YrCancerDerived	*	0
604 ALL	486556.48	3674499.61	0.0000216	100425 Styrene	0 30YrCancerDerived	*	0
605 ALL	486577.32	3674499.61	0.0000221	100425 Styrene	0 30YrCancerDerived	*	0
606 ALL	486598.16	3674499.61	0.0000228	100425 Styrene	0 30YrCancerDerived	*	0
607 ALL	486619	3674499.61	0.0000236	100425 Styrene	0 30YrCancerDerived	*	0
608 ALL	486639.84	3674499.61	0.0000246	100425 Styrene	0 30YrCancerDerived	*	0
609 ALL	486660.68	3674499.61	0.0000257	100425 Styrene	0 30YrCancerDerived	*	0
610 ALL	486681.52	3674499.61	0.0000262	100425 Styrene	0 30YrCancerDerived	*	0
611 ALL	486702.36	3674499.61	0.0000276	100425 Styrene	0 30YrCancerDerived	*	0
612 ALL	486723.2	3674499.61	0.0000297	100425 Styrene	0 30YrCancerDerived	*	0
613 ALL	486744.04	3674499.61	0.0000307	100425 Styrene	0 30YrCancerDerived	*	0
614 ALL	486764.88	3674499.61	0.000032	100425 Styrene	0 30YrCancerDerived	*	0
615 ALL	486785.72	3674499.61	0.0000344	100425 Styrene	0 30YrCancerDerived	*	0
616 ALL	486806.56	3674499.61	0.0000335	100425 Styrene	0 30YrCancerDerived	*	0
617 ALL	486827.4	3674499.61	0.0000324	100425 Styrene	0 30YrCancerDerived	*	0
618 ALL	486848.24	3674499.61	0.0000317	100425 Styrene	0 30YrCancerDerived	*	0
619 ALL	486869.08	3674499.61	0.0000314	100425 Styrene	0 30YrCancerDerived	*	0
620 ALL	486889.92	3674499.61	0.0000319	100425 Styrene	0 30YrCancerDerived	*	0

621 ALL	486910.76	3674499.61	0.0000329	100425 Styrene	0 30YrCancerDerived	*	0
622 ALL	486931.6	3674499.61	0.0000335	100425 Styrene	0 30YrCancerDerived	*	0
623 ALL	486952.44	3674499.61	0.0000342	100425 Styrene	0 30YrCancerDerived	*	0
624 ALL	486973.28	3674499.61	0.0000351	100425 Styrene	0 30YrCancerDerived	*	0
625 ALL	486994.12	3674499.61	0.0000355	100425 Styrene	0 30YrCancerDerived	*	0
626 ALL	487014.96	3674499.61	0.0000354	100425 Styrene	0 30YrCancerDerived	*	0
627 ALL	487035.8	3674499.61	0.0000358	100425 Styrene	0 30YrCancerDerived	*	0
628 ALL	487056.64	3674499.61	0.0000367	100425 Styrene	0 30YrCancerDerived	*	0
629 ALL	487077.48	3674499.61	0.0000379	100425 Styrene	0 30YrCancerDerived	*	0
630 ALL	487098.32	3674499.61	0.0000392	100425 Styrene	0 30YrCancerDerived	*	0
631 ALL	487119.16	3674499.61	0.0000406	100425 Styrene	0 30YrCancerDerived	*	0
632 ALL	487140	3674499.61	0.0000424	100425 Styrene	0 30YrCancerDerived	*	0
633 ALL	487160.84	3674499.61	0.0000448	100425 Styrene	0 30YrCancerDerived	*	0
634 ALL	486514.8	3674519.49	0.000021	100425 Styrene	0 30YrCancerDerived	*	0
635 ALL	486535.64	3674519.49	0.0000218	100425 Styrene	0 30YrCancerDerived	*	0
636 ALL	486556.48	3674519.49	0.0000222	100425 Styrene	0 30YrCancerDerived	*	0
637 ALL	486577.32	3674519.49	0.0000227	100425 Styrene	0 30YrCancerDerived	*	0
638 ALL	486598.16	3674519.49	0.0000232	100425 Styrene	0 30YrCancerDerived	*	0
639 ALL	486619	3674519.49	0.000024	100425 Styrene	0 30YrCancerDerived	*	0
640 ALL	486639.84	3674519.49	0.0000247	100425 Styrene	0 30YrCancerDerived	*	0
641 ALL	486660.68	3674519.49	0.0000255	100425 Styrene	0 30YrCancerDerived	*	0
642 ALL	486681.52	3674519.49	0.0000261	100425 Styrene	0 30YrCancerDerived	*	0
643 ALL	486702.36	3674519.49	0.000027	100425 Styrene	0 30YrCancerDerived	*	0
644 ALL	486723.2	3674519.49	0.0000286	100425 Styrene	0 30YrCancerDerived	*	0
645 ALL	486744.04	3674519.49	0.000029	100425 Styrene	0 30YrCancerDerived	*	0
646 ALL	486764.88	3674519.49	0.0000301	100425 Styrene	0 30YrCancerDerived	*	0
647 ALL	486785.72	3674519.49	0.0000323	100425 Styrene	0 30YrCancerDerived	*	0
648 ALL	486806.56	3674519.49	0.0000317	100425 Styrene	0 30YrCancerDerived	*	0
649 ALL	486827.4	3674519.49	0.0000304	100425 Styrene	0 30YrCancerDerived	*	0
650 ALL	486848.24	3674519.49	0.0000301	100425 Styrene	0 30YrCancerDerived	*	0
651 ALL	486869.08	3674519.49	0.0000303	100425 Styrene	0 30YrCancerDerived	*	0
652 ALL	486889.92	3674519.49	0.0000312	100425 Styrene	0 30YrCancerDerived	*	0
653 ALL	486910.76	3674519.49	0.0000324	100425 Styrene	0 30YrCancerDerived	*	0
654 ALL	486931.6	3674519.49	0.000033	100425 Styrene	0 30YrCancerDerived	*	0
655 ALL	486952.44	3674519.49	0.0000335	100425 Styrene	0 30YrCancerDerived	*	0

656 ALL	486973.28	3674519.49	0.0000344	100425 Styrene	0 30YrCancerDerived	*	0
657 ALL	486994.12	3674519.49	0.0000353	100425 Styrene	0 30YrCancerDerived	*	0
658 ALL	487014.96	3674519.49	0.0000358	100425 Styrene	0 30YrCancerDerived	*	0
659 ALL	487035.8	3674519.49	0.0000365	100425 Styrene	0 30YrCancerDerived	*	0
660 ALL	487056.64	3674519.49	0.000038	100425 Styrene	0 30YrCancerDerived	*	0
661 ALL	486493.96	3674539.37	0.0000211	100425 Styrene	0 30YrCancerDerived	*	0
662 ALL	486514.8	3674539.37	0.0000216	100425 Styrene	0 30YrCancerDerived	*	0
663 ALL	486535.64	3674539.37	0.0000222	100425 Styrene	0 30YrCancerDerived	*	0
664 ALL	486556.48	3674539.37	0.0000226	100425 Styrene	0 30YrCancerDerived	*	0
665 ALL	486577.32	3674539.37	0.000023	100425 Styrene	0 30YrCancerDerived	*	0
666 ALL	486598.16	3674539.37	0.0000234	100425 Styrene	0 30YrCancerDerived	*	0
667 ALL	486619	3674539.37	0.0000241	100425 Styrene	0 30YrCancerDerived	*	0
668 ALL	486639.84	3674539.37	0.0000248	100425 Styrene	0 30YrCancerDerived	*	0
669 ALL	486660.68	3674539.37	0.0000256	100425 Styrene	0 30YrCancerDerived	*	0
670 ALL	486681.52	3674539.37	0.0000263	100425 Styrene	0 30YrCancerDerived	*	0
671 ALL	486702.36	3674539.37	0.0000272	100425 Styrene	0 30YrCancerDerived	*	0
672 ALL	486723.2	3674539.37	0.0000279	100425 Styrene	0 30YrCancerDerived	*	0
673 ALL	486744.04	3674539.37	0.0000279	100425 Styrene	0 30YrCancerDerived	*	0
674 ALL	486764.88	3674539.37	0.0000287	100425 Styrene	0 30YrCancerDerived	*	0
675 ALL	486785.72	3674539.37	0.0000308	100425 Styrene	0 30YrCancerDerived	*	0
676 ALL	486806.56	3674539.37	0.0000308	100425 Styrene	0 30YrCancerDerived	*	0
677 ALL	486827.4	3674539.37	0.0000297	100425 Styrene	0 30YrCancerDerived	*	0
678 ALL	486848.24	3674539.37	0.0000295	100425 Styrene	0 30YrCancerDerived	*	0
679 ALL	486869.08	3674539.37	0.0000298	100425 Styrene	0 30YrCancerDerived	*	0
680 ALL	486889.92	3674539.37	0.000031	100425 Styrene	0 30YrCancerDerived	*	0
681 ALL	486910.76	3674539.37	0.0000322	100425 Styrene	0 30YrCancerDerived	*	0
682 ALL	486931.6	3674539.37	0.000033	100425 Styrene	0 30YrCancerDerived	*	0
683 ALL	486493.96	3674559.25	0.000021	100425 Styrene	0 30YrCancerDerived	*	0
684 ALL	486514.8	3674559.25	0.0000215	100425 Styrene	0 30YrCancerDerived	*	0
685 ALL	486535.64	3674559.25	0.0000223	100425 Styrene	0 30YrCancerDerived	*	0
686 ALL	486556.48	3674559.25	0.0000227	100425 Styrene	0 30YrCancerDerived	*	0
687 ALL	486577.32	3674559.25	0.0000229	100425 Styrene	0 30YrCancerDerived	*	0
688 ALL	486598.16	3674559.25	0.0000234	100425 Styrene	0 30YrCancerDerived	*	0
689 ALL	486619	3674559.25	0.0000242	100425 Styrene	0 30YrCancerDerived	*	0
690 ALL	486639.84	3674559.25	0.0000249	100425 Styrene	0 30YrCancerDerived	*	0

691 ALL	486660.68	3674559.25	0.0000258	100425 Styrene	0 30YrCancerDerived	*	0
692 ALL	486681.52	3674559.25	0.0000267	100425 Styrene	0 30YrCancerDerived	*	0
693 ALL	486702.36	3674559.25	0.0000274	100425 Styrene	0 30YrCancerDerived	*	0
694 ALL	486723.2	3674559.25	0.0000278	100425 Styrene	0 30YrCancerDerived	*	0
695 ALL	486744.04	3674559.25	0.0000279	100425 Styrene	0 30YrCancerDerived	*	0
696 ALL	486764.88	3674559.25	0.0000287	100425 Styrene	0 30YrCancerDerived	*	0
697 ALL	486785.72	3674559.25	0.0000301	100425 Styrene	0 30YrCancerDerived	*	0
698 ALL	486806.56	3674559.25	0.0000304	100425 Styrene	0 30YrCancerDerived	*	0
699 ALL	486827.4	3674559.25	0.00003	100425 Styrene	0 30YrCancerDerived	*	0
700 ALL	486848.24	3674559.25	0.0000298	100425 Styrene	0 30YrCancerDerived	*	0
701 ALL	486869.08	3674559.25	0.0000302	100425 Styrene	0 30YrCancerDerived	*	0
702 ALL	486889.92	3674559.25	0.0000312	100425 Styrene	0 30YrCancerDerived	*	0
703 ALL	486910.76	3674559.25	0.0000328	100425 Styrene	0 30YrCancerDerived	*	0
704 ALL	486493.96	3674579.13	0.0000211	100425 Styrene	0 30YrCancerDerived	*	0
705 ALL	486514.8	3674579.13	0.0000214	100425 Styrene	0 30YrCancerDerived	*	0
706 ALL	486535.64	3674579.13	0.0000222	100425 Styrene	0 30YrCancerDerived	*	0
707 ALL	486556.48	3674579.13	0.0000227	100425 Styrene	0 30YrCancerDerived	*	0
708 ALL	486577.32	3674579.13	0.000023	100425 Styrene	0 30YrCancerDerived	*	0
709 ALL	486598.16	3674579.13	0.0000236	100425 Styrene	0 30YrCancerDerived	*	0
710 ALL	486619	3674579.13	0.0000243	100425 Styrene	0 30YrCancerDerived	*	0
711 ALL	486639.84	3674579.13	0.000025	100425 Styrene	0 30YrCancerDerived	*	0
712 ALL	486660.68	3674579.13	0.0000258	100425 Styrene	0 30YrCancerDerived	*	0
713 ALL	486681.52	3674579.13	0.0000266	100425 Styrene	0 30YrCancerDerived	*	0
714 ALL	486702.36	3674579.13	0.0000271	100425 Styrene	0 30YrCancerDerived	*	0
715 ALL	486723.2	3674579.13	0.0000276	100425 Styrene	0 30YrCancerDerived	*	0
716 ALL	486744.04	3674579.13	0.0000282	100425 Styrene	0 30YrCancerDerived	*	0
717 ALL	486764.88	3674579.13	0.0000291	100425 Styrene	0 30YrCancerDerived	*	0
718 ALL	486785.72	3674579.13	0.0000299	100425 Styrene	0 30YrCancerDerived	*	0
719 ALL	486806.56	3674579.13	0.0000304	100425 Styrene	0 30YrCancerDerived	*	0
720 ALL	486827.4	3674579.13	0.0000304	100425 Styrene	0 30YrCancerDerived	*	0
721 ALL	486848.24	3674579.13	0.0000305	100425 Styrene	0 30YrCancerDerived	*	0
722 ALL	486869.08	3674579.13	0.0000309	100425 Styrene	0 30YrCancerDerived	*	0
723 ALL	486889.92	3674579.13	0.000032	100425 Styrene	0 30YrCancerDerived	*	0
724 ALL	486473.12	3674599.01	0.0000219	100425 Styrene	0 30YrCancerDerived	*	0
725 ALL	486493.96	3674599.01	0.0000214	100425 Styrene	0 30YrCancerDerived	*	0

726 ALL	486514.8	3674599.01	0.0000215	100425 Styrene	0 30YrCancerDerived	*	0
727 ALL	486535.64	3674599.01	0.0000221	100425 Styrene	0 30YrCancerDerived	*	0
728 ALL	486556.48	3674599.01	0.0000227	100425 Styrene	0 30YrCancerDerived	*	0
729 ALL	486577.32	3674599.01	0.0000233	100425 Styrene	0 30YrCancerDerived	*	0
730 ALL	486598.16	3674599.01	0.0000239	100425 Styrene	0 30YrCancerDerived	*	0
731 ALL	486619	3674599.01	0.0000245	100425 Styrene	0 30YrCancerDerived	*	0
732 ALL	486639.84	3674599.01	0.0000252	100425 Styrene	0 30YrCancerDerived	*	0
733 ALL	486660.68	3674599.01	0.0000258	100425 Styrene	0 30YrCancerDerived	*	0
734 ALL	486681.52	3674599.01	0.0000263	100425 Styrene	0 30YrCancerDerived	*	0
735 ALL	486702.36	3674599.01	0.0000268	100425 Styrene	0 30YrCancerDerived	*	0
736 ALL	486723.2	3674599.01	0.0000273	100425 Styrene	0 30YrCancerDerived	*	0
737 ALL	486744.04	3674599.01	0.0000284	100425 Styrene	0 30YrCancerDerived	*	0
738 ALL	486764.88	3674599.01	0.0000296	100425 Styrene	0 30YrCancerDerived	*	0
739 ALL	486785.72	3674599.01	0.0000305	100425 Styrene	0 30YrCancerDerived	*	0
740 ALL	486806.56	3674599.01	0.0000311	100425 Styrene	0 30YrCancerDerived	*	0
741 ALL	486827.4	3674599.01	0.0000312	100425 Styrene	0 30YrCancerDerived	*	0
742 ALL	486848.24	3674599.01	0.0000315	100425 Styrene	0 30YrCancerDerived	*	0
743 ALL	486869.08	3674599.01	0.000032	100425 Styrene	0 30YrCancerDerived	*	0
744 ALL	486473.12	3674618.89	0.0000218	100425 Styrene	0 30YrCancerDerived	*	0
745 ALL	486493.96	3674618.89	0.0000215	100425 Styrene	0 30YrCancerDerived	*	0
746 ALL	486514.8	3674618.89	0.0000217	100425 Styrene	0 30YrCancerDerived	*	0
747 ALL	486535.64	3674618.89	0.0000222	100425 Styrene	0 30YrCancerDerived	*	0
748 ALL	486556.48	3674618.89	0.0000229	100425 Styrene	0 30YrCancerDerived	*	0
749 ALL	486577.32	3674618.89	0.0000235	100425 Styrene	0 30YrCancerDerived	*	0
750 ALL	486598.16	3674618.89	0.0000241	100425 Styrene	0 30YrCancerDerived	*	0
751 ALL	486619	3674618.89	0.0000247	100425 Styrene	0 30YrCancerDerived	*	0
752 ALL	486639.84	3674618.89	0.0000252	100425 Styrene	0 30YrCancerDerived	*	0
753 ALL	486660.68	3674618.89	0.0000257	100425 Styrene	0 30YrCancerDerived	*	0
754 ALL	486681.52	3674618.89	0.000026	100425 Styrene	0 30YrCancerDerived	*	0
755 ALL	486702.36	3674618.89	0.0000263	100425 Styrene	0 30YrCancerDerived	*	0
756 ALL	486723.2	3674618.89	0.0000268	100425 Styrene	0 30YrCancerDerived	*	0
757 ALL	486744.04	3674618.89	0.0000279	100425 Styrene	0 30YrCancerDerived	*	0
758 ALL	486764.88	3674618.89	0.0000295	100425 Styrene	0 30YrCancerDerived	*	0
759 ALL	486785.72	3674618.89	0.0000312	100425 Styrene	0 30YrCancerDerived	*	0
760 ALL	486806.56	3674618.89	0.0000322	100425 Styrene	0 30YrCancerDerived	*	0

761 ALL	486452.28	3674638.77	0.0000221	100425 Styrene	0 30YrCancerDerived	*	0
762 ALL	486473.12	3674638.77	0.0000216	100425 Styrene	0 30YrCancerDerived	*	0
763 ALL	486493.96	3674638.77	0.0000215	100425 Styrene	0 30YrCancerDerived	*	0
764 ALL	486514.8	3674638.77	0.0000218	100425 Styrene	0 30YrCancerDerived	*	0
765 ALL	486535.64	3674638.77	0.0000224	100425 Styrene	0 30YrCancerDerived	*	0
766 ALL	486556.48	3674638.77	0.000023	100425 Styrene	0 30YrCancerDerived	*	0
767 ALL	486577.32	3674638.77	0.0000236	100425 Styrene	0 30YrCancerDerived	*	0
768 ALL	486598.16	3674638.77	0.0000241	100425 Styrene	0 30YrCancerDerived	*	0
769 ALL	486619	3674638.77	0.0000246	100425 Styrene	0 30YrCancerDerived	*	0
770 ALL	486639.84	3674638.77	0.0000249	100425 Styrene	0 30YrCancerDerived	*	0
771 ALL	486660.68	3674638.77	0.0000254	100425 Styrene	0 30YrCancerDerived	*	0
772 ALL	486681.52	3674638.77	0.0000258	100425 Styrene	0 30YrCancerDerived	*	0
773 ALL	486702.36	3674638.77	0.0000259	100425 Styrene	0 30YrCancerDerived	*	0
774 ALL	486723.2	3674638.77	0.0000263	100425 Styrene	0 30YrCancerDerived	*	0
775 ALL	486744.04	3674638.77	0.0000274	100425 Styrene	0 30YrCancerDerived	*	0
776 ALL	486764.88	3674638.77	0.0000289	100425 Styrene	0 30YrCancerDerived	*	0
777 ALL	486785.72	3674638.77	0.0000313	100425 Styrene	0 30YrCancerDerived	*	0
778 ALL	486452.28	3674658.65	0.0000215	100425 Styrene	0 30YrCancerDerived	*	0
779 ALL	486473.12	3674658.65	0.0000213	100425 Styrene	0 30YrCancerDerived	*	0
780 ALL	486493.96	3674658.65	0.0000214	100425 Styrene	0 30YrCancerDerived	*	0
781 ALL	486514.8	3674658.65	0.0000219	100425 Styrene	0 30YrCancerDerived	*	0
782 ALL	486535.64	3674658.65	0.0000224	100425 Styrene	0 30YrCancerDerived	*	0
783 ALL	486556.48	3674658.65	0.0000231	100425 Styrene	0 30YrCancerDerived	*	0
784 ALL	486577.32	3674658.65	0.0000236	100425 Styrene	0 30YrCancerDerived	*	0
785 ALL	486598.16	3674658.65	0.0000242	100425 Styrene	0 30YrCancerDerived	*	0
786 ALL	486619	3674658.65	0.0000243	100425 Styrene	0 30YrCancerDerived	*	0
787 ALL	486639.84	3674658.65	0.0000245	100425 Styrene	0 30YrCancerDerived	*	0
788 ALL	486660.68	3674658.65	0.0000251	100425 Styrene	0 30YrCancerDerived	*	0
789 ALL	486681.52	3674658.65	0.0000256	100425 Styrene	0 30YrCancerDerived	*	0
790 ALL	486702.36	3674658.65	0.0000257	100425 Styrene	0 30YrCancerDerived	*	0
791 ALL	486723.2	3674658.65	0.0000261	100425 Styrene	0 30YrCancerDerived	*	0
792 ALL	486744.04	3674658.65	0.0000274	100425 Styrene	0 30YrCancerDerived	*	0
793 ALL	486764.88	3674658.65	0.0000292	100425 Styrene	0 30YrCancerDerived	*	0
794 ALL	486452.28	3674678.53	0.0000211	100425 Styrene	0 30YrCancerDerived	*	0
795 ALL	486473.12	3674678.53	0.0000211	100425 Styrene	0 30YrCancerDerived	*	0

796 ALL	486493.96	3674678.53	0.0000214	100425 Styrene	0 30YrCancerDerived	*	0
797 ALL	486514.8	3674678.53	0.0000219	100425 Styrene	0 30YrCancerDerived	*	0
798 ALL	486535.64	3674678.53	0.0000224	100425 Styrene	0 30YrCancerDerived	*	0
799 ALL	486556.48	3674678.53	0.000023	100425 Styrene	0 30YrCancerDerived	*	0
800 ALL	486577.32	3674678.53	0.0000236	100425 Styrene	0 30YrCancerDerived	*	0
801 ALL	486598.16	3674678.53	0.000024	100425 Styrene	0 30YrCancerDerived	*	0
802 ALL	486619	3674678.53	0.000024	100425 Styrene	0 30YrCancerDerived	*	0
803 ALL	486639.84	3674678.53	0.0000243	100425 Styrene	0 30YrCancerDerived	*	0
804 ALL	486660.68	3674678.53	0.000025	100425 Styrene	0 30YrCancerDerived	*	0
805 ALL	486681.52	3674678.53	0.0000257	100425 Styrene	0 30YrCancerDerived	*	0
806 ALL	486702.36	3674678.53	0.0000263	100425 Styrene	0 30YrCancerDerived	*	0
807 ALL	486723.2	3674678.53	0.0000269	100425 Styrene	0 30YrCancerDerived	*	0
808 ALL	486744.04	3674678.53	0.000028	100425 Styrene	0 30YrCancerDerived	*	0
809 ALL	486764.88	3674678.53	0.0000303	100425 Styrene	0 30YrCancerDerived	*	0
810 ALL	486431.44	3674698.41	0.0000208	100425 Styrene	0 30YrCancerDerived	*	0
811 ALL	486452.28	3674698.41	0.0000209	100425 Styrene	0 30YrCancerDerived	*	0
812 ALL	486473.12	3674698.41	0.0000211	100425 Styrene	0 30YrCancerDerived	*	0
813 ALL	486493.96	3674698.41	0.0000215	100425 Styrene	0 30YrCancerDerived	*	0
814 ALL	486514.8	3674698.41	0.0000219	100425 Styrene	0 30YrCancerDerived	*	0
815 ALL	486535.64	3674698.41	0.0000224	100425 Styrene	0 30YrCancerDerived	*	0
816 ALL	486556.48	3674698.41	0.0000229	100425 Styrene	0 30YrCancerDerived	*	0
817 ALL	486577.32	3674698.41	0.0000234	100425 Styrene	0 30YrCancerDerived	*	0
818 ALL	486598.16	3674698.41	0.0000238	100425 Styrene	0 30YrCancerDerived	*	0
819 ALL	486619	3674698.41	0.000024	100425 Styrene	0 30YrCancerDerived	*	0
820 ALL	486639.84	3674698.41	0.0000247	100425 Styrene	0 30YrCancerDerived	*	0
821 ALL	486660.68	3674698.41	0.0000259	100425 Styrene	0 30YrCancerDerived	*	0
822 ALL	486431.44	3674718.29	0.0000207	100425 Styrene	0 30YrCancerDerived	*	0
823 ALL	486452.28	3674718.29	0.0000208	100425 Styrene	0 30YrCancerDerived	*	0
824 ALL	486473.12	3674718.29	0.0000212	100425 Styrene	0 30YrCancerDerived	*	0
825 ALL	486493.96	3674718.29	0.0000217	100425 Styrene	0 30YrCancerDerived	*	0
826 ALL	486514.8	3674718.29	0.0000222	100425 Styrene	0 30YrCancerDerived	*	0
827 ALL	486535.64	3674718.29	0.0000226	100425 Styrene	0 30YrCancerDerived	*	0
828 ALL	486556.48	3674718.29	0.0000231	100425 Styrene	0 30YrCancerDerived	*	0
829 ALL	486577.32	3674718.29	0.0000236	100425 Styrene	0 30YrCancerDerived	*	0
830 ALL	486598.16	3674718.29	0.0000235	100425 Styrene	0 30YrCancerDerived	*	0

831 ALL	486619	3674718.29	0.0000241	100425 Styrene	0 30YrCancerDerived	*	0
832 ALL	486639.84	3674718.29	0.0000254	100425 Styrene	0 30YrCancerDerived	*	0
833 ALL	486452.28	3674738.17	0.0000208	100425 Styrene	0 30YrCancerDerived	*	0
834 ALL	486473.12	3674738.17	0.0000214	100425 Styrene	0 30YrCancerDerived	*	0
835 ALL	486493.96	3674738.17	0.0000221	100425 Styrene	0 30YrCancerDerived	*	0
836 ALL	486514.8	3674738.17	0.0000228	100425 Styrene	0 30YrCancerDerived	*	0
837 ALL	486535.64	3674738.17	0.0000233	100425 Styrene	0 30YrCancerDerived	*	0
838 ALL	486556.48	3674738.17	0.0000238	100425 Styrene	0 30YrCancerDerived	*	0
839 ALL	486577.32	3674738.17	0.000024	100425 Styrene	0 30YrCancerDerived	*	0
840 ALL	486598.16	3674738.17	0.0000241	100425 Styrene	0 30YrCancerDerived	*	0
841 ALL	486619	3674738.17	0.000025	100425 Styrene	0 30YrCancerDerived	*	0
842 ALL	486473.12	3674758.05	0.0000216	100425 Styrene	0 30YrCancerDerived	*	0
843 ALL	486493.96	3674758.05	0.0000224	100425 Styrene	0 30YrCancerDerived	*	0
844 ALL	486514.8	3674758.05	0.0000235	100425 Styrene	0 30YrCancerDerived	*	0
845 ALL	486535.64	3674758.05	0.0000241	100425 Styrene	0 30YrCancerDerived	*	0
846 ALL	486556.48	3674758.05	0.0000248	100425 Styrene	0 30YrCancerDerived	*	0
847 ALL	486577.32	3674758.05	0.0000251	100425 Styrene	0 30YrCancerDerived	*	0
848 ALL	486139.68	3674777.93	0.0000266	100425 Styrene	0 30YrCancerDerived	*	0
849 ALL	486514.8	3674777.93	0.000024	100425 Styrene	0 30YrCancerDerived	*	0
850 ALL	486535.64	3674777.93	0.000025	100425 Styrene	0 30YrCancerDerived	*	0
851 ALL	486556.48	3674777.93	0.0000259	100425 Styrene	0 30YrCancerDerived	*	0
852 ALL	486139.68	3674797.81	0.0000286	100425 Styrene	0 30YrCancerDerived	*	0
853 ALL	486160.52	3674797.81	0.0000268	100425 Styrene	0 30YrCancerDerived	*	0
854 ALL	486181.36	3674797.81	0.0000256	100425 Styrene	0 30YrCancerDerived	*	0
855 ALL	486202.2	3674797.81	0.0000246	100425 Styrene	0 30YrCancerDerived	*	0
856 ALL	486243.88	3674797.81	0.0000237	100425 Styrene	0 30YrCancerDerived	*	0
857 ALL	486264.72	3674797.81	0.0000225	100425 Styrene	0 30YrCancerDerived	*	0
858 ALL	486285.56	3674797.81	0.0000219	100425 Styrene	0 30YrCancerDerived	*	0
859 ALL	486306.4	3674797.81	0.0000213	100425 Styrene	0 30YrCancerDerived	*	0
860 ALL	486535.64	3674797.81	0.0000258	100425 Styrene	0 30YrCancerDerived	*	0
861 ALL	486556.48	3674797.81	0.0000274	100425 Styrene	0 30YrCancerDerived	*	0
862 ALL	485868.76	3674817.69	0.0000185	100425 Styrene	0 30YrCancerDerived	*	0
863 ALL	485889.6	3674817.69	0.0000192	100425 Styrene	0 30YrCancerDerived	*	0
864 ALL	485910.44	3674817.69	0.0000198	100425 Styrene	0 30YrCancerDerived	*	0
865 ALL	485931.28	3674817.69	0.0000202	100425 Styrene	0 30YrCancerDerived	*	0

866 ALL	485952.12	3674817.69	0.0000205	100425 Styrene	0 30YrCancerDerived	*	0
867 ALL	485972.96	3674817.69	0.0000208	100425 Styrene	0 30YrCancerDerived	*	0
868 ALL	486118.84	3674817.69	0.0000258	100425 Styrene	0 30YrCancerDerived	*	0
869 ALL	486139.68	3674817.69	0.0000253	100425 Styrene	0 30YrCancerDerived	*	0
870 ALL	486160.52	3674817.69	0.0000258	100425 Styrene	0 30YrCancerDerived	*	0
871 ALL	486181.36	3674817.69	0.0000262	100425 Styrene	0 30YrCancerDerived	*	0
872 ALL	486202.2	3674817.69	0.0000265	100425 Styrene	0 30YrCancerDerived	*	0
873 ALL	486223.04	3674817.69	0.0000259	100425 Styrene	0 30YrCancerDerived	*	0
874 ALL	486243.88	3674817.69	0.0000238	100425 Styrene	0 30YrCancerDerived	*	0
875 ALL	486264.72	3674817.69	0.000022	100425 Styrene	0 30YrCancerDerived	*	0
876 ALL	486285.56	3674817.69	0.0000212	100425 Styrene	0 30YrCancerDerived	*	0
877 ALL	486306.4	3674817.69	0.0000207	100425 Styrene	0 30YrCancerDerived	*	0
878 ALL	485868.76	3674837.57	0.0000181	100425 Styrene	0 30YrCancerDerived	*	0
879 ALL	485889.6	3674837.57	0.0000189	100425 Styrene	0 30YrCancerDerived	*	0
880 ALL	485910.44	3674837.57	0.0000197	100425 Styrene	0 30YrCancerDerived	*	0
881 ALL	485931.28	3674837.57	0.0000202	100425 Styrene	0 30YrCancerDerived	*	0
882 ALL	485952.12	3674837.57	0.0000207	100425 Styrene	0 30YrCancerDerived	*	0
883 ALL	485972.96	3674837.57	0.0000216	100425 Styrene	0 30YrCancerDerived	*	0
884 ALL	485993.8	3674837.57	0.0000227	100425 Styrene	0 30YrCancerDerived	*	0
885 ALL	486014.64	3674837.57	0.0000232	100425 Styrene	0 30YrCancerDerived	*	0
886 ALL	486035.48	3674837.57	0.0000237	100425 Styrene	0 30YrCancerDerived	*	0
887 ALL	486077.16	3674837.57	0.0000253	100425 Styrene	0 30YrCancerDerived	*	0
888 ALL	486098	3674837.57	0.0000241	100425 Styrene	0 30YrCancerDerived	*	0
889 ALL	486118.84	3674837.57	0.0000225	100425 Styrene	0 30YrCancerDerived	*	0
890 ALL	486139.68	3674837.57	0.0000226	100425 Styrene	0 30YrCancerDerived	*	0
891 ALL	486160.52	3674837.57	0.0000227	100425 Styrene	0 30YrCancerDerived	*	0
892 ALL	486181.36	3674837.57	0.000023	100425 Styrene	0 30YrCancerDerived	*	0
893 ALL	486202.2	3674837.57	0.0000245	100425 Styrene	0 30YrCancerDerived	*	0
894 ALL	486223.04	3674837.57	0.0000246	100425 Styrene	0 30YrCancerDerived	*	0
895 ALL	486243.88	3674837.57	0.0000226	100425 Styrene	0 30YrCancerDerived	*	0
896 ALL	486264.72	3674837.57	0.0000211	100425 Styrene	0 30YrCancerDerived	*	0
897 ALL	486285.56	3674837.57	0.0000203	100425 Styrene	0 30YrCancerDerived	*	0
898 ALL	486306.4	3674837.57	0.0000202	100425 Styrene	0 30YrCancerDerived	*	0
899 ALL	485722.88	3674857.45	0.0000137	100425 Styrene	0 30YrCancerDerived	*	0
900 ALL	485743.72	3674857.45	0.0000144	100425 Styrene	0 30YrCancerDerived	*	0

901 ALL	485764.56	3674857.45	0.0000151	100425 Styrene	0 30YrCancerDerived	*	0
902 ALL	485785.4	3674857.45	0.0000156	100425 Styrene	0 30YrCancerDerived	*	0
903 ALL	485806.24	3674857.45	0.0000161	100425 Styrene	0 30YrCancerDerived	*	0
904 ALL	485827.08	3674857.45	0.0000165	100425 Styrene	0 30YrCancerDerived	*	0
905 ALL	485847.92	3674857.45	0.0000171	100425 Styrene	0 30YrCancerDerived	*	0
906 ALL	485868.76	3674857.45	0.0000177	100425 Styrene	0 30YrCancerDerived	*	0
907 ALL	485889.6	3674857.45	0.0000184	100425 Styrene	0 30YrCancerDerived	*	0
908 ALL	485910.44	3674857.45	0.0000192	100425 Styrene	0 30YrCancerDerived	*	0
909 ALL	485931.28	3674857.45	0.0000197	100425 Styrene	0 30YrCancerDerived	*	0
910 ALL	485952.12	3674857.45	0.0000202	100425 Styrene	0 30YrCancerDerived	*	0
911 ALL	485972.96	3674857.45	0.0000211	100425 Styrene	0 30YrCancerDerived	*	0
912 ALL	485993.8	3674857.45	0.0000222	100425 Styrene	0 30YrCancerDerived	*	0
913 ALL	486014.64	3674857.45	0.0000229	100425 Styrene	0 30YrCancerDerived	*	0
914 ALL	486035.48	3674857.45	0.0000238	100425 Styrene	0 30YrCancerDerived	*	0
915 ALL	486056.32	3674857.45	0.0000249	100425 Styrene	0 30YrCancerDerived	*	0
916 ALL	486077.16	3674857.45	0.0000243	100425 Styrene	0 30YrCancerDerived	*	0
917 ALL	486098	3674857.45	0.0000215	100425 Styrene	0 30YrCancerDerived	*	0
918 ALL	486118.84	3674857.45	0.0000202	100425 Styrene	0 30YrCancerDerived	*	0
919 ALL	486139.68	3674857.45	0.0000204	100425 Styrene	0 30YrCancerDerived	*	0
920 ALL	486160.52	3674857.45	0.0000207	100425 Styrene	0 30YrCancerDerived	*	0
921 ALL	486181.36	3674857.45	0.0000209	100425 Styrene	0 30YrCancerDerived	*	0
922 ALL	486202.2	3674857.45	0.0000225	100425 Styrene	0 30YrCancerDerived	*	0
923 ALL	486223.04	3674857.45	0.0000235	100425 Styrene	0 30YrCancerDerived	*	0
924 ALL	486243.88	3674857.45	0.000022	100425 Styrene	0 30YrCancerDerived	*	0
925 ALL	486264.72	3674857.45	0.0000208	100425 Styrene	0 30YrCancerDerived	*	0
926 ALL	486285.56	3674857.45	0.0000201	100425 Styrene	0 30YrCancerDerived	*	0
927 ALL	486306.4	3674857.45	0.0000197	100425 Styrene	0 30YrCancerDerived	*	0
928 ALL	485722.88	3674877.33	0.0000134	100425 Styrene	0 30YrCancerDerived	*	0
929 ALL	485743.72	3674877.33	0.0000136	100425 Styrene	0 30YrCancerDerived	*	0
930 ALL	485764.56	3674877.33	0.0000141	100425 Styrene	0 30YrCancerDerived	*	0
931 ALL	485827.08	3674877.33	0.0000161	100425 Styrene	0 30YrCancerDerived	*	0
932 ALL	485847.92	3674877.33	0.0000166	100425 Styrene	0 30YrCancerDerived	*	0
933 ALL	485868.76	3674877.33	0.0000172	100425 Styrene	0 30YrCancerDerived	*	0
934 ALL	485889.6	3674877.33	0.0000179	100425 Styrene	0 30YrCancerDerived	*	0
935 ALL	485910.44	3674877.33	0.0000186	100425 Styrene	0 30YrCancerDerived	*	0

936 ALL	485931.28	3674877.33	0.0000193	100425 Styrene	0 30YrCancerDerived	*	0
937 ALL	485952.12	3674877.33	0.0000198	100425 Styrene	0 30YrCancerDerived	*	0
938 ALL	485972.96	3674877.33	0.0000206	100425 Styrene	0 30YrCancerDerived	*	0
939 ALL	485993.8	3674877.33	0.0000207	100425 Styrene	0 30YrCancerDerived	*	0
940 ALL	486014.64	3674877.33	0.000021	100425 Styrene	0 30YrCancerDerived	*	0
941 ALL	486035.48	3674877.33	0.0000226	100425 Styrene	0 30YrCancerDerived	*	0
942 ALL	486056.32	3674877.33	0.0000243	100425 Styrene	0 30YrCancerDerived	*	0
943 ALL	486077.16	3674877.33	0.0000231	100425 Styrene	0 30YrCancerDerived	*	0
944 ALL	486098	3674877.33	0.00002	100425 Styrene	0 30YrCancerDerived	*	0
945 ALL	486118.84	3674877.33	0.000019	100425 Styrene	0 30YrCancerDerived	*	0
946 ALL	486139.68	3674877.33	0.0000191	100425 Styrene	0 30YrCancerDerived	*	0
947 ALL	486160.52	3674877.33	0.0000195	100425 Styrene	0 30YrCancerDerived	*	0
948 ALL	486181.36	3674877.33	0.0000201	100425 Styrene	0 30YrCancerDerived	*	0
949 ALL	486202.2	3674877.33	0.0000212	100425 Styrene	0 30YrCancerDerived	*	0
950 ALL	486223.04	3674877.33	0.000022	100425 Styrene	0 30YrCancerDerived	*	0
951 ALL	486243.88	3674877.33	0.0000213	100425 Styrene	0 30YrCancerDerived	*	0
952 ALL	486264.72	3674877.33	0.0000205	100425 Styrene	0 30YrCancerDerived	*	0
953 ALL	486285.56	3674877.33	0.00002	100425 Styrene	0 30YrCancerDerived	*	0
954 ALL	486306.4	3674877.33	0.0000197	100425 Styrene	0 30YrCancerDerived	*	0
955 ALL	485743.72	3674897.21	0.0000131	100425 Styrene	0 30YrCancerDerived	*	0
956 ALL	485847.92	3674897.21	0.0000162	100425 Styrene	0 30YrCancerDerived	*	0
957 ALL	485868.76	3674897.21	0.0000168	100425 Styrene	0 30YrCancerDerived	*	0
958 ALL	485889.6	3674897.21	0.0000175	100425 Styrene	0 30YrCancerDerived	*	0
959 ALL	485910.44	3674897.21	0.0000183	100425 Styrene	0 30YrCancerDerived	*	0
960 ALL	485931.28	3674897.21	0.0000189	100425 Styrene	0 30YrCancerDerived	*	0
961 ALL	485952.12	3674897.21	0.0000195	100425 Styrene	0 30YrCancerDerived	*	0
962 ALL	485972.96	3674897.21	0.0000201	100425 Styrene	0 30YrCancerDerived	*	0
963 ALL	485993.8	3674897.21	0.0000197	100425 Styrene	0 30YrCancerDerived	*	0
964 ALL	486014.64	3674897.21	0.00002	100425 Styrene	0 30YrCancerDerived	*	0
965 ALL	486035.48	3674897.21	0.0000215	100425 Styrene	0 30YrCancerDerived	*	0
966 ALL	486056.32	3674897.21	0.0000239	100425 Styrene	0 30YrCancerDerived	*	0
967 ALL	486077.16	3674897.21	0.0000224	100425 Styrene	0 30YrCancerDerived	*	0
968 ALL	486098	3674897.21	0.0000198	100425 Styrene	0 30YrCancerDerived	*	0
969 ALL	486118.84	3674897.21	0.0000189	100425 Styrene	0 30YrCancerDerived	*	0
970 ALL	486139.68	3674897.21	0.0000184	100425 Styrene	0 30YrCancerDerived	*	0

971 ALL	486160.52	3674897.21	0.0000187	100425 Styrene	0 30YrCancerDerived	*	0
972 ALL	486181.36	3674897.21	0.0000191	100425 Styrene	0 30YrCancerDerived	*	0
973 ALL	486202.2	3674897.21	0.0000202	100425 Styrene	0 30YrCancerDerived	*	0
974 ALL	486223.04	3674897.21	0.0000209	100425 Styrene	0 30YrCancerDerived	*	0
975 ALL	486243.88	3674897.21	0.000021	100425 Styrene	0 30YrCancerDerived	*	0
976 ALL	486264.72	3674897.21	0.0000202	100425 Styrene	0 30YrCancerDerived	*	0
977 ALL	486285.56	3674897.21	0.0000197	100425 Styrene	0 30YrCancerDerived	*	0
978 ALL	486306.4	3674897.21	0.0000196	100425 Styrene	0 30YrCancerDerived	*	0
979 ALL	486327.24	3674897.21	0.0000196	100425 Styrene	0 30YrCancerDerived	*	0
980 ALL	485847.92	3674917.09	0.0000156	100425 Styrene	0 30YrCancerDerived	*	0
981 ALL	485868.76	3674917.09	0.0000164	100425 Styrene	0 30YrCancerDerived	*	0
982 ALL	485889.6	3674917.09	0.0000172	100425 Styrene	0 30YrCancerDerived	*	0
983 ALL	485910.44	3674917.09	0.000018	100425 Styrene	0 30YrCancerDerived	*	0
984 ALL	485931.28	3674917.09	0.0000185	100425 Styrene	0 30YrCancerDerived	*	0
985 ALL	485952.12	3674917.09	0.000019	100425 Styrene	0 30YrCancerDerived	*	0
986 ALL	485972.96	3674917.09	0.000019	100425 Styrene	0 30YrCancerDerived	*	0
987 ALL	485993.8	3674917.09	0.0000188	100425 Styrene	0 30YrCancerDerived	*	0
988 ALL	486014.64	3674917.09	0.0000191	100425 Styrene	0 30YrCancerDerived	*	0
989 ALL	486035.48	3674917.09	0.0000207	100425 Styrene	0 30YrCancerDerived	*	0
990 ALL	486056.32	3674917.09	0.0000225	100425 Styrene	0 30YrCancerDerived	*	0
991 ALL	486077.16	3674917.09	0.0000221	100425 Styrene	0 30YrCancerDerived	*	0
992 ALL	486098	3674917.09	0.0000202	100425 Styrene	0 30YrCancerDerived	*	0
993 ALL	486118.84	3674917.09	0.0000192	100425 Styrene	0 30YrCancerDerived	*	0
994 ALL	486139.68	3674917.09	0.0000185	100425 Styrene	0 30YrCancerDerived	*	0
995 ALL	486160.52	3674917.09	0.0000183	100425 Styrene	0 30YrCancerDerived	*	0
996 ALL	486181.36	3674917.09	0.0000183	100425 Styrene	0 30YrCancerDerived	*	0
997 ALL	486202.2	3674917.09	0.0000192	100425 Styrene	0 30YrCancerDerived	*	0
998 ALL	486223.04	3674917.09	0.0000202	100425 Styrene	0 30YrCancerDerived	*	0
999 ALL	486243.88	3674917.09	0.0000205	100425 Styrene	0 30YrCancerDerived	*	0
1000 ALL	486264.72	3674917.09	0.0000202	100425 Styrene	0 30YrCancerDerived	*	0
1001 ALL	486285.56	3674917.09	0.0000199	100425 Styrene	0 30YrCancerDerived	*	0
1002 ALL	486306.4	3674917.09	0.0000198	100425 Styrene	0 30YrCancerDerived	*	0
1003 ALL	486327.24	3674917.09	0.0000197	100425 Styrene	0 30YrCancerDerived	*	0
1004 ALL	485868.76	3674936.97	0.0000159	100425 Styrene	0 30YrCancerDerived	*	0
1005 ALL	485889.6	3674936.97	0.0000168	100425 Styrene	0 30YrCancerDerived	*	0

1006 ALL	485910.44	3674936.97	0.0000176	100425 Styrene	0 30YrCancerDerived	*	0
1007 ALL	485931.28	3674936.97	0.0000182	100425 Styrene	0 30YrCancerDerived	*	0
1008 ALL	485952.12	3674936.97	0.0000186	100425 Styrene	0 30YrCancerDerived	*	0
1009 ALL	485972.96	3674936.97	0.0000186	100425 Styrene	0 30YrCancerDerived	*	0
1010 ALL	485993.8	3674936.97	0.0000185	100425 Styrene	0 30YrCancerDerived	*	0
1011 ALL	486014.64	3674936.97	0.0000186	100425 Styrene	0 30YrCancerDerived	*	0
1012 ALL	486035.48	3674936.97	0.0000198	100425 Styrene	0 30YrCancerDerived	*	0
1013 ALL	486056.32	3674936.97	0.0000213	100425 Styrene	0 30YrCancerDerived	*	0
1014 ALL	486077.16	3674936.97	0.0000212	100425 Styrene	0 30YrCancerDerived	*	0
1015 ALL	486098	3674936.97	0.0000203	100425 Styrene	0 30YrCancerDerived	*	0
1016 ALL	486118.84	3674936.97	0.0000194	100425 Styrene	0 30YrCancerDerived	*	0
1017 ALL	486139.68	3674936.97	0.0000187	100425 Styrene	0 30YrCancerDerived	*	0
1018 ALL	486160.52	3674936.97	0.0000183	100425 Styrene	0 30YrCancerDerived	*	0
1019 ALL	486181.36	3674936.97	0.0000183	100425 Styrene	0 30YrCancerDerived	*	0
1020 ALL	486202.2	3674936.97	0.0000186	100425 Styrene	0 30YrCancerDerived	*	0
1021 ALL	486223.04	3674936.97	0.0000195	100425 Styrene	0 30YrCancerDerived	*	0
1022 ALL	486243.88	3674936.97	0.0000201	100425 Styrene	0 30YrCancerDerived	*	0
1023 ALL	486264.72	3674936.97	0.0000203	100425 Styrene	0 30YrCancerDerived	*	0
1024 ALL	486285.56	3674936.97	0.0000201	100425 Styrene	0 30YrCancerDerived	*	0
1025 ALL	486306.4	3674936.97	0.0000201	100425 Styrene	0 30YrCancerDerived	*	0
1026 ALL	486327.24	3674936.97	0.0000199	100425 Styrene	0 30YrCancerDerived	*	0
1027 ALL	486348.08	3674936.97	0.0000199	100425 Styrene	0 30YrCancerDerived	*	0
1028 ALL	485889.6	3674956.85	0.0000166	100425 Styrene	0 30YrCancerDerived	*	0
1029 ALL	485910.44	3674956.85	0.0000173	100425 Styrene	0 30YrCancerDerived	*	0
1030 ALL	485931.28	3674956.85	0.0000179	100425 Styrene	0 30YrCancerDerived	*	0
1031 ALL	485952.12	3674956.85	0.0000184	100425 Styrene	0 30YrCancerDerived	*	0
1032 ALL	485972.96	3674956.85	0.0000185	100425 Styrene	0 30YrCancerDerived	*	0
1033 ALL	485993.8	3674956.85	0.0000184	100425 Styrene	0 30YrCancerDerived	*	0
1034 ALL	486014.64	3674956.85	0.0000183	100425 Styrene	0 30YrCancerDerived	*	0
1035 ALL	486035.48	3674956.85	0.0000192	100425 Styrene	0 30YrCancerDerived	*	0
1036 ALL	486056.32	3674956.85	0.0000204	100425 Styrene	0 30YrCancerDerived	*	0
1037 ALL	486077.16	3674956.85	0.0000206	100425 Styrene	0 30YrCancerDerived	*	0
1038 ALL	486098	3674956.85	0.0000198	100425 Styrene	0 30YrCancerDerived	*	0
1039 ALL	486118.84	3674956.85	0.0000194	100425 Styrene	0 30YrCancerDerived	*	0
1040 ALL	486139.68	3674956.85	0.0000189	100425 Styrene	0 30YrCancerDerived	*	0

1041 ALL	486160.52	3674956.85	0.0000186	100425 Styrene	0 30YrCancerDerived	*	0
1042 ALL	486181.36	3674956.85	0.0000184	100425 Styrene	0 30YrCancerDerived	*	0
1043 ALL	486202.2	3674956.85	0.0000185	100425 Styrene	0 30YrCancerDerived	*	0
1044 ALL	486223.04	3674956.85	0.000019	100425 Styrene	0 30YrCancerDerived	*	0
1045 ALL	486243.88	3674956.85	0.0000197	100425 Styrene	0 30YrCancerDerived	*	0
1046 ALL	486264.72	3674956.85	0.0000199	100425 Styrene	0 30YrCancerDerived	*	0
1047 ALL	486285.56	3674956.85	0.00002	100425 Styrene	0 30YrCancerDerived	*	0
1048 ALL	486306.4	3674956.85	0.0000201	100425 Styrene	0 30YrCancerDerived	*	0
1049 ALL	486327.24	3674956.85	0.0000201	100425 Styrene	0 30YrCancerDerived	*	0
1050 ALL	486348.08	3674956.85	0.0000203	100425 Styrene	0 30YrCancerDerived	*	0
1051 ALL	486368.92	3674956.85	0.0000207	100425 Styrene	0 30YrCancerDerived	*	0
1052 ALL	485889.6	3674976.73	0.0000165	100425 Styrene	0 30YrCancerDerived	*	0
1053 ALL	485910.44	3674976.73	0.0000172	100425 Styrene	0 30YrCancerDerived	*	0
1054 ALL	485931.28	3674976.73	0.0000178	100425 Styrene	0 30YrCancerDerived	*	0
1055 ALL	485952.12	3674976.73	0.0000188	100425 Styrene	0 30YrCancerDerived	*	0
1056 ALL	485972.96	3674976.73	0.0000188	100425 Styrene	0 30YrCancerDerived	*	0
1057 ALL	485993.8	3674976.73	0.0000183	100425 Styrene	0 30YrCancerDerived	*	0
1058 ALL	486014.64	3674976.73	0.0000182	100425 Styrene	0 30YrCancerDerived	*	0
1059 ALL	486035.48	3674976.73	0.0000188	100425 Styrene	0 30YrCancerDerived	*	0
1060 ALL	486056.32	3674976.73	0.0000198	100425 Styrene	0 30YrCancerDerived	*	0
1061 ALL	486077.16	3674976.73	0.0000203	100425 Styrene	0 30YrCancerDerived	*	0
1062 ALL	486098	3674976.73	0.0000201	100425 Styrene	0 30YrCancerDerived	*	0
1063 ALL	486118.84	3674976.73	0.00002	100425 Styrene	0 30YrCancerDerived	*	0
1064 ALL	486139.68	3674976.73	0.0000195	100425 Styrene	0 30YrCancerDerived	*	0
1065 ALL	486160.52	3674976.73	0.0000188	100425 Styrene	0 30YrCancerDerived	*	0
1066 ALL	486181.36	3674976.73	0.0000185	100425 Styrene	0 30YrCancerDerived	*	0
1067 ALL	486202.2	3674976.73	0.0000185	100425 Styrene	0 30YrCancerDerived	*	0
1068 ALL	486223.04	3674976.73	0.0000189	100425 Styrene	0 30YrCancerDerived	*	0
1069 ALL	486243.88	3674976.73	0.0000194	100425 Styrene	0 30YrCancerDerived	*	0
1070 ALL	486264.72	3674976.73	0.0000196	100425 Styrene	0 30YrCancerDerived	*	0
1071 ALL	486285.56	3674976.73	0.0000198	100425 Styrene	0 30YrCancerDerived	*	0
1072 ALL	486306.4	3674976.73	0.0000201	100425 Styrene	0 30YrCancerDerived	*	0
1073 ALL	486327.24	3674976.73	0.0000206	100425 Styrene	0 30YrCancerDerived	*	0
1074 ALL	486348.08	3674976.73	0.0000209	100425 Styrene	0 30YrCancerDerived	*	0
1075 ALL	486368.92	3674976.73	0.0000213	100425 Styrene	0 30YrCancerDerived	*	0

1076 ALL	486389.76	3674976.73	0.0000219	100425 Styrene	0 30YrCancerDerived	*	0
1077 ALL	486410.6	3674976.73	0.0000226	100425 Styrene	0 30YrCancerDerived	*	0
1078 ALL	486431.44	3674976.73	0.0000232	100425 Styrene	0 30YrCancerDerived	*	0
1079 ALL	485889.6	3674996.61	0.0000164	100425 Styrene	0 30YrCancerDerived	*	0
1080 ALL	485910.44	3674996.61	0.0000178	100425 Styrene	0 30YrCancerDerived	*	0
1081 ALL	485931.28	3674996.61	0.0000187	100425 Styrene	0 30YrCancerDerived	*	0
1082 ALL	485952.12	3674996.61	0.00002	100425 Styrene	0 30YrCancerDerived	*	0
1083 ALL	485972.96	3674996.61	0.0000188	100425 Styrene	0 30YrCancerDerived	*	0
1084 ALL	485993.8	3674996.61	0.0000181	100425 Styrene	0 30YrCancerDerived	*	0
1085 ALL	486014.64	3674996.61	0.0000179	100425 Styrene	0 30YrCancerDerived	*	0
1086 ALL	486035.48	3674996.61	0.0000183	100425 Styrene	0 30YrCancerDerived	*	0
1087 ALL	486056.32	3674996.61	0.0000193	100425 Styrene	0 30YrCancerDerived	*	0
1088 ALL	486077.16	3674996.61	0.0000198	100425 Styrene	0 30YrCancerDerived	*	0
1089 ALL	486098	3674996.61	0.0000202	100425 Styrene	0 30YrCancerDerived	*	0
1090 ALL	486118.84	3674996.61	0.0000203	100425 Styrene	0 30YrCancerDerived	*	0
1091 ALL	486139.68	3674996.61	0.0000196	100425 Styrene	0 30YrCancerDerived	*	0
1092 ALL	486160.52	3674996.61	0.000019	100425 Styrene	0 30YrCancerDerived	*	0
1093 ALL	486181.36	3674996.61	0.0000187	100425 Styrene	0 30YrCancerDerived	*	0
1094 ALL	486202.2	3674996.61	0.0000186	100425 Styrene	0 30YrCancerDerived	*	0
1095 ALL	486223.04	3674996.61	0.0000189	100425 Styrene	0 30YrCancerDerived	*	0
1096 ALL	486243.88	3674996.61	0.0000193	100425 Styrene	0 30YrCancerDerived	*	0
1097 ALL	486264.72	3674996.61	0.0000195	100425 Styrene	0 30YrCancerDerived	*	0
1098 ALL	486285.56	3674996.61	0.0000196	100425 Styrene	0 30YrCancerDerived	*	0
1099 ALL	486306.4	3674996.61	0.0000201	100425 Styrene	0 30YrCancerDerived	*	0
1100 ALL	486327.24	3674996.61	0.0000208	100425 Styrene	0 30YrCancerDerived	*	0
1101 ALL	486348.08	3674996.61	0.0000215	100425 Styrene	0 30YrCancerDerived	*	0
1102 ALL	486368.92	3674996.61	0.0000219	100425 Styrene	0 30YrCancerDerived	*	0
1103 ALL	486389.76	3674996.61	0.0000223	100425 Styrene	0 30YrCancerDerived	*	0
1104 ALL	486410.6	3674996.61	0.0000233	100425 Styrene	0 30YrCancerDerived	*	0
1105 ALL	486431.44	3674996.61	0.0000244	100425 Styrene	0 30YrCancerDerived	*	0
1106 ALL	486452.28	3674996.61	0.0000256	100425 Styrene	0 30YrCancerDerived	*	0
1107 ALL	486473.12	3674996.61	0.0000263	100425 Styrene	0 30YrCancerDerived	*	0
1108 ALL	486493.96	3674996.61	0.0000266	100425 Styrene	0 30YrCancerDerived	*	0
1109 ALL	486514.8	3674996.61	0.0000271	100425 Styrene	0 30YrCancerDerived	*	0
1110 ALL	485889.6	3675016.49	0.0000161	100425 Styrene	0 30YrCancerDerived	*	0

1111 ALL	485910.44	3675016.49	0.000018	100425 Styrene	0 30YrCancerDerived	*	0
1112 ALL	485931.28	3675016.49	0.0000193	100425 Styrene	0 30YrCancerDerived	*	0
1113 ALL	485952.12	3675016.49	0.0000204	100425 Styrene	0 30YrCancerDerived	*	0
1114 ALL	485972.96	3675016.49	0.000019	100425 Styrene	0 30YrCancerDerived	*	0
1115 ALL	485993.8	3675016.49	0.000018	100425 Styrene	0 30YrCancerDerived	*	0
1116 ALL	486014.64	3675016.49	0.0000176	100425 Styrene	0 30YrCancerDerived	*	0
1117 ALL	486035.48	3675016.49	0.0000177	100425 Styrene	0 30YrCancerDerived	*	0
1118 ALL	486056.32	3675016.49	0.0000182	100425 Styrene	0 30YrCancerDerived	*	0
1119 ALL	486077.16	3675016.49	0.0000189	100425 Styrene	0 30YrCancerDerived	*	0
1120 ALL	486098	3675016.49	0.0000196	100425 Styrene	0 30YrCancerDerived	*	0
1121 ALL	486118.84	3675016.49	0.0000195	100425 Styrene	0 30YrCancerDerived	*	0
1122 ALL	486139.68	3675016.49	0.0000194	100425 Styrene	0 30YrCancerDerived	*	0
1123 ALL	486160.52	3675016.49	0.0000194	100425 Styrene	0 30YrCancerDerived	*	0
1124 ALL	486181.36	3675016.49	0.000019	100425 Styrene	0 30YrCancerDerived	*	0
1125 ALL	486202.2	3675016.49	0.000019	100425 Styrene	0 30YrCancerDerived	*	0
1126 ALL	486223.04	3675016.49	0.000019	100425 Styrene	0 30YrCancerDerived	*	0
1127 ALL	486243.88	3675016.49	0.0000192	100425 Styrene	0 30YrCancerDerived	*	0
1128 ALL	486264.72	3675016.49	0.0000194	100425 Styrene	0 30YrCancerDerived	*	0
1129 ALL	486285.56	3675016.49	0.0000195	100425 Styrene	0 30YrCancerDerived	*	0
1130 ALL	486306.4	3675016.49	0.0000198	100425 Styrene	0 30YrCancerDerived	*	0
1131 ALL	486327.24	3675016.49	0.0000207	100425 Styrene	0 30YrCancerDerived	*	0
1132 ALL	486348.08	3675016.49	0.0000217	100425 Styrene	0 30YrCancerDerived	*	0
1133 ALL	486368.92	3675016.49	0.000023	100425 Styrene	0 30YrCancerDerived	*	0
1134 ALL	486389.76	3675016.49	0.0000235	100425 Styrene	0 30YrCancerDerived	*	0
1135 ALL	486410.6	3675016.49	0.0000243	100425 Styrene	0 30YrCancerDerived	*	0
1136 ALL	486431.44	3675016.49	0.0000261	100425 Styrene	0 30YrCancerDerived	*	0
1137 ALL	486452.28	3675016.49	0.0000281	100425 Styrene	0 30YrCancerDerived	*	0
1138 ALL	486473.12	3675016.49	0.0000292	100425 Styrene	0 30YrCancerDerived	*	0
1139 ALL	486493.96	3675016.49	0.00003	100425 Styrene	0 30YrCancerDerived	*	0
1140 ALL	486514.8	3675016.49	0.0000309	100425 Styrene	0 30YrCancerDerived	*	0
1141 ALL	485889.6	3675036.37	0.0000161	100425 Styrene	0 30YrCancerDerived	*	0
1142 ALL	485910.44	3675036.37	0.0000179	100425 Styrene	0 30YrCancerDerived	*	0
1143 ALL	485931.28	3675036.37	0.0000193	100425 Styrene	0 30YrCancerDerived	*	0
1144 ALL	485952.12	3675036.37	0.0000221	100425 Styrene	0 30YrCancerDerived	*	0
1145 ALL	485972.96	3675036.37	0.0000199	100425 Styrene	0 30YrCancerDerived	*	0

1146	ALL	485993.8	3675036.37	0.0000182	100425 Styrene	0 30YrCancerDerived	*	0
1147	ALL	486014.64	3675036.37	0.0000178	100425 Styrene	0 30YrCancerDerived	*	0
1148	ALL	486035.48	3675036.37	0.0000176	100425 Styrene	0 30YrCancerDerived	*	0
1149	ALL	486056.32	3675036.37	0.0000178	100425 Styrene	0 30YrCancerDerived	*	0
1150	ALL	486077.16	3675036.37	0.0000183	100425 Styrene	0 30YrCancerDerived	*	0
1151	ALL	486098	3675036.37	0.0000187	100425 Styrene	0 30YrCancerDerived	*	0
1152	ALL	486118.84	3675036.37	0.0000189	100425 Styrene	0 30YrCancerDerived	*	0
1153	ALL	486139.68	3675036.37	0.0000188	100425 Styrene	0 30YrCancerDerived	*	0
1154	ALL	486160.52	3675036.37	0.000019	100425 Styrene	0 30YrCancerDerived	*	0
1155	ALL	486181.36	3675036.37	0.000019	100425 Styrene	0 30YrCancerDerived	*	0
1156	ALL	486202.2	3675036.37	0.0000189	100425 Styrene	0 30YrCancerDerived	*	0
1157	ALL	486223.04	3675036.37	0.0000189	100425 Styrene	0 30YrCancerDerived	*	0
1158	ALL	486243.88	3675036.37	0.0000191	100425 Styrene	0 30YrCancerDerived	*	0
1159	ALL	486264.72	3675036.37	0.0000195	100425 Styrene	0 30YrCancerDerived	*	0
1160	ALL	486285.56	3675036.37	0.0000197	100425 Styrene	0 30YrCancerDerived	*	0
1161	ALL	486306.4	3675036.37	0.0000201	100425 Styrene	0 30YrCancerDerived	*	0
1162	ALL	486327.24	3675036.37	0.0000209	100425 Styrene	0 30YrCancerDerived	*	0
1163	ALL	486348.08	3675036.37	0.0000221	100425 Styrene	0 30YrCancerDerived	*	0
1164	ALL	486368.92	3675036.37	0.000024	100425 Styrene	0 30YrCancerDerived	*	0
1165	ALL	486389.76	3675036.37	0.0000258	100425 Styrene	0 30YrCancerDerived	*	0
1166	ALL	486410.6	3675036.37	0.0000268	100425 Styrene	0 30YrCancerDerived	*	0
1167	ALL	486431.44	3675036.37	0.000029	100425 Styrene	0 30YrCancerDerived	*	0
1168	ALL	486452.28	3675036.37	0.0000308	100425 Styrene	0 30YrCancerDerived	*	0
1169	ALL	486473.12	3675036.37	0.0000321	100425 Styrene	0 30YrCancerDerived	*	0
1170	ALL	486493.96	3675036.37	0.0000337	100425 Styrene	0 30YrCancerDerived	*	0
1171	ALL	486514.8	3675036.37	0.0000352	100425 Styrene	0 30YrCancerDerived	*	0
1172	ALL	485889.6	3675056.25	0.0000162	100425 Styrene	0 30YrCancerDerived	*	0
1173	ALL	485910.44	3675056.25	0.0000181	100425 Styrene	0 30YrCancerDerived	*	0
1174	ALL	485931.28	3675056.25	0.0000206	100425 Styrene	0 30YrCancerDerived	*	0
1175	ALL	485952.12	3675056.25	0.0000231	100425 Styrene	0 30YrCancerDerived	*	0
1176	ALL	485972.96	3675056.25	0.0000215	100425 Styrene	0 30YrCancerDerived	*	0
1177	ALL	485993.8	3675056.25	0.0000192	100425 Styrene	0 30YrCancerDerived	*	0
1178	ALL	486014.64	3675056.25	0.0000184	100425 Styrene	0 30YrCancerDerived	*	0
1179	ALL	486035.48	3675056.25	0.0000178	100425 Styrene	0 30YrCancerDerived	*	0
1180	ALL	486056.32	3675056.25	0.0000178	100425 Styrene	0 30YrCancerDerived	*	0

1181 ALL	486077.16	3675056.25	0.0000178	100425 Styrene	0 30YrCancerDerived	*	0
1182 ALL	486098	3675056.25	0.000018	100425 Styrene	0 30YrCancerDerived	*	0
1183 ALL	486118.84	3675056.25	0.0000182	100425 Styrene	0 30YrCancerDerived	*	0
1184 ALL	486139.68	3675056.25	0.0000182	100425 Styrene	0 30YrCancerDerived	*	0
1185 ALL	486160.52	3675056.25	0.0000183	100425 Styrene	0 30YrCancerDerived	*	0
1186 ALL	486181.36	3675056.25	0.0000186	100425 Styrene	0 30YrCancerDerived	*	0
1187 ALL	486202.2	3675056.25	0.0000185	100425 Styrene	0 30YrCancerDerived	*	0
1188 ALL	486223.04	3675056.25	0.0000187	100425 Styrene	0 30YrCancerDerived	*	0
1189 ALL	486243.88	3675056.25	0.0000191	100425 Styrene	0 30YrCancerDerived	*	0
1190 ALL	486264.72	3675056.25	0.0000197	100425 Styrene	0 30YrCancerDerived	*	0
1191 ALL	486285.56	3675056.25	0.0000202	100425 Styrene	0 30YrCancerDerived	*	0
1192 ALL	486306.4	3675056.25	0.0000207	100425 Styrene	0 30YrCancerDerived	*	0
1193 ALL	486327.24	3675056.25	0.0000216	100425 Styrene	0 30YrCancerDerived	*	0
1194 ALL	486348.08	3675056.25	0.0000233	100425 Styrene	0 30YrCancerDerived	*	0
1195 ALL	486368.92	3675056.25	0.0000254	100425 Styrene	0 30YrCancerDerived	*	0
1196 ALL	486389.76	3675056.25	0.0000268	100425 Styrene	0 30YrCancerDerived	*	0
1197 ALL	486410.6	3675056.25	0.0000276	100425 Styrene	0 30YrCancerDerived	*	0
1198 ALL	486431.44	3675056.25	0.0000292	100425 Styrene	0 30YrCancerDerived	*	0
1199 ALL	486452.28	3675056.25	0.0000305	100425 Styrene	0 30YrCancerDerived	*	0
1200 ALL	486473.12	3675056.25	0.000032	100425 Styrene	0 30YrCancerDerived	*	0
1201 ALL	486493.96	3675056.25	0.0000345	100425 Styrene	0 30YrCancerDerived	*	0
1202 ALL	486514.8	3675056.25	0.0000373	100425 Styrene	0 30YrCancerDerived	*	0
1203 ALL	485889.6	3675076.13	0.0000164	100425 Styrene	0 30YrCancerDerived	*	0
1204 ALL	485910.44	3675076.13	0.0000181	100425 Styrene	0 30YrCancerDerived	*	0
1205 ALL	485931.28	3675076.13	0.0000211	100425 Styrene	0 30YrCancerDerived	*	0
1206 ALL	485952.12	3675076.13	0.000024	100425 Styrene	0 30YrCancerDerived	*	0
1207 ALL	485972.96	3675076.13	0.0000212	100425 Styrene	0 30YrCancerDerived	*	0
1208 ALL	485993.8	3675076.13	0.0000187	100425 Styrene	0 30YrCancerDerived	*	0
1209 ALL	486014.64	3675076.13	0.0000181	100425 Styrene	0 30YrCancerDerived	*	0
1210 ALL	486035.48	3675076.13	0.000018	100425 Styrene	0 30YrCancerDerived	*	0
1211 ALL	486056.32	3675076.13	0.0000179	100425 Styrene	0 30YrCancerDerived	*	0
1212 ALL	486077.16	3675076.13	0.0000178	100425 Styrene	0 30YrCancerDerived	*	0
1213 ALL	486098	3675076.13	0.0000175	100425 Styrene	0 30YrCancerDerived	*	0
1214 ALL	486118.84	3675076.13	0.0000176	100425 Styrene	0 30YrCancerDerived	*	0
1215 ALL	486139.68	3675076.13	0.0000176	100425 Styrene	0 30YrCancerDerived	*	0

1216 ALL	486160.52	3675076.13	0.0000176	100425 Styrene	0 30YrCancerDerived	*	0
1217 ALL	486181.36	3675076.13	0.0000178	100425 Styrene	0 30YrCancerDerived	*	0
1218 ALL	486202.2	3675076.13	0.0000182	100425 Styrene	0 30YrCancerDerived	*	0
1219 ALL	486223.04	3675076.13	0.0000185	100425 Styrene	0 30YrCancerDerived	*	0
1220 ALL	486243.88	3675076.13	0.0000191	100425 Styrene	0 30YrCancerDerived	*	0
1221 ALL	486264.72	3675076.13	0.0000199	100425 Styrene	0 30YrCancerDerived	*	0
1222 ALL	486285.56	3675076.13	0.0000207	100425 Styrene	0 30YrCancerDerived	*	0
1223 ALL	486306.4	3675076.13	0.0000217	100425 Styrene	0 30YrCancerDerived	*	0
1224 ALL	486327.24	3675076.13	0.0000227	100425 Styrene	0 30YrCancerDerived	*	0
1225 ALL	486348.08	3675076.13	0.000024	100425 Styrene	0 30YrCancerDerived	*	0
1226 ALL	486368.92	3675076.13	0.0000245	100425 Styrene	0 30YrCancerDerived	*	0
1227 ALL	486389.76	3675076.13	0.0000251	100425 Styrene	0 30YrCancerDerived	*	0
1228 ALL	486410.6	3675076.13	0.0000258	100425 Styrene	0 30YrCancerDerived	*	0
1229 ALL	486431.44	3675076.13	0.0000268	100425 Styrene	0 30YrCancerDerived	*	0
1230 ALL	486452.28	3675076.13	0.000028	100425 Styrene	0 30YrCancerDerived	*	0
1231 ALL	486473.12	3675076.13	0.0000294	100425 Styrene	0 30YrCancerDerived	*	0
1232 ALL	486493.96	3675076.13	0.0000312	100425 Styrene	0 30YrCancerDerived	*	0
1233 ALL	486514.8	3675076.13	0.0000335	100425 Styrene	0 30YrCancerDerived	*	0
1234 ALL	485889.6	3675096.01	0.0000163	100425 Styrene	0 30YrCancerDerived	*	0
1235 ALL	485910.44	3675096.01	0.0000184	100425 Styrene	0 30YrCancerDerived	*	0
1236 ALL	485931.28	3675096.01	0.0000222	100425 Styrene	0 30YrCancerDerived	*	0
1237 ALL	485952.12	3675096.01	0.0000263	100425 Styrene	0 30YrCancerDerived	*	0
1238 ALL	485972.96	3675096.01	0.0000223	100425 Styrene	0 30YrCancerDerived	*	0
1239 ALL	485993.8	3675096.01	0.0000189	100425 Styrene	0 30YrCancerDerived	*	0
1240 ALL	486014.64	3675096.01	0.0000181	100425 Styrene	0 30YrCancerDerived	*	0
1241 ALL	486035.48	3675096.01	0.0000183	100425 Styrene	0 30YrCancerDerived	*	0
1242 ALL	486056.32	3675096.01	0.0000185	100425 Styrene	0 30YrCancerDerived	*	0
1243 ALL	486077.16	3675096.01	0.0000186	100425 Styrene	0 30YrCancerDerived	*	0
1244 ALL	486098	3675096.01	0.000018	100425 Styrene	0 30YrCancerDerived	*	0
1245 ALL	486118.84	3675096.01	0.0000173	100425 Styrene	0 30YrCancerDerived	*	0
1246 ALL	486139.68	3675096.01	0.0000172	100425 Styrene	0 30YrCancerDerived	*	0
1247 ALL	486160.52	3675096.01	0.0000171	100425 Styrene	0 30YrCancerDerived	*	0
1248 ALL	486181.36	3675096.01	0.0000174	100425 Styrene	0 30YrCancerDerived	*	0
1249 ALL	486202.2	3675096.01	0.0000178	100425 Styrene	0 30YrCancerDerived	*	0
1250 ALL	486223.04	3675096.01	0.0000184	100425 Styrene	0 30YrCancerDerived	*	0

1251 ALL	486243.88	3675096.01	0.0000192	100425 Styrene	0 30YrCancerDerived	*	0
1252 ALL	486264.72	3675096.01	0.0000201	100425 Styrene	0 30YrCancerDerived	*	0
1253 ALL	486285.56	3675096.01	0.0000211	100425 Styrene	0 30YrCancerDerived	*	0
1254 ALL	486306.4	3675096.01	0.0000222	100425 Styrene	0 30YrCancerDerived	*	0
1255 ALL	486327.24	3675096.01	0.0000225	100425 Styrene	0 30YrCancerDerived	*	0
1256 ALL	486348.08	3675096.01	0.0000227	100425 Styrene	0 30YrCancerDerived	*	0
1257 ALL	486368.92	3675096.01	0.0000229	100425 Styrene	0 30YrCancerDerived	*	0
1258 ALL	486389.76	3675096.01	0.0000233	100425 Styrene	0 30YrCancerDerived	*	0
1259 ALL	486410.6	3675096.01	0.0000238	100425 Styrene	0 30YrCancerDerived	*	0
1260 ALL	486431.44	3675096.01	0.0000245	100425 Styrene	0 30YrCancerDerived	*	0
1261 ALL	486452.28	3675096.01	0.0000255	100425 Styrene	0 30YrCancerDerived	*	0
1262 ALL	486473.12	3675096.01	0.0000267	100425 Styrene	0 30YrCancerDerived	*	0
1263 ALL	486493.96	3675096.01	0.0000282	100425 Styrene	0 30YrCancerDerived	*	0
1264 ALL	486514.8	3675096.01	0.0000301	100425 Styrene	0 30YrCancerDerived	*	0
1265 ALL	485889.6	3675115.89	0.0000168	100425 Styrene	0 30YrCancerDerived	*	0
1266 ALL	485910.44	3675115.89	0.0000184	100425 Styrene	0 30YrCancerDerived	*	0
1267 ALL	485931.28	3675115.89	0.0000219	100425 Styrene	0 30YrCancerDerived	*	0
1268 ALL	485952.12	3675115.89	0.0000292	100425 Styrene	0 30YrCancerDerived	*	0
1269 ALL	485972.96	3675115.89	0.0000271	100425 Styrene	0 30YrCancerDerived	*	0
1270 ALL	485993.8	3675115.89	0.0000221	100425 Styrene	0 30YrCancerDerived	*	0
1271 ALL	486014.64	3675115.89	0.0000203	100425 Styrene	0 30YrCancerDerived	*	0
1272 ALL	486035.48	3675115.89	0.0000199	100425 Styrene	0 30YrCancerDerived	*	0
1273 ALL	486056.32	3675115.89	0.0000199	100425 Styrene	0 30YrCancerDerived	*	0
1274 ALL	486077.16	3675115.89	0.0000196	100425 Styrene	0 30YrCancerDerived	*	0
1275 ALL	486098	3675115.89	0.0000185	100425 Styrene	0 30YrCancerDerived	*	0
1276 ALL	486118.84	3675115.89	0.0000176	100425 Styrene	0 30YrCancerDerived	*	0
1277 ALL	486139.68	3675115.89	0.0000172	100425 Styrene	0 30YrCancerDerived	*	0
1278 ALL	486160.52	3675115.89	0.0000171	100425 Styrene	0 30YrCancerDerived	*	0
1279 ALL	486181.36	3675115.89	0.0000173	100425 Styrene	0 30YrCancerDerived	*	0
1280 ALL	486202.2	3675115.89	0.0000177	100425 Styrene	0 30YrCancerDerived	*	0
1281 ALL	486223.04	3675115.89	0.0000185	100425 Styrene	0 30YrCancerDerived	*	0
1282 ALL	486243.88	3675115.89	0.0000193	100425 Styrene	0 30YrCancerDerived	*	0
1283 ALL	486264.72	3675115.89	0.00002	100425 Styrene	0 30YrCancerDerived	*	0
1284 ALL	486285.56	3675115.89	0.0000205	100425 Styrene	0 30YrCancerDerived	*	0
1285 ALL	486306.4	3675115.89	0.0000212	100425 Styrene	0 30YrCancerDerived	*	0

1286 ALL	486327.24	3675115.89	0.0000214	100425 Styrene	0 30YrCancerDerived	*	0
1287 ALL	486348.08	3675115.89	0.0000215	100425 Styrene	0 30YrCancerDerived	*	0
1288 ALL	486368.92	3675115.89	0.0000215	100425 Styrene	0 30YrCancerDerived	*	0
1289 ALL	486389.76	3675115.89	0.0000218	100425 Styrene	0 30YrCancerDerived	*	0
1290 ALL	486410.6	3675115.89	0.0000222	100425 Styrene	0 30YrCancerDerived	*	0
1291 ALL	486431.44	3675115.89	0.0000229	100425 Styrene	0 30YrCancerDerived	*	0
1292 ALL	486452.28	3675115.89	0.0000238	100425 Styrene	0 30YrCancerDerived	*	0
1293 ALL	486473.12	3675115.89	0.0000249	100425 Styrene	0 30YrCancerDerived	*	0
1294 ALL	486493.96	3675115.89	0.0000264	100425 Styrene	0 30YrCancerDerived	*	0
1295 ALL	486514.8	3675115.89	0.0000283	100425 Styrene	0 30YrCancerDerived	*	0
1296 ALL	485889.6	3675135.77	0.0000165	100425 Styrene	0 30YrCancerDerived	*	0
1297 ALL	485910.44	3675135.77	0.0000194	100425 Styrene	0 30YrCancerDerived	*	0
1298 ALL	485931.28	3675135.77	0.0000233	100425 Styrene	0 30YrCancerDerived	*	0
1299 ALL	485952.12	3675135.77	0.0000291	100425 Styrene	0 30YrCancerDerived	*	0
1300 ALL	485972.96	3675135.77	0.0000376	100425 Styrene	0 30YrCancerDerived	*	0
1301 ALL	485993.8	3675135.77	0.0000309	100425 Styrene	0 30YrCancerDerived	*	0
1302 ALL	486014.64	3675135.77	0.0000263	100425 Styrene	0 30YrCancerDerived	*	0
1303 ALL	486035.48	3675135.77	0.0000231	100425 Styrene	0 30YrCancerDerived	*	0
1304 ALL	486056.32	3675135.77	0.0000209	100425 Styrene	0 30YrCancerDerived	*	0
1305 ALL	486077.16	3675135.77	0.0000196	100425 Styrene	0 30YrCancerDerived	*	0
1306 ALL	486098	3675135.77	0.0000182	100425 Styrene	0 30YrCancerDerived	*	0
1307 ALL	486118.84	3675135.77	0.0000173	100425 Styrene	0 30YrCancerDerived	*	0
1308 ALL	486139.68	3675135.77	0.000017	100425 Styrene	0 30YrCancerDerived	*	0
1309 ALL	486160.52	3675135.77	0.000017	100425 Styrene	0 30YrCancerDerived	*	0
1310 ALL	486181.36	3675135.77	0.0000172	100425 Styrene	0 30YrCancerDerived	*	0
1311 ALL	486202.2	3675135.77	0.0000176	100425 Styrene	0 30YrCancerDerived	*	0
1312 ALL	486223.04	3675135.77	0.0000185	100425 Styrene	0 30YrCancerDerived	*	0
1313 ALL	486243.88	3675135.77	0.000019	100425 Styrene	0 30YrCancerDerived	*	0
1314 ALL	486264.72	3675135.77	0.0000192	100425 Styrene	0 30YrCancerDerived	*	0
1315 ALL	486285.56	3675135.77	0.0000196	100425 Styrene	0 30YrCancerDerived	*	0
1316 ALL	486306.4	3675135.77	0.0000202	100425 Styrene	0 30YrCancerDerived	*	0
1317 ALL	486327.24	3675135.77	0.0000205	100425 Styrene	0 30YrCancerDerived	*	0
1318 ALL	486348.08	3675135.77	0.0000205	100425 Styrene	0 30YrCancerDerived	*	0
1319 ALL	486368.92	3675135.77	0.0000205	100425 Styrene	0 30YrCancerDerived	*	0
1320 ALL	486389.76	3675135.77	0.0000207	100425 Styrene	0 30YrCancerDerived	*	0

1321 ALL	486410.6	3675135.77	0.0000212	100425 Styrene	0 30YrCancerDerived	*	0
1322 ALL	486431.44	3675135.77	0.0000221	100425 Styrene	0 30YrCancerDerived	*	0
1323 ALL	486452.28	3675135.77	0.0000231	100425 Styrene	0 30YrCancerDerived	*	0
1324 ALL	486473.12	3675135.77	0.0000246	100425 Styrene	0 30YrCancerDerived	*	0
1325 ALL	486493.96	3675135.77	0.0000261	100425 Styrene	0 30YrCancerDerived	*	0
1326 ALL	486514.8	3675135.77	0.0000283	100425 Styrene	0 30YrCancerDerived	*	0
1327 ALL	486035.48	3675155.65	0.0000236	100425 Styrene	0 30YrCancerDerived	*	0
1328 ALL	486056.32	3675155.65	0.000021	100425 Styrene	0 30YrCancerDerived	*	0
1329 ALL	486077.16	3675155.65	0.0000196	100425 Styrene	0 30YrCancerDerived	*	0
1330 ALL	486098	3675155.65	0.0000183	100425 Styrene	0 30YrCancerDerived	*	0
1331 ALL	486118.84	3675155.65	0.0000175	100425 Styrene	0 30YrCancerDerived	*	0
1332 ALL	486139.68	3675155.65	0.0000172	100425 Styrene	0 30YrCancerDerived	*	0
1333 ALL	486160.52	3675155.65	0.0000171	100425 Styrene	0 30YrCancerDerived	*	0
1334 ALL	486181.36	3675155.65	0.0000172	100425 Styrene	0 30YrCancerDerived	*	0
1335 ALL	486202.2	3675155.65	0.0000174	100425 Styrene	0 30YrCancerDerived	*	0
1336 ALL	486223.04	3675155.65	0.0000178	100425 Styrene	0 30YrCancerDerived	*	0
1337 ALL	486243.88	3675155.65	0.0000183	100425 Styrene	0 30YrCancerDerived	*	0
1338 ALL	486264.72	3675155.65	0.0000184	100425 Styrene	0 30YrCancerDerived	*	0
1339 ALL	486285.56	3675155.65	0.0000188	100425 Styrene	0 30YrCancerDerived	*	0
1340 ALL	486306.4	3675155.65	0.0000195	100425 Styrene	0 30YrCancerDerived	*	0
1341 ALL	486327.24	3675155.65	0.00002	100425 Styrene	0 30YrCancerDerived	*	0
1342 ALL	486348.08	3675155.65	0.00002	100425 Styrene	0 30YrCancerDerived	*	0
1343 ALL	486368.92	3675155.65	0.0000201	100425 Styrene	0 30YrCancerDerived	*	0
1344 ALL	486389.76	3675155.65	0.0000204	100425 Styrene	0 30YrCancerDerived	*	0
1345 ALL	486410.6	3675155.65	0.0000212	100425 Styrene	0 30YrCancerDerived	*	0
1346 ALL	486431.44	3675155.65	0.0000223	100425 Styrene	0 30YrCancerDerived	*	0
1347 ALL	486452.28	3675155.65	0.0000236	100425 Styrene	0 30YrCancerDerived	*	0
1348 ALL	486473.12	3675155.65	0.000025	100425 Styrene	0 30YrCancerDerived	*	0
1349 ALL	486493.96	3675155.65	0.0000265	100425 Styrene	0 30YrCancerDerived	*	0
1350 ALL	486514.8	3675155.65	0.0000292	100425 Styrene	0 30YrCancerDerived	*	0
1351 ALL	486077.16	3675175.53	0.0000204	100425 Styrene	0 30YrCancerDerived	*	0
1352 ALL	486098	3675175.53	0.0000188	100425 Styrene	0 30YrCancerDerived	*	0
1353 ALL	486118.84	3675175.53	0.0000179	100425 Styrene	0 30YrCancerDerived	*	0
1354 ALL	486139.68	3675175.53	0.0000175	100425 Styrene	0 30YrCancerDerived	*	0
1355 ALL	486160.52	3675175.53	0.000017	100425 Styrene	0 30YrCancerDerived	*	0

1356 ALL	486181.36	3675175.53	0.0000171	100425 Styrene	0 30YrCancerDerived	*	0
1357 ALL	486202.2	3675175.53	0.0000171	100425 Styrene	0 30YrCancerDerived	*	0
1358 ALL	486223.04	3675175.53	0.0000174	100425 Styrene	0 30YrCancerDerived	*	0
1359 ALL	486243.88	3675175.53	0.0000177	100425 Styrene	0 30YrCancerDerived	*	0
1360 ALL	486264.72	3675175.53	0.0000179	100425 Styrene	0 30YrCancerDerived	*	0
1361 ALL	486285.56	3675175.53	0.0000183	100425 Styrene	0 30YrCancerDerived	*	0
1362 ALL	486306.4	3675175.53	0.000019	100425 Styrene	0 30YrCancerDerived	*	0
1363 ALL	486327.24	3675175.53	0.0000195	100425 Styrene	0 30YrCancerDerived	*	0
1364 ALL	486348.08	3675175.53	0.0000198	100425 Styrene	0 30YrCancerDerived	*	0
1365 ALL	486368.92	3675175.53	0.0000202	100425 Styrene	0 30YrCancerDerived	*	0
1366 ALL	486389.76	3675175.53	0.0000208	100425 Styrene	0 30YrCancerDerived	*	0
1367 ALL	486410.6	3675175.53	0.0000217	100425 Styrene	0 30YrCancerDerived	*	0
1368 ALL	486431.44	3675175.53	0.0000229	100425 Styrene	0 30YrCancerDerived	*	0
1369 ALL	486452.28	3675175.53	0.0000242	100425 Styrene	0 30YrCancerDerived	*	0
1370 ALL	486473.12	3675175.53	0.0000258	100425 Styrene	0 30YrCancerDerived	*	0
1371 ALL	486493.96	3675175.53	0.0000275	100425 Styrene	0 30YrCancerDerived	*	0
1372 ALL	486514.8	3675175.53	0.0000305	100425 Styrene	0 30YrCancerDerived	*	0
1373 ALL	486098	3675195.41	0.0000186	100425 Styrene	0 30YrCancerDerived	*	0
1374 ALL	486118.84	3675195.41	0.0000177	100425 Styrene	0 30YrCancerDerived	*	0
1375 ALL	486139.68	3675195.41	0.0000172	100425 Styrene	0 30YrCancerDerived	*	0
1376 ALL	486160.52	3675195.41	0.0000169	100425 Styrene	0 30YrCancerDerived	*	0
1377 ALL	486181.36	3675195.41	0.0000169	100425 Styrene	0 30YrCancerDerived	*	0
1378 ALL	486202.2	3675195.41	0.0000169	100425 Styrene	0 30YrCancerDerived	*	0
1379 ALL	486223.04	3675195.41	0.0000169	100425 Styrene	0 30YrCancerDerived	*	0
1380 ALL	486243.88	3675195.41	0.0000171	100425 Styrene	0 30YrCancerDerived	*	0
1381 ALL	486264.72	3675195.41	0.0000175	100425 Styrene	0 30YrCancerDerived	*	0
1382 ALL	486285.56	3675195.41	0.0000182	100425 Styrene	0 30YrCancerDerived	*	0
1383 ALL	486306.4	3675195.41	0.0000188	100425 Styrene	0 30YrCancerDerived	*	0
1384 ALL	486327.24	3675195.41	0.0000194	100425 Styrene	0 30YrCancerDerived	*	0
1385 ALL	486348.08	3675195.41	0.0000199	100425 Styrene	0 30YrCancerDerived	*	0
1386 ALL	486368.92	3675195.41	0.0000204	100425 Styrene	0 30YrCancerDerived	*	0
1387 ALL	486389.76	3675195.41	0.0000212	100425 Styrene	0 30YrCancerDerived	*	0
1388 ALL	486410.6	3675195.41	0.0000223	100425 Styrene	0 30YrCancerDerived	*	0
1389 ALL	486431.44	3675195.41	0.0000235	100425 Styrene	0 30YrCancerDerived	*	0
1390 ALL	486452.28	3675195.41	0.0000252	100425 Styrene	0 30YrCancerDerived	*	0

1391 ALL	486473.12	3675195.41	0.000027	100425 Styrene	0 30YrCancerDerived	*	0
1392 ALL	486493.96	3675195.41	0.0000297	100425 Styrene	0 30YrCancerDerived	*	0
1393 ALL	486514.8	3675195.41	0.000034	100425 Styrene	0 30YrCancerDerived	*	0
1394 ALL	486098	3675215.29	0.0000186	100425 Styrene	0 30YrCancerDerived	*	0
1395 ALL	486118.84	3675215.29	0.0000174	100425 Styrene	0 30YrCancerDerived	*	0
1396 ALL	486139.68	3675215.29	0.0000166	100425 Styrene	0 30YrCancerDerived	*	0
1397 ALL	486160.52	3675215.29	0.0000164	100425 Styrene	0 30YrCancerDerived	*	0
1398 ALL	486181.36	3675215.29	0.0000166	100425 Styrene	0 30YrCancerDerived	*	0
1399 ALL	486202.2	3675215.29	0.0000167	100425 Styrene	0 30YrCancerDerived	*	0
1400 ALL	486223.04	3675215.29	0.0000167	100425 Styrene	0 30YrCancerDerived	*	0
1401 ALL	486243.88	3675215.29	0.0000171	100425 Styrene	0 30YrCancerDerived	*	0
1402 ALL	486264.72	3675215.29	0.0000176	100425 Styrene	0 30YrCancerDerived	*	0
1403 ALL	486285.56	3675215.29	0.0000182	100425 Styrene	0 30YrCancerDerived	*	0
1404 ALL	486306.4	3675215.29	0.0000189	100425 Styrene	0 30YrCancerDerived	*	0
1405 ALL	486327.24	3675215.29	0.0000195	100425 Styrene	0 30YrCancerDerived	*	0
1406 ALL	486348.08	3675215.29	0.0000202	100425 Styrene	0 30YrCancerDerived	*	0
1407 ALL	486368.92	3675215.29	0.0000209	100425 Styrene	0 30YrCancerDerived	*	0
1408 ALL	486389.76	3675215.29	0.0000218	100425 Styrene	0 30YrCancerDerived	*	0
1409 ALL	486410.6	3675215.29	0.000023	100425 Styrene	0 30YrCancerDerived	*	0
1410 ALL	486431.44	3675215.29	0.0000247	100425 Styrene	0 30YrCancerDerived	*	0
1411 ALL	486452.28	3675215.29	0.0000265	100425 Styrene	0 30YrCancerDerived	*	0
1412 ALL	486473.12	3675215.29	0.0000288	100425 Styrene	0 30YrCancerDerived	*	0
1413 ALL	486493.96	3675215.29	0.0000328	100425 Styrene	0 30YrCancerDerived	*	0
1414 ALL	486514.8	3675215.29	0.0000387	100425 Styrene	0 30YrCancerDerived	*	0
1415 ALL	486118.84	3675235.17	0.0000172	100425 Styrene	0 30YrCancerDerived	*	0
1416 ALL	486139.68	3675235.17	0.0000167	100425 Styrene	0 30YrCancerDerived	*	0
1417 ALL	486160.52	3675235.17	0.0000164	100425 Styrene	0 30YrCancerDerived	*	0
1418 ALL	486181.36	3675235.17	0.0000163	100425 Styrene	0 30YrCancerDerived	*	0
1419 ALL	486202.2	3675235.17	0.0000164	100425 Styrene	0 30YrCancerDerived	*	0
1420 ALL	486223.04	3675235.17	0.0000168	100425 Styrene	0 30YrCancerDerived	*	0
1421 ALL	486243.88	3675235.17	0.0000173	100425 Styrene	0 30YrCancerDerived	*	0
1422 ALL	486264.72	3675235.17	0.0000178	100425 Styrene	0 30YrCancerDerived	*	0
1423 ALL	486285.56	3675235.17	0.0000183	100425 Styrene	0 30YrCancerDerived	*	0
1424 ALL	486306.4	3675235.17	0.000019	100425 Styrene	0 30YrCancerDerived	*	0
1425 ALL	486327.24	3675235.17	0.0000199	100425 Styrene	0 30YrCancerDerived	*	0

1426 ALL	486348.08	3675235.17	0.0000207	100425 Styrene	0 30YrCancerDerived	*	0
1427 ALL	486368.92	3675235.17	0.0000215	100425 Styrene	0 30YrCancerDerived	*	0
1428 ALL	486389.76	3675235.17	0.0000228	100425 Styrene	0 30YrCancerDerived	*	0
1429 ALL	486410.6	3675235.17	0.0000244	100425 Styrene	0 30YrCancerDerived	*	0
1430 ALL	486431.44	3675235.17	0.0000264	100425 Styrene	0 30YrCancerDerived	*	0
1431 ALL	486452.28	3675235.17	0.0000288	100425 Styrene	0 30YrCancerDerived	*	0
1432 ALL	486473.12	3675235.17	0.0000326	100425 Styrene	0 30YrCancerDerived	*	0
1433 ALL	486493.96	3675235.17	0.0000366	100425 Styrene	0 30YrCancerDerived	*	0
1434 ALL	486514.8	3675235.17	0.0000402	100425 Styrene	0 30YrCancerDerived	*	0
1435 ALL	486139.68	3675255.05	0.0000169	100425 Styrene	0 30YrCancerDerived	*	0
1436 ALL	486160.52	3675255.05	0.0000167	100425 Styrene	0 30YrCancerDerived	*	0
1437 ALL	486181.36	3675255.05	0.0000166	100425 Styrene	0 30YrCancerDerived	*	0
1438 ALL	486202.2	3675255.05	0.0000166	100425 Styrene	0 30YrCancerDerived	*	0
1439 ALL	486223.04	3675255.05	0.000017	100425 Styrene	0 30YrCancerDerived	*	0
1440 ALL	486243.88	3675255.05	0.0000176	100425 Styrene	0 30YrCancerDerived	*	0
1441 ALL	486264.72	3675255.05	0.0000181	100425 Styrene	0 30YrCancerDerived	*	0
1442 ALL	486285.56	3675255.05	0.0000186	100425 Styrene	0 30YrCancerDerived	*	0
1443 ALL	486306.4	3675255.05	0.0000194	100425 Styrene	0 30YrCancerDerived	*	0
1444 ALL	486327.24	3675255.05	0.0000202	100425 Styrene	0 30YrCancerDerived	*	0
1445 ALL	486348.08	3675255.05	0.0000212	100425 Styrene	0 30YrCancerDerived	*	0
1446 ALL	486368.92	3675255.05	0.0000223	100425 Styrene	0 30YrCancerDerived	*	0
1447 ALL	486389.76	3675255.05	0.0000236	100425 Styrene	0 30YrCancerDerived	*	0
1448 ALL	486410.6	3675255.05	0.000025	100425 Styrene	0 30YrCancerDerived	*	0
1449 ALL	486431.44	3675255.05	0.0000268	100425 Styrene	0 30YrCancerDerived	*	0
1450 ALL	486452.28	3675255.05	0.0000289	100425 Styrene	0 30YrCancerDerived	*	0
1451 ALL	486473.12	3675255.05	0.0000309	100425 Styrene	0 30YrCancerDerived	*	0
1452 ALL	486493.96	3675255.05	0.000033	100425 Styrene	0 30YrCancerDerived	*	0
1453 ALL	486514.8	3675255.05	0.000034	100425 Styrene	0 30YrCancerDerived	*	0
1454 ALL	486535.64	3675255.05	0.000035	100425 Styrene	0 30YrCancerDerived	*	0
1455 ALL	486264.72	3675274.93	0.0000185	100425 Styrene	0 30YrCancerDerived	*	0
1456 ALL	486285.56	3675274.93	0.000019	100425 Styrene	0 30YrCancerDerived	*	0
1457 ALL	486306.4	3675274.93	0.0000195	100425 Styrene	0 30YrCancerDerived	*	0
1458 ALL	486327.24	3675274.93	0.0000203	100425 Styrene	0 30YrCancerDerived	*	0
1459 ALL	486348.08	3675274.93	0.0000213	100425 Styrene	0 30YrCancerDerived	*	0
1460 ALL	486368.92	3675274.93	0.0000222	100425 Styrene	0 30YrCancerDerived	*	0

1461 ALL	486389.76	3675274.93	0.000023	100425 Styrene	0 30YrCancerDerived	*	0
1462 ALL	486410.6	3675274.93	0.0000238	100425 Styrene	0 30YrCancerDerived	*	0
1463 ALL	486431.44	3675274.93	0.000025	100425 Styrene	0 30YrCancerDerived	*	0
1464 ALL	486452.28	3675274.93	0.0000267	100425 Styrene	0 30YrCancerDerived	*	0
1465 ALL	486473.12	3675274.93	0.0000283	100425 Styrene	0 30YrCancerDerived	*	0
1466 ALL	486493.96	3675274.93	0.0000296	100425 Styrene	0 30YrCancerDerived	*	0
1467 ALL	486514.8	3675274.93	0.0000306	100425 Styrene	0 30YrCancerDerived	*	0
1468 ALL	486535.64	3675274.93	0.0000319	100425 Styrene	0 30YrCancerDerived	*	0
1469 ALL	486556.48	3675274.93	0.0000337	100425 Styrene	0 30YrCancerDerived	*	0
1470 ALL	486306.4	3675294.81	0.0000195	100425 Styrene	0 30YrCancerDerived	*	0
1471 ALL	486327.24	3675294.81	0.0000201	100425 Styrene	0 30YrCancerDerived	*	0
1472 ALL	486348.08	3675294.81	0.0000209	100425 Styrene	0 30YrCancerDerived	*	0
1473 ALL	486368.92	3675294.81	0.0000217	100425 Styrene	0 30YrCancerDerived	*	0
1474 ALL	486389.76	3675294.81	0.0000222	100425 Styrene	0 30YrCancerDerived	*	0
1475 ALL	486410.6	3675294.81	0.0000228	100425 Styrene	0 30YrCancerDerived	*	0
1476 ALL	486431.44	3675294.81	0.0000237	100425 Styrene	0 30YrCancerDerived	*	0
1477 ALL	486452.28	3675294.81	0.0000251	100425 Styrene	0 30YrCancerDerived	*	0
1478 ALL	486473.12	3675294.81	0.0000264	100425 Styrene	0 30YrCancerDerived	*	0
1479 ALL	486493.96	3675294.81	0.0000273	100425 Styrene	0 30YrCancerDerived	*	0
1480 ALL	486514.8	3675294.81	0.0000284	100425 Styrene	0 30YrCancerDerived	*	0
1481 ALL	486535.64	3675294.81	0.0000295	100425 Styrene	0 30YrCancerDerived	*	0
1482 ALL	486556.48	3675294.81	0.000031	100425 Styrene	0 30YrCancerDerived	*	0
1483 ALL	486327.24	3675314.69	0.0000197	100425 Styrene	0 30YrCancerDerived	*	0
1484 ALL	486348.08	3675314.69	0.0000205	100425 Styrene	0 30YrCancerDerived	*	0
1485 ALL	486368.92	3675314.69	0.0000211	100425 Styrene	0 30YrCancerDerived	*	0
1486 ALL	486389.76	3675314.69	0.0000215	100425 Styrene	0 30YrCancerDerived	*	0
1487 ALL	486410.6	3675314.69	0.0000218	100425 Styrene	0 30YrCancerDerived	*	0
1488 ALL	486431.44	3675314.69	0.0000227	100425 Styrene	0 30YrCancerDerived	*	0
1489 ALL	486452.28	3675314.69	0.000024	100425 Styrene	0 30YrCancerDerived	*	0
1490 ALL	486473.12	3675314.69	0.0000252	100425 Styrene	0 30YrCancerDerived	*	0
1491 ALL	486493.96	3675314.69	0.0000262	100425 Styrene	0 30YrCancerDerived	*	0
1492 ALL	486514.8	3675314.69	0.0000272	100425 Styrene	0 30YrCancerDerived	*	0
1493 ALL	486535.64	3675314.69	0.0000285	100425 Styrene	0 30YrCancerDerived	*	0
1494 ALL	486556.48	3675314.69	0.0000299	100425 Styrene	0 30YrCancerDerived	*	0
1495 ALL	486348.08	3675334.57	0.00002	100425 Styrene	0 30YrCancerDerived	*	0

1496 ALL	486368.92	3675334.57	0.0000206	100425 Styrene	0 30YrCancerDerived	*	0
1497 ALL	486389.76	3675334.57	0.000021	100425 Styrene	0 30YrCancerDerived	*	0
1498 ALL	486410.6	3675334.57	0.0000214	100425 Styrene	0 30YrCancerDerived	*	0
1499 ALL	486431.44	3675334.57	0.0000222	100425 Styrene	0 30YrCancerDerived	*	0
1500 ALL	486452.28	3675334.57	0.0000233	100425 Styrene	0 30YrCancerDerived	*	0
1501 ALL	486473.12	3675334.57	0.0000241	100425 Styrene	0 30YrCancerDerived	*	0
1502 ALL	486493.96	3675334.57	0.0000252	100425 Styrene	0 30YrCancerDerived	*	0
1503 ALL	486514.8	3675334.57	0.0000264	100425 Styrene	0 30YrCancerDerived	*	0
1504 ALL	486535.64	3675334.57	0.0000279	100425 Styrene	0 30YrCancerDerived	*	0
1505 ALL	486368.92	3675354.45	0.0000204	100425 Styrene	0 30YrCancerDerived	*	0
1506 ALL	486389.76	3675354.45	0.0000209	100425 Styrene	0 30YrCancerDerived	*	0
1507 ALL	486410.6	3675354.45	0.0000216	100425 Styrene	0 30YrCancerDerived	*	0
1508 ALL	486431.44	3675354.45	0.0000222	100425 Styrene	0 30YrCancerDerived	*	0
1509 ALL	486452.28	3675354.45	0.0000229	100425 Styrene	0 30YrCancerDerived	*	0
1510 ALL	486473.12	3675354.45	0.0000237	100425 Styrene	0 30YrCancerDerived	*	0
1511 ALL	486493.96	3675354.45	0.0000248	100425 Styrene	0 30YrCancerDerived	*	0
1512 ALL	486514.8	3675354.45	0.0000263	100425 Styrene	0 30YrCancerDerived	*	0
1513 ALL	486431.44	3675374.33	0.0000223	100425 Styrene	0 30YrCancerDerived	*	0
1514 ALL	486452.28	3675374.33	0.0000229	100425 Styrene	0 30YrCancerDerived	*	0
1515 ALL	486473.12	3675374.33	0.0000238	100425 Styrene	0 30YrCancerDerived	*	0
1516 ALL	487872.39	3673252.61	0.000499931	100425 Styrene	0 30YrCancerDerived	*	0
1517 ALL	487892.39	3673252.61	0.00102988	100425 Styrene	0 30YrCancerDerived	*	0
1518 ALL	487912.39	3673252.61	0.001358557	100425 Styrene	0 30YrCancerDerived	*	0
1519 ALL	487932.39	3673252.61	0.001730718	100425 Styrene	0 30YrCancerDerived	*	0
1521 ALL	487852.39	3673272.61	0.000416061	100425 Styrene	0 30YrCancerDerived	*	0
1522 ALL	487872.39	3673272.61	0.000680184	100425 Styrene	0 30YrCancerDerived	*	0
1523 ALL	487892.39	3673272.61	0.001171565	100425 Styrene	0 30YrCancerDerived	*	0
1524 ALL	487912.39	3673272.61	0.001413809	100425 Styrene	0 30YrCancerDerived	*	0
1525 ALL	487932.39	3673272.61	0.001719203	100425 Styrene	0 30YrCancerDerived	*	0
1528 ALL	487832.39	3673292.61	0.00026732	100425 Styrene	0 30YrCancerDerived	*	0
1529 ALL	487852.39	3673292.61	0.000390025	100425 Styrene	0 30YrCancerDerived	*	0
1530 ALL	487872.39	3673292.61	0.000584985	100425 Styrene	0 30YrCancerDerived	*	0
1531 ALL	487892.39	3673292.61	0.000905831	100425 Styrene	0 30YrCancerDerived	*	0
1532 ALL	487912.39	3673292.61	0.001259406	100425 Styrene	0 30YrCancerDerived	*	0
1533 ALL	487932.39	3673292.61	0.001605379	100425 Styrene	0 30YrCancerDerived	*	0

1538 ALL	487812.39	3673312.61	0.000138465	100425 Styrene	0 30YrCancerDerived	*	0
1539 ALL	487832.39	3673312.61	0.000180135	100425 Styrene	0 30YrCancerDerived	*	0
1540 ALL	487852.39	3673312.61	0.000283324	100425 Styrene	0 30YrCancerDerived	*	0
1541 ALL	487872.39	3673312.61	0.00046843	100425 Styrene	0 30YrCancerDerived	*	0
1542 ALL	487892.39	3673312.61	0.000745469	100425 Styrene	0 30YrCancerDerived	*	0
1543 ALL	487912.39	3673312.61	0.00113069	100425 Styrene	0 30YrCancerDerived	*	0
1544 ALL	487932.39	3673312.61	0.001479725	100425 Styrene	0 30YrCancerDerived	*	0
1545 ALL	487952.39	3673312.61	0.00169612	100425 Styrene	0 30YrCancerDerived	*	0
1549 ALL	487792.39	3673332.61	0.0000771	100425 Styrene	0 30YrCancerDerived	*	0
1550 ALL	487812.39	3673332.61	0.0000904	100425 Styrene	0 30YrCancerDerived	*	0
1551 ALL	487832.39	3673332.61	0.000125962	100425 Styrene	0 30YrCancerDerived	*	0
1552 ALL	487852.39	3673332.61	0.000222838	100425 Styrene	0 30YrCancerDerived	*	0
1553 ALL	487872.39	3673332.61	0.000419654	100425 Styrene	0 30YrCancerDerived	*	0
1554 ALL	487892.39	3673332.61	0.000628532	100425 Styrene	0 30YrCancerDerived	*	0
1555 ALL	487912.39	3673332.61	0.000957585	100425 Styrene	0 30YrCancerDerived	*	0
1556 ALL	487932.39	3673332.61	0.001263479	100425 Styrene	0 30YrCancerDerived	*	0
1557 ALL	487952.39	3673332.61	0.001386213	100425 Styrene	0 30YrCancerDerived	*	0
1558 ALL	487972.39	3673332.61	0.001606531	100425 Styrene	0 30YrCancerDerived	*	0
1561 ALL	487772.39	3673352.61	0.0000604	100425 Styrene	0 30YrCancerDerived	*	0
1562 ALL	487792.39	3673352.61	0.0000628	100425 Styrene	0 30YrCancerDerived	*	0
1563 ALL	487812.39	3673352.61	0.0000755	100425 Styrene	0 30YrCancerDerived	*	0
1564 ALL	487832.39	3673352.61	0.000106361	100425 Styrene	0 30YrCancerDerived	*	0
1565 ALL	487852.39	3673352.61	0.000178256	100425 Styrene	0 30YrCancerDerived	*	0
1566 ALL	487872.39	3673352.61	0.000365479	100425 Styrene	0 30YrCancerDerived	*	0
1567 ALL	487892.39	3673352.61	0.000545197	100425 Styrene	0 30YrCancerDerived	*	0
1568 ALL	487912.39	3673352.61	0.000721459	100425 Styrene	0 30YrCancerDerived	*	0
1569 ALL	487932.39	3673352.61	0.00093884	100425 Styrene	0 30YrCancerDerived	*	0
1570 ALL	487952.39	3673352.61	0.00110196	100425 Styrene	0 30YrCancerDerived	*	0
1571 ALL	487972.39	3673352.61	0.00131483	100425 Styrene	0 30YrCancerDerived	*	0
1572 ALL	487992.39	3673352.61	0.001596432	100425 Styrene	0 30YrCancerDerived	*	0
1573 ALL	488012.39	3673352.61	0.001799108	100425 Styrene	0 30YrCancerDerived	*	0
1574 ALL	487724.34	3673332.79	0.000054	100425 Styrene	0 30YrCancerDerived	*	0
1575 ALL	487792.39	3673372.61	0.0000609	100425 Styrene	0 30YrCancerDerived	*	0
1576 ALL	487812.39	3673372.61	0.0000739	100425 Styrene	0 30YrCancerDerived	*	0
1577 ALL	487832.39	3673372.61	0.000101747	100425 Styrene	0 30YrCancerDerived	*	0

1578 ALL	487852.39	3673372.61	0.000155614	100425 Styrene	0 30YrCancerDerived	*	0
1579 ALL	487872.39	3673372.61	0.000294151	100425 Styrene	0 30YrCancerDerived	*	0
1580 ALL	487892.39	3673372.61	0.000477966	100425 Styrene	0 30YrCancerDerived	*	0
1581 ALL	487912.39	3673372.61	0.00058379	100425 Styrene	0 30YrCancerDerived	*	0
1582 ALL	487932.39	3673372.61	0.000754355	100425 Styrene	0 30YrCancerDerived	*	0
1583 ALL	487952.39	3673372.61	0.000905404	100425 Styrene	0 30YrCancerDerived	*	0
1584 ALL	487972.39	3673372.61	0.001065103	100425 Styrene	0 30YrCancerDerived	*	0
1585 ALL	487992.39	3673372.61	0.001154998	100425 Styrene	0 30YrCancerDerived	*	0
1586 ALL	487724.34	3673352.79	0.0000571	100425 Styrene	0 30YrCancerDerived	*	0
1587 ALL	487744.34	3673352.79	0.0000602	100425 Styrene	0 30YrCancerDerived	*	0
1588 ALL	487812.39	3673392.61	0.0000822	100425 Styrene	0 30YrCancerDerived	*	0
1589 ALL	487832.39	3673392.61	0.000102662	100425 Styrene	0 30YrCancerDerived	*	0
1590 ALL	487852.39	3673392.61	0.000154785	100425 Styrene	0 30YrCancerDerived	*	0
1591 ALL	487872.39	3673392.61	0.000270311	100425 Styrene	0 30YrCancerDerived	*	0
1592 ALL	487892.39	3673392.61	0.000456227	100425 Styrene	0 30YrCancerDerived	*	0
1593 ALL	487912.39	3673392.61	0.000604016	100425 Styrene	0 30YrCancerDerived	*	0
1594 ALL	487932.39	3673392.61	0.000742161	100425 Styrene	0 30YrCancerDerived	*	0
1595 ALL	487952.39	3673392.61	0.000829595	100425 Styrene	0 30YrCancerDerived	*	0
1596 ALL	487972.39	3673392.61	0.000871383	100425 Styrene	0 30YrCancerDerived	*	0
1597 ALL	487992.39	3673392.61	0.000759882	100425 Styrene	0 30YrCancerDerived	*	0
1598 ALL	487724.34	3673372.79	0.0000753	100425 Styrene	0 30YrCancerDerived	*	0
1599 ALL	487744.34	3673372.79	0.0000739	100425 Styrene	0 30YrCancerDerived	*	0
1600 ALL	487852.39	3673412.61	0.000174635	100425 Styrene	0 30YrCancerDerived	*	0
1601 ALL	487872.39	3673412.61	0.000313383	100425 Styrene	0 30YrCancerDerived	*	0
1602 ALL	487892.39	3673412.61	0.000610662	100425 Styrene	0 30YrCancerDerived	*	0
1603 ALL	487912.39	3673412.61	0.001234457	100425 Styrene	0 30YrCancerDerived	*	0
1604 ALL	487932.39	3673412.61	0.00100421	100425 Styrene	0 30YrCancerDerived	*	0
1605 ALL	487952.39	3673412.61	0.000867666	100425 Styrene	0 30YrCancerDerived	*	0
1606 ALL	487972.39	3673412.61	0.000774416	100425 Styrene	0 30YrCancerDerived	*	0
1607 ALL	487992.39	3673412.61	0.000660866	100425 Styrene	0 30YrCancerDerived	*	0
1608 ALL	487724.34	3673392.79	0.000105906	100425 Styrene	0 30YrCancerDerived	*	0
1609 ALL	487744.34	3673392.79	0.0000918	100425 Styrene	0 30YrCancerDerived	*	0
1610 ALL	487872.39	3673432.61	0.000567778	100425 Styrene	0 30YrCancerDerived	*	0
1611 ALL	487892.39	3673432.61	0.001322342	100425 Styrene	0 30YrCancerDerived	*	0
1612 ALL	487912.39	3673432.61	0.002437795	100425 Styrene	0 30YrCancerDerived	*	0

1613 ALL	487932.39	3673432.61	0.001603141	100425 Styrene	0 30YrCancerDerived	*	0
1614 ALL	487952.39	3673432.61	0.001190492	100425 Styrene	0 30YrCancerDerived	*	0
1615 ALL	487972.39	3673432.61	0.000956458	100425 Styrene	0 30YrCancerDerived	*	0
1616 ALL	487724.34	3673412.79	0.000127484	100425 Styrene	0 30YrCancerDerived	*	0
1617 ALL	487744.34	3673412.79	0.000112776	100425 Styrene	0 30YrCancerDerived	*	0
1618 ALL	487912.39	3673452.61	0.003319091	100425 Styrene	0 30YrCancerDerived	*	0
1619 ALL	487932.39	3673452.61	0.00302965	100425 Styrene	0 30YrCancerDerived	*	0
1620 ALL	487952.39	3673452.61	0.002538574	100425 Styrene	0 30YrCancerDerived	*	0
1621 ALL	487972.39	3673452.61	0.001480416	100425 Styrene	0 30YrCancerDerived	*	0
1622 ALL	487724.34	3673432.79	0.000169363	100425 Styrene	0 30YrCancerDerived	*	0
1623 ALL	487744.34	3673432.79	0.00013282	100425 Styrene	0 30YrCancerDerived	*	0
1624 ALL	487932.39	3673472.61	0.00397158	100425 Styrene	0 30YrCancerDerived	*	0
1625 ALL	487952.39	3673472.61	0.004204953	100425 Styrene	0 30YrCancerDerived	*	0
1626 ALL	487724.34	3673452.79	0.000243715	100425 Styrene	0 30YrCancerDerived	*	0
1627 ALL	487744.34	3673452.79	0.000167017	100425 Styrene	0 30YrCancerDerived	*	0
1628 ALL	487724.34	3673472.79	0.00038485	100425 Styrene	0 30YrCancerDerived	*	0
1629 ALL	487724.34	3673492.79	0.000727923	100425 Styrene	0 30YrCancerDerived	*	0
1630 ALL	487744.36	3673445.97	0.000152994	100425 Styrene	0 30YrCancerDerived	*	0
1631 ALL	487765.2	3673445.97	0.000142448	100425 Styrene	0 30YrCancerDerived	*	0
1632 ALL	487786.04	3673445.97	0.000164622	100425 Styrene	0 30YrCancerDerived	*	0
1633 ALL	487723.52	3673465.85	0.000336487	100425 Styrene	0 30YrCancerDerived	*	0
1634 ALL	487744.36	3673465.85	0.00022039	100425 Styrene	0 30YrCancerDerived	*	0
1635 ALL	487765.2	3673465.85	0.000215432	100425 Styrene	0 30YrCancerDerived	*	0
1636 ALL	487786.04	3673465.85	0.000295085	100425 Styrene	0 30YrCancerDerived	*	0
1637 ALL	487806.88	3673465.85	0.000437829	100425 Styrene	0 30YrCancerDerived	*	0
1638 ALL	487723.52	3673485.73	0.00056915	100425 Styrene	0 30YrCancerDerived	*	0
1639 ALL	487744.36	3673485.73	0.000381512	100425 Styrene	0 30YrCancerDerived	*	0
1640 ALL	487765.2	3673485.73	0.000358024	100425 Styrene	0 30YrCancerDerived	*	0
1641 ALL	487786.04	3673485.73	0.000499352	100425 Styrene	0 30YrCancerDerived	*	0
1642 ALL	487806.88	3673485.73	0.00082195	100425 Styrene	0 30YrCancerDerived	*	0
1643 ALL	487827.72	3673485.73	0.001378755	100425 Styrene	0 30YrCancerDerived	*	0
1644 ALL	487848.56	3673485.73	0.002088021	100425 Styrene	0 30YrCancerDerived	*	0
1645 ALL	487723.52	3673505.61	0.000940422	100425 Styrene	0 30YrCancerDerived	*	0
1646 ALL	487744.36	3673505.61	0.000823578	100425 Styrene	0 30YrCancerDerived	*	0
1647 ALL	487765.2	3673505.61	0.000624244	100425 Styrene	0 30YrCancerDerived	*	0

1648 ALL	487786.04	3673505.61	0.000796222	100425 Styrene	0 30YrCancerDerived	*	0
1649 ALL	487806.88	3673505.61	0.001168417	100425 Styrene	0 30YrCancerDerived	*	0
1650 ALL	487827.72	3673505.61	0.001627707	100425 Styrene	0 30YrCancerDerived	*	0
1651 ALL	487848.56	3673505.61	0.002319383	100425 Styrene	0 30YrCancerDerived	*	0
1652 ALL	487869.4	3673505.61	0.002809896	100425 Styrene	0 30YrCancerDerived	*	0
1653 ALL	487744.36	3673525.49	0.001031546	100425 Styrene	0 30YrCancerDerived	*	0
1654 ALL	487765.2	3673525.49	0.000877541	100425 Styrene	0 30YrCancerDerived	*	0
1655 ALL	487786.04	3673525.49	0.000841543	100425 Styrene	0 30YrCancerDerived	*	0
1656 ALL	487806.88	3673525.49	0.001106625	100425 Styrene	0 30YrCancerDerived	*	0
1657 ALL	487827.72	3673525.49	0.001429462	100425 Styrene	0 30YrCancerDerived	*	0
1658 ALL	487848.56	3673525.49	0.001867861	100425 Styrene	0 30YrCancerDerived	*	0
1659 ALL	487869.4	3673525.49	0.002584158	100425 Styrene	0 30YrCancerDerived	*	0
1660 ALL	487890.24	3673525.49	0.003296974	100425 Styrene	0 30YrCancerDerived	*	0
1661 ALL	487911.08	3673525.49	0.004009253	100425 Styrene	0 30YrCancerDerived	*	0
1662 ALL	487744.36	3673545.37	0.001029193	100425 Styrene	0 30YrCancerDerived	*	0
1663 ALL	487765.2	3673545.37	0.000938577	100425 Styrene	0 30YrCancerDerived	*	0
1664 ALL	487786.04	3673545.37	0.000677628	100425 Styrene	0 30YrCancerDerived	*	0
1665 ALL	487806.88	3673545.37	0.000714835	100425 Styrene	0 30YrCancerDerived	*	0
1666 ALL	487827.72	3673545.37	0.000800571	100425 Styrene	0 30YrCancerDerived	*	0
1667 ALL	487848.56	3673545.37	0.001077014	100425 Styrene	0 30YrCancerDerived	*	0
1668 ALL	487869.4	3673545.37	0.00175245	100425 Styrene	0 30YrCancerDerived	*	0
1669 ALL	487890.24	3673545.37	0.002908448	100425 Styrene	0 30YrCancerDerived	*	0
1670 ALL	487911.08	3673545.37	0.003897913	100425 Styrene	0 30YrCancerDerived	*	0
1671 ALL	487931.92	3673545.37	0.004709196	100425 Styrene	0 30YrCancerDerived	*	0
1672 ALL	487744.36	3673565.25	0.001095076	100425 Styrene	0 30YrCancerDerived	*	0
1673 ALL	487765.2	3673565.25	0.000981487	100425 Styrene	0 30YrCancerDerived	*	0
1674 ALL	487786.04	3673565.25	0.000601211	100425 Styrene	0 30YrCancerDerived	*	0
1675 ALL	487806.88	3673565.25	0.000432923	100425 Styrene	0 30YrCancerDerived	*	0
1676 ALL	487827.72	3673565.25	0.000358979	100425 Styrene	0 30YrCancerDerived	*	0
1677 ALL	487848.56	3673565.25	0.000411161	100425 Styrene	0 30YrCancerDerived	*	0
1678 ALL	487869.4	3673565.25	0.000780961	100425 Styrene	0 30YrCancerDerived	*	0
1679 ALL	487890.24	3673565.25	0.00192929	100425 Styrene	0 30YrCancerDerived	*	0
1680 ALL	487911.08	3673565.25	0.003327259	100425 Styrene	0 30YrCancerDerived	*	0
1681 ALL	487765.2	3673585.13	0.001066216	100425 Styrene	0 30YrCancerDerived	*	0
1682 ALL	487786.04	3673585.13	0.000527425	100425 Styrene	0 30YrCancerDerived	*	0

1683 ALL	487806.88	3673585.13	0.000330784	100425 Styrene	0 30YrCancerDerived	*	0
1684 ALL	487827.72	3673585.13	0.000259872	100425 Styrene	0 30YrCancerDerived	*	0
1685 ALL	487848.56	3673585.13	0.000298889	100425 Styrene	0 30YrCancerDerived	*	0
1686 ALL	487869.4	3673585.13	0.000530363	100425 Styrene	0 30YrCancerDerived	*	0
1687 ALL	487890.24	3673585.13	0.001366506	100425 Styrene	0 30YrCancerDerived	*	0
1688 ALL	487911.08	3673585.13	0.002486785	100425 Styrene	0 30YrCancerDerived	*	0
1689 ALL	487786.04	3673605.01	0.000561866	100425 Styrene	0 30YrCancerDerived	*	0
1690 ALL	487806.88	3673605.01	0.000298412	100425 Styrene	0 30YrCancerDerived	*	0
1691 ALL	487827.72	3673605.01	0.000279346	100425 Styrene	0 30YrCancerDerived	*	0
1692 ALL	487848.56	3673605.01	0.000330858	100425 Styrene	0 30YrCancerDerived	*	0
1693 ALL	487869.4	3673605.01	0.000690005	100425 Styrene	0 30YrCancerDerived	*	0
1694 ALL	487890.24	3673605.01	0.001433787	100425 Styrene	0 30YrCancerDerived	*	0
1 ALL	487640.16	3673346.57	0.00154549	108883 Toluene	0 30YrCancerDerived	*	0
2 ALL	487661	3673346.57	0.001629653	108883 Toluene	0 30YrCancerDerived	*	0
3 ALL	487681.84	3673346.57	0.001745489	108883 Toluene	0 30YrCancerDerived	*	0
4 ALL	487702.68	3673346.57	0.001887137	108883 Toluene	0 30YrCancerDerived	*	0
5 ALL	487723.52	3673346.57	0.002055276	108883 Toluene	0 30YrCancerDerived	*	0
6 ALL	487598.48	3673366.45	0.001352209	108883 Toluene	0 30YrCancerDerived	*	0
7 ALL	487619.32	3673366.45	0.001552535	108883 Toluene	0 30YrCancerDerived	*	0
8 ALL	487640.16	3673366.45	0.001973108	108883 Toluene	0 30YrCancerDerived	*	0
9 ALL	487661	3673366.45	0.002252142	108883 Toluene	0 30YrCancerDerived	*	0
10 ALL	487681.84	3673366.45	0.002395804	108883 Toluene	0 30YrCancerDerived	*	0
11 ALL	487702.68	3673366.45	0.002649417	108883 Toluene	0 30YrCancerDerived	*	0
12 ALL	487723.52	3673366.45	0.002625792	108883 Toluene	0 30YrCancerDerived	*	0
13 ALL	487577.64	3673386.33	0.001394176	108883 Toluene	0 30YrCancerDerived	*	0
14 ALL	487598.48	3673386.33	0.001505238	108883 Toluene	0 30YrCancerDerived	*	0
15 ALL	487619.32	3673386.33	0.001794752	108883 Toluene	0 30YrCancerDerived	*	0
16 ALL	487640.16	3673386.33	0.002458185	108883 Toluene	0 30YrCancerDerived	*	0
17 ALL	487661	3673386.33	0.003377787	108883 Toluene	0 30YrCancerDerived	*	0
18 ALL	487681.84	3673386.33	0.003948126	108883 Toluene	0 30YrCancerDerived	*	0
19 ALL	487702.68	3673386.33	0.004119992	108883 Toluene	0 30YrCancerDerived	*	0
20 ALL	487723.52	3673386.33	0.004024209	108883 Toluene	0 30YrCancerDerived	*	0
21 ALL	487473.44	3673406.21	0.001037306	108883 Toluene	0 30YrCancerDerived	*	0
22 ALL	487494.28	3673406.21	0.001110444	108883 Toluene	0 30YrCancerDerived	*	0
23 ALL	487515.12	3673406.21	0.001176474	108883 Toluene	0 30YrCancerDerived	*	0

24 ALL	487535.96	3673406.21	0.001254012	108883	Toluene	0	30YrCancerDerived	*	0
25 ALL	487556.8	3673406.21	0.00137494	108883	Toluene	0	30YrCancerDerived	*	0
26 ALL	487577.64	3673406.21	0.001598406	108883	Toluene	0	30YrCancerDerived	*	0
27 ALL	487598.48	3673406.21	0.001947973	108883	Toluene	0	30YrCancerDerived	*	0
28 ALL	487619.32	3673406.21	0.002621368	108883	Toluene	0	30YrCancerDerived	*	0
29 ALL	487640.16	3673406.21	0.003882162	108883	Toluene	0	30YrCancerDerived	*	0
30 ALL	487661	3673406.21	0.005239463	108883	Toluene	0	30YrCancerDerived	*	0
31 ALL	487681.84	3673406.21	0.005797597	108883	Toluene	0	30YrCancerDerived	*	0
32 ALL	487702.68	3673406.21	0.005519102	108883	Toluene	0	30YrCancerDerived	*	0
33 ALL	487723.52	3673406.21	0.004903222	108883	Toluene	0	30YrCancerDerived	*	0
34 ALL	487431.76	3673426.09	0.000969875	108883	Toluene	0	30YrCancerDerived	*	0
35 ALL	487452.6	3673426.09	0.00102119	108883	Toluene	0	30YrCancerDerived	*	0
36 ALL	487473.44	3673426.09	0.001077153	108883	Toluene	0	30YrCancerDerived	*	0
37 ALL	487494.28	3673426.09	0.001153944	108883	Toluene	0	30YrCancerDerived	*	0
38 ALL	487515.12	3673426.09	0.001248954	108883	Toluene	0	30YrCancerDerived	*	0
39 ALL	487535.96	3673426.09	0.001344619	108883	Toluene	0	30YrCancerDerived	*	0
40 ALL	487556.8	3673426.09	0.001490172	108883	Toluene	0	30YrCancerDerived	*	0
41 ALL	487577.64	3673426.09	0.001770628	108883	Toluene	0	30YrCancerDerived	*	0
42 ALL	487598.48	3673426.09	0.00243784	108883	Toluene	0	30YrCancerDerived	*	0
43 ALL	487619.32	3673426.09	0.003760369	108883	Toluene	0	30YrCancerDerived	*	0
44 ALL	487640.16	3673426.09	0.006166434	108883	Toluene	0	30YrCancerDerived	*	0
45 ALL	487661	3673426.09	0.008307854	108883	Toluene	0	30YrCancerDerived	*	0
46 ALL	487681.84	3673426.09	0.008859524	108883	Toluene	0	30YrCancerDerived	*	0
47 ALL	487702.68	3673426.09	0.007315502	108883	Toluene	0	30YrCancerDerived	*	0
48 ALL	487723.52	3673426.09	0.006352268	108883	Toluene	0	30YrCancerDerived	*	0
49 ALL	487410.92	3673445.97	0.000983033	108883	Toluene	0	30YrCancerDerived	*	0
50 ALL	487431.76	3673445.97	0.001030678	108883	Toluene	0	30YrCancerDerived	*	0
51 ALL	487452.6	3673445.97	0.001082339	108883	Toluene	0	30YrCancerDerived	*	0
52 ALL	487473.44	3673445.97	0.001133505	108883	Toluene	0	30YrCancerDerived	*	0
53 ALL	487494.28	3673445.97	0.001189163	108883	Toluene	0	30YrCancerDerived	*	0
54 ALL	487515.12	3673445.97	0.001257594	108883	Toluene	0	30YrCancerDerived	*	0
55 ALL	487535.96	3673445.97	0.001341104	108883	Toluene	0	30YrCancerDerived	*	0
56 ALL	487556.8	3673445.97	0.001494027	108883	Toluene	0	30YrCancerDerived	*	0
57 ALL	487577.64	3673445.97	0.001725249	108883	Toluene	0	30YrCancerDerived	*	0
58 ALL	487598.48	3673445.97	0.002422265	108883	Toluene	0	30YrCancerDerived	*	0

59 ALL	487619.32	3673445.97	0.003799609	108883 Toluene	0 30YrCancerDerived	*	0
60 ALL	487640.16	3673445.97	0.007382628	108883 Toluene	0 30YrCancerDerived	*	0
61 ALL	487661	3673445.97	0.01195221	108883 Toluene	0 30YrCancerDerived	*	0
62 ALL	487681.84	3673445.97	0.0146424	108883 Toluene	0 30YrCancerDerived	*	0
63 ALL	487702.68	3673445.97	0.01271781	108883 Toluene	0 30YrCancerDerived	*	0
64 ALL	487369.24	3673465.85	0.000925747	108883 Toluene	0 30YrCancerDerived	*	0
65 ALL	487390.08	3673465.85	0.000989955	108883 Toluene	0 30YrCancerDerived	*	0
66 ALL	487410.92	3673465.85	0.001045416	108883 Toluene	0 30YrCancerDerived	*	0
67 ALL	487431.76	3673465.85	0.001138362	108883 Toluene	0 30YrCancerDerived	*	0
68 ALL	487452.6	3673465.85	0.001196625	108883 Toluene	0 30YrCancerDerived	*	0
69 ALL	487473.44	3673465.85	0.001232581	108883 Toluene	0 30YrCancerDerived	*	0
70 ALL	487494.28	3673465.85	0.001263085	108883 Toluene	0 30YrCancerDerived	*	0
71 ALL	487515.12	3673465.85	0.001236598	108883 Toluene	0 30YrCancerDerived	*	0
72 ALL	487535.96	3673465.85	0.00131127	108883 Toluene	0 30YrCancerDerived	*	0
73 ALL	487556.8	3673465.85	0.001464607	108883 Toluene	0 30YrCancerDerived	*	0
74 ALL	487577.64	3673465.85	0.001762732	108883 Toluene	0 30YrCancerDerived	*	0
75 ALL	487598.48	3673465.85	0.002520913	108883 Toluene	0 30YrCancerDerived	*	0
76 ALL	487619.32	3673465.85	0.004007645	108883 Toluene	0 30YrCancerDerived	*	0
77 ALL	487640.16	3673465.85	0.007870466	108883 Toluene	0 30YrCancerDerived	*	0
78 ALL	487661	3673465.85	0.01422932	108883 Toluene	0 30YrCancerDerived	*	0
79 ALL	487681.84	3673465.85	0.0184846	108883 Toluene	0 30YrCancerDerived	*	0
80 ALL	487702.68	3673465.85	0.01944902	108883 Toluene	0 30YrCancerDerived	*	0
81 ALL	487348.4	3673485.73	0.000896287	108883 Toluene	0 30YrCancerDerived	*	0
82 ALL	487369.24	3673485.73	0.000964365	108883 Toluene	0 30YrCancerDerived	*	0
83 ALL	487390.08	3673485.73	0.00106278	108883 Toluene	0 30YrCancerDerived	*	0
84 ALL	487410.92	3673485.73	0.001190086	108883 Toluene	0 30YrCancerDerived	*	0
85 ALL	487431.76	3673485.73	0.00131145	108883 Toluene	0 30YrCancerDerived	*	0
86 ALL	487452.6	3673485.73	0.00139327	108883 Toluene	0 30YrCancerDerived	*	0
87 ALL	487473.44	3673485.73	0.001411196	108883 Toluene	0 30YrCancerDerived	*	0
88 ALL	487494.28	3673485.73	0.001350462	108883 Toluene	0 30YrCancerDerived	*	0
89 ALL	487515.12	3673485.73	0.001265868	108883 Toluene	0 30YrCancerDerived	*	0
90 ALL	487535.96	3673485.73	0.001334482	108883 Toluene	0 30YrCancerDerived	*	0
91 ALL	487556.8	3673485.73	0.001592721	108883 Toluene	0 30YrCancerDerived	*	0
92 ALL	487577.64	3673485.73	0.002172827	108883 Toluene	0 30YrCancerDerived	*	0
93 ALL	487598.48	3673485.73	0.003449165	108883 Toluene	0 30YrCancerDerived	*	0

94 ALL	487619.32	3673485.73	0.006133518	108883	Toluene	0	30YrCancerDerived	*	0
95 ALL	487640.16	3673485.73	0.01161384	108883	Toluene	0	30YrCancerDerived	*	0
96 ALL	487661	3673485.73	0.0166823	108883	Toluene	0	30YrCancerDerived	*	0
97 ALL	487681.84	3673485.73	0.02165889	108883	Toluene	0	30YrCancerDerived	*	0
98 ALL	487223.36	3673505.61	0.0006892	108883	Toluene	0	30YrCancerDerived	*	0
99 ALL	487244.2	3673505.61	0.00071451	108883	Toluene	0	30YrCancerDerived	*	0
100 ALL	487327.56	3673505.61	0.000891776	108883	Toluene	0	30YrCancerDerived	*	0
101 ALL	487348.4	3673505.61	0.000944098	108883	Toluene	0	30YrCancerDerived	*	0
102 ALL	487369.24	3673505.61	0.001022703	108883	Toluene	0	30YrCancerDerived	*	0
103 ALL	487390.08	3673505.61	0.001144644	108883	Toluene	0	30YrCancerDerived	*	0
104 ALL	487410.92	3673505.61	0.001306129	108883	Toluene	0	30YrCancerDerived	*	0
105 ALL	487431.76	3673505.61	0.001583533	108883	Toluene	0	30YrCancerDerived	*	0
106 ALL	487452.6	3673505.61	0.00166051	108883	Toluene	0	30YrCancerDerived	*	0
107 ALL	487473.44	3673505.61	0.001631828	108883	Toluene	0	30YrCancerDerived	*	0
108 ALL	487494.28	3673505.61	0.001496255	108883	Toluene	0	30YrCancerDerived	*	0
109 ALL	487515.12	3673505.61	0.001407354	108883	Toluene	0	30YrCancerDerived	*	0
110 ALL	487535.96	3673505.61	0.001409147	108883	Toluene	0	30YrCancerDerived	*	0
111 ALL	487556.8	3673505.61	0.001646045	108883	Toluene	0	30YrCancerDerived	*	0
112 ALL	487577.64	3673505.61	0.002595752	108883	Toluene	0	30YrCancerDerived	*	0
113 ALL	487598.48	3673505.61	0.006048263	108883	Toluene	0	30YrCancerDerived	*	0
114 ALL	487619.32	3673505.61	0.01265696	108883	Toluene	0	30YrCancerDerived	*	0
115 ALL	487640.16	3673505.61	0.01728164	108883	Toluene	0	30YrCancerDerived	*	0
116 ALL	487661	3673505.61	0.01598136	108883	Toluene	0	30YrCancerDerived	*	0
117 ALL	487681.84	3673505.61	0.01800857	108883	Toluene	0	30YrCancerDerived	*	0
118 ALL	487223.36	3673525.49	0.000696268	108883	Toluene	0	30YrCancerDerived	*	0
119 ALL	487244.2	3673525.49	0.000727574	108883	Toluene	0	30YrCancerDerived	*	0
120 ALL	487265.04	3673525.49	0.000781963	108883	Toluene	0	30YrCancerDerived	*	0
121 ALL	487306.72	3673525.49	0.000898031	108883	Toluene	0	30YrCancerDerived	*	0
122 ALL	487327.56	3673525.49	0.000943228	108883	Toluene	0	30YrCancerDerived	*	0
123 ALL	487348.4	3673525.49	0.001014458	108883	Toluene	0	30YrCancerDerived	*	0
124 ALL	487369.24	3673525.49	0.001126267	108883	Toluene	0	30YrCancerDerived	*	0
125 ALL	487390.08	3673525.49	0.001265098	108883	Toluene	0	30YrCancerDerived	*	0
126 ALL	487410.92	3673525.49	0.001438701	108883	Toluene	0	30YrCancerDerived	*	0
127 ALL	487431.76	3673525.49	0.001755492	108883	Toluene	0	30YrCancerDerived	*	0
128 ALL	487452.6	3673525.49	0.001816624	108883	Toluene	0	30YrCancerDerived	*	0

129 ALL	487473.44	3673525.49	0.001852288	108883 Toluene	0 30YrCancerDerived	*	0
130 ALL	487494.28	3673525.49	0.001824793	108883 Toluene	0 30YrCancerDerived	*	0
131 ALL	487515.12	3673525.49	0.001745356	108883 Toluene	0 30YrCancerDerived	*	0
132 ALL	487535.96	3673525.49	0.001730213	108883 Toluene	0 30YrCancerDerived	*	0
133 ALL	487556.8	3673525.49	0.001912199	108883 Toluene	0 30YrCancerDerived	*	0
134 ALL	487577.64	3673525.49	0.002877074	108883 Toluene	0 30YrCancerDerived	*	0
135 ALL	487598.48	3673525.49	0.00690194	108883 Toluene	0 30YrCancerDerived	*	0
136 ALL	487619.32	3673525.49	0.01624666	108883 Toluene	0 30YrCancerDerived	*	0
137 ALL	487640.16	3673525.49	0.00915923	108883 Toluene	0 30YrCancerDerived	*	0
138 ALL	487661	3673525.49	0.006240753	108883 Toluene	0 30YrCancerDerived	*	0
139 ALL	487202.52	3673545.37	0.000684317	108883 Toluene	0 30YrCancerDerived	*	0
140 ALL	487223.36	3673545.37	0.000705425	108883 Toluene	0 30YrCancerDerived	*	0
141 ALL	487244.2	3673545.37	0.000744788	108883 Toluene	0 30YrCancerDerived	*	0
142 ALL	487265.04	3673545.37	0.000803288	108883 Toluene	0 30YrCancerDerived	*	0
143 ALL	487285.88	3673545.37	0.000863768	108883 Toluene	0 30YrCancerDerived	*	0
144 ALL	487306.72	3673545.37	0.000918475	108883 Toluene	0 30YrCancerDerived	*	0
145 ALL	487327.56	3673545.37	0.000982151	108883 Toluene	0 30YrCancerDerived	*	0
146 ALL	487348.4	3673545.37	0.001048782	108883 Toluene	0 30YrCancerDerived	*	0
147 ALL	487369.24	3673545.37	0.001134732	108883 Toluene	0 30YrCancerDerived	*	0
148 ALL	487390.08	3673545.37	0.001255987	108883 Toluene	0 30YrCancerDerived	*	0
149 ALL	487410.92	3673545.37	0.001448275	108883 Toluene	0 30YrCancerDerived	*	0
150 ALL	487431.76	3673545.37	0.001542307	108883 Toluene	0 30YrCancerDerived	*	0
151 ALL	487452.6	3673545.37	0.001566892	108883 Toluene	0 30YrCancerDerived	*	0
152 ALL	487473.44	3673545.37	0.001680117	108883 Toluene	0 30YrCancerDerived	*	0
153 ALL	487494.28	3673545.37	0.002231265	108883 Toluene	0 30YrCancerDerived	*	0
154 ALL	487515.12	3673545.37	0.002479058	108883 Toluene	0 30YrCancerDerived	*	0
155 ALL	487535.96	3673545.37	0.002513343	108883 Toluene	0 30YrCancerDerived	*	0
156 ALL	487556.8	3673545.37	0.002528011	108883 Toluene	0 30YrCancerDerived	*	0
157 ALL	487577.64	3673545.37	0.003844558	108883 Toluene	0 30YrCancerDerived	*	0
158 ALL	487598.48	3673545.37	0.008034552	108883 Toluene	0 30YrCancerDerived	*	0
159 ALL	487619.32	3673545.37	0.006307665	108883 Toluene	0 30YrCancerDerived	*	0
160 ALL	487640.16	3673545.37	0.003408605	108883 Toluene	0 30YrCancerDerived	*	0
161 ALL	487661	3673545.37	0.002939359	108883 Toluene	0 30YrCancerDerived	*	0
162 ALL	487181.68	3673565.25	0.000682027	108883 Toluene	0 30YrCancerDerived	*	0
163 ALL	487202.52	3673565.25	0.000695942	108883 Toluene	0 30YrCancerDerived	*	0

164 ALL	487223.36	3673565.25	0.00072148	108883 Toluene	0 30YrCancerDerived	*	0
165 ALL	487244.2	3673565.25	0.000754685	108883 Toluene	0 30YrCancerDerived	*	0
166 ALL	487265.04	3673565.25	0.00079483	108883 Toluene	0 30YrCancerDerived	*	0
167 ALL	487285.88	3673565.25	0.000838641	108883 Toluene	0 30YrCancerDerived	*	0
168 ALL	487306.72	3673565.25	0.000876105	108883 Toluene	0 30YrCancerDerived	*	0
169 ALL	487327.56	3673565.25	0.000922713	108883 Toluene	0 30YrCancerDerived	*	0
170 ALL	487348.4	3673565.25	0.000983178	108883 Toluene	0 30YrCancerDerived	*	0
171 ALL	487369.24	3673565.25	0.001071671	108883 Toluene	0 30YrCancerDerived	*	0
172 ALL	487390.08	3673565.25	0.001188939	108883 Toluene	0 30YrCancerDerived	*	0
173 ALL	487410.92	3673565.25	0.001316111	108883 Toluene	0 30YrCancerDerived	*	0
174 ALL	487431.76	3673565.25	0.001283122	108883 Toluene	0 30YrCancerDerived	*	0
175 ALL	487452.6	3673565.25	0.001304691	108883 Toluene	0 30YrCancerDerived	*	0
176 ALL	487473.44	3673565.25	0.001427718	108883 Toluene	0 30YrCancerDerived	*	0
177 ALL	487494.28	3673565.25	0.001762723	108883 Toluene	0 30YrCancerDerived	*	0
178 ALL	487515.12	3673565.25	0.00253441	108883 Toluene	0 30YrCancerDerived	*	0
179 ALL	487535.96	3673565.25	0.003815703	108883 Toluene	0 30YrCancerDerived	*	0
180 ALL	487556.8	3673565.25	0.005469403	108883 Toluene	0 30YrCancerDerived	*	0
181 ALL	487577.64	3673565.25	0.007869655	108883 Toluene	0 30YrCancerDerived	*	0
182 ALL	487598.48	3673565.25	0.006326959	108883 Toluene	0 30YrCancerDerived	*	0
183 ALL	487619.32	3673565.25	0.003119077	108883 Toluene	0 30YrCancerDerived	*	0
184 ALL	487640.16	3673565.25	0.002242883	108883 Toluene	0 30YrCancerDerived	*	0
185 ALL	487098.32	3673585.13	0.000653471	108883 Toluene	0 30YrCancerDerived	*	0
186 ALL	487119.16	3673585.13	0.000664102	108883 Toluene	0 30YrCancerDerived	*	0
187 ALL	487140	3673585.13	0.000675315	108883 Toluene	0 30YrCancerDerived	*	0
188 ALL	487160.84	3673585.13	0.000688617	108883 Toluene	0 30YrCancerDerived	*	0
189 ALL	487181.68	3673585.13	0.000695071	108883 Toluene	0 30YrCancerDerived	*	0
190 ALL	487202.52	3673585.13	0.00069972	108883 Toluene	0 30YrCancerDerived	*	0
191 ALL	487223.36	3673585.13	0.000716038	108883 Toluene	0 30YrCancerDerived	*	0
192 ALL	487244.2	3673585.13	0.000740819	108883 Toluene	0 30YrCancerDerived	*	0
193 ALL	487265.04	3673585.13	0.000767443	108883 Toluene	0 30YrCancerDerived	*	0
194 ALL	487285.88	3673585.13	0.000798208	108883 Toluene	0 30YrCancerDerived	*	0
195 ALL	487306.72	3673585.13	0.000839391	108883 Toluene	0 30YrCancerDerived	*	0
196 ALL	487327.56	3673585.13	0.000879946	108883 Toluene	0 30YrCancerDerived	*	0
197 ALL	487348.4	3673585.13	0.000933292	108883 Toluene	0 30YrCancerDerived	*	0
198 ALL	487369.24	3673585.13	0.001012917	108883 Toluene	0 30YrCancerDerived	*	0

199 ALL	487390.08	3673585.13	0.001146411	108883 Toluene	0 30YrCancerDerived	*	0
200 ALL	487410.92	3673585.13	0.001214436	108883 Toluene	0 30YrCancerDerived	*	0
201 ALL	487431.76	3673585.13	0.001146103	108883 Toluene	0 30YrCancerDerived	*	0
202 ALL	487452.6	3673585.13	0.001177774	108883 Toluene	0 30YrCancerDerived	*	0
203 ALL	487473.44	3673585.13	0.001269265	108883 Toluene	0 30YrCancerDerived	*	0
204 ALL	487494.28	3673585.13	0.001406022	108883 Toluene	0 30YrCancerDerived	*	0
205 ALL	487515.12	3673585.13	0.001838757	108883 Toluene	0 30YrCancerDerived	*	0
206 ALL	487535.96	3673585.13	0.002581951	108883 Toluene	0 30YrCancerDerived	*	0
207 ALL	487556.8	3673585.13	0.003924416	108883 Toluene	0 30YrCancerDerived	*	0
208 ALL	487577.64	3673585.13	0.005017824	108883 Toluene	0 30YrCancerDerived	*	0
209 ALL	487598.48	3673585.13	0.003129251	108883 Toluene	0 30YrCancerDerived	*	0
210 ALL	487619.32	3673585.13	0.002084773	108883 Toluene	0 30YrCancerDerived	*	0
211 ALL	487098.32	3673605.01	0.000676322	108883 Toluene	0 30YrCancerDerived	*	0
212 ALL	487119.16	3673605.01	0.000687046	108883 Toluene	0 30YrCancerDerived	*	0
213 ALL	487140	3673605.01	0.000697778	108883 Toluene	0 30YrCancerDerived	*	0
214 ALL	487160.84	3673605.01	0.00070529	108883 Toluene	0 30YrCancerDerived	*	0
215 ALL	487181.68	3673605.01	0.000699667	108883 Toluene	0 30YrCancerDerived	*	0
216 ALL	487202.52	3673605.01	0.000697398	108883 Toluene	0 30YrCancerDerived	*	0
217 ALL	487223.36	3673605.01	0.000706734	108883 Toluene	0 30YrCancerDerived	*	0
218 ALL	487244.2	3673605.01	0.000730082	108883 Toluene	0 30YrCancerDerived	*	0
219 ALL	487265.04	3673605.01	0.000759464	108883 Toluene	0 30YrCancerDerived	*	0
220 ALL	487285.88	3673605.01	0.000786385	108883 Toluene	0 30YrCancerDerived	*	0
221 ALL	487306.72	3673605.01	0.000816278	108883 Toluene	0 30YrCancerDerived	*	0
222 ALL	487327.56	3673605.01	0.000848641	108883 Toluene	0 30YrCancerDerived	*	0
223 ALL	487348.4	3673605.01	0.0009049	108883 Toluene	0 30YrCancerDerived	*	0
224 ALL	487369.24	3673605.01	0.00097936	108883 Toluene	0 30YrCancerDerived	*	0
225 ALL	487390.08	3673605.01	0.001106475	108883 Toluene	0 30YrCancerDerived	*	0
226 ALL	487410.92	3673605.01	0.00115354	108883 Toluene	0 30YrCancerDerived	*	0
227 ALL	487431.76	3673605.01	0.001074904	108883 Toluene	0 30YrCancerDerived	*	0
228 ALL	487452.6	3673605.01	0.001099795	108883 Toluene	0 30YrCancerDerived	*	0
229 ALL	487473.44	3673605.01	0.001183383	108883 Toluene	0 30YrCancerDerived	*	0
230 ALL	487494.28	3673605.01	0.00130139	108883 Toluene	0 30YrCancerDerived	*	0
231 ALL	487515.12	3673605.01	0.001533566	108883 Toluene	0 30YrCancerDerived	*	0
232 ALL	487535.96	3673605.01	0.002130144	108883 Toluene	0 30YrCancerDerived	*	0
233 ALL	487556.8	3673605.01	0.003096011	108883 Toluene	0 30YrCancerDerived	*	0

234 ALL	487577.64	3673605.01	0.002888271	108883 Toluene	0 30YrCancerDerived	*	0
235 ALL	487598.48	3673605.01	0.00200054	108883 Toluene	0 30YrCancerDerived	*	0
236 ALL	487119.16	3673624.89	0.000719411	108883 Toluene	0 30YrCancerDerived	*	0
237 ALL	487140	3673624.89	0.000715082	108883 Toluene	0 30YrCancerDerived	*	0
238 ALL	487160.84	3673624.89	0.000713484	108883 Toluene	0 30YrCancerDerived	*	0
239 ALL	487181.68	3673624.89	0.000708221	108883 Toluene	0 30YrCancerDerived	*	0
240 ALL	487202.52	3673624.89	0.000703439	108883 Toluene	0 30YrCancerDerived	*	0
241 ALL	487223.36	3673624.89	0.000705985	108883 Toluene	0 30YrCancerDerived	*	0
242 ALL	487244.2	3673624.89	0.000724589	108883 Toluene	0 30YrCancerDerived	*	0
243 ALL	487265.04	3673624.89	0.000756476	108883 Toluene	0 30YrCancerDerived	*	0
244 ALL	487285.88	3673624.89	0.000783654	108883 Toluene	0 30YrCancerDerived	*	0
245 ALL	487306.72	3673624.89	0.000811725	108883 Toluene	0 30YrCancerDerived	*	0
246 ALL	487327.56	3673624.89	0.000846803	108883 Toluene	0 30YrCancerDerived	*	0
247 ALL	487348.4	3673624.89	0.000901261	108883 Toluene	0 30YrCancerDerived	*	0
248 ALL	487369.24	3673624.89	0.000974065	108883 Toluene	0 30YrCancerDerived	*	0
249 ALL	487390.08	3673624.89	0.001088574	108883 Toluene	0 30YrCancerDerived	*	0
250 ALL	487410.92	3673624.89	0.001133879	108883 Toluene	0 30YrCancerDerived	*	0
251 ALL	487431.76	3673624.89	0.001042574	108883 Toluene	0 30YrCancerDerived	*	0
252 ALL	487452.6	3673624.89	0.0010566	108883 Toluene	0 30YrCancerDerived	*	0
253 ALL	487473.44	3673624.89	0.001127261	108883 Toluene	0 30YrCancerDerived	*	0
254 ALL	487494.28	3673624.89	0.001247338	108883 Toluene	0 30YrCancerDerived	*	0
255 ALL	487515.12	3673624.89	0.001461528	108883 Toluene	0 30YrCancerDerived	*	0
256 ALL	487535.96	3673624.89	0.001928697	108883 Toluene	0 30YrCancerDerived	*	0
257 ALL	487556.8	3673624.89	0.002177869	108883 Toluene	0 30YrCancerDerived	*	0
258 ALL	487577.64	3673624.89	0.001804875	108883 Toluene	0 30YrCancerDerived	*	0
259 ALL	487119.16	3673644.77	0.000716668	108883 Toluene	0 30YrCancerDerived	*	0
260 ALL	487140	3673644.77	0.000707504	108883 Toluene	0 30YrCancerDerived	*	0
261 ALL	487160.84	3673644.77	0.00071021	108883 Toluene	0 30YrCancerDerived	*	0
262 ALL	487181.68	3673644.77	0.000713549	108883 Toluene	0 30YrCancerDerived	*	0
263 ALL	487202.52	3673644.77	0.000713009	108883 Toluene	0 30YrCancerDerived	*	0
264 ALL	487223.36	3673644.77	0.000714663	108883 Toluene	0 30YrCancerDerived	*	0
265 ALL	487244.2	3673644.77	0.000728629	108883 Toluene	0 30YrCancerDerived	*	0
266 ALL	487265.04	3673644.77	0.000757253	108883 Toluene	0 30YrCancerDerived	*	0
267 ALL	487285.88	3673644.77	0.000786634	108883 Toluene	0 30YrCancerDerived	*	0
268 ALL	487306.72	3673644.77	0.000816704	108883 Toluene	0 30YrCancerDerived	*	0

269 ALL	487327.56	3673644.77	0.000850274	108883	Toluene	0	30YrCancerDerived	*	0
270 ALL	487348.4	3673644.77	0.000895171	108883	Toluene	0	30YrCancerDerived	*	0
271 ALL	487369.24	3673644.77	0.000953087	108883	Toluene	0	30YrCancerDerived	*	0
272 ALL	487390.08	3673644.77	0.001052512	108883	Toluene	0	30YrCancerDerived	*	0
273 ALL	487410.92	3673644.77	0.001121586	108883	Toluene	0	30YrCancerDerived	*	0
274 ALL	487431.76	3673644.77	0.001048703	108883	Toluene	0	30YrCancerDerived	*	0
275 ALL	487452.6	3673644.77	0.001030132	108883	Toluene	0	30YrCancerDerived	*	0
276 ALL	487473.44	3673644.77	0.001083473	108883	Toluene	0	30YrCancerDerived	*	0
277 ALL	487494.28	3673644.77	0.001222728	108883	Toluene	0	30YrCancerDerived	*	0
278 ALL	487515.12	3673644.77	0.001448389	108883	Toluene	0	30YrCancerDerived	*	0
279 ALL	487535.96	3673644.77	0.001709676	108883	Toluene	0	30YrCancerDerived	*	0
280 ALL	487556.8	3673644.77	0.001642225	108883	Toluene	0	30YrCancerDerived	*	0
281 ALL	487160.84	3673664.65	0.000700088	108883	Toluene	0	30YrCancerDerived	*	0
282 ALL	487181.68	3673664.65	0.000707572	108883	Toluene	0	30YrCancerDerived	*	0
283 ALL	487202.52	3673664.65	0.000711569	108883	Toluene	0	30YrCancerDerived	*	0
284 ALL	487223.36	3673664.65	0.000718803	108883	Toluene	0	30YrCancerDerived	*	0
285 ALL	487244.2	3673664.65	0.000733281	108883	Toluene	0	30YrCancerDerived	*	0
286 ALL	487327.56	3673664.65	0.000865873	108883	Toluene	0	30YrCancerDerived	*	0
287 ALL	487348.4	3673664.65	0.000910896	108883	Toluene	0	30YrCancerDerived	*	0
288 ALL	487369.24	3673664.65	0.000954677	108883	Toluene	0	30YrCancerDerived	*	0
289 ALL	487390.08	3673664.65	0.001043742	108883	Toluene	0	30YrCancerDerived	*	0
290 ALL	487410.92	3673664.65	0.001123033	108883	Toluene	0	30YrCancerDerived	*	0
291 ALL	487431.76	3673664.65	0.001055853	108883	Toluene	0	30YrCancerDerived	*	0
292 ALL	487452.6	3673664.65	0.001024144	108883	Toluene	0	30YrCancerDerived	*	0
293 ALL	487473.44	3673664.65	0.001072277	108883	Toluene	0	30YrCancerDerived	*	0
294 ALL	487494.28	3673664.65	0.001238969	108883	Toluene	0	30YrCancerDerived	*	0
295 ALL	487515.12	3673664.65	0.001426825	108883	Toluene	0	30YrCancerDerived	*	0
296 ALL	487535.96	3673664.65	0.001464338	108883	Toluene	0	30YrCancerDerived	*	0
297 ALL	487348.4	3673684.53	0.000937414	108883	Toluene	0	30YrCancerDerived	*	0
298 ALL	487369.24	3673684.53	0.000982702	108883	Toluene	0	30YrCancerDerived	*	0
299 ALL	487390.08	3673684.53	0.001062212	108883	Toluene	0	30YrCancerDerived	*	0
300 ALL	487410.92	3673684.53	0.001094804	108883	Toluene	0	30YrCancerDerived	*	0
301 ALL	487431.76	3673684.53	0.001053018	108883	Toluene	0	30YrCancerDerived	*	0
302 ALL	487452.6	3673684.53	0.001034345	108883	Toluene	0	30YrCancerDerived	*	0
303 ALL	487473.44	3673684.53	0.00111264	108883	Toluene	0	30YrCancerDerived	*	0

304 ALL	487494.28	3673684.53	0.001276071	108883 Toluene	0 30YrCancerDerived	*	0
305 ALL	487515.12	3673684.53	0.001343902	108883 Toluene	0 30YrCancerDerived	*	0
306 ALL	487390.08	3673704.41	0.001046275	108883 Toluene	0 30YrCancerDerived	*	0
307 ALL	487410.92	3673704.41	0.001055217	108883 Toluene	0 30YrCancerDerived	*	0
308 ALL	487431.76	3673704.41	0.001029367	108883 Toluene	0 30YrCancerDerived	*	0
309 ALL	487452.6	3673704.41	0.001047323	108883 Toluene	0 30YrCancerDerived	*	0
310 ALL	487473.44	3673704.41	0.001149995	108883 Toluene	0 30YrCancerDerived	*	0
311 ALL	487494.28	3673704.41	0.001246293	108883 Toluene	0 30YrCancerDerived	*	0
312 ALL	487390.08	3673724.29	0.001020335	108883 Toluene	0 30YrCancerDerived	*	0
313 ALL	487410.92	3673724.29	0.001031486	108883 Toluene	0 30YrCancerDerived	*	0
314 ALL	487431.76	3673724.29	0.001027685	108883 Toluene	0 30YrCancerDerived	*	0
315 ALL	487452.6	3673724.29	0.001063542	108883 Toluene	0 30YrCancerDerived	*	0
316 ALL	487473.44	3673724.29	0.001155537	108883 Toluene	0 30YrCancerDerived	*	0
317 ALL	487410.92	3673744.17	0.001023706	108883 Toluene	0 30YrCancerDerived	*	0
318 ALL	487431.76	3673744.17	0.001037467	108883 Toluene	0 30YrCancerDerived	*	0
319 ALL	487452.6	3673744.17	0.001078871	108883 Toluene	0 30YrCancerDerived	*	0
320 ALL	487473.44	3673744.17	0.001131733	108883 Toluene	0 30YrCancerDerived	*	0
321 ALL	487410.92	3673764.05	0.001021174	108883 Toluene	0 30YrCancerDerived	*	0
322 ALL	487431.76	3673764.05	0.001038333	108883 Toluene	0 30YrCancerDerived	*	0
323 ALL	487452.6	3673764.05	0.001086343	108883 Toluene	0 30YrCancerDerived	*	0
324 ALL	487431.76	3673783.93	0.001037518	108883 Toluene	0 30YrCancerDerived	*	0
325 ALL	487452.6	3673783.93	0.001082147	108883 Toluene	0 30YrCancerDerived	*	0
326 ALL	487014.96	3674221.29	0.000814565	108883 Toluene	0 30YrCancerDerived	*	0
327 ALL	487035.8	3674221.29	0.000824166	108883 Toluene	0 30YrCancerDerived	*	0
328 ALL	487056.64	3674221.29	0.000837719	108883 Toluene	0 30YrCancerDerived	*	0
329 ALL	487077.48	3674221.29	0.000850416	108883 Toluene	0 30YrCancerDerived	*	0
330 ALL	487098.32	3674221.29	0.000863826	108883 Toluene	0 30YrCancerDerived	*	0
331 ALL	487119.16	3674221.29	0.000884268	108883 Toluene	0 30YrCancerDerived	*	0
332 ALL	487140	3674221.29	0.000913466	108883 Toluene	0 30YrCancerDerived	*	0
333 ALL	487160.84	3674221.29	0.000943269	108883 Toluene	0 30YrCancerDerived	*	0
334 ALL	487181.68	3674221.29	0.000975185	108883 Toluene	0 30YrCancerDerived	*	0
335 ALL	486973.28	3674241.17	0.000799797	108883 Toluene	0 30YrCancerDerived	*	0
336 ALL	486994.12	3674241.17	0.000796236	108883 Toluene	0 30YrCancerDerived	*	0
337 ALL	487014.96	3674241.17	0.000810112	108883 Toluene	0 30YrCancerDerived	*	0
338 ALL	487035.8	3674241.17	0.000828503	108883 Toluene	0 30YrCancerDerived	*	0

339 ALL	487056.64	3674241.17	0.000845151	108883	Toluene	0	30YrCancerDerived	*	0
340 ALL	487077.48	3674241.17	0.000856341	108883	Toluene	0	30YrCancerDerived	*	0
341 ALL	487098.32	3674241.17	0.000872882	108883	Toluene	0	30YrCancerDerived	*	0
342 ALL	487119.16	3674241.17	0.000898441	108883	Toluene	0	30YrCancerDerived	*	0
343 ALL	487140	3674241.17	0.000933643	108883	Toluene	0	30YrCancerDerived	*	0
344 ALL	487160.84	3674241.17	0.000969094	108883	Toluene	0	30YrCancerDerived	*	0
345 ALL	487181.68	3674241.17	0.001011848	108883	Toluene	0	30YrCancerDerived	*	0
346 ALL	486952.44	3674261.05	0.000798304	108883	Toluene	0	30YrCancerDerived	*	0
347 ALL	486973.28	3674261.05	0.000787983	108883	Toluene	0	30YrCancerDerived	*	0
348 ALL	486994.12	3674261.05	0.000791662	108883	Toluene	0	30YrCancerDerived	*	0
349 ALL	487014.96	3674261.05	0.000808591	108883	Toluene	0	30YrCancerDerived	*	0
350 ALL	487035.8	3674261.05	0.000828032	108883	Toluene	0	30YrCancerDerived	*	0
351 ALL	487056.64	3674261.05	0.000844012	108883	Toluene	0	30YrCancerDerived	*	0
352 ALL	487077.48	3674261.05	0.000858963	108883	Toluene	0	30YrCancerDerived	*	0
353 ALL	487098.32	3674261.05	0.000879967	108883	Toluene	0	30YrCancerDerived	*	0
354 ALL	487119.16	3674261.05	0.000909973	108883	Toluene	0	30YrCancerDerived	*	0
355 ALL	487140	3674261.05	0.000946325	108883	Toluene	0	30YrCancerDerived	*	0
356 ALL	487160.84	3674261.05	0.00098566	108883	Toluene	0	30YrCancerDerived	*	0
357 ALL	487181.68	3674261.05	0.001039325	108883	Toluene	0	30YrCancerDerived	*	0
358 ALL	486931.6	3674280.93	0.000817071	108883	Toluene	0	30YrCancerDerived	*	0
359 ALL	486952.44	3674280.93	0.00079134	108883	Toluene	0	30YrCancerDerived	*	0
360 ALL	486973.28	3674280.93	0.000783602	108883	Toluene	0	30YrCancerDerived	*	0
361 ALL	486994.12	3674280.93	0.00079261	108883	Toluene	0	30YrCancerDerived	*	0
362 ALL	487014.96	3674280.93	0.000810478	108883	Toluene	0	30YrCancerDerived	*	0
363 ALL	487035.8	3674280.93	0.000829853	108883	Toluene	0	30YrCancerDerived	*	0
364 ALL	487056.64	3674280.93	0.000844632	108883	Toluene	0	30YrCancerDerived	*	0
365 ALL	487077.48	3674280.93	0.000860011	108883	Toluene	0	30YrCancerDerived	*	0
366 ALL	487098.32	3674280.93	0.000893634	108883	Toluene	0	30YrCancerDerived	*	0
367 ALL	487119.16	3674280.93	0.000929915	108883	Toluene	0	30YrCancerDerived	*	0
368 ALL	487140	3674280.93	0.000961699	108883	Toluene	0	30YrCancerDerived	*	0
369 ALL	487160.84	3674280.93	0.001002756	108883	Toluene	0	30YrCancerDerived	*	0
370 ALL	487181.68	3674280.93	0.001069057	108883	Toluene	0	30YrCancerDerived	*	0
371 ALL	486889.92	3674300.81	0.0009417	108883	Toluene	0	30YrCancerDerived	*	0
372 ALL	486910.76	3674300.81	0.000865189	108883	Toluene	0	30YrCancerDerived	*	0
373 ALL	486931.6	3674300.81	0.000806496	108883	Toluene	0	30YrCancerDerived	*	0

374 ALL	486952.44	3674300.81	0.000792061	108883 Toluene	0 30YrCancerDerived	*	0
375 ALL	486973.28	3674300.81	0.000788608	108883 Toluene	0 30YrCancerDerived	*	0
376 ALL	486994.12	3674300.81	0.000799996	108883 Toluene	0 30YrCancerDerived	*	0
377 ALL	487014.96	3674300.81	0.000816996	108883 Toluene	0 30YrCancerDerived	*	0
378 ALL	487035.8	3674300.81	0.000833943	108883 Toluene	0 30YrCancerDerived	*	0
379 ALL	487056.64	3674300.81	0.000848622	108883 Toluene	0 30YrCancerDerived	*	0
380 ALL	487077.48	3674300.81	0.000869992	108883 Toluene	0 30YrCancerDerived	*	0
381 ALL	487098.32	3674300.81	0.000914414	108883 Toluene	0 30YrCancerDerived	*	0
382 ALL	487119.16	3674300.81	0.000955212	108883 Toluene	0 30YrCancerDerived	*	0
383 ALL	487140	3674300.81	0.00098859	108883 Toluene	0 30YrCancerDerived	*	0
384 ALL	487160.84	3674300.81	0.001031462	108883 Toluene	0 30YrCancerDerived	*	0
385 ALL	487181.68	3674300.81	0.001103303	108883 Toluene	0 30YrCancerDerived	*	0
386 ALL	486869.08	3674320.69	0.001082837	108883 Toluene	0 30YrCancerDerived	*	0
387 ALL	486889.92	3674320.69	0.000959366	108883 Toluene	0 30YrCancerDerived	*	0
388 ALL	486910.76	3674320.69	0.000867644	108883 Toluene	0 30YrCancerDerived	*	0
389 ALL	486931.6	3674320.69	0.000809834	108883 Toluene	0 30YrCancerDerived	*	0
390 ALL	486952.44	3674320.69	0.000799643	108883 Toluene	0 30YrCancerDerived	*	0
391 ALL	486973.28	3674320.69	0.000800083	108883 Toluene	0 30YrCancerDerived	*	0
392 ALL	486994.12	3674320.69	0.000810961	108883 Toluene	0 30YrCancerDerived	*	0
393 ALL	487014.96	3674320.69	0.000832512	108883 Toluene	0 30YrCancerDerived	*	0
394 ALL	487035.8	3674320.69	0.000850353	108883 Toluene	0 30YrCancerDerived	*	0
395 ALL	487056.64	3674320.69	0.00086212	108883 Toluene	0 30YrCancerDerived	*	0
396 ALL	487077.48	3674320.69	0.000891567	108883 Toluene	0 30YrCancerDerived	*	0
397 ALL	487098.32	3674320.69	0.000936433	108883 Toluene	0 30YrCancerDerived	*	0
398 ALL	487119.16	3674320.69	0.000977484	108883 Toluene	0 30YrCancerDerived	*	0
399 ALL	487140	3674320.69	0.001021582	108883 Toluene	0 30YrCancerDerived	*	0
400 ALL	487160.84	3674320.69	0.001068795	108883 Toluene	0 30YrCancerDerived	*	0
401 ALL	487181.68	3674320.69	0.001136462	108883 Toluene	0 30YrCancerDerived	*	0
402 ALL	486848.24	3674340.57	0.001402405	108883 Toluene	0 30YrCancerDerived	*	0
403 ALL	486869.08	3674340.57	0.001156453	108883 Toluene	0 30YrCancerDerived	*	0
404 ALL	486889.92	3674340.57	0.001000975	108883 Toluene	0 30YrCancerDerived	*	0
405 ALL	486910.76	3674340.57	0.000895188	108883 Toluene	0 30YrCancerDerived	*	0
406 ALL	486931.6	3674340.57	0.00082683	108883 Toluene	0 30YrCancerDerived	*	0
407 ALL	486952.44	3674340.57	0.000814268	108883 Toluene	0 30YrCancerDerived	*	0
408 ALL	486973.28	3674340.57	0.000820789	108883 Toluene	0 30YrCancerDerived	*	0

409 ALL	486994.12	3674340.57	0.000838431	108883 Toluene	0 30YrCancerDerived	*	0
410 ALL	487014.96	3674340.57	0.000859259	108883 Toluene	0 30YrCancerDerived	*	0
411 ALL	487035.8	3674340.57	0.000870252	108883 Toluene	0 30YrCancerDerived	*	0
412 ALL	487056.64	3674340.57	0.000883903	108883 Toluene	0 30YrCancerDerived	*	0
413 ALL	487077.48	3674340.57	0.000913261	108883 Toluene	0 30YrCancerDerived	*	0
414 ALL	487098.32	3674340.57	0.000956716	108883 Toluene	0 30YrCancerDerived	*	0
415 ALL	487119.16	3674340.57	0.000997237	108883 Toluene	0 30YrCancerDerived	*	0
416 ALL	487140	3674340.57	0.001048223	108883 Toluene	0 30YrCancerDerived	*	0
417 ALL	487160.84	3674340.57	0.001110889	108883 Toluene	0 30YrCancerDerived	*	0
418 ALL	487181.68	3674340.57	0.001188454	108883 Toluene	0 30YrCancerDerived	*	0
419 ALL	486806.56	3674360.45	0.00201167	108883 Toluene	0 30YrCancerDerived	*	0
420 ALL	486827.4	3674360.45	0.001677201	108883 Toluene	0 30YrCancerDerived	*	0
421 ALL	486848.24	3674360.45	0.001422464	108883 Toluene	0 30YrCancerDerived	*	0
422 ALL	486869.08	3674360.45	0.001221069	108883 Toluene	0 30YrCancerDerived	*	0
423 ALL	486889.92	3674360.45	0.001060586	108883 Toluene	0 30YrCancerDerived	*	0
424 ALL	486910.76	3674360.45	0.000944081	108883 Toluene	0 30YrCancerDerived	*	0
425 ALL	486931.6	3674360.45	0.000872323	108883 Toluene	0 30YrCancerDerived	*	0
426 ALL	486952.44	3674360.45	0.000845262	108883 Toluene	0 30YrCancerDerived	*	0
427 ALL	486973.28	3674360.45	0.000852696	108883 Toluene	0 30YrCancerDerived	*	0
428 ALL	486994.12	3674360.45	0.000870229	108883 Toluene	0 30YrCancerDerived	*	0
429 ALL	487014.96	3674360.45	0.000883851	108883 Toluene	0 30YrCancerDerived	*	0
430 ALL	487035.8	3674360.45	0.000891664	108883 Toluene	0 30YrCancerDerived	*	0
431 ALL	487056.64	3674360.45	0.000906166	108883 Toluene	0 30YrCancerDerived	*	0
432 ALL	487077.48	3674360.45	0.000935921	108883 Toluene	0 30YrCancerDerived	*	0
433 ALL	487098.32	3674360.45	0.000974909	108883 Toluene	0 30YrCancerDerived	*	0
434 ALL	487119.16	3674360.45	0.001014451	108883 Toluene	0 30YrCancerDerived	*	0
435 ALL	487140	3674360.45	0.001062767	108883 Toluene	0 30YrCancerDerived	*	0
436 ALL	487160.84	3674360.45	0.001139655	108883 Toluene	0 30YrCancerDerived	*	0
437 ALL	487181.68	3674360.45	0.001235487	108883 Toluene	0 30YrCancerDerived	*	0
438 ALL	486785.72	3674380.33	0.001747262	108883 Toluene	0 30YrCancerDerived	*	0
439 ALL	486806.56	3674380.33	0.001724854	108883 Toluene	0 30YrCancerDerived	*	0
440 ALL	486827.4	3674380.33	0.001551721	108883 Toluene	0 30YrCancerDerived	*	0
441 ALL	486848.24	3674380.33	0.001392594	108883 Toluene	0 30YrCancerDerived	*	0
442 ALL	486869.08	3674380.33	0.001257557	108883 Toluene	0 30YrCancerDerived	*	0
443 ALL	486889.92	3674380.33	0.001123927	108883 Toluene	0 30YrCancerDerived	*	0

444 ALL	486910.76	3674380.33	0.000998594	108883 Toluene	0 30YrCancerDerived	*	0
445 ALL	486931.6	3674380.33	0.000937754	108883 Toluene	0 30YrCancerDerived	*	0
446 ALL	486952.44	3674380.33	0.000900417	108883 Toluene	0 30YrCancerDerived	*	0
447 ALL	486973.28	3674380.33	0.00089277	108883 Toluene	0 30YrCancerDerived	*	0
448 ALL	486994.12	3674380.33	0.000902603	108883 Toluene	0 30YrCancerDerived	*	0
449 ALL	487014.96	3674380.33	0.000906394	108883 Toluene	0 30YrCancerDerived	*	0
450 ALL	487035.8	3674380.33	0.000911375	108883 Toluene	0 30YrCancerDerived	*	0
451 ALL	487056.64	3674380.33	0.000931154	108883 Toluene	0 30YrCancerDerived	*	0
452 ALL	487077.48	3674380.33	0.00096168	108883 Toluene	0 30YrCancerDerived	*	0
453 ALL	487098.32	3674380.33	0.000996443	108883 Toluene	0 30YrCancerDerived	*	0
454 ALL	487119.16	3674380.33	0.001036132	108883 Toluene	0 30YrCancerDerived	*	0
455 ALL	487140	3674380.33	0.001082685	108883 Toluene	0 30YrCancerDerived	*	0
456 ALL	487160.84	3674380.33	0.001149121	108883 Toluene	0 30YrCancerDerived	*	0
457 ALL	487181.68	3674380.33	0.001246558	108883 Toluene	0 30YrCancerDerived	*	0
458 ALL	486702.36	3674400.21	0.000926114	108883 Toluene	0 30YrCancerDerived	*	0
459 ALL	486723.2	3674400.21	0.001022296	108883 Toluene	0 30YrCancerDerived	*	0
460 ALL	486744.04	3674400.21	0.001205329	108883 Toluene	0 30YrCancerDerived	*	0
461 ALL	486764.88	3674400.21	0.001500091	108883 Toluene	0 30YrCancerDerived	*	0
462 ALL	486785.72	3674400.21	0.00165654	108883 Toluene	0 30YrCancerDerived	*	0
463 ALL	486806.56	3674400.21	0.001511866	108883 Toluene	0 30YrCancerDerived	*	0
464 ALL	486827.4	3674400.21	0.001393034	108883 Toluene	0 30YrCancerDerived	*	0
465 ALL	486848.24	3674400.21	0.001359041	108883 Toluene	0 30YrCancerDerived	*	0
466 ALL	486869.08	3674400.21	0.001297529	108883 Toluene	0 30YrCancerDerived	*	0
467 ALL	486889.92	3674400.21	0.001162505	108883 Toluene	0 30YrCancerDerived	*	0
468 ALL	486910.76	3674400.21	0.001050469	108883 Toluene	0 30YrCancerDerived	*	0
469 ALL	486931.6	3674400.21	0.001001611	108883 Toluene	0 30YrCancerDerived	*	0
470 ALL	486952.44	3674400.21	0.000968709	108883 Toluene	0 30YrCancerDerived	*	0
471 ALL	486973.28	3674400.21	0.000947648	108883 Toluene	0 30YrCancerDerived	*	0
472 ALL	486994.12	3674400.21	0.000939719	108883 Toluene	0 30YrCancerDerived	*	0
473 ALL	487014.96	3674400.21	0.000930456	108883 Toluene	0 30YrCancerDerived	*	0
474 ALL	487035.8	3674400.21	0.000936623	108883 Toluene	0 30YrCancerDerived	*	0
475 ALL	487056.64	3674400.21	0.000957412	108883 Toluene	0 30YrCancerDerived	*	0
476 ALL	487077.48	3674400.21	0.000985592	108883 Toluene	0 30YrCancerDerived	*	0
477 ALL	487098.32	3674400.21	0.001021751	108883 Toluene	0 30YrCancerDerived	*	0
478 ALL	487119.16	3674400.21	0.001064041	108883 Toluene	0 30YrCancerDerived	*	0

479 ALL	487140	3674400.21	0.001114924	108883 Toluene	0 30YrCancerDerived	*	0
480 ALL	487160.84	3674400.21	0.00118047	108883 Toluene	0 30YrCancerDerived	*	0
481 ALL	487181.68	3674400.21	0.001266776	108883 Toluene	0 30YrCancerDerived	*	0
482 ALL	486619	3674420.09	0.000692647	108883 Toluene	0 30YrCancerDerived	*	0
483 ALL	486639.84	3674420.09	0.000741663	108883 Toluene	0 30YrCancerDerived	*	0
484 ALL	486660.68	3674420.09	0.000795826	108883 Toluene	0 30YrCancerDerived	*	0
485 ALL	486681.52	3674420.09	0.000860052	108883 Toluene	0 30YrCancerDerived	*	0
486 ALL	486702.36	3674420.09	0.000952773	108883 Toluene	0 30YrCancerDerived	*	0
487 ALL	486723.2	3674420.09	0.001060808	108883 Toluene	0 30YrCancerDerived	*	0
488 ALL	486744.04	3674420.09	0.001238797	108883 Toluene	0 30YrCancerDerived	*	0
489 ALL	486764.88	3674420.09	0.001512058	108883 Toluene	0 30YrCancerDerived	*	0
490 ALL	486785.72	3674420.09	0.0016253	108883 Toluene	0 30YrCancerDerived	*	0
491 ALL	486806.56	3674420.09	0.001445434	108883 Toluene	0 30YrCancerDerived	*	0
492 ALL	486827.4	3674420.09	0.001270162	108883 Toluene	0 30YrCancerDerived	*	0
493 ALL	486848.24	3674420.09	0.001245907	108883 Toluene	0 30YrCancerDerived	*	0
494 ALL	486869.08	3674420.09	0.001272794	108883 Toluene	0 30YrCancerDerived	*	0
495 ALL	486889.92	3674420.09	0.001198231	108883 Toluene	0 30YrCancerDerived	*	0
496 ALL	486910.76	3674420.09	0.00109528	108883 Toluene	0 30YrCancerDerived	*	0
497 ALL	486931.6	3674420.09	0.001053057	108883 Toluene	0 30YrCancerDerived	*	0
498 ALL	486952.44	3674420.09	0.001028926	108883 Toluene	0 30YrCancerDerived	*	0
499 ALL	486973.28	3674420.09	0.001005753	108883 Toluene	0 30YrCancerDerived	*	0
500 ALL	486994.12	3674420.09	0.000973367	108883 Toluene	0 30YrCancerDerived	*	0
501 ALL	487014.96	3674420.09	0.000969862	108883 Toluene	0 30YrCancerDerived	*	0
502 ALL	487035.8	3674420.09	0.000972242	108883 Toluene	0 30YrCancerDerived	*	0
503 ALL	487056.64	3674420.09	0.000991617	108883 Toluene	0 30YrCancerDerived	*	0
504 ALL	487077.48	3674420.09	0.001010691	108883 Toluene	0 30YrCancerDerived	*	0
505 ALL	487098.32	3674420.09	0.001045493	108883 Toluene	0 30YrCancerDerived	*	0
506 ALL	487119.16	3674420.09	0.00109269	108883 Toluene	0 30YrCancerDerived	*	0
507 ALL	487140	3674420.09	0.001152298	108883 Toluene	0 30YrCancerDerived	*	0
508 ALL	487160.84	3674420.09	0.001233986	108883 Toluene	0 30YrCancerDerived	*	0
509 ALL	487181.68	3674420.09	0.00131828	108883 Toluene	0 30YrCancerDerived	*	0
510 ALL	486577.32	3674439.97	0.000641601	108883 Toluene	0 30YrCancerDerived	*	0
511 ALL	486598.16	3674439.97	0.000669565	108883 Toluene	0 30YrCancerDerived	*	0
512 ALL	486619	3674439.97	0.000708635	108883 Toluene	0 30YrCancerDerived	*	0
513 ALL	486639.84	3674439.97	0.000765999	108883 Toluene	0 30YrCancerDerived	*	0

514 ALL	486660.68	3674439.97	0.000829674	108883	Toluene	0	30YrCancerDerived	*	0
515 ALL	486681.52	3674439.97	0.000921355	108883	Toluene	0	30YrCancerDerived	*	0
516 ALL	486702.36	3674439.97	0.000990434	108883	Toluene	0	30YrCancerDerived	*	0
517 ALL	486723.2	3674439.97	0.001114176	108883	Toluene	0	30YrCancerDerived	*	0
518 ALL	486744.04	3674439.97	0.001286071	108883	Toluene	0	30YrCancerDerived	*	0
519 ALL	486764.88	3674439.97	0.001477578	108883	Toluene	0	30YrCancerDerived	*	0
520 ALL	486785.72	3674439.97	0.001550897	108883	Toluene	0	30YrCancerDerived	*	0
521 ALL	486806.56	3674439.97	0.001384144	108883	Toluene	0	30YrCancerDerived	*	0
522 ALL	486827.4	3674439.97	0.001196572	108883	Toluene	0	30YrCancerDerived	*	0
523 ALL	486848.24	3674439.97	0.001118534	108883	Toluene	0	30YrCancerDerived	*	0
524 ALL	486869.08	3674439.97	0.001137089	108883	Toluene	0	30YrCancerDerived	*	0
525 ALL	486889.92	3674439.97	0.001169204	108883	Toluene	0	30YrCancerDerived	*	0
526 ALL	486910.76	3674439.97	0.00112466	108883	Toluene	0	30YrCancerDerived	*	0
527 ALL	486931.6	3674439.97	0.001091717	108883	Toluene	0	30YrCancerDerived	*	0
528 ALL	486952.44	3674439.97	0.001076184	108883	Toluene	0	30YrCancerDerived	*	0
529 ALL	486973.28	3674439.97	0.001052162	108883	Toluene	0	30YrCancerDerived	*	0
530 ALL	486994.12	3674439.97	0.001017676	108883	Toluene	0	30YrCancerDerived	*	0
531 ALL	487014.96	3674439.97	0.001003409	108883	Toluene	0	30YrCancerDerived	*	0
532 ALL	487035.8	3674439.97	0.001006324	108883	Toluene	0	30YrCancerDerived	*	0
533 ALL	487056.64	3674439.97	0.001013348	108883	Toluene	0	30YrCancerDerived	*	0
534 ALL	487077.48	3674439.97	0.001032358	108883	Toluene	0	30YrCancerDerived	*	0
535 ALL	487098.32	3674439.97	0.001066393	108883	Toluene	0	30YrCancerDerived	*	0
536 ALL	487119.16	3674439.97	0.001116325	108883	Toluene	0	30YrCancerDerived	*	0
537 ALL	487140	3674439.97	0.001179291	108883	Toluene	0	30YrCancerDerived	*	0
538 ALL	487160.84	3674439.97	0.001260819	108883	Toluene	0	30YrCancerDerived	*	0
539 ALL	487181.68	3674439.97	0.001355652	108883	Toluene	0	30YrCancerDerived	*	0
540 ALL	486556.48	3674459.85	0.000624015	108883	Toluene	0	30YrCancerDerived	*	0
541 ALL	486577.32	3674459.85	0.000640448	108883	Toluene	0	30YrCancerDerived	*	0
542 ALL	486598.16	3674459.85	0.000661258	108883	Toluene	0	30YrCancerDerived	*	0
543 ALL	486619	3674459.85	0.000690273	108883	Toluene	0	30YrCancerDerived	*	0
544 ALL	486639.84	3674459.85	0.000747067	108883	Toluene	0	30YrCancerDerived	*	0
545 ALL	486660.68	3674459.85	0.000819123	108883	Toluene	0	30YrCancerDerived	*	0
546 ALL	486681.52	3674459.85	0.000883545	108883	Toluene	0	30YrCancerDerived	*	0
547 ALL	486702.36	3674459.85	0.000946627	108883	Toluene	0	30YrCancerDerived	*	0
548 ALL	486723.2	3674459.85	0.001042165	108883	Toluene	0	30YrCancerDerived	*	0

549 ALL	486744.04	3674459.85	0.001162071	108883 Toluene	0 30YrCancerDerived	*	0
550 ALL	486764.88	3674459.85	0.001278801	108883 Toluene	0 30YrCancerDerived	*	0
551 ALL	486785.72	3674459.85	0.001367187	108883 Toluene	0 30YrCancerDerived	*	0
552 ALL	486806.56	3674459.85	0.001306288	108883 Toluene	0 30YrCancerDerived	*	0
553 ALL	486827.4	3674459.85	0.001146366	108883 Toluene	0 30YrCancerDerived	*	0
554 ALL	486848.24	3674459.85	0.001033309	108883 Toluene	0 30YrCancerDerived	*	0
555 ALL	486869.08	3674459.85	0.001036375	108883 Toluene	0 30YrCancerDerived	*	0
556 ALL	486889.92	3674459.85	0.001077063	108883 Toluene	0 30YrCancerDerived	*	0
557 ALL	486910.76	3674459.85	0.001063397	108883 Toluene	0 30YrCancerDerived	*	0
558 ALL	486931.6	3674459.85	0.001058002	108883 Toluene	0 30YrCancerDerived	*	0
559 ALL	486952.44	3674459.85	0.001081859	108883 Toluene	0 30YrCancerDerived	*	0
560 ALL	486973.28	3674459.85	0.001073709	108883 Toluene	0 30YrCancerDerived	*	0
561 ALL	486994.12	3674459.85	0.001045518	108883 Toluene	0 30YrCancerDerived	*	0
562 ALL	487014.96	3674459.85	0.001018043	108883 Toluene	0 30YrCancerDerived	*	0
563 ALL	487035.8	3674459.85	0.001016563	108883 Toluene	0 30YrCancerDerived	*	0
564 ALL	487056.64	3674459.85	0.001035089	108883 Toluene	0 30YrCancerDerived	*	0
565 ALL	487077.48	3674459.85	0.00105734	108883 Toluene	0 30YrCancerDerived	*	0
566 ALL	487098.32	3674459.85	0.001089101	108883 Toluene	0 30YrCancerDerived	*	0
567 ALL	487119.16	3674459.85	0.001137093	108883 Toluene	0 30YrCancerDerived	*	0
568 ALL	487140	3674459.85	0.001194758	108883 Toluene	0 30YrCancerDerived	*	0
569 ALL	487160.84	3674459.85	0.0012616	108883 Toluene	0 30YrCancerDerived	*	0
570 ALL	487181.68	3674459.85	0.001357083	108883 Toluene	0 30YrCancerDerived	*	0
571 ALL	486535.64	3674479.73	0.000614859	108883 Toluene	0 30YrCancerDerived	*	0
572 ALL	486556.48	3674479.73	0.000626744	108883 Toluene	0 30YrCancerDerived	*	0
573 ALL	486577.32	3674479.73	0.000640907	108883 Toluene	0 30YrCancerDerived	*	0
574 ALL	486598.16	3674479.73	0.000661261	108883 Toluene	0 30YrCancerDerived	*	0
575 ALL	486619	3674479.73	0.000684198	108883 Toluene	0 30YrCancerDerived	*	0
576 ALL	486639.84	3674479.73	0.000734567	108883 Toluene	0 30YrCancerDerived	*	0
577 ALL	486660.68	3674479.73	0.000792629	108883 Toluene	0 30YrCancerDerived	*	0
578 ALL	486681.52	3674479.73	0.000831145	108883 Toluene	0 30YrCancerDerived	*	0
579 ALL	486702.36	3674479.73	0.000886366	108883 Toluene	0 30YrCancerDerived	*	0
580 ALL	486723.2	3674479.73	0.000972908	108883 Toluene	0 30YrCancerDerived	*	0
581 ALL	486744.04	3674479.73	0.001062259	108883 Toluene	0 30YrCancerDerived	*	0
582 ALL	486764.88	3674479.73	0.001121413	108883 Toluene	0 30YrCancerDerived	*	0
583 ALL	486785.72	3674479.73	0.001197281	108883 Toluene	0 30YrCancerDerived	*	0

584 ALL	486806.56	3674479.73	0.001182911	108883 Toluene	0 30YrCancerDerived	*	0
585 ALL	486827.4	3674479.73	0.001097928	108883 Toluene	0 30YrCancerDerived	*	0
586 ALL	486848.24	3674479.73	0.001000467	108883 Toluene	0 30YrCancerDerived	*	0
587 ALL	486869.08	3674479.73	0.000978099	108883 Toluene	0 30YrCancerDerived	*	0
588 ALL	486889.92	3674479.73	0.001000872	108883 Toluene	0 30YrCancerDerived	*	0
589 ALL	486910.76	3674479.73	0.001020349	108883 Toluene	0 30YrCancerDerived	*	0
590 ALL	486931.6	3674479.73	0.001033508	108883 Toluene	0 30YrCancerDerived	*	0
591 ALL	486952.44	3674479.73	0.001058666	108883 Toluene	0 30YrCancerDerived	*	0
592 ALL	486973.28	3674479.73	0.001068784	108883 Toluene	0 30YrCancerDerived	*	0
593 ALL	486994.12	3674479.73	0.001050064	108883 Toluene	0 30YrCancerDerived	*	0
594 ALL	487014.96	3674479.73	0.001035351	108883 Toluene	0 30YrCancerDerived	*	0
595 ALL	487035.8	3674479.73	0.001040636	108883 Toluene	0 30YrCancerDerived	*	0
596 ALL	487056.64	3674479.73	0.001063273	108883 Toluene	0 30YrCancerDerived	*	0
597 ALL	487077.48	3674479.73	0.001090449	108883 Toluene	0 30YrCancerDerived	*	0
598 ALL	487098.32	3674479.73	0.001123739	108883 Toluene	0 30YrCancerDerived	*	0
599 ALL	487119.16	3674479.73	0.001168346	108883 Toluene	0 30YrCancerDerived	*	0
600 ALL	487140	3674479.73	0.00121847	108883 Toluene	0 30YrCancerDerived	*	0
601 ALL	487160.84	3674479.73	0.001286343	108883 Toluene	0 30YrCancerDerived	*	0
602 ALL	486514.8	3674499.61	0.00060945	108883 Toluene	0 30YrCancerDerived	*	0
603 ALL	486535.64	3674499.61	0.000624411	108883 Toluene	0 30YrCancerDerived	*	0
604 ALL	486556.48	3674499.61	0.000636404	108883 Toluene	0 30YrCancerDerived	*	0
605 ALL	486577.32	3674499.61	0.000652851	108883 Toluene	0 30YrCancerDerived	*	0
606 ALL	486598.16	3674499.61	0.000674943	108883 Toluene	0 30YrCancerDerived	*	0
607 ALL	486619	3674499.61	0.000701185	108883 Toluene	0 30YrCancerDerived	*	0
608 ALL	486639.84	3674499.61	0.000735971	108883 Toluene	0 30YrCancerDerived	*	0
609 ALL	486660.68	3674499.61	0.000773925	108883 Toluene	0 30YrCancerDerived	*	0
610 ALL	486681.52	3674499.61	0.000790729	108883 Toluene	0 30YrCancerDerived	*	0
611 ALL	486702.36	3674499.61	0.000837682	108883 Toluene	0 30YrCancerDerived	*	0
612 ALL	486723.2	3674499.61	0.000915962	108883 Toluene	0 30YrCancerDerived	*	0
613 ALL	486744.04	3674499.61	0.000949128	108883 Toluene	0 30YrCancerDerived	*	0
614 ALL	486764.88	3674499.61	0.000993753	108883 Toluene	0 30YrCancerDerived	*	0
615 ALL	486785.72	3674499.61	0.00107903	108883 Toluene	0 30YrCancerDerived	*	0
616 ALL	486806.56	3674499.61	0.001037183	108883 Toluene	0 30YrCancerDerived	*	0
617 ALL	486827.4	3674499.61	0.000992664	108883 Toluene	0 30YrCancerDerived	*	0
618 ALL	486848.24	3674499.61	0.000961983	108883 Toluene	0 30YrCancerDerived	*	0

619 ALL	486869.08	3674499.61	0.000945974	108883 Toluene	0 30YrCancerDerived	*	0
620 ALL	486889.92	3674499.61	0.000960762	108883 Toluene	0 30YrCancerDerived	*	0
621 ALL	486910.76	3674499.61	0.000994802	108883 Toluene	0 30YrCancerDerived	*	0
622 ALL	486931.6	3674499.61	0.001012323	108883 Toluene	0 30YrCancerDerived	*	0
623 ALL	486952.44	3674499.61	0.001032062	108883 Toluene	0 30YrCancerDerived	*	0
624 ALL	486973.28	3674499.61	0.001058061	108883 Toluene	0 30YrCancerDerived	*	0
625 ALL	486994.12	3674499.61	0.001066802	108883 Toluene	0 30YrCancerDerived	*	0
626 ALL	487014.96	3674499.61	0.001060154	108883 Toluene	0 30YrCancerDerived	*	0
627 ALL	487035.8	3674499.61	0.001067492	108883 Toluene	0 30YrCancerDerived	*	0
628 ALL	487056.64	3674499.61	0.001094807	108883 Toluene	0 30YrCancerDerived	*	0
629 ALL	487077.48	3674499.61	0.001128489	108883 Toluene	0 30YrCancerDerived	*	0
630 ALL	487098.32	3674499.61	0.001166173	108883 Toluene	0 30YrCancerDerived	*	0
631 ALL	487119.16	3674499.61	0.001208869	108883 Toluene	0 30YrCancerDerived	*	0
632 ALL	487140	3674499.61	0.001262263	108883 Toluene	0 30YrCancerDerived	*	0
633 ALL	487160.84	3674499.61	0.001336686	108883 Toluene	0 30YrCancerDerived	*	0
634 ALL	486514.8	3674519.49	0.000621651	108883 Toluene	0 30YrCancerDerived	*	0
635 ALL	486535.64	3674519.49	0.000644576	108883 Toluene	0 30YrCancerDerived	*	0
636 ALL	486556.48	3674519.49	0.000658904	108883 Toluene	0 30YrCancerDerived	*	0
637 ALL	486577.32	3674519.49	0.000671579	108883 Toluene	0 30YrCancerDerived	*	0
638 ALL	486598.16	3674519.49	0.000688585	108883 Toluene	0 30YrCancerDerived	*	0
639 ALL	486619	3674519.49	0.000716299	108883 Toluene	0 30YrCancerDerived	*	0
640 ALL	486639.84	3674519.49	0.000740377	108883 Toluene	0 30YrCancerDerived	*	0
641 ALL	486660.68	3674519.49	0.000765627	108883 Toluene	0 30YrCancerDerived	*	0
642 ALL	486681.52	3674519.49	0.000785858	108883 Toluene	0 30YrCancerDerived	*	0
643 ALL	486702.36	3674519.49	0.000815257	108883 Toluene	0 30YrCancerDerived	*	0
644 ALL	486723.2	3674519.49	0.000869341	108883 Toluene	0 30YrCancerDerived	*	0
645 ALL	486744.04	3674519.49	0.000880574	108883 Toluene	0 30YrCancerDerived	*	0
646 ALL	486764.88	3674519.49	0.000919582	108883 Toluene	0 30YrCancerDerived	*	0
647 ALL	486785.72	3674519.49	0.000994948	108883 Toluene	0 30YrCancerDerived	*	0
648 ALL	486806.56	3674519.49	0.000969677	108883 Toluene	0 30YrCancerDerived	*	0
649 ALL	486827.4	3674519.49	0.000916131	108883 Toluene	0 30YrCancerDerived	*	0
650 ALL	486848.24	3674519.49	0.000902674	108883 Toluene	0 30YrCancerDerived	*	0
651 ALL	486869.08	3674519.49	0.000907019	108883 Toluene	0 30YrCancerDerived	*	0
652 ALL	486889.92	3674519.49	0.000933784	108883 Toluene	0 30YrCancerDerived	*	0
653 ALL	486910.76	3674519.49	0.000975509	108883 Toluene	0 30YrCancerDerived	*	0

654 ALL	486931.6	3674519.49	0.000990182	108883	Toluene	0	30YrCancerDerived	*	0
655 ALL	486952.44	3674519.49	0.001005277	108883	Toluene	0	30YrCancerDerived	*	0
656 ALL	486973.28	3674519.49	0.001032609	108883	Toluene	0	30YrCancerDerived	*	0
657 ALL	486994.12	3674519.49	0.001057079	108883	Toluene	0	30YrCancerDerived	*	0
658 ALL	487014.96	3674519.49	0.001070199	108883	Toluene	0	30YrCancerDerived	*	0
659 ALL	487035.8	3674519.49	0.001089051	108883	Toluene	0	30YrCancerDerived	*	0
660 ALL	487056.64	3674519.49	0.001134652	108883	Toluene	0	30YrCancerDerived	*	0
661 ALL	486493.96	3674539.37	0.000625633	108883	Toluene	0	30YrCancerDerived	*	0
662 ALL	486514.8	3674539.37	0.000639721	108883	Toluene	0	30YrCancerDerived	*	0
663 ALL	486535.64	3674539.37	0.000657794	108883	Toluene	0	30YrCancerDerived	*	0
664 ALL	486556.48	3674539.37	0.000670129	108883	Toluene	0	30YrCancerDerived	*	0
665 ALL	486577.32	3674539.37	0.000683397	108883	Toluene	0	30YrCancerDerived	*	0
666 ALL	486598.16	3674539.37	0.00069692	108883	Toluene	0	30YrCancerDerived	*	0
667 ALL	486619	3674539.37	0.000719399	108883	Toluene	0	30YrCancerDerived	*	0
668 ALL	486639.84	3674539.37	0.000743166	108883	Toluene	0	30YrCancerDerived	*	0
669 ALL	486660.68	3674539.37	0.000768278	108883	Toluene	0	30YrCancerDerived	*	0
670 ALL	486681.52	3674539.37	0.000791781	108883	Toluene	0	30YrCancerDerived	*	0
671 ALL	486702.36	3674539.37	0.000819239	108883	Toluene	0	30YrCancerDerived	*	0
672 ALL	486723.2	3674539.37	0.000843021	108883	Toluene	0	30YrCancerDerived	*	0
673 ALL	486744.04	3674539.37	0.000840529	108883	Toluene	0	30YrCancerDerived	*	0
674 ALL	486764.88	3674539.37	0.000866528	108883	Toluene	0	30YrCancerDerived	*	0
675 ALL	486785.72	3674539.37	0.000937006	108883	Toluene	0	30YrCancerDerived	*	0
676 ALL	486806.56	3674539.37	0.00093581	108883	Toluene	0	30YrCancerDerived	*	0
677 ALL	486827.4	3674539.37	0.000892687	108883	Toluene	0	30YrCancerDerived	*	0
678 ALL	486848.24	3674539.37	0.000879457	108883	Toluene	0	30YrCancerDerived	*	0
679 ALL	486869.08	3674539.37	0.000889231	108883	Toluene	0	30YrCancerDerived	*	0
680 ALL	486889.92	3674539.37	0.000925078	108883	Toluene	0	30YrCancerDerived	*	0
681 ALL	486910.76	3674539.37	0.000965217	108883	Toluene	0	30YrCancerDerived	*	0
682 ALL	486931.6	3674539.37	0.000989013	108883	Toluene	0	30YrCancerDerived	*	0
683 ALL	486493.96	3674559.25	0.000619034	108883	Toluene	0	30YrCancerDerived	*	0
684 ALL	486514.8	3674559.25	0.00063551	108883	Toluene	0	30YrCancerDerived	*	0
685 ALL	486535.64	3674559.25	0.000660937	108883	Toluene	0	30YrCancerDerived	*	0
686 ALL	486556.48	3674559.25	0.000672797	108883	Toluene	0	30YrCancerDerived	*	0
687 ALL	486577.32	3674559.25	0.000678718	108883	Toluene	0	30YrCancerDerived	*	0
688 ALL	486598.16	3674559.25	0.000695369	108883	Toluene	0	30YrCancerDerived	*	0

689 ALL	486619	3674559.25	0.000721439	108883	Toluene	0	30YrCancerDerived	*	0
690 ALL	486639.84	3674559.25	0.000744418	108883	Toluene	0	30YrCancerDerived	*	0
691 ALL	486660.68	3674559.25	0.000773088	108883	Toluene	0	30YrCancerDerived	*	0
692 ALL	486681.52	3674559.25	0.00080389	108883	Toluene	0	30YrCancerDerived	*	0
693 ALL	486702.36	3674559.25	0.000825903	108883	Toluene	0	30YrCancerDerived	*	0
694 ALL	486723.2	3674559.25	0.000837985	108883	Toluene	0	30YrCancerDerived	*	0
695 ALL	486744.04	3674559.25	0.000839942	108883	Toluene	0	30YrCancerDerived	*	0
696 ALL	486764.88	3674559.25	0.000862239	108883	Toluene	0	30YrCancerDerived	*	0
697 ALL	486785.72	3674559.25	0.000912909	108883	Toluene	0	30YrCancerDerived	*	0
698 ALL	486806.56	3674559.25	0.000918146	108883	Toluene	0	30YrCancerDerived	*	0
699 ALL	486827.4	3674559.25	0.000899278	108883	Toluene	0	30YrCancerDerived	*	0
700 ALL	486848.24	3674559.25	0.000890663	108883	Toluene	0	30YrCancerDerived	*	0
701 ALL	486869.08	3674559.25	0.000899632	108883	Toluene	0	30YrCancerDerived	*	0
702 ALL	486889.92	3674559.25	0.000930923	108883	Toluene	0	30YrCancerDerived	*	0
703 ALL	486910.76	3674559.25	0.000985346	108883	Toluene	0	30YrCancerDerived	*	0
704 ALL	486493.96	3674579.13	0.000622537	108883	Toluene	0	30YrCancerDerived	*	0
705 ALL	486514.8	3674579.13	0.000630635	108883	Toluene	0	30YrCancerDerived	*	0
706 ALL	486535.64	3674579.13	0.000656442	108883	Toluene	0	30YrCancerDerived	*	0
707 ALL	486556.48	3674579.13	0.000671672	108883	Toluene	0	30YrCancerDerived	*	0
708 ALL	486577.32	3674579.13	0.000683168	108883	Toluene	0	30YrCancerDerived	*	0
709 ALL	486598.16	3674579.13	0.000700108	108883	Toluene	0	30YrCancerDerived	*	0
710 ALL	486619	3674579.13	0.000725757	108883	Toluene	0	30YrCancerDerived	*	0
711 ALL	486639.84	3674579.13	0.000747675	108883	Toluene	0	30YrCancerDerived	*	0
712 ALL	486660.68	3674579.13	0.00077392	108883	Toluene	0	30YrCancerDerived	*	0
713 ALL	486681.52	3674579.13	0.000800434	108883	Toluene	0	30YrCancerDerived	*	0
714 ALL	486702.36	3674579.13	0.000814816	108883	Toluene	0	30YrCancerDerived	*	0
715 ALL	486723.2	3674579.13	0.000831165	108883	Toluene	0	30YrCancerDerived	*	0
716 ALL	486744.04	3674579.13	0.000848567	108883	Toluene	0	30YrCancerDerived	*	0
717 ALL	486764.88	3674579.13	0.000875846	108883	Toluene	0	30YrCancerDerived	*	0
718 ALL	486785.72	3674579.13	0.000904747	108883	Toluene	0	30YrCancerDerived	*	0
719 ALL	486806.56	3674579.13	0.000919512	108883	Toluene	0	30YrCancerDerived	*	0
720 ALL	486827.4	3674579.13	0.000915665	108883	Toluene	0	30YrCancerDerived	*	0
721 ALL	486848.24	3674579.13	0.00091388	108883	Toluene	0	30YrCancerDerived	*	0
722 ALL	486869.08	3674579.13	0.000921961	108883	Toluene	0	30YrCancerDerived	*	0
723 ALL	486889.92	3674579.13	0.00095857	108883	Toluene	0	30YrCancerDerived	*	0

724 ALL	486473.12	3674599.01	0.000651694	108883 Toluene	0 30YrCancerDerived	*	0
725 ALL	486493.96	3674599.01	0.000631008	108883 Toluene	0 30YrCancerDerived	*	0
726 ALL	486514.8	3674599.01	0.000635689	108883 Toluene	0 30YrCancerDerived	*	0
727 ALL	486535.64	3674599.01	0.000653336	108883 Toluene	0 30YrCancerDerived	*	0
728 ALL	486556.48	3674599.01	0.000673002	108883 Toluene	0 30YrCancerDerived	*	0
729 ALL	486577.32	3674599.01	0.0006917	108883 Toluene	0 30YrCancerDerived	*	0
730 ALL	486598.16	3674599.01	0.000712177	108883 Toluene	0 30YrCancerDerived	*	0
731 ALL	486619	3674599.01	0.000731944	108883 Toluene	0 30YrCancerDerived	*	0
732 ALL	486639.84	3674599.01	0.000753937	108883 Toluene	0 30YrCancerDerived	*	0
733 ALL	486660.68	3674599.01	0.000772496	108883 Toluene	0 30YrCancerDerived	*	0
734 ALL	486681.52	3674599.01	0.000787165	108883 Toluene	0 30YrCancerDerived	*	0
735 ALL	486702.36	3674599.01	0.000800376	108883 Toluene	0 30YrCancerDerived	*	0
736 ALL	486723.2	3674599.01	0.000817454	108883 Toluene	0 30YrCancerDerived	*	0
737 ALL	486744.04	3674599.01	0.0008551	108883 Toluene	0 30YrCancerDerived	*	0
738 ALL	486764.88	3674599.01	0.00089303	108883 Toluene	0 30YrCancerDerived	*	0
739 ALL	486785.72	3674599.01	0.00092436	108883 Toluene	0 30YrCancerDerived	*	0
740 ALL	486806.56	3674599.01	0.00094079	108883 Toluene	0 30YrCancerDerived	*	0
741 ALL	486827.4	3674599.01	0.000941947	108883 Toluene	0 30YrCancerDerived	*	0
742 ALL	486848.24	3674599.01	0.00094641	108883 Toluene	0 30YrCancerDerived	*	0
743 ALL	486869.08	3674599.01	0.000961664	108883 Toluene	0 30YrCancerDerived	*	0
744 ALL	486473.12	3674618.89	0.000648865	108883 Toluene	0 30YrCancerDerived	*	0
745 ALL	486493.96	3674618.89	0.00063453	108883 Toluene	0 30YrCancerDerived	*	0
746 ALL	486514.8	3674618.89	0.000638979	108883 Toluene	0 30YrCancerDerived	*	0
747 ALL	486535.64	3674618.89	0.000657321	108883 Toluene	0 30YrCancerDerived	*	0
748 ALL	486556.48	3674618.89	0.00067933	108883 Toluene	0 30YrCancerDerived	*	0
749 ALL	486577.32	3674618.89	0.000697748	108883 Toluene	0 30YrCancerDerived	*	0
750 ALL	486598.16	3674618.89	0.000717435	108883 Toluene	0 30YrCancerDerived	*	0
751 ALL	486619	3674618.89	0.000737495	108883 Toluene	0 30YrCancerDerived	*	0
752 ALL	486639.84	3674618.89	0.000752848	108883 Toluene	0 30YrCancerDerived	*	0
753 ALL	486660.68	3674618.89	0.000765826	108883 Toluene	0 30YrCancerDerived	*	0
754 ALL	486681.52	3674618.89	0.000774611	108883 Toluene	0 30YrCancerDerived	*	0
755 ALL	486702.36	3674618.89	0.000781661	108883 Toluene	0 30YrCancerDerived	*	0
756 ALL	486723.2	3674618.89	0.000798136	108883 Toluene	0 30YrCancerDerived	*	0
757 ALL	486744.04	3674618.89	0.000833338	108883 Toluene	0 30YrCancerDerived	*	0
758 ALL	486764.88	3674618.89	0.000888543	108883 Toluene	0 30YrCancerDerived	*	0

759 ALL	486785.72	3674618.89	0.000947618	108883 Toluene	0 30YrCancerDerived	*	0
760 ALL	486806.56	3674618.89	0.000979955	108883 Toluene	0 30YrCancerDerived	*	0
761 ALL	486452.28	3674638.77	0.000661731	108883 Toluene	0 30YrCancerDerived	*	0
762 ALL	486473.12	3674638.77	0.000639804	108883 Toluene	0 30YrCancerDerived	*	0
763 ALL	486493.96	3674638.77	0.000633637	108883 Toluene	0 30YrCancerDerived	*	0
764 ALL	486514.8	3674638.77	0.000643963	108883 Toluene	0 30YrCancerDerived	*	0
765 ALL	486535.64	3674638.77	0.000660838	108883 Toluene	0 30YrCancerDerived	*	0
766 ALL	486556.48	3674638.77	0.000682253	108883 Toluene	0 30YrCancerDerived	*	0
767 ALL	486577.32	3674638.77	0.000701479	108883 Toluene	0 30YrCancerDerived	*	0
768 ALL	486598.16	3674638.77	0.000717967	108883 Toluene	0 30YrCancerDerived	*	0
769 ALL	486619	3674638.77	0.000730802	108883 Toluene	0 30YrCancerDerived	*	0
770 ALL	486639.84	3674638.77	0.000741036	108883 Toluene	0 30YrCancerDerived	*	0
771 ALL	486660.68	3674638.77	0.000754797	108883 Toluene	0 30YrCancerDerived	*	0
772 ALL	486681.52	3674638.77	0.000764857	108883 Toluene	0 30YrCancerDerived	*	0
773 ALL	486702.36	3674638.77	0.000766617	108883 Toluene	0 30YrCancerDerived	*	0
774 ALL	486723.2	3674638.77	0.000779706	108883 Toluene	0 30YrCancerDerived	*	0
775 ALL	486744.04	3674638.77	0.00081536	108883 Toluene	0 30YrCancerDerived	*	0
776 ALL	486764.88	3674638.77	0.000867897	108883 Toluene	0 30YrCancerDerived	*	0
777 ALL	486785.72	3674638.77	0.000949983	108883 Toluene	0 30YrCancerDerived	*	0
778 ALL	486452.28	3674658.65	0.00064005	108883 Toluene	0 30YrCancerDerived	*	0
779 ALL	486473.12	3674658.65	0.000628486	108883 Toluene	0 30YrCancerDerived	*	0
780 ALL	486493.96	3674658.65	0.000631236	108883 Toluene	0 30YrCancerDerived	*	0
781 ALL	486514.8	3674658.65	0.000645604	108883 Toluene	0 30YrCancerDerived	*	0
782 ALL	486535.64	3674658.65	0.000660442	108883 Toluene	0 30YrCancerDerived	*	0
783 ALL	486556.48	3674658.65	0.000682978	108883 Toluene	0 30YrCancerDerived	*	0
784 ALL	486577.32	3674658.65	0.000701992	108883 Toluene	0 30YrCancerDerived	*	0
785 ALL	486598.16	3674658.65	0.000718061	108883 Toluene	0 30YrCancerDerived	*	0
786 ALL	486619	3674658.65	0.000719996	108883 Toluene	0 30YrCancerDerived	*	0
787 ALL	486639.84	3674658.65	0.000724591	108883 Toluene	0 30YrCancerDerived	*	0
788 ALL	486660.68	3674658.65	0.000742992	108883 Toluene	0 30YrCancerDerived	*	0
789 ALL	486681.52	3674658.65	0.000759764	108883 Toluene	0 30YrCancerDerived	*	0
790 ALL	486702.36	3674658.65	0.000759605	108883 Toluene	0 30YrCancerDerived	*	0
791 ALL	486723.2	3674658.65	0.00077292	108883 Toluene	0 30YrCancerDerived	*	0
792 ALL	486744.04	3674658.65	0.00081222	108883 Toluene	0 30YrCancerDerived	*	0
793 ALL	486764.88	3674658.65	0.000875678	108883 Toluene	0 30YrCancerDerived	*	0

794 ALL	486452.28	3674678.53	0.000622343	108883 Toluene	0 30YrCancerDerived	*	0
795 ALL	486473.12	3674678.53	0.000622309	108883 Toluene	0 30YrCancerDerived	*	0
796 ALL	486493.96	3674678.53	0.000631593	108883 Toluene	0 30YrCancerDerived	*	0
797 ALL	486514.8	3674678.53	0.000646407	108883 Toluene	0 30YrCancerDerived	*	0
798 ALL	486535.64	3674678.53	0.000661009	108883 Toluene	0 30YrCancerDerived	*	0
799 ALL	486556.48	3674678.53	0.000678735	108883 Toluene	0 30YrCancerDerived	*	0
800 ALL	486577.32	3674678.53	0.000698161	108883 Toluene	0 30YrCancerDerived	*	0
801 ALL	486598.16	3674678.53	0.000709221	108883 Toluene	0 30YrCancerDerived	*	0
802 ALL	486619	3674678.53	0.000707579	108883 Toluene	0 30YrCancerDerived	*	0
803 ALL	486639.84	3674678.53	0.000718848	108883 Toluene	0 30YrCancerDerived	*	0
804 ALL	486660.68	3674678.53	0.000740017	108883 Toluene	0 30YrCancerDerived	*	0
805 ALL	486681.52	3674678.53	0.000762786	108883 Toluene	0 30YrCancerDerived	*	0
806 ALL	486702.36	3674678.53	0.000778274	108883 Toluene	0 30YrCancerDerived	*	0
807 ALL	486723.2	3674678.53	0.000796541	108883 Toluene	0 30YrCancerDerived	*	0
808 ALL	486744.04	3674678.53	0.000832647	108883 Toluene	0 30YrCancerDerived	*	0
809 ALL	486764.88	3674678.53	0.000914294	108883 Toluene	0 30YrCancerDerived	*	0
810 ALL	486431.44	3674698.41	0.000615008	108883 Toluene	0 30YrCancerDerived	*	0
811 ALL	486452.28	3674698.41	0.000615006	108883 Toluene	0 30YrCancerDerived	*	0
812 ALL	486473.12	3674698.41	0.000621139	108883 Toluene	0 30YrCancerDerived	*	0
813 ALL	486493.96	3674698.41	0.000634169	108883 Toluene	0 30YrCancerDerived	*	0
814 ALL	486514.8	3674698.41	0.000646579	108883 Toluene	0 30YrCancerDerived	*	0
815 ALL	486535.64	3674698.41	0.000661805	108883 Toluene	0 30YrCancerDerived	*	0
816 ALL	486556.48	3674698.41	0.000676662	108883 Toluene	0 30YrCancerDerived	*	0
817 ALL	486577.32	3674698.41	0.000693084	108883 Toluene	0 30YrCancerDerived	*	0
818 ALL	486598.16	3674698.41	0.000703132	108883 Toluene	0 30YrCancerDerived	*	0
819 ALL	486619	3674698.41	0.000706881	108883 Toluene	0 30YrCancerDerived	*	0
820 ALL	486639.84	3674698.41	0.00072993	108883 Toluene	0 30YrCancerDerived	*	0
821 ALL	486660.68	3674698.41	0.00076998	108883 Toluene	0 30YrCancerDerived	*	0
822 ALL	486431.44	3674718.29	0.00061227	108883 Toluene	0 30YrCancerDerived	*	0
823 ALL	486452.28	3674718.29	0.000613918	108883 Toluene	0 30YrCancerDerived	*	0
824 ALL	486473.12	3674718.29	0.000625431	108883 Toluene	0 30YrCancerDerived	*	0
825 ALL	486493.96	3674718.29	0.00064087	108883 Toluene	0 30YrCancerDerived	*	0
826 ALL	486514.8	3674718.29	0.00065475	108883 Toluene	0 30YrCancerDerived	*	0
827 ALL	486535.64	3674718.29	0.000666939	108883 Toluene	0 30YrCancerDerived	*	0
828 ALL	486556.48	3674718.29	0.000683387	108883 Toluene	0 30YrCancerDerived	*	0

829 ALL	486577.32	3674718.29	0.000696208	108883 Toluene	0 30YrCancerDerived	*	0
830 ALL	486598.16	3674718.29	0.000692956	108883 Toluene	0 30YrCancerDerived	*	0
831 ALL	486619	3674718.29	0.000711598	108883 Toluene	0 30YrCancerDerived	*	0
832 ALL	486639.84	3674718.29	0.000754786	108883 Toluene	0 30YrCancerDerived	*	0
833 ALL	486452.28	3674738.17	0.000612972	108883 Toluene	0 30YrCancerDerived	*	0
834 ALL	486473.12	3674738.17	0.00063054	108883 Toluene	0 30YrCancerDerived	*	0
835 ALL	486493.96	3674738.17	0.000653729	108883 Toluene	0 30YrCancerDerived	*	0
836 ALL	486514.8	3674738.17	0.000674351	108883 Toluene	0 30YrCancerDerived	*	0
837 ALL	486535.64	3674738.17	0.000690597	108883 Toluene	0 30YrCancerDerived	*	0
838 ALL	486556.48	3674738.17	0.000708311	108883 Toluene	0 30YrCancerDerived	*	0
839 ALL	486577.32	3674738.17	0.000712053	108883 Toluene	0 30YrCancerDerived	*	0
840 ALL	486598.16	3674738.17	0.000712443	108883 Toluene	0 30YrCancerDerived	*	0
841 ALL	486619	3674738.17	0.000741524	108883 Toluene	0 30YrCancerDerived	*	0
842 ALL	486473.12	3674758.05	0.000637293	108883 Toluene	0 30YrCancerDerived	*	0
843 ALL	486493.96	3674758.05	0.000664786	108883 Toluene	0 30YrCancerDerived	*	0
844 ALL	486514.8	3674758.05	0.000700813	108883 Toluene	0 30YrCancerDerived	*	0
845 ALL	486535.64	3674758.05	0.000721625	108883 Toluene	0 30YrCancerDerived	*	0
846 ALL	486556.48	3674758.05	0.000741787	108883 Toluene	0 30YrCancerDerived	*	0
847 ALL	486577.32	3674758.05	0.000749265	108883 Toluene	0 30YrCancerDerived	*	0
848 ALL	486139.68	3674777.93	0.000878784	108883 Toluene	0 30YrCancerDerived	*	0
849 ALL	486514.8	3674777.93	0.000719886	108883 Toluene	0 30YrCancerDerived	*	0
850 ALL	486535.64	3674777.93	0.000754083	108883 Toluene	0 30YrCancerDerived	*	0
851 ALL	486556.48	3674777.93	0.00078303	108883 Toluene	0 30YrCancerDerived	*	0
852 ALL	486139.68	3674797.81	0.0009577	108883 Toluene	0 30YrCancerDerived	*	0
853 ALL	486160.52	3674797.81	0.000881379	108883 Toluene	0 30YrCancerDerived	*	0
854 ALL	486181.36	3674797.81	0.000833232	108883 Toluene	0 30YrCancerDerived	*	0
855 ALL	486202.2	3674797.81	0.000788959	108883 Toluene	0 30YrCancerDerived	*	0
856 ALL	486243.88	3674797.81	0.00074981	108883 Toluene	0 30YrCancerDerived	*	0
857 ALL	486264.72	3674797.81	0.00069946	108883 Toluene	0 30YrCancerDerived	*	0
858 ALL	486285.56	3674797.81	0.000670976	108883 Toluene	0 30YrCancerDerived	*	0
859 ALL	486306.4	3674797.81	0.000646729	108883 Toluene	0 30YrCancerDerived	*	0
860 ALL	486535.64	3674797.81	0.000781839	108883 Toluene	0 30YrCancerDerived	*	0
861 ALL	486556.48	3674797.81	0.000839566	108883 Toluene	0 30YrCancerDerived	*	0
862 ALL	485868.76	3674817.69	0.000593135	108883 Toluene	0 30YrCancerDerived	*	0
863 ALL	485889.6	3674817.69	0.000617652	108883 Toluene	0 30YrCancerDerived	*	0

864 ALL	485910.44	3674817.69	0.000639587	108883	Toluene	0	30YrCancerDerived	*	0
865 ALL	485931.28	3674817.69	0.000650365	108883	Toluene	0	30YrCancerDerived	*	0
866 ALL	485952.12	3674817.69	0.000660536	108883	Toluene	0	30YrCancerDerived	*	0
867 ALL	485972.96	3674817.69	0.000671292	108883	Toluene	0	30YrCancerDerived	*	0
868 ALL	486118.84	3674817.69	0.000849732	108883	Toluene	0	30YrCancerDerived	*	0
869 ALL	486139.68	3674817.69	0.00082836	108883	Toluene	0	30YrCancerDerived	*	0
870 ALL	486160.52	3674817.69	0.000842744	108883	Toluene	0	30YrCancerDerived	*	0
871 ALL	486181.36	3674817.69	0.000856359	108883	Toluene	0	30YrCancerDerived	*	0
872 ALL	486202.2	3674817.69	0.000865567	108883	Toluene	0	30YrCancerDerived	*	0
873 ALL	486223.04	3674817.69	0.000836233	108883	Toluene	0	30YrCancerDerived	*	0
874 ALL	486243.88	3674817.69	0.000751328	108883	Toluene	0	30YrCancerDerived	*	0
875 ALL	486264.72	3674817.69	0.00067965	108883	Toluene	0	30YrCancerDerived	*	0
876 ALL	486285.56	3674817.69	0.000643898	108883	Toluene	0	30YrCancerDerived	*	0
877 ALL	486306.4	3674817.69	0.000624447	108883	Toluene	0	30YrCancerDerived	*	0
878 ALL	485868.76	3674837.57	0.000576886	108883	Toluene	0	30YrCancerDerived	*	0
879 ALL	485889.6	3674837.57	0.000605097	108883	Toluene	0	30YrCancerDerived	*	0
880 ALL	485910.44	3674837.57	0.000633467	108883	Toluene	0	30YrCancerDerived	*	0
881 ALL	485931.28	3674837.57	0.000649866	108883	Toluene	0	30YrCancerDerived	*	0
882 ALL	485952.12	3674837.57	0.000667892	108883	Toluene	0	30YrCancerDerived	*	0
883 ALL	485972.96	3674837.57	0.000702781	108883	Toluene	0	30YrCancerDerived	*	0
884 ALL	485993.8	3674837.57	0.000742013	108883	Toluene	0	30YrCancerDerived	*	0
885 ALL	486014.64	3674837.57	0.00076017	108883	Toluene	0	30YrCancerDerived	*	0
886 ALL	486035.48	3674837.57	0.000776506	108883	Toluene	0	30YrCancerDerived	*	0
887 ALL	486077.16	3674837.57	0.000833168	108883	Toluene	0	30YrCancerDerived	*	0
888 ALL	486098	3674837.57	0.000785828	108883	Toluene	0	30YrCancerDerived	*	0
889 ALL	486118.84	3674837.57	0.000718699	108883	Toluene	0	30YrCancerDerived	*	0
890 ALL	486139.68	3674837.57	0.000719452	108883	Toluene	0	30YrCancerDerived	*	0
891 ALL	486160.52	3674837.57	0.00071937	108883	Toluene	0	30YrCancerDerived	*	0
892 ALL	486181.36	3674837.57	0.000727686	108883	Toluene	0	30YrCancerDerived	*	0
893 ALL	486202.2	3674837.57	0.000784903	108883	Toluene	0	30YrCancerDerived	*	0
894 ALL	486223.04	3674837.57	0.000786775	108883	Toluene	0	30YrCancerDerived	*	0
895 ALL	486243.88	3674837.57	0.000705145	108883	Toluene	0	30YrCancerDerived	*	0
896 ALL	486264.72	3674837.57	0.0006433	108883	Toluene	0	30YrCancerDerived	*	0
897 ALL	486285.56	3674837.57	0.000611703	108883	Toluene	0	30YrCancerDerived	*	0
898 ALL	486306.4	3674837.57	0.000601779	108883	Toluene	0	30YrCancerDerived	*	0

899 ALL	485722.88	3674857.45	0.000419094	108883 Toluene	0 30YrCancerDerived	*	0
900 ALL	485743.72	3674857.45	0.000445378	108883 Toluene	0 30YrCancerDerived	*	0
901 ALL	485764.56	3674857.45	0.000469067	108883 Toluene	0 30YrCancerDerived	*	0
902 ALL	485785.4	3674857.45	0.000487579	108883 Toluene	0 30YrCancerDerived	*	0
903 ALL	485806.24	3674857.45	0.000503881	108883 Toluene	0 30YrCancerDerived	*	0
904 ALL	485827.08	3674857.45	0.000519952	108883 Toluene	0 30YrCancerDerived	*	0
905 ALL	485847.92	3674857.45	0.000538388	108883 Toluene	0 30YrCancerDerived	*	0
906 ALL	485868.76	3674857.45	0.000560479	108883 Toluene	0 30YrCancerDerived	*	0
907 ALL	485889.6	3674857.45	0.000585641	108883 Toluene	0 30YrCancerDerived	*	0
908 ALL	485910.44	3674857.45	0.000614203	108883 Toluene	0 30YrCancerDerived	*	0
909 ALL	485931.28	3674857.45	0.000633097	108883 Toluene	0 30YrCancerDerived	*	0
910 ALL	485952.12	3674857.45	0.000649095	108883 Toluene	0 30YrCancerDerived	*	0
911 ALL	485972.96	3674857.45	0.000681441	108883 Toluene	0 30YrCancerDerived	*	0
912 ALL	485993.8	3674857.45	0.000724437	108883 Toluene	0 30YrCancerDerived	*	0
913 ALL	486014.64	3674857.45	0.000749442	108883 Toluene	0 30YrCancerDerived	*	0
914 ALL	486035.48	3674857.45	0.000781824	108883 Toluene	0 30YrCancerDerived	*	0
915 ALL	486056.32	3674857.45	0.000820464	108883 Toluene	0 30YrCancerDerived	*	0
916 ALL	486077.16	3674857.45	0.000796627	108883 Toluene	0 30YrCancerDerived	*	0
917 ALL	486098	3674857.45	0.000682364	108883 Toluene	0 30YrCancerDerived	*	0
918 ALL	486118.84	3674857.45	0.000626793	108883 Toluene	0 30YrCancerDerived	*	0
919 ALL	486139.68	3674857.45	0.00063173	108883 Toluene	0 30YrCancerDerived	*	0
920 ALL	486160.52	3674857.45	0.000640353	108883 Toluene	0 30YrCancerDerived	*	0
921 ALL	486181.36	3674857.45	0.00064825	108883 Toluene	0 30YrCancerDerived	*	0
922 ALL	486202.2	3674857.45	0.000706499	108883 Toluene	0 30YrCancerDerived	*	0
923 ALL	486223.04	3674857.45	0.000745356	108883 Toluene	0 30YrCancerDerived	*	0
924 ALL	486243.88	3674857.45	0.000682746	108883 Toluene	0 30YrCancerDerived	*	0
925 ALL	486264.72	3674857.45	0.000634235	108883 Toluene	0 30YrCancerDerived	*	0
926 ALL	486285.56	3674857.45	0.000603795	108883 Toluene	0 30YrCancerDerived	*	0
927 ALL	486306.4	3674857.45	0.000585308	108883 Toluene	0 30YrCancerDerived	*	0
928 ALL	485722.88	3674877.33	0.000408091	108883 Toluene	0 30YrCancerDerived	*	0
929 ALL	485743.72	3674877.33	0.000415432	108883 Toluene	0 30YrCancerDerived	*	0
930 ALL	485764.56	3674877.33	0.00043182	108883 Toluene	0 30YrCancerDerived	*	0
931 ALL	485827.08	3674877.33	0.000503242	108883 Toluene	0 30YrCancerDerived	*	0
932 ALL	485847.92	3674877.33	0.00052215	108883 Toluene	0 30YrCancerDerived	*	0
933 ALL	485868.76	3674877.33	0.000543129	108883 Toluene	0 30YrCancerDerived	*	0

934 ALL	485889.6	3674877.33	0.000568308	108883 Toluene	0 30YrCancerDerived	*	0
935 ALL	485910.44	3674877.33	0.000592869	108883 Toluene	0 30YrCancerDerived	*	0
936 ALL	485931.28	3674877.33	0.000614908	108883 Toluene	0 30YrCancerDerived	*	0
937 ALL	485952.12	3674877.33	0.00063448	108883 Toluene	0 30YrCancerDerived	*	0
938 ALL	485972.96	3674877.33	0.000662034	108883 Toluene	0 30YrCancerDerived	*	0
939 ALL	485993.8	3674877.33	0.000663402	108883 Toluene	0 30YrCancerDerived	*	0
940 ALL	486014.64	3674877.33	0.000676294	108883 Toluene	0 30YrCancerDerived	*	0
941 ALL	486035.48	3674877.33	0.000732975	108883 Toluene	0 30YrCancerDerived	*	0
942 ALL	486056.32	3674877.33	0.000798246	108883 Toluene	0 30YrCancerDerived	*	0
943 ALL	486077.16	3674877.33	0.000747972	108883 Toluene	0 30YrCancerDerived	*	0
944 ALL	486098	3674877.33	0.000624457	108883 Toluene	0 30YrCancerDerived	*	0
945 ALL	486118.84	3674877.33	0.000581243	108883 Toluene	0 30YrCancerDerived	*	0
946 ALL	486139.68	3674877.33	0.000582612	108883 Toluene	0 30YrCancerDerived	*	0
947 ALL	486160.52	3674877.33	0.000593622	108883 Toluene	0 30YrCancerDerived	*	0
948 ALL	486181.36	3674877.33	0.000616137	108883 Toluene	0 30YrCancerDerived	*	0
949 ALL	486202.2	3674877.33	0.000654485	108883 Toluene	0 30YrCancerDerived	*	0
950 ALL	486223.04	3674877.33	0.000684405	108883 Toluene	0 30YrCancerDerived	*	0
951 ALL	486243.88	3674877.33	0.000654977	108883 Toluene	0 30YrCancerDerived	*	0
952 ALL	486264.72	3674877.33	0.000620307	108883 Toluene	0 30YrCancerDerived	*	0
953 ALL	486285.56	3674877.33	0.000598662	108883 Toluene	0 30YrCancerDerived	*	0
954 ALL	486306.4	3674877.33	0.00058452	108883 Toluene	0 30YrCancerDerived	*	0
955 ALL	485743.72	3674897.21	0.000394586	108883 Toluene	0 30YrCancerDerived	*	0
956 ALL	485847.92	3674897.21	0.00050383	108883 Toluene	0 30YrCancerDerived	*	0
957 ALL	485868.76	3674897.21	0.000527242	108883 Toluene	0 30YrCancerDerived	*	0
958 ALL	485889.6	3674897.21	0.000552646	108883 Toluene	0 30YrCancerDerived	*	0
959 ALL	485910.44	3674897.21	0.000578895	108883 Toluene	0 30YrCancerDerived	*	0
960 ALL	485931.28	3674897.21	0.00060064	108883 Toluene	0 30YrCancerDerived	*	0
961 ALL	485952.12	3674897.21	0.000623866	108883 Toluene	0 30YrCancerDerived	*	0
962 ALL	485972.96	3674897.21	0.00064446	108883 Toluene	0 30YrCancerDerived	*	0
963 ALL	485993.8	3674897.21	0.000624253	108883 Toluene	0 30YrCancerDerived	*	0
964 ALL	486014.64	3674897.21	0.000636289	108883 Toluene	0 30YrCancerDerived	*	0
965 ALL	486035.48	3674897.21	0.000689722	108883 Toluene	0 30YrCancerDerived	*	0
966 ALL	486056.32	3674897.21	0.000781423	108883 Toluene	0 30YrCancerDerived	*	0
967 ALL	486077.16	3674897.21	0.000720995	108883 Toluene	0 30YrCancerDerived	*	0
968 ALL	486098	3674897.21	0.000614703	108883 Toluene	0 30YrCancerDerived	*	0

969 ALL	486118.84	3674897.21	0.000574685	108883 Toluene	0 30YrCancerDerived	*	0
970 ALL	486139.68	3674897.21	0.000556135	108883 Toluene	0 30YrCancerDerived	*	0
971 ALL	486160.52	3674897.21	0.000562662	108883 Toluene	0 30YrCancerDerived	*	0
972 ALL	486181.36	3674897.21	0.000578521	108883 Toluene	0 30YrCancerDerived	*	0
973 ALL	486202.2	3674897.21	0.000618596	108883 Toluene	0 30YrCancerDerived	*	0
974 ALL	486223.04	3674897.21	0.000642304	108883 Toluene	0 30YrCancerDerived	*	0
975 ALL	486243.88	3674897.21	0.000641468	108883 Toluene	0 30YrCancerDerived	*	0
976 ALL	486264.72	3674897.21	0.000608186	108883 Toluene	0 30YrCancerDerived	*	0
977 ALL	486285.56	3674897.21	0.000588192	108883 Toluene	0 30YrCancerDerived	*	0
978 ALL	486306.4	3674897.21	0.000578781	108883 Toluene	0 30YrCancerDerived	*	0
979 ALL	486327.24	3674897.21	0.000578555	108883 Toluene	0 30YrCancerDerived	*	0
980 ALL	485847.92	3674917.09	0.000483131	108883 Toluene	0 30YrCancerDerived	*	0
981 ALL	485868.76	3674917.09	0.000509751	108883 Toluene	0 30YrCancerDerived	*	0
982 ALL	485889.6	3674917.09	0.000539701	108883 Toluene	0 30YrCancerDerived	*	0
983 ALL	485910.44	3674917.09	0.000568448	108883 Toluene	0 30YrCancerDerived	*	0
984 ALL	485931.28	3674917.09	0.000588543	108883 Toluene	0 30YrCancerDerived	*	0
985 ALL	485952.12	3674917.09	0.000605132	108883 Toluene	0 30YrCancerDerived	*	0
986 ALL	485972.96	3674917.09	0.000602258	108883 Toluene	0 30YrCancerDerived	*	0
987 ALL	485993.8	3674917.09	0.000591631	108883 Toluene	0 30YrCancerDerived	*	0
988 ALL	486014.64	3674917.09	0.000598493	108883 Toluene	0 30YrCancerDerived	*	0
989 ALL	486035.48	3674917.09	0.000660978	108883 Toluene	0 30YrCancerDerived	*	0
990 ALL	486056.32	3674917.09	0.000726718	108883 Toluene	0 30YrCancerDerived	*	0
991 ALL	486077.16	3674917.09	0.000708958	108883 Toluene	0 30YrCancerDerived	*	0
992 ALL	486098	3674917.09	0.000630999	108883 Toluene	0 30YrCancerDerived	*	0
993 ALL	486118.84	3674917.09	0.00058847	108883 Toluene	0 30YrCancerDerived	*	0
994 ALL	486139.68	3674917.09	0.000558508	108883 Toluene	0 30YrCancerDerived	*	0
995 ALL	486160.52	3674917.09	0.000547066	108883 Toluene	0 30YrCancerDerived	*	0
996 ALL	486181.36	3674917.09	0.000546603	108883 Toluene	0 30YrCancerDerived	*	0
997 ALL	486202.2	3674917.09	0.000579425	108883 Toluene	0 30YrCancerDerived	*	0
998 ALL	486223.04	3674917.09	0.000612469	108883 Toluene	0 30YrCancerDerived	*	0
999 ALL	486243.88	3674917.09	0.000624567	108883 Toluene	0 30YrCancerDerived	*	0
1000 ALL	486264.72	3674917.09	0.000607927	108883 Toluene	0 30YrCancerDerived	*	0
1001 ALL	486285.56	3674917.09	0.000595355	108883 Toluene	0 30YrCancerDerived	*	0
1002 ALL	486306.4	3674917.09	0.000585811	108883 Toluene	0 30YrCancerDerived	*	0
1003 ALL	486327.24	3674917.09	0.000581342	108883 Toluene	0 30YrCancerDerived	*	0

1004 ALL	485868.76	3674936.97	0.000493651	108883 Toluene	0 30YrCancerDerived	*	0
1005 ALL	485889.6	3674936.97	0.000525798	108883 Toluene	0 30YrCancerDerived	*	0
1006 ALL	485910.44	3674936.97	0.000554736	108883 Toluene	0 30YrCancerDerived	*	0
1007 ALL	485931.28	3674936.97	0.000575277	108883 Toluene	0 30YrCancerDerived	*	0
1008 ALL	485952.12	3674936.97	0.000589554	108883 Toluene	0 30YrCancerDerived	*	0
1009 ALL	485972.96	3674936.97	0.000584347	108883 Toluene	0 30YrCancerDerived	*	0
1010 ALL	485993.8	3674936.97	0.00057953	108883 Toluene	0 30YrCancerDerived	*	0
1011 ALL	486014.64	3674936.97	0.000579342	108883 Toluene	0 30YrCancerDerived	*	0
1012 ALL	486035.48	3674936.97	0.000624854	108883 Toluene	0 30YrCancerDerived	*	0
1013 ALL	486056.32	3674936.97	0.000680768	108883 Toluene	0 30YrCancerDerived	*	0
1014 ALL	486077.16	3674936.97	0.000672602	108883 Toluene	0 30YrCancerDerived	*	0
1015 ALL	486098	3674936.97	0.000634984	108883 Toluene	0 30YrCancerDerived	*	0
1016 ALL	486118.84	3674936.97	0.000597531	108883 Toluene	0 30YrCancerDerived	*	0
1017 ALL	486139.68	3674936.97	0.000565523	108883 Toluene	0 30YrCancerDerived	*	0
1018 ALL	486160.52	3674936.97	0.000550458	108883 Toluene	0 30YrCancerDerived	*	0
1019 ALL	486181.36	3674936.97	0.00054518	108883 Toluene	0 30YrCancerDerived	*	0
1020 ALL	486202.2	3674936.97	0.000555624	108883 Toluene	0 30YrCancerDerived	*	0
1021 ALL	486223.04	3674936.97	0.000587523	108883 Toluene	0 30YrCancerDerived	*	0
1022 ALL	486243.88	3674936.97	0.000606952	108883 Toluene	0 30YrCancerDerived	*	0
1023 ALL	486264.72	3674936.97	0.000610217	108883 Toluene	0 30YrCancerDerived	*	0
1024 ALL	486285.56	3674936.97	0.000602448	108883 Toluene	0 30YrCancerDerived	*	0
1025 ALL	486306.4	3674936.97	0.000598077	108883 Toluene	0 30YrCancerDerived	*	0
1026 ALL	486327.24	3674936.97	0.000589243	108883 Toluene	0 30YrCancerDerived	*	0
1027 ALL	486348.08	3674936.97	0.000586807	108883 Toluene	0 30YrCancerDerived	*	0
1028 ALL	485889.6	3674956.85	0.00051601	108883 Toluene	0 30YrCancerDerived	*	0
1029 ALL	485910.44	3674956.85	0.000542289	108883 Toluene	0 30YrCancerDerived	*	0
1030 ALL	485931.28	3674956.85	0.000562995	108883 Toluene	0 30YrCancerDerived	*	0
1031 ALL	485952.12	3674956.85	0.000580234	108883 Toluene	0 30YrCancerDerived	*	0
1032 ALL	485972.96	3674956.85	0.000582007	108883 Toluene	0 30YrCancerDerived	*	0
1033 ALL	485993.8	3674956.85	0.000573612	108883 Toluene	0 30YrCancerDerived	*	0
1034 ALL	486014.64	3674956.85	0.000569035	108883 Toluene	0 30YrCancerDerived	*	0
1035 ALL	486035.48	3674956.85	0.000599615	108883 Toluene	0 30YrCancerDerived	*	0
1036 ALL	486056.32	3674956.85	0.000646231	108883 Toluene	0 30YrCancerDerived	*	0
1037 ALL	486077.16	3674956.85	0.000649313	108883 Toluene	0 30YrCancerDerived	*	0
1038 ALL	486098	3674956.85	0.00061729	108883 Toluene	0 30YrCancerDerived	*	0

1039	ALL	486118.84	3674956.85	0.000596501	108883	Toluene	0	30YrCancerDerived	*	0
1040	ALL	486139.68	3674956.85	0.000576343	108883	Toluene	0	30YrCancerDerived	*	0
1041	ALL	486160.52	3674956.85	0.000560809	108883	Toluene	0	30YrCancerDerived	*	0
1042	ALL	486181.36	3674956.85	0.000550994	108883	Toluene	0	30YrCancerDerived	*	0
1043	ALL	486202.2	3674956.85	0.000551333	108883	Toluene	0	30YrCancerDerived	*	0
1044	ALL	486223.04	3674956.85	0.000569199	108883	Toluene	0	30YrCancerDerived	*	0
1045	ALL	486243.88	3674956.85	0.000591077	108883	Toluene	0	30YrCancerDerived	*	0
1046	ALL	486264.72	3674956.85	0.000596659	108883	Toluene	0	30YrCancerDerived	*	0
1047	ALL	486285.56	3674956.85	0.000597875	108883	Toluene	0	30YrCancerDerived	*	0
1048	ALL	486306.4	3674956.85	0.000596972	108883	Toluene	0	30YrCancerDerived	*	0
1049	ALL	486327.24	3674956.85	0.000595465	108883	Toluene	0	30YrCancerDerived	*	0
1050	ALL	486348.08	3674956.85	0.000600147	108883	Toluene	0	30YrCancerDerived	*	0
1051	ALL	486368.92	3674956.85	0.000613583	108883	Toluene	0	30YrCancerDerived	*	0
1052	ALL	485889.6	3674976.73	0.000515677	108883	Toluene	0	30YrCancerDerived	*	0
1053	ALL	485910.44	3674976.73	0.000540955	108883	Toluene	0	30YrCancerDerived	*	0
1054	ALL	485931.28	3674976.73	0.000560648	108883	Toluene	0	30YrCancerDerived	*	0
1055	ALL	485952.12	3674976.73	0.000598537	108883	Toluene	0	30YrCancerDerived	*	0
1056	ALL	485972.96	3674976.73	0.000593403	108883	Toluene	0	30YrCancerDerived	*	0
1057	ALL	485993.8	3674976.73	0.000572032	108883	Toluene	0	30YrCancerDerived	*	0
1058	ALL	486014.64	3674976.73	0.000563733	108883	Toluene	0	30YrCancerDerived	*	0
1059	ALL	486035.48	3674976.73	0.000586815	108883	Toluene	0	30YrCancerDerived	*	0
1060	ALL	486056.32	3674976.73	0.00062285	108883	Toluene	0	30YrCancerDerived	*	0
1061	ALL	486077.16	3674976.73	0.000639344	108883	Toluene	0	30YrCancerDerived	*	0
1062	ALL	486098	3674976.73	0.000629446	108883	Toluene	0	30YrCancerDerived	*	0
1063	ALL	486118.84	3674976.73	0.000622104	108883	Toluene	0	30YrCancerDerived	*	0
1064	ALL	486139.68	3674976.73	0.000598738	108883	Toluene	0	30YrCancerDerived	*	0
1065	ALL	486160.52	3674976.73	0.000571	108883	Toluene	0	30YrCancerDerived	*	0
1066	ALL	486181.36	3674976.73	0.000554144	108883	Toluene	0	30YrCancerDerived	*	0
1067	ALL	486202.2	3674976.73	0.000550995	108883	Toluene	0	30YrCancerDerived	*	0
1068	ALL	486223.04	3674976.73	0.000563221	108883	Toluene	0	30YrCancerDerived	*	0
1069	ALL	486243.88	3674976.73	0.000580316	108883	Toluene	0	30YrCancerDerived	*	0
1070	ALL	486264.72	3674976.73	0.000585152	108883	Toluene	0	30YrCancerDerived	*	0
1071	ALL	486285.56	3674976.73	0.000591109	108883	Toluene	0	30YrCancerDerived	*	0
1072	ALL	486306.4	3674976.73	0.000598653	108883	Toluene	0	30YrCancerDerived	*	0
1073	ALL	486327.24	3674976.73	0.000613543	108883	Toluene	0	30YrCancerDerived	*	0

1074 ALL	486348.08	3674976.73	0.000622559	108883 Toluene	0 30YrCancerDerived	*	0
1075 ALL	486368.92	3674976.73	0.00063334	108883 Toluene	0 30YrCancerDerived	*	0
1076 ALL	486389.76	3674976.73	0.000652575	108883 Toluene	0 30YrCancerDerived	*	0
1077 ALL	486410.6	3674976.73	0.000677309	108883 Toluene	0 30YrCancerDerived	*	0
1078 ALL	486431.44	3674976.73	0.000695931	108883 Toluene	0 30YrCancerDerived	*	0
1079 ALL	485889.6	3674996.61	0.000511792	108883 Toluene	0 30YrCancerDerived	*	0
1080 ALL	485910.44	3674996.61	0.000563231	108883 Toluene	0 30YrCancerDerived	*	0
1081 ALL	485931.28	3674996.61	0.000596443	108883 Toluene	0 30YrCancerDerived	*	0
1082 ALL	485952.12	3674996.61	0.000642573	108883 Toluene	0 30YrCancerDerived	*	0
1083 ALL	485972.96	3674996.61	0.000595569	108883 Toluene	0 30YrCancerDerived	*	0
1084 ALL	485993.8	3674996.61	0.000564018	108883 Toluene	0 30YrCancerDerived	*	0
1085 ALL	486014.64	3674996.61	0.000551337	108883 Toluene	0 30YrCancerDerived	*	0
1086 ALL	486035.48	3674996.61	0.000564995	108883 Toluene	0 30YrCancerDerived	*	0
1087 ALL	486056.32	3674996.61	0.000601899	108883 Toluene	0 30YrCancerDerived	*	0
1088 ALL	486077.16	3674996.61	0.000618526	108883 Toluene	0 30YrCancerDerived	*	0
1089 ALL	486098	3674996.61	0.000634453	108883 Toluene	0 30YrCancerDerived	*	0
1090 ALL	486118.84	3674996.61	0.000636018	108883 Toluene	0 30YrCancerDerived	*	0
1091 ALL	486139.68	3674996.61	0.000604156	108883 Toluene	0 30YrCancerDerived	*	0
1092 ALL	486160.52	3674996.61	0.0005768	108883 Toluene	0 30YrCancerDerived	*	0
1093 ALL	486181.36	3674996.61	0.000562853	108883 Toluene	0 30YrCancerDerived	*	0
1094 ALL	486202.2	3674996.61	0.000555652	108883 Toluene	0 30YrCancerDerived	*	0
1095 ALL	486223.04	3674996.61	0.000564038	108883 Toluene	0 30YrCancerDerived	*	0
1096 ALL	486243.88	3674996.61	0.000576367	108883 Toluene	0 30YrCancerDerived	*	0
1097 ALL	486264.72	3674996.61	0.000581534	108883 Toluene	0 30YrCancerDerived	*	0
1098 ALL	486285.56	3674996.61	0.000583406	108883 Toluene	0 30YrCancerDerived	*	0
1099 ALL	486306.4	3674996.61	0.000599644	108883 Toluene	0 30YrCancerDerived	*	0
1100 ALL	486327.24	3674996.61	0.000620415	108883 Toluene	0 30YrCancerDerived	*	0
1101 ALL	486348.08	3674996.61	0.000643353	108883 Toluene	0 30YrCancerDerived	*	0
1102 ALL	486368.92	3674996.61	0.000658255	108883 Toluene	0 30YrCancerDerived	*	0
1103 ALL	486389.76	3674996.61	0.000670298	108883 Toluene	0 30YrCancerDerived	*	0
1104 ALL	486410.6	3674996.61	0.000705185	108883 Toluene	0 30YrCancerDerived	*	0
1105 ALL	486431.44	3674996.61	0.000740823	108883 Toluene	0 30YrCancerDerived	*	0
1106 ALL	486452.28	3674996.61	0.000783523	108883 Toluene	0 30YrCancerDerived	*	0
1107 ALL	486473.12	3674996.61	0.000805319	108883 Toluene	0 30YrCancerDerived	*	0
1108 ALL	486493.96	3674996.61	0.000814227	108883 Toluene	0 30YrCancerDerived	*	0

1109 ALL	486514.8	3674996.61	0.000828085	108883 Toluene	0 30YrCancerDerived	*	0
1110 ALL	485889.6	3675016.49	0.000500915	108883 Toluene	0 30YrCancerDerived	*	0
1111 ALL	485910.44	3675016.49	0.000569648	108883 Toluene	0 30YrCancerDerived	*	0
1112 ALL	485931.28	3675016.49	0.000619257	108883 Toluene	0 30YrCancerDerived	*	0
1113 ALL	485952.12	3675016.49	0.000661576	108883 Toluene	0 30YrCancerDerived	*	0
1114 ALL	485972.96	3675016.49	0.000602204	108883 Toluene	0 30YrCancerDerived	*	0
1115 ALL	485993.8	3675016.49	0.00056064	108883 Toluene	0 30YrCancerDerived	*	0
1116 ALL	486014.64	3675016.49	0.000542936	108883 Toluene	0 30YrCancerDerived	*	0
1117 ALL	486035.48	3675016.49	0.000543422	108883 Toluene	0 30YrCancerDerived	*	0
1118 ALL	486056.32	3675016.49	0.000560656	108883 Toluene	0 30YrCancerDerived	*	0
1119 ALL	486077.16	3675016.49	0.000586519	108883 Toluene	0 30YrCancerDerived	*	0
1120 ALL	486098	3675016.49	0.000610368	108883 Toluene	0 30YrCancerDerived	*	0
1121 ALL	486118.84	3675016.49	0.000603786	108883 Toluene	0 30YrCancerDerived	*	0
1122 ALL	486139.68	3675016.49	0.000597262	108883 Toluene	0 30YrCancerDerived	*	0
1123 ALL	486160.52	3675016.49	0.000592951	108883 Toluene	0 30YrCancerDerived	*	0
1124 ALL	486181.36	3675016.49	0.000576394	108883 Toluene	0 30YrCancerDerived	*	0
1125 ALL	486202.2	3675016.49	0.000573291	108883 Toluene	0 30YrCancerDerived	*	0
1126 ALL	486223.04	3675016.49	0.000569709	108883 Toluene	0 30YrCancerDerived	*	0
1127 ALL	486243.88	3675016.49	0.000573495	108883 Toluene	0 30YrCancerDerived	*	0
1128 ALL	486264.72	3675016.49	0.000577315	108883 Toluene	0 30YrCancerDerived	*	0
1129 ALL	486285.56	3675016.49	0.000577699	108883 Toluene	0 30YrCancerDerived	*	0
1130 ALL	486306.4	3675016.49	0.000588739	108883 Toluene	0 30YrCancerDerived	*	0
1131 ALL	486327.24	3675016.49	0.000616328	108883 Toluene	0 30YrCancerDerived	*	0
1132 ALL	486348.08	3675016.49	0.000652774	108883 Toluene	0 30YrCancerDerived	*	0
1133 ALL	486368.92	3675016.49	0.000696863	108883 Toluene	0 30YrCancerDerived	*	0
1134 ALL	486389.76	3675016.49	0.000715879	108883 Toluene	0 30YrCancerDerived	*	0
1135 ALL	486410.6	3675016.49	0.000742149	108883 Toluene	0 30YrCancerDerived	*	0
1136 ALL	486431.44	3675016.49	0.00080714	108883 Toluene	0 30YrCancerDerived	*	0
1137 ALL	486452.28	3675016.49	0.000878266	108883 Toluene	0 30YrCancerDerived	*	0
1138 ALL	486473.12	3675016.49	0.000918377	108883 Toluene	0 30YrCancerDerived	*	0
1139 ALL	486493.96	3675016.49	0.000943348	108883 Toluene	0 30YrCancerDerived	*	0
1140 ALL	486514.8	3675016.49	0.000970626	108883 Toluene	0 30YrCancerDerived	*	0
1141 ALL	485889.6	3675036.37	0.000498537	108883 Toluene	0 30YrCancerDerived	*	0
1142 ALL	485910.44	3675036.37	0.000568153	108883 Toluene	0 30YrCancerDerived	*	0
1143 ALL	485931.28	3675036.37	0.000621682	108883 Toluene	0 30YrCancerDerived	*	0

1144 ALL	485952.12	3675036.37	0.00072526	108883 Toluene	0 30YrCancerDerived	*	0
1145 ALL	485972.96	3675036.37	0.000637406	108883 Toluene	0 30YrCancerDerived	*	0
1146 ALL	485993.8	3675036.37	0.000570332	108883 Toluene	0 30YrCancerDerived	*	0
1147 ALL	486014.64	3675036.37	0.000552829	108883 Toluene	0 30YrCancerDerived	*	0
1148 ALL	486035.48	3675036.37	0.000541929	108883 Toluene	0 30YrCancerDerived	*	0
1149 ALL	486056.32	3675036.37	0.000546324	108883 Toluene	0 30YrCancerDerived	*	0
1150 ALL	486077.16	3675036.37	0.000561697	108883 Toluene	0 30YrCancerDerived	*	0
1151 ALL	486098	3675036.37	0.000577767	108883 Toluene	0 30YrCancerDerived	*	0
1152 ALL	486118.84	3675036.37	0.000580676	108883 Toluene	0 30YrCancerDerived	*	0
1153 ALL	486139.68	3675036.37	0.000572998	108883 Toluene	0 30YrCancerDerived	*	0
1154 ALL	486160.52	3675036.37	0.000578745	108883 Toluene	0 30YrCancerDerived	*	0
1155 ALL	486181.36	3675036.37	0.000576422	108883 Toluene	0 30YrCancerDerived	*	0
1156 ALL	486202.2	3675036.37	0.000568228	108883 Toluene	0 30YrCancerDerived	*	0
1157 ALL	486223.04	3675036.37	0.000564107	108883 Toluene	0 30YrCancerDerived	*	0
1158 ALL	486243.88	3675036.37	0.000570771	108883 Toluene	0 30YrCancerDerived	*	0
1159 ALL	486264.72	3675036.37	0.000580358	108883 Toluene	0 30YrCancerDerived	*	0
1160 ALL	486285.56	3675036.37	0.000586579	108883 Toluene	0 30YrCancerDerived	*	0
1161 ALL	486306.4	3675036.37	0.000596707	108883 Toluene	0 30YrCancerDerived	*	0
1162 ALL	486327.24	3675036.37	0.000624033	108883 Toluene	0 30YrCancerDerived	*	0
1163 ALL	486348.08	3675036.37	0.000667887	108883 Toluene	0 30YrCancerDerived	*	0
1164 ALL	486368.92	3675036.37	0.000737438	108883 Toluene	0 30YrCancerDerived	*	0
1165 ALL	486389.76	3675036.37	0.000803527	108883 Toluene	0 30YrCancerDerived	*	0
1166 ALL	486410.6	3675036.37	0.000838445	108883 Toluene	0 30YrCancerDerived	*	0
1167 ALL	486431.44	3675036.37	0.00091778	108883 Toluene	0 30YrCancerDerived	*	0
1168 ALL	486452.28	3675036.37	0.000980607	108883 Toluene	0 30YrCancerDerived	*	0
1169 ALL	486473.12	3675036.37	0.001024118	108883 Toluene	0 30YrCancerDerived	*	0
1170 ALL	486493.96	3675036.37	0.001082764	108883 Toluene	0 30YrCancerDerived	*	0
1171 ALL	486514.8	3675036.37	0.001132869	108883 Toluene	0 30YrCancerDerived	*	0
1172 ALL	485889.6	3675056.25	0.000503934	108883 Toluene	0 30YrCancerDerived	*	0
1173 ALL	485910.44	3675056.25	0.000576048	108883 Toluene	0 30YrCancerDerived	*	0
1174 ALL	485931.28	3675056.25	0.000671188	108883 Toluene	0 30YrCancerDerived	*	0
1175 ALL	485952.12	3675056.25	0.000765078	108883 Toluene	0 30YrCancerDerived	*	0
1176 ALL	485972.96	3675056.25	0.000703713	108883 Toluene	0 30YrCancerDerived	*	0
1177 ALL	485993.8	3675056.25	0.000609741	108883 Toluene	0 30YrCancerDerived	*	0
1178 ALL	486014.64	3675056.25	0.000578408	108883 Toluene	0 30YrCancerDerived	*	0

1179 ALL	486035.48	3675056.25	0.000551659	108883 Toluene	0 30YrCancerDerived	*	0
1180 ALL	486056.32	3675056.25	0.000549532	108883 Toluene	0 30YrCancerDerived	*	0
1181 ALL	486077.16	3675056.25	0.000545433	108883 Toluene	0 30YrCancerDerived	*	0
1182 ALL	486098	3675056.25	0.000549446	108883 Toluene	0 30YrCancerDerived	*	0
1183 ALL	486118.84	3675056.25	0.000556334	108883 Toluene	0 30YrCancerDerived	*	0
1184 ALL	486139.68	3675056.25	0.000550795	108883 Toluene	0 30YrCancerDerived	*	0
1185 ALL	486160.52	3675056.25	0.000550663	108883 Toluene	0 30YrCancerDerived	*	0
1186 ALL	486181.36	3675056.25	0.00056074	108883 Toluene	0 30YrCancerDerived	*	0
1187 ALL	486202.2	3675056.25	0.000554597	108883 Toluene	0 30YrCancerDerived	*	0
1188 ALL	486223.04	3675056.25	0.000556492	108883 Toluene	0 30YrCancerDerived	*	0
1189 ALL	486243.88	3675056.25	0.000570684	108883 Toluene	0 30YrCancerDerived	*	0
1190 ALL	486264.72	3675056.25	0.000588965	108883 Toluene	0 30YrCancerDerived	*	0
1191 ALL	486285.56	3675056.25	0.000606007	108883 Toluene	0 30YrCancerDerived	*	0
1192 ALL	486306.4	3675056.25	0.000623093	108883 Toluene	0 30YrCancerDerived	*	0
1193 ALL	486327.24	3675056.25	0.000650934	108883 Toluene	0 30YrCancerDerived	*	0
1194 ALL	486348.08	3675056.25	0.000713654	108883 Toluene	0 30YrCancerDerived	*	0
1195 ALL	486368.92	3675056.25	0.000791458	108883 Toluene	0 30YrCancerDerived	*	0
1196 ALL	486389.76	3675056.25	0.000840378	108883 Toluene	0 30YrCancerDerived	*	0
1197 ALL	486410.6	3675056.25	0.000868571	108883 Toluene	0 30YrCancerDerived	*	0
1198 ALL	486431.44	3675056.25	0.000923383	108883 Toluene	0 30YrCancerDerived	*	0
1199 ALL	486452.28	3675056.25	0.000970636	108883 Toluene	0 30YrCancerDerived	*	0
1200 ALL	486473.12	3675056.25	0.001021181	108883 Toluene	0 30YrCancerDerived	*	0
1201 ALL	486493.96	3675056.25	0.001110683	108883 Toluene	0 30YrCancerDerived	*	0
1202 ALL	486514.8	3675056.25	0.001211206	108883 Toluene	0 30YrCancerDerived	*	0
1203 ALL	485889.6	3675076.13	0.000513156	108883 Toluene	0 30YrCancerDerived	*	0
1204 ALL	485910.44	3675076.13	0.000578739	108883 Toluene	0 30YrCancerDerived	*	0
1205 ALL	485931.28	3675076.13	0.00069011	108883 Toluene	0 30YrCancerDerived	*	0
1206 ALL	485952.12	3675076.13	0.000803903	108883 Toluene	0 30YrCancerDerived	*	0
1207 ALL	485972.96	3675076.13	0.00068986	108883 Toluene	0 30YrCancerDerived	*	0
1208 ALL	485993.8	3675076.13	0.000589764	108883 Toluene	0 30YrCancerDerived	*	0
1209 ALL	486014.64	3675076.13	0.000565132	108883 Toluene	0 30YrCancerDerived	*	0
1210 ALL	486035.48	3675076.13	0.000560033	108883 Toluene	0 30YrCancerDerived	*	0
1211 ALL	486056.32	3675076.13	0.000553544	108883 Toluene	0 30YrCancerDerived	*	0
1212 ALL	486077.16	3675076.13	0.000545305	108883 Toluene	0 30YrCancerDerived	*	0
1213 ALL	486098	3675076.13	0.000531332	108883 Toluene	0 30YrCancerDerived	*	0

1214 ALL	486118.84	3675076.13	0.000530791	108883 Toluene	0 30YrCancerDerived	*	0
1215 ALL	486139.68	3675076.13	0.000529976	108883 Toluene	0 30YrCancerDerived	*	0
1216 ALL	486160.52	3675076.13	0.000524622	108883 Toluene	0 30YrCancerDerived	*	0
1217 ALL	486181.36	3675076.13	0.000531685	108883 Toluene	0 30YrCancerDerived	*	0
1218 ALL	486202.2	3675076.13	0.000541582	108883 Toluene	0 30YrCancerDerived	*	0
1219 ALL	486223.04	3675076.13	0.000551897	108883 Toluene	0 30YrCancerDerived	*	0
1220 ALL	486243.88	3675076.13	0.000571936	108883 Toluene	0 30YrCancerDerived	*	0
1221 ALL	486264.72	3675076.13	0.000596244	108883 Toluene	0 30YrCancerDerived	*	0
1222 ALL	486285.56	3675076.13	0.000625674	108883 Toluene	0 30YrCancerDerived	*	0
1223 ALL	486306.4	3675076.13	0.00066067	108883 Toluene	0 30YrCancerDerived	*	0
1224 ALL	486327.24	3675076.13	0.000696054	108883 Toluene	0 30YrCancerDerived	*	0
1225 ALL	486348.08	3675076.13	0.000741928	108883 Toluene	0 30YrCancerDerived	*	0
1226 ALL	486368.92	3675076.13	0.00075726	108883 Toluene	0 30YrCancerDerived	*	0
1227 ALL	486389.76	3675076.13	0.000776321	108883 Toluene	0 30YrCancerDerived	*	0
1228 ALL	486410.6	3675076.13	0.000799984	108883 Toluene	0 30YrCancerDerived	*	0
1229 ALL	486431.44	3675076.13	0.000832966	108883 Toluene	0 30YrCancerDerived	*	0
1230 ALL	486452.28	3675076.13	0.000873687	108883 Toluene	0 30YrCancerDerived	*	0
1231 ALL	486473.12	3675076.13	0.000921013	108883 Toluene	0 30YrCancerDerived	*	0
1232 ALL	486493.96	3675076.13	0.00098448	108883 Toluene	0 30YrCancerDerived	*	0
1233 ALL	486514.8	3675076.13	0.001068222	108883 Toluene	0 30YrCancerDerived	*	0
1234 ALL	485889.6	3675096.01	0.000511449	108883 Toluene	0 30YrCancerDerived	*	0
1235 ALL	485910.44	3675096.01	0.000588231	108883 Toluene	0 30YrCancerDerived	*	0
1236 ALL	485931.28	3675096.01	0.000737509	108883 Toluene	0 30YrCancerDerived	*	0
1237 ALL	485952.12	3675096.01	0.000895992	108883 Toluene	0 30YrCancerDerived	*	0
1238 ALL	485972.96	3675096.01	0.000734099	108883 Toluene	0 30YrCancerDerived	*	0
1239 ALL	485993.8	3675096.01	0.000600684	108883 Toluene	0 30YrCancerDerived	*	0
1240 ALL	486014.64	3675096.01	0.000568057	108883 Toluene	0 30YrCancerDerived	*	0
1241 ALL	486035.48	3675096.01	0.000572633	108883 Toluene	0 30YrCancerDerived	*	0
1242 ALL	486056.32	3675096.01	0.000579263	108883 Toluene	0 30YrCancerDerived	*	0
1243 ALL	486077.16	3675096.01	0.000577248	108883 Toluene	0 30YrCancerDerived	*	0
1244 ALL	486098	3675096.01	0.000550693	108883 Toluene	0 30YrCancerDerived	*	0
1245 ALL	486118.84	3675096.01	0.000521146	108883 Toluene	0 30YrCancerDerived	*	0
1246 ALL	486139.68	3675096.01	0.000512732	108883 Toluene	0 30YrCancerDerived	*	0
1247 ALL	486160.52	3675096.01	0.000509632	108883 Toluene	0 30YrCancerDerived	*	0
1248 ALL	486181.36	3675096.01	0.000516924	108883 Toluene	0 30YrCancerDerived	*	0

1249	ALL	486202.2	3675096.01	0.000529417	108883	Toluene	0	30YrCancerDerived	*	0
1250	ALL	486223.04	3675096.01	0.000549151	108883	Toluene	0	30YrCancerDerived	*	0
1251	ALL	486243.88	3675096.01	0.000574728	108883	Toluene	0	30YrCancerDerived	*	0
1252	ALL	486264.72	3675096.01	0.000604849	108883	Toluene	0	30YrCancerDerived	*	0
1253	ALL	486285.56	3675096.01	0.000640568	108883	Toluene	0	30YrCancerDerived	*	0
1254	ALL	486306.4	3675096.01	0.000679084	108883	Toluene	0	30YrCancerDerived	*	0
1255	ALL	486327.24	3675096.01	0.000688104	108883	Toluene	0	30YrCancerDerived	*	0
1256	ALL	486348.08	3675096.01	0.000689645	108883	Toluene	0	30YrCancerDerived	*	0
1257	ALL	486368.92	3675096.01	0.000695556	108883	Toluene	0	30YrCancerDerived	*	0
1258	ALL	486389.76	3675096.01	0.000707685	108883	Toluene	0	30YrCancerDerived	*	0
1259	ALL	486410.6	3675096.01	0.000722515	108883	Toluene	0	30YrCancerDerived	*	0
1260	ALL	486431.44	3675096.01	0.000742968	108883	Toluene	0	30YrCancerDerived	*	0
1261	ALL	486452.28	3675096.01	0.000778051	108883	Toluene	0	30YrCancerDerived	*	0
1262	ALL	486473.12	3675096.01	0.000818265	108883	Toluene	0	30YrCancerDerived	*	0
1263	ALL	486493.96	3675096.01	0.000868188	108883	Toluene	0	30YrCancerDerived	*	0
1264	ALL	486514.8	3675096.01	0.000937846	108883	Toluene	0	30YrCancerDerived	*	0
1265	ALL	485889.6	3675115.89	0.00053032	108883	Toluene	0	30YrCancerDerived	*	0
1266	ALL	485910.44	3675115.89	0.000590479	108883	Toluene	0	30YrCancerDerived	*	0
1267	ALL	485931.28	3675115.89	0.000724017	108883	Toluene	0	30YrCancerDerived	*	0
1268	ALL	485952.12	3675115.89	0.00101213	108883	Toluene	0	30YrCancerDerived	*	0
1269	ALL	485972.96	3675115.89	0.000927938	108883	Toluene	0	30YrCancerDerived	*	0
1270	ALL	485993.8	3675115.89	0.00072743	108883	Toluene	0	30YrCancerDerived	*	0
1271	ALL	486014.64	3675115.89	0.000655708	108883	Toluene	0	30YrCancerDerived	*	0
1272	ALL	486035.48	3675115.89	0.000636183	108883	Toluene	0	30YrCancerDerived	*	0
1273	ALL	486056.32	3675115.89	0.000634544	108883	Toluene	0	30YrCancerDerived	*	0
1274	ALL	486077.16	3675115.89	0.000616651	108883	Toluene	0	30YrCancerDerived	*	0
1275	ALL	486098	3675115.89	0.000572761	108883	Toluene	0	30YrCancerDerived	*	0
1276	ALL	486118.84	3675115.89	0.000532764	108883	Toluene	0	30YrCancerDerived	*	0
1277	ALL	486139.68	3675115.89	0.000513934	108883	Toluene	0	30YrCancerDerived	*	0
1278	ALL	486160.52	3675115.89	0.000509854	108883	Toluene	0	30YrCancerDerived	*	0
1279	ALL	486181.36	3675115.89	0.000513067	108883	Toluene	0	30YrCancerDerived	*	0
1280	ALL	486202.2	3675115.89	0.000526129	108883	Toluene	0	30YrCancerDerived	*	0
1281	ALL	486223.04	3675115.89	0.000554139	108883	Toluene	0	30YrCancerDerived	*	0
1282	ALL	486243.88	3675115.89	0.000579961	108883	Toluene	0	30YrCancerDerived	*	0
1283	ALL	486264.72	3675115.89	0.000604103	108883	Toluene	0	30YrCancerDerived	*	0

1284 ALL	486285.56	3675115.89	0.000619162	108883 Toluene	0 30YrCancerDerived	*	0
1285 ALL	486306.4	3675115.89	0.000641257	108883 Toluene	0 30YrCancerDerived	*	0
1286 ALL	486327.24	3675115.89	0.000647368	108883 Toluene	0 30YrCancerDerived	*	0
1287 ALL	486348.08	3675115.89	0.000644565	108883 Toluene	0 30YrCancerDerived	*	0
1288 ALL	486368.92	3675115.89	0.00064234	108883 Toluene	0 30YrCancerDerived	*	0
1289 ALL	486389.76	3675115.89	0.000648306	108883 Toluene	0 30YrCancerDerived	*	0
1290 ALL	486410.6	3675115.89	0.00065898	108883 Toluene	0 30YrCancerDerived	*	0
1291 ALL	486431.44	3675115.89	0.000681479	108883 Toluene	0 30YrCancerDerived	*	0
1292 ALL	486452.28	3675115.89	0.000711242	108883 Toluene	0 30YrCancerDerived	*	0
1293 ALL	486473.12	3675115.89	0.000747033	108883 Toluene	0 30YrCancerDerived	*	0
1294 ALL	486493.96	3675115.89	0.000799733	108883 Toluene	0 30YrCancerDerived	*	0
1295 ALL	486514.8	3675115.89	0.000865982	108883 Toluene	0 30YrCancerDerived	*	0
1296 ALL	485889.6	3675135.77	0.000520981	108883 Toluene	0 30YrCancerDerived	*	0
1297 ALL	485910.44	3675135.77	0.000632923	108883 Toluene	0 30YrCancerDerived	*	0
1298 ALL	485931.28	3675135.77	0.000779639	108883 Toluene	0 30YrCancerDerived	*	0
1299 ALL	485952.12	3675135.77	0.001007712	108883 Toluene	0 30YrCancerDerived	*	0
1300 ALL	485972.96	3675135.77	0.001351436	108883 Toluene	0 30YrCancerDerived	*	0
1301 ALL	485993.8	3675135.77	0.001074431	108883 Toluene	0 30YrCancerDerived	*	0
1302 ALL	486014.64	3675135.77	0.000890312	108883 Toluene	0 30YrCancerDerived	*	0
1303 ALL	486035.48	3675135.77	0.000762591	108883 Toluene	0 30YrCancerDerived	*	0
1304 ALL	486056.32	3675135.77	0.000672452	108883 Toluene	0 30YrCancerDerived	*	0
1305 ALL	486077.16	3675135.77	0.000616134	108883 Toluene	0 30YrCancerDerived	*	0
1306 ALL	486098	3675135.77	0.000561366	108883 Toluene	0 30YrCancerDerived	*	0
1307 ALL	486118.84	3675135.77	0.000522632	108883 Toluene	0 30YrCancerDerived	*	0
1308 ALL	486139.68	3675135.77	0.000508758	108883 Toluene	0 30YrCancerDerived	*	0
1309 ALL	486160.52	3675135.77	0.000506887	108883 Toluene	0 30YrCancerDerived	*	0
1310 ALL	486181.36	3675135.77	0.000510999	108883 Toluene	0 30YrCancerDerived	*	0
1311 ALL	486202.2	3675135.77	0.000523506	108883 Toluene	0 30YrCancerDerived	*	0
1312 ALL	486223.04	3675135.77	0.000552402	108883 Toluene	0 30YrCancerDerived	*	0
1313 ALL	486243.88	3675135.77	0.000568762	108883 Toluene	0 30YrCancerDerived	*	0
1314 ALL	486264.72	3675135.77	0.000573575	108883 Toluene	0 30YrCancerDerived	*	0
1315 ALL	486285.56	3675135.77	0.000584852	108883 Toluene	0 30YrCancerDerived	*	0
1316 ALL	486306.4	3675135.77	0.00060382	108883 Toluene	0 30YrCancerDerived	*	0
1317 ALL	486327.24	3675135.77	0.000612209	108883 Toluene	0 30YrCancerDerived	*	0
1318 ALL	486348.08	3675135.77	0.000607142	108883 Toluene	0 30YrCancerDerived	*	0

1319 ALL	486368.92	3675135.77	0.000605615	108883 Toluene	0 30YrCancerDerived	*	0
1320 ALL	486389.76	3675135.77	0.000611895	108883 Toluene	0 30YrCancerDerived	*	0
1321 ALL	486410.6	3675135.77	0.000626445	108883 Toluene	0 30YrCancerDerived	*	0
1322 ALL	486431.44	3675135.77	0.000654541	108883 Toluene	0 30YrCancerDerived	*	0
1323 ALL	486452.28	3675135.77	0.000687211	108883 Toluene	0 30YrCancerDerived	*	0
1324 ALL	486473.12	3675135.77	0.000736708	108883 Toluene	0 30YrCancerDerived	*	0
1325 ALL	486493.96	3675135.77	0.000788243	108883 Toluene	0 30YrCancerDerived	*	0
1326 ALL	486514.8	3675135.77	0.000866605	108883 Toluene	0 30YrCancerDerived	*	0
1327 ALL	486035.48	3675155.65	0.000779975	108883 Toluene	0 30YrCancerDerived	*	0
1328 ALL	486056.32	3675155.65	0.000674435	108883 Toluene	0 30YrCancerDerived	*	0
1329 ALL	486077.16	3675155.65	0.000619551	108883 Toluene	0 30YrCancerDerived	*	0
1330 ALL	486098	3675155.65	0.000566249	108883 Toluene	0 30YrCancerDerived	*	0
1331 ALL	486118.84	3675155.65	0.000531207	108883 Toluene	0 30YrCancerDerived	*	0
1332 ALL	486139.68	3675155.65	0.000515743	108883 Toluene	0 30YrCancerDerived	*	0
1333 ALL	486160.52	3675155.65	0.000510144	108883 Toluene	0 30YrCancerDerived	*	0
1334 ALL	486181.36	3675155.65	0.0005111	108883 Toluene	0 30YrCancerDerived	*	0
1335 ALL	486202.2	3675155.65	0.000515983	108883 Toluene	0 30YrCancerDerived	*	0
1336 ALL	486223.04	3675155.65	0.000530263	108883 Toluene	0 30YrCancerDerived	*	0
1337 ALL	486243.88	3675155.65	0.000544765	108883 Toluene	0 30YrCancerDerived	*	0
1338 ALL	486264.72	3675155.65	0.000546961	108883 Toluene	0 30YrCancerDerived	*	0
1339 ALL	486285.56	3675155.65	0.000557003	108883 Toluene	0 30YrCancerDerived	*	0
1340 ALL	486306.4	3675155.65	0.000578375	108883 Toluene	0 30YrCancerDerived	*	0
1341 ALL	486327.24	3675155.65	0.000593199	108883 Toluene	0 30YrCancerDerived	*	0
1342 ALL	486348.08	3675155.65	0.000591922	108883 Toluene	0 30YrCancerDerived	*	0
1343 ALL	486368.92	3675155.65	0.000594166	108883 Toluene	0 30YrCancerDerived	*	0
1344 ALL	486389.76	3675155.65	0.000601224	108883 Toluene	0 30YrCancerDerived	*	0
1345 ALL	486410.6	3675155.65	0.000624562	108883 Toluene	0 30YrCancerDerived	*	0
1346 ALL	486431.44	3675155.65	0.000661195	108883 Toluene	0 30YrCancerDerived	*	0
1347 ALL	486452.28	3675155.65	0.000702906	108883 Toluene	0 30YrCancerDerived	*	0
1348 ALL	486473.12	3675155.65	0.000752293	108883 Toluene	0 30YrCancerDerived	*	0
1349 ALL	486493.96	3675155.65	0.000800162	108883 Toluene	0 30YrCancerDerived	*	0
1350 ALL	486514.8	3675155.65	0.000899342	108883 Toluene	0 30YrCancerDerived	*	0
1351 ALL	486077.16	3675175.53	0.00064837	108883 Toluene	0 30YrCancerDerived	*	0
1352 ALL	486098	3675175.53	0.000585803	108883 Toluene	0 30YrCancerDerived	*	0
1353 ALL	486118.84	3675175.53	0.000545962	108883 Toluene	0 30YrCancerDerived	*	0

1354 ALL	486139.68	3675175.53	0.000528551	108883 Toluene	0 30YrCancerDerived	*	0
1355 ALL	486160.52	3675175.53	0.000509144	108883 Toluene	0 30YrCancerDerived	*	0
1356 ALL	486181.36	3675175.53	0.00050772	108883 Toluene	0 30YrCancerDerived	*	0
1357 ALL	486202.2	3675175.53	0.000506901	108883 Toluene	0 30YrCancerDerived	*	0
1358 ALL	486223.04	3675175.53	0.000515726	108883 Toluene	0 30YrCancerDerived	*	0
1359 ALL	486243.88	3675175.53	0.000525428	108883 Toluene	0 30YrCancerDerived	*	0
1360 ALL	486264.72	3675175.53	0.000529726	108883 Toluene	0 30YrCancerDerived	*	0
1361 ALL	486285.56	3675175.53	0.000542353	108883 Toluene	0 30YrCancerDerived	*	0
1362 ALL	486306.4	3675175.53	0.000563278	108883 Toluene	0 30YrCancerDerived	*	0
1363 ALL	486327.24	3675175.53	0.000578856	108883 Toluene	0 30YrCancerDerived	*	0
1364 ALL	486348.08	3675175.53	0.000586057	108883 Toluene	0 30YrCancerDerived	*	0
1365 ALL	486368.92	3675175.53	0.000597014	108883 Toluene	0 30YrCancerDerived	*	0
1366 ALL	486389.76	3675175.53	0.000613434	108883 Toluene	0 30YrCancerDerived	*	0
1367 ALL	486410.6	3675175.53	0.000641704	108883 Toluene	0 30YrCancerDerived	*	0
1368 ALL	486431.44	3675175.53	0.000681663	108883 Toluene	0 30YrCancerDerived	*	0
1369 ALL	486452.28	3675175.53	0.000725781	108883 Toluene	0 30YrCancerDerived	*	0
1370 ALL	486473.12	3675175.53	0.000778711	108883 Toluene	0 30YrCancerDerived	*	0
1371 ALL	486493.96	3675175.53	0.000839637	108883 Toluene	0 30YrCancerDerived	*	0
1372 ALL	486514.8	3675175.53	0.000945931	108883 Toluene	0 30YrCancerDerived	*	0
1373 ALL	486098	3675195.41	0.000577639	108883 Toluene	0 30YrCancerDerived	*	0
1374 ALL	486118.84	3675195.41	0.000541616	108883 Toluene	0 30YrCancerDerived	*	0
1375 ALL	486139.68	3675195.41	0.000519425	108883 Toluene	0 30YrCancerDerived	*	0
1376 ALL	486160.52	3675195.41	0.000505323	108883 Toluene	0 30YrCancerDerived	*	0
1377 ALL	486181.36	3675195.41	0.000502353	108883 Toluene	0 30YrCancerDerived	*	0
1378 ALL	486202.2	3675195.41	0.000501493	108883 Toluene	0 30YrCancerDerived	*	0
1379 ALL	486223.04	3675195.41	0.00050028	108883 Toluene	0 30YrCancerDerived	*	0
1380 ALL	486243.88	3675195.41	0.000506087	108883 Toluene	0 30YrCancerDerived	*	0
1381 ALL	486264.72	3675195.41	0.000517047	108883 Toluene	0 30YrCancerDerived	*	0
1382 ALL	486285.56	3675195.41	0.000536551	108883 Toluene	0 30YrCancerDerived	*	0
1383 ALL	486306.4	3675195.41	0.000556204	108883 Toluene	0 30YrCancerDerived	*	0
1384 ALL	486327.24	3675195.41	0.000573375	108883 Toluene	0 30YrCancerDerived	*	0
1385 ALL	486348.08	3675195.41	0.00058783	108883 Toluene	0 30YrCancerDerived	*	0
1386 ALL	486368.92	3675195.41	0.000604953	108883 Toluene	0 30YrCancerDerived	*	0
1387 ALL	486389.76	3675195.41	0.000627494	108883 Toluene	0 30YrCancerDerived	*	0
1388 ALL	486410.6	3675195.41	0.000662413	108883 Toluene	0 30YrCancerDerived	*	0

1389	ALL	486431.44	3675195.41	0.000704986	108883	Toluene	0	30YrCancerDerived	*	0
1390	ALL	486452.28	3675195.41	0.000761491	108883	Toluene	0	30YrCancerDerived	*	0
1391	ALL	486473.12	3675195.41	0.00082554	108883	Toluene	0	30YrCancerDerived	*	0
1392	ALL	486493.96	3675195.41	0.00092169	108883	Toluene	0	30YrCancerDerived	*	0
1393	ALL	486514.8	3675195.41	0.001078029	108883	Toluene	0	30YrCancerDerived	*	0
1394	ALL	486098	3675215.29	0.000578475	108883	Toluene	0	30YrCancerDerived	*	0
1395	ALL	486118.84	3675215.29	0.000529767	108883	Toluene	0	30YrCancerDerived	*	0
1396	ALL	486139.68	3675215.29	0.000498262	108883	Toluene	0	30YrCancerDerived	*	0
1397	ALL	486160.52	3675215.29	0.00048958	108883	Toluene	0	30YrCancerDerived	*	0
1398	ALL	486181.36	3675215.29	0.000492274	108883	Toluene	0	30YrCancerDerived	*	0
1399	ALL	486202.2	3675215.29	0.000493717	108883	Toluene	0	30YrCancerDerived	*	0
1400	ALL	486223.04	3675215.29	0.000494193	108883	Toluene	0	30YrCancerDerived	*	0
1401	ALL	486243.88	3675215.29	0.000504656	108883	Toluene	0	30YrCancerDerived	*	0
1402	ALL	486264.72	3675215.29	0.000519515	108883	Toluene	0	30YrCancerDerived	*	0
1403	ALL	486285.56	3675215.29	0.000538241	108883	Toluene	0	30YrCancerDerived	*	0
1404	ALL	486306.4	3675215.29	0.000558991	108883	Toluene	0	30YrCancerDerived	*	0
1405	ALL	486327.24	3675215.29	0.000580374	108883	Toluene	0	30YrCancerDerived	*	0
1406	ALL	486348.08	3675215.29	0.000599006	108883	Toluene	0	30YrCancerDerived	*	0
1407	ALL	486368.92	3675215.29	0.000620691	108883	Toluene	0	30YrCancerDerived	*	0
1408	ALL	486389.76	3675215.29	0.000649721	108883	Toluene	0	30YrCancerDerived	*	0
1409	ALL	486410.6	3675215.29	0.00069067	108883	Toluene	0	30YrCancerDerived	*	0
1410	ALL	486431.44	3675215.29	0.000749315	108883	Toluene	0	30YrCancerDerived	*	0
1411	ALL	486452.28	3675215.29	0.000810617	108883	Toluene	0	30YrCancerDerived	*	0
1412	ALL	486473.12	3675215.29	0.000892491	108883	Toluene	0	30YrCancerDerived	*	0
1413	ALL	486493.96	3675215.29	0.001038654	108883	Toluene	0	30YrCancerDerived	*	0
1414	ALL	486514.8	3675215.29	0.001252779	108883	Toluene	0	30YrCancerDerived	*	0
1415	ALL	486118.84	3675235.17	0.000525141	108883	Toluene	0	30YrCancerDerived	*	0
1416	ALL	486139.68	3675235.17	0.000502363	108883	Toluene	0	30YrCancerDerived	*	0
1417	ALL	486160.52	3675235.17	0.000489606	108883	Toluene	0	30YrCancerDerived	*	0
1418	ALL	486181.36	3675235.17	0.000485835	108883	Toluene	0	30YrCancerDerived	*	0
1419	ALL	486202.2	3675235.17	0.000487291	108883	Toluene	0	30YrCancerDerived	*	0
1420	ALL	486223.04	3675235.17	0.000496869	108883	Toluene	0	30YrCancerDerived	*	0
1421	ALL	486243.88	3675235.17	0.000512991	108883	Toluene	0	30YrCancerDerived	*	0
1422	ALL	486264.72	3675235.17	0.000527257	108883	Toluene	0	30YrCancerDerived	*	0
1423	ALL	486285.56	3675235.17	0.000543274	108883	Toluene	0	30YrCancerDerived	*	0

1424 ALL	486306.4	3675235.17	0.0005669	108883 Toluene	0 30YrCancerDerived	*	0
1425 ALL	486327.24	3675235.17	0.000594499	108883 Toluene	0 30YrCancerDerived	*	0
1426 ALL	486348.08	3675235.17	0.000619264	108883 Toluene	0 30YrCancerDerived	*	0
1427 ALL	486368.92	3675235.17	0.000645995	108883 Toluene	0 30YrCancerDerived	*	0
1428 ALL	486389.76	3675235.17	0.000687268	108883 Toluene	0 30YrCancerDerived	*	0
1429 ALL	486410.6	3675235.17	0.000745043	108883 Toluene	0 30YrCancerDerived	*	0
1430 ALL	486431.44	3675235.17	0.000814124	108883 Toluene	0 30YrCancerDerived	*	0
1431 ALL	486452.28	3675235.17	0.000898658	108883 Toluene	0 30YrCancerDerived	*	0
1432 ALL	486473.12	3675235.17	0.001035089	108883 Toluene	0 30YrCancerDerived	*	0
1433 ALL	486493.96	3675235.17	0.001180353	108883 Toluene	0 30YrCancerDerived	*	0
1434 ALL	486514.8	3675235.17	0.001312298	108883 Toluene	0 30YrCancerDerived	*	0
1435 ALL	486139.68	3675255.05	0.000514259	108883 Toluene	0 30YrCancerDerived	*	0
1436 ALL	486160.52	3675255.05	0.000503772	108883 Toluene	0 30YrCancerDerived	*	0
1437 ALL	486181.36	3675255.05	0.000497355	108883 Toluene	0 30YrCancerDerived	*	0
1438 ALL	486202.2	3675255.05	0.000494133	108883 Toluene	0 30YrCancerDerived	*	0
1439 ALL	486223.04	3675255.05	0.000506023	108883 Toluene	0 30YrCancerDerived	*	0
1440 ALL	486243.88	3675255.05	0.000523518	108883 Toluene	0 30YrCancerDerived	*	0
1441 ALL	486264.72	3675255.05	0.000538924	108883 Toluene	0 30YrCancerDerived	*	0
1442 ALL	486285.56	3675255.05	0.000556114	108883 Toluene	0 30YrCancerDerived	*	0
1443 ALL	486306.4	3675255.05	0.000580958	108883 Toluene	0 30YrCancerDerived	*	0
1444 ALL	486327.24	3675255.05	0.000608604	108883 Toluene	0 30YrCancerDerived	*	0
1445 ALL	486348.08	3675255.05	0.00063852	108883 Toluene	0 30YrCancerDerived	*	0
1446 ALL	486368.92	3675255.05	0.000677973	108883 Toluene	0 30YrCancerDerived	*	0
1447 ALL	486389.76	3675255.05	0.000720532	108883 Toluene	0 30YrCancerDerived	*	0
1448 ALL	486410.6	3675255.05	0.000765924	108883 Toluene	0 30YrCancerDerived	*	0
1449 ALL	486431.44	3675255.05	0.000830975	108883 Toluene	0 30YrCancerDerived	*	0
1450 ALL	486452.28	3675255.05	0.000901758	108883 Toluene	0 30YrCancerDerived	*	0
1451 ALL	486473.12	3675255.05	0.000972674	108883 Toluene	0 30YrCancerDerived	*	0
1452 ALL	486493.96	3675255.05	0.001044103	108883 Toluene	0 30YrCancerDerived	*	0
1453 ALL	486514.8	3675255.05	0.001073357	108883 Toluene	0 30YrCancerDerived	*	0
1454 ALL	486535.64	3675255.05	0.001104727	108883 Toluene	0 30YrCancerDerived	*	0
1455 ALL	486264.72	3675274.93	0.000556275	108883 Toluene	0 30YrCancerDerived	*	0
1456 ALL	486285.56	3675274.93	0.000572317	108883 Toluene	0 30YrCancerDerived	*	0
1457 ALL	486306.4	3675274.93	0.000587447	108883 Toluene	0 30YrCancerDerived	*	0
1458 ALL	486327.24	3675274.93	0.00061411	108883 Toluene	0 30YrCancerDerived	*	0

1459	ALL	486348.08	3675274.93	0.000643615	108883	Toluene	0	30YrCancerDerived	*	0
1460	ALL	486368.92	3675274.93	0.000672598	108883	Toluene	0	30YrCancerDerived	*	0
1461	ALL	486389.76	3675274.93	0.000697089	108883	Toluene	0	30YrCancerDerived	*	0
1462	ALL	486410.6	3675274.93	0.000721987	108883	Toluene	0	30YrCancerDerived	*	0
1463	ALL	486431.44	3675274.93	0.000763179	108883	Toluene	0	30YrCancerDerived	*	0
1464	ALL	486452.28	3675274.93	0.000821744	108883	Toluene	0	30YrCancerDerived	*	0
1465	ALL	486473.12	3675274.93	0.000874406	108883	Toluene	0	30YrCancerDerived	*	0
1466	ALL	486493.96	3675274.93	0.000914761	108883	Toluene	0	30YrCancerDerived	*	0
1467	ALL	486514.8	3675274.93	0.000946168	108883	Toluene	0	30YrCancerDerived	*	0
1468	ALL	486535.64	3675274.93	0.000985279	108883	Toluene	0	30YrCancerDerived	*	0
1469	ALL	486556.48	3675274.93	0.001042699	108883	Toluene	0	30YrCancerDerived	*	0
1470	ALL	486306.4	3675294.81	0.000586574	108883	Toluene	0	30YrCancerDerived	*	0
1471	ALL	486327.24	3675294.81	0.000607077	108883	Toluene	0	30YrCancerDerived	*	0
1472	ALL	486348.08	3675294.81	0.000632424	108883	Toluene	0	30YrCancerDerived	*	0
1473	ALL	486368.92	3675294.81	0.000655497	108883	Toluene	0	30YrCancerDerived	*	0
1474	ALL	486389.76	3675294.81	0.000671715	108883	Toluene	0	30YrCancerDerived	*	0
1475	ALL	486410.6	3675294.81	0.000686955	108883	Toluene	0	30YrCancerDerived	*	0
1476	ALL	486431.44	3675294.81	0.000714025	108883	Toluene	0	30YrCancerDerived	*	0
1477	ALL	486452.28	3675294.81	0.000758798	108883	Toluene	0	30YrCancerDerived	*	0
1478	ALL	486473.12	3675294.81	0.000801718	108883	Toluene	0	30YrCancerDerived	*	0
1479	ALL	486493.96	3675294.81	0.000829805	108883	Toluene	0	30YrCancerDerived	*	0
1480	ALL	486514.8	3675294.81	0.000859601	108883	Toluene	0	30YrCancerDerived	*	0
1481	ALL	486535.64	3675294.81	0.000894042	108883	Toluene	0	30YrCancerDerived	*	0
1482	ALL	486556.48	3675294.81	0.000940628	108883	Toluene	0	30YrCancerDerived	*	0
1483	ALL	486327.24	3675314.69	0.000592854	108883	Toluene	0	30YrCancerDerived	*	0
1484	ALL	486348.08	3675314.69	0.000616847	108883	Toluene	0	30YrCancerDerived	*	0
1485	ALL	486368.92	3675314.69	0.000636348	108883	Toluene	0	30YrCancerDerived	*	0
1486	ALL	486389.76	3675314.69	0.000645325	108883	Toluene	0	30YrCancerDerived	*	0
1487	ALL	486410.6	3675314.69	0.000651468	108883	Toluene	0	30YrCancerDerived	*	0
1488	ALL	486431.44	3675314.69	0.000678098	108883	Toluene	0	30YrCancerDerived	*	0
1489	ALL	486452.28	3675314.69	0.000721385	108883	Toluene	0	30YrCancerDerived	*	0
1490	ALL	486473.12	3675314.69	0.000759119	108883	Toluene	0	30YrCancerDerived	*	0
1491	ALL	486493.96	3675314.69	0.000786443	108883	Toluene	0	30YrCancerDerived	*	0
1492	ALL	486514.8	3675314.69	0.000816599	108883	Toluene	0	30YrCancerDerived	*	0
1493	ALL	486535.64	3675314.69	0.000853301	108883	Toluene	0	30YrCancerDerived	*	0

1494 ALL	486556.48	3675314.69	0.000897376	108883 Toluene	0 30YrCancerDerived	*	0
1495 ALL	486348.08	3675334.57	0.000603297	108883 Toluene	0 30YrCancerDerived	*	0
1496 ALL	486368.92	3675334.57	0.000619824	108883 Toluene	0 30YrCancerDerived	*	0
1497 ALL	486389.76	3675334.57	0.000630119	108883 Toluene	0 30YrCancerDerived	*	0
1498 ALL	486410.6	3675334.57	0.000637806	108883 Toluene	0 30YrCancerDerived	*	0
1499 ALL	486431.44	3675334.57	0.000661131	108883 Toluene	0 30YrCancerDerived	*	0
1500 ALL	486452.28	3675334.57	0.000694666	108883 Toluene	0 30YrCancerDerived	*	0
1501 ALL	486473.12	3675334.57	0.000718228	108883 Toluene	0 30YrCancerDerived	*	0
1502 ALL	486493.96	3675334.57	0.000750286	108883 Toluene	0 30YrCancerDerived	*	0
1503 ALL	486514.8	3675334.57	0.000787135	108883 Toluene	0 30YrCancerDerived	*	0
1504 ALL	486535.64	3675334.57	0.000832612	108883 Toluene	0 30YrCancerDerived	*	0
1505 ALL	486368.92	3675354.45	0.000614159	108883 Toluene	0 30YrCancerDerived	*	0
1506 ALL	486389.76	3675354.45	0.000625785	108883 Toluene	0 30YrCancerDerived	*	0
1507 ALL	486410.6	3675354.45	0.000646037	108883 Toluene	0 30YrCancerDerived	*	0
1508 ALL	486431.44	3675354.45	0.000663352	108883 Toluene	0 30YrCancerDerived	*	0
1509 ALL	486452.28	3675354.45	0.000681258	108883 Toluene	0 30YrCancerDerived	*	0
1510 ALL	486473.12	3675354.45	0.000705207	108883 Toluene	0 30YrCancerDerived	*	0
1511 ALL	486493.96	3675354.45	0.000738666	108883 Toluene	0 30YrCancerDerived	*	0
1512 ALL	486514.8	3675354.45	0.00078517	108883 Toluene	0 30YrCancerDerived	*	0
1513 ALL	486431.44	3675374.33	0.000668003	108883 Toluene	0 30YrCancerDerived	*	0
1514 ALL	486452.28	3675374.33	0.00068453	108883 Toluene	0 30YrCancerDerived	*	0
1515 ALL	486473.12	3675374.33	0.000709242	108883 Toluene	0 30YrCancerDerived	*	0
1516 ALL	487872.39	3673252.61	0.02446541	108883 Toluene	0 30YrCancerDerived	*	0
1517 ALL	487892.39	3673252.61	0.04911073	108883 Toluene	0 30YrCancerDerived	*	0
1518 ALL	487912.39	3673252.61	0.06631029	108883 Toluene	0 30YrCancerDerived	*	0
1519 ALL	487932.39	3673252.61	0.08890717	108883 Toluene	0 30YrCancerDerived	*	0
1521 ALL	487852.39	3673272.61	0.01990123	108883 Toluene	0 30YrCancerDerived	*	0
1522 ALL	487872.39	3673272.61	0.03189662	108883 Toluene	0 30YrCancerDerived	*	0
1523 ALL	487892.39	3673272.61	0.05438635	108883 Toluene	0 30YrCancerDerived	*	0
1524 ALL	487912.39	3673272.61	0.06691775	108883 Toluene	0 30YrCancerDerived	*	0
1525 ALL	487932.39	3673272.61	0.0835067	108883 Toluene	0 30YrCancerDerived	*	0
1528 ALL	487832.39	3673292.61	0.01272074	108883 Toluene	0 30YrCancerDerived	*	0
1529 ALL	487852.39	3673292.61	0.01845939	108883 Toluene	0 30YrCancerDerived	*	0
1530 ALL	487872.39	3673292.61	0.02719602	108883 Toluene	0 30YrCancerDerived	*	0
1531 ALL	487892.39	3673292.61	0.04143456	108883 Toluene	0 30YrCancerDerived	*	0

1532 ALL	487912.39	3673292.61	0.05753838	108883 Toluene	0 30YrCancerDerived	*	0
1533 ALL	487932.39	3673292.61	0.07438379	108883 Toluene	0 30YrCancerDerived	*	0
1538 ALL	487812.39	3673312.61	0.006414049	108883 Toluene	0 30YrCancerDerived	*	0
1539 ALL	487832.39	3673312.61	0.008469719	108883 Toluene	0 30YrCancerDerived	*	0
1540 ALL	487852.39	3673312.61	0.01340917	108883 Toluene	0 30YrCancerDerived	*	0
1541 ALL	487872.39	3673312.61	0.02176093	108883 Toluene	0 30YrCancerDerived	*	0
1542 ALL	487892.39	3673312.61	0.03363457	108883 Toluene	0 30YrCancerDerived	*	0
1543 ALL	487912.39	3673312.61	0.05022326	108883 Toluene	0 30YrCancerDerived	*	0
1544 ALL	487932.39	3673312.61	0.06616192	108883 Toluene	0 30YrCancerDerived	*	0
1545 ALL	487952.39	3673312.61	0.07670522	108883 Toluene	0 30YrCancerDerived	*	0
1549 ALL	487792.39	3673332.61	0.003288989	108883 Toluene	0 30YrCancerDerived	*	0
1550 ALL	487812.39	3673332.61	0.004000521	108883 Toluene	0 30YrCancerDerived	*	0
1551 ALL	487832.39	3673332.61	0.005791171	108883 Toluene	0 30YrCancerDerived	*	0
1552 ALL	487852.39	3673332.61	0.01031838	108883 Toluene	0 30YrCancerDerived	*	0
1553 ALL	487872.39	3673332.61	0.01912151	108883 Toluene	0 30YrCancerDerived	*	0
1554 ALL	487892.39	3673332.61	0.02813827	108883 Toluene	0 30YrCancerDerived	*	0
1555 ALL	487912.39	3673332.61	0.04205136	108883 Toluene	0 30YrCancerDerived	*	0
1556 ALL	487932.39	3673332.61	0.05521748	108883 Toluene	0 30YrCancerDerived	*	0
1557 ALL	487952.39	3673332.61	0.06126808	108883 Toluene	0 30YrCancerDerived	*	0
1558 ALL	487972.39	3673332.61	0.07127842	108883 Toluene	0 30YrCancerDerived	*	0
1561 ALL	487772.39	3673352.61	0.002346271	108883 Toluene	0 30YrCancerDerived	*	0
1562 ALL	487792.39	3673352.61	0.002481201	108883 Toluene	0 30YrCancerDerived	*	0
1563 ALL	487812.39	3673352.61	0.003165173	108883 Toluene	0 30YrCancerDerived	*	0
1564 ALL	487832.39	3673352.61	0.004701212	108883 Toluene	0 30YrCancerDerived	*	0
1565 ALL	487852.39	3673352.61	0.008083764	108883 Toluene	0 30YrCancerDerived	*	0
1566 ALL	487872.39	3673352.61	0.01649632	108883 Toluene	0 30YrCancerDerived	*	0
1567 ALL	487892.39	3673352.61	0.02431038	108883 Toluene	0 30YrCancerDerived	*	0
1568 ALL	487912.39	3673352.61	0.03186394	108883 Toluene	0 30YrCancerDerived	*	0
1569 ALL	487932.39	3673352.61	0.0411788	108883 Toluene	0 30YrCancerDerived	*	0
1570 ALL	487952.39	3673352.61	0.0482523	108883 Toluene	0 30YrCancerDerived	*	0
1571 ALL	487972.39	3673352.61	0.05699947	108883 Toluene	0 30YrCancerDerived	*	0
1572 ALL	487992.39	3673352.61	0.06840227	108883 Toluene	0 30YrCancerDerived	*	0
1573 ALL	488012.39	3673352.61	0.07599223	108883 Toluene	0 30YrCancerDerived	*	0
1574 ALL	487724.34	3673332.79	0.002021723	108883 Toluene	0 30YrCancerDerived	*	0
1575 ALL	487792.39	3673372.61	0.00232663	108883 Toluene	0 30YrCancerDerived	*	0

1576 ALL	487812.39	3673372.61	0.003001452	108883 Toluene	0 30YrCancerDerived	*	0
1577 ALL	487832.39	3673372.61	0.004383045	108883 Toluene	0 30YrCancerDerived	*	0
1578 ALL	487852.39	3673372.61	0.006963837	108883 Toluene	0 30YrCancerDerived	*	0
1579 ALL	487872.39	3673372.61	0.01321997	108883 Toluene	0 30YrCancerDerived	*	0
1580 ALL	487892.39	3673372.61	0.02117998	108883 Toluene	0 30YrCancerDerived	*	0
1581 ALL	487912.39	3673372.61	0.0258955	108883 Toluene	0 30YrCancerDerived	*	0
1582 ALL	487932.39	3673372.61	0.03298822	108883 Toluene	0 30YrCancerDerived	*	0
1583 ALL	487952.39	3673372.61	0.03915428	108883 Toluene	0 30YrCancerDerived	*	0
1584 ALL	487972.39	3673372.61	0.04557335	108883 Toluene	0 30YrCancerDerived	*	0
1585 ALL	487992.39	3673372.61	0.0489304	108883 Toluene	0 30YrCancerDerived	*	0
1586 ALL	487724.34	3673352.79	0.002155816	108883 Toluene	0 30YrCancerDerived	*	0
1587 ALL	487744.34	3673352.79	0.00232375	108883 Toluene	0 30YrCancerDerived	*	0
1588 ALL	487812.39	3673392.61	0.003351294	108883 Toluene	0 30YrCancerDerived	*	0
1589 ALL	487832.39	3673392.61	0.004352523	108883 Toluene	0 30YrCancerDerived	*	0
1590 ALL	487852.39	3673392.61	0.006839363	108883 Toluene	0 30YrCancerDerived	*	0
1591 ALL	487872.39	3673392.61	0.01204153	108883 Toluene	0 30YrCancerDerived	*	0
1592 ALL	487892.39	3673392.61	0.01999184	108883 Toluene	0 30YrCancerDerived	*	0
1593 ALL	487912.39	3673392.61	0.02609928	108883 Toluene	0 30YrCancerDerived	*	0
1594 ALL	487932.39	3673392.61	0.03158541	108883 Toluene	0 30YrCancerDerived	*	0
1595 ALL	487952.39	3673392.61	0.03507425	108883 Toluene	0 30YrCancerDerived	*	0
1596 ALL	487972.39	3673392.61	0.03660319	108883 Toluene	0 30YrCancerDerived	*	0
1597 ALL	487992.39	3673392.61	0.0318948	108883 Toluene	0 30YrCancerDerived	*	0
1598 ALL	487724.34	3673372.79	0.003012265	108883 Toluene	0 30YrCancerDerived	*	0
1599 ALL	487744.34	3673372.79	0.002959318	108883 Toluene	0 30YrCancerDerived	*	0
1600 ALL	487852.39	3673412.61	0.007637149	108883 Toluene	0 30YrCancerDerived	*	0
1601 ALL	487872.39	3673412.61	0.01371298	108883 Toluene	0 30YrCancerDerived	*	0
1602 ALL	487892.39	3673412.61	0.02566837	108883 Toluene	0 30YrCancerDerived	*	0
1603 ALL	487912.39	3673412.61	0.04937834	108883 Toluene	0 30YrCancerDerived	*	0
1604 ALL	487932.39	3673412.61	0.04067295	108883 Toluene	0 30YrCancerDerived	*	0
1605 ALL	487952.39	3673412.61	0.03556652	108883 Toluene	0 30YrCancerDerived	*	0
1606 ALL	487972.39	3673412.61	0.03170585	108883 Toluene	0 30YrCancerDerived	*	0
1607 ALL	487992.39	3673412.61	0.02693067	108883 Toluene	0 30YrCancerDerived	*	0
1608 ALL	487724.34	3673392.79	0.004359896	108883 Toluene	0 30YrCancerDerived	*	0
1609 ALL	487744.34	3673392.79	0.00373126	108883 Toluene	0 30YrCancerDerived	*	0
1610 ALL	487872.39	3673432.61	0.02351212	108883 Toluene	0 30YrCancerDerived	*	0

1611 ALL	487892.39	3673432.61	0.05264411	108883 Toluene	0 30YrCancerDerived	*	0
1612 ALL	487912.39	3673432.61	0.103539	108883 Toluene	0 30YrCancerDerived	*	0
1613 ALL	487932.39	3673432.61	0.06302445	108883 Toluene	0 30YrCancerDerived	*	0
1614 ALL	487952.39	3673432.61	0.04648525	108883 Toluene	0 30YrCancerDerived	*	0
1615 ALL	487972.39	3673432.61	0.03757482	108883 Toluene	0 30YrCancerDerived	*	0
1616 ALL	487724.34	3673412.79	0.005237659	108883 Toluene	0 30YrCancerDerived	*	0
1617 ALL	487744.34	3673412.79	0.004616602	108883 Toluene	0 30YrCancerDerived	*	0
1618 ALL	487912.39	3673452.61	0.1453491	108883 Toluene	0 30YrCancerDerived	*	0
1619 ALL	487932.39	3673452.61	0.1267607	108883 Toluene	0 30YrCancerDerived	*	0
1620 ALL	487952.39	3673452.61	0.1004297	108883 Toluene	0 30YrCancerDerived	*	0
1621 ALL	487972.39	3673452.61	0.05569087	108883 Toluene	0 30YrCancerDerived	*	0
1622 ALL	487724.34	3673432.79	0.006995592	108883 Toluene	0 30YrCancerDerived	*	0
1623 ALL	487744.34	3673432.79	0.005464554	108883 Toluene	0 30YrCancerDerived	*	0
1624 ALL	487932.39	3673472.61	0.1682439	108883 Toluene	0 30YrCancerDerived	*	0
1625 ALL	487952.39	3673472.61	0.1724631	108883 Toluene	0 30YrCancerDerived	*	0
1626 ALL	487724.34	3673452.79	0.01003901	108883 Toluene	0 30YrCancerDerived	*	0
1627 ALL	487744.34	3673452.79	0.006919535	108883 Toluene	0 30YrCancerDerived	*	0
1628 ALL	487724.34	3673472.79	0.01551199	108883 Toluene	0 30YrCancerDerived	*	0
1629 ALL	487724.34	3673492.79	0.02931408	108883 Toluene	0 30YrCancerDerived	*	0
1630 ALL	487744.36	3673445.97	0.006322498	108883 Toluene	0 30YrCancerDerived	*	0
1631 ALL	487765.2	3673445.97	0.005902953	108883 Toluene	0 30YrCancerDerived	*	0
1632 ALL	487786.04	3673445.97	0.006901083	108883 Toluene	0 30YrCancerDerived	*	0
1633 ALL	487723.52	3673465.85	0.01365087	108883 Toluene	0 30YrCancerDerived	*	0
1634 ALL	487744.36	3673465.85	0.009136539	108883 Toluene	0 30YrCancerDerived	*	0
1635 ALL	487765.2	3673465.85	0.008981118	108883 Toluene	0 30YrCancerDerived	*	0
1636 ALL	487786.04	3673465.85	0.01226467	108883 Toluene	0 30YrCancerDerived	*	0
1637 ALL	487806.88	3673465.85	0.01792329	108883 Toluene	0 30YrCancerDerived	*	0
1638 ALL	487723.52	3673485.73	0.02285032	108883 Toluene	0 30YrCancerDerived	*	0
1639 ALL	487744.36	3673485.73	0.01542096	108883 Toluene	0 30YrCancerDerived	*	0
1640 ALL	487765.2	3673485.73	0.01459761	108883 Toluene	0 30YrCancerDerived	*	0
1641 ALL	487786.04	3673485.73	0.02013789	108883 Toluene	0 30YrCancerDerived	*	0
1642 ALL	487806.88	3673485.73	0.03288547	108883 Toluene	0 30YrCancerDerived	*	0
1643 ALL	487827.72	3673485.73	0.05612866	108883 Toluene	0 30YrCancerDerived	*	0
1644 ALL	487848.56	3673485.73	0.09052525	108883 Toluene	0 30YrCancerDerived	*	0
1645 ALL	487723.52	3673505.61	0.03849322	108883 Toluene	0 30YrCancerDerived	*	0

1646 ALL	487744.36	3673505.61	0.03321823	108883 Toluene	0 30YrCancerDerived	*	0
1647 ALL	487765.2	3673505.61	0.02508126	108883 Toluene	0 30YrCancerDerived	*	0
1648 ALL	487786.04	3673505.61	0.0318542	108883 Toluene	0 30YrCancerDerived	*	0
1649 ALL	487806.88	3673505.61	0.04699888	108883 Toluene	0 30YrCancerDerived	*	0
1650 ALL	487827.72	3673505.61	0.06791221	108883 Toluene	0 30YrCancerDerived	*	0
1651 ALL	487848.56	3673505.61	0.1008017	108883 Toluene	0 30YrCancerDerived	*	0
1652 ALL	487869.4	3673505.61	0.1223604	108883 Toluene	0 30YrCancerDerived	*	0
1653 ALL	487744.36	3673525.49	0.04234704	108883 Toluene	0 30YrCancerDerived	*	0
1654 ALL	487765.2	3673525.49	0.03526963	108883 Toluene	0 30YrCancerDerived	*	0
1655 ALL	487786.04	3673525.49	0.03353593	108883 Toluene	0 30YrCancerDerived	*	0
1656 ALL	487806.88	3673525.49	0.04408302	108883 Toluene	0 30YrCancerDerived	*	0
1657 ALL	487827.72	3673525.49	0.0579432	108883 Toluene	0 30YrCancerDerived	*	0
1658 ALL	487848.56	3673525.49	0.07794296	108883 Toluene	0 30YrCancerDerived	*	0
1659 ALL	487869.4	3673525.49	0.1098953	108883 Toluene	0 30YrCancerDerived	*	0
1660 ALL	487890.24	3673525.49	0.1392858	108883 Toluene	0 30YrCancerDerived	*	0
1661 ALL	487911.08	3673525.49	0.1664249	108883 Toluene	0 30YrCancerDerived	*	0
1662 ALL	487744.36	3673545.37	0.04219639	108883 Toluene	0 30YrCancerDerived	*	0
1663 ALL	487765.2	3673545.37	0.03770903	108883 Toluene	0 30YrCancerDerived	*	0
1664 ALL	487786.04	3673545.37	0.0268749	108883 Toluene	0 30YrCancerDerived	*	0
1665 ALL	487806.88	3673545.37	0.0281854	108883 Toluene	0 30YrCancerDerived	*	0
1666 ALL	487827.72	3673545.37	0.03138408	108883 Toluene	0 30YrCancerDerived	*	0
1667 ALL	487848.56	3673545.37	0.04192573	108883 Toluene	0 30YrCancerDerived	*	0
1668 ALL	487869.4	3673545.37	0.07030641	108883 Toluene	0 30YrCancerDerived	*	0
1669 ALL	487890.24	3673545.37	0.1208501	108883 Toluene	0 30YrCancerDerived	*	0
1670 ALL	487911.08	3673545.37	0.1595144	108883 Toluene	0 30YrCancerDerived	*	0
1671 ALL	487931.92	3673545.37	0.1875257	108883 Toluene	0 30YrCancerDerived	*	0
1672 ALL	487744.36	3673565.25	0.045276	108883 Toluene	0 30YrCancerDerived	*	0
1673 ALL	487765.2	3673565.25	0.03942247	108883 Toluene	0 30YrCancerDerived	*	0
1674 ALL	487786.04	3673565.25	0.02377982	108883 Toluene	0 30YrCancerDerived	*	0
1675 ALL	487806.88	3673565.25	0.01711769	108883 Toluene	0 30YrCancerDerived	*	0
1676 ALL	487827.72	3673565.25	0.01421183	108883 Toluene	0 30YrCancerDerived	*	0
1677 ALL	487848.56	3673565.25	0.01608452	108883 Toluene	0 30YrCancerDerived	*	0
1678 ALL	487869.4	3673565.25	0.02995908	108883 Toluene	0 30YrCancerDerived	*	0
1679 ALL	487890.24	3673565.25	0.07664752	108883 Toluene	0 30YrCancerDerived	*	0
1680 ALL	487911.08	3673565.25	0.1349407	108883 Toluene	0 30YrCancerDerived	*	0

1681 ALL	487765.2	3673585.13	0.04319141	108883 Toluene	0 30YrCancerDerived	*	0
1682 ALL	487786.04	3673585.13	0.02083238	108883 Toluene	0 30YrCancerDerived	*	0
1683 ALL	487806.88	3673585.13	0.01308338	108883 Toluene	0 30YrCancerDerived	*	0
1684 ALL	487827.72	3673585.13	0.01023178	108883 Toluene	0 30YrCancerDerived	*	0
1685 ALL	487848.56	3673585.13	0.01158472	108883 Toluene	0 30YrCancerDerived	*	0
1686 ALL	487869.4	3673585.13	0.02021825	108883 Toluene	0 30YrCancerDerived	*	0
1687 ALL	487890.24	3673585.13	0.0520862	108883 Toluene	0 30YrCancerDerived	*	0
1688 ALL	487911.08	3673585.13	0.09897482	108883 Toluene	0 30YrCancerDerived	*	0
1689 ALL	487786.04	3673605.01	0.02212598	108883 Toluene	0 30YrCancerDerived	*	0
1690 ALL	487806.88	3673605.01	0.01173326	108883 Toluene	0 30YrCancerDerived	*	0
1691 ALL	487827.72	3673605.01	0.01084662	108883 Toluene	0 30YrCancerDerived	*	0
1692 ALL	487848.56	3673605.01	0.01265723	108883 Toluene	0 30YrCancerDerived	*	0
1693 ALL	487869.4	3673605.01	0.0261931	108883 Toluene	0 30YrCancerDerived	*	0
1694 ALL	487890.24	3673605.01	0.05492312	108883 Toluene	0 30YrCancerDerived	*	0
1 ALL	487640.16	3673346.57	0.000174903	1330207 Xylenes	0 30YrCancerDerived	*	0
2 ALL	487661	3673346.57	0.000189719	1330207 Xylenes	0 30YrCancerDerived	*	0
3 ALL	487681.84	3673346.57	0.000209823	1330207 Xylenes	0 30YrCancerDerived	*	0
4 ALL	487702.68	3673346.57	0.0002343	1330207 Xylenes	0 30YrCancerDerived	*	0
5 ALL	487723.52	3673346.57	0.000263042	1330207 Xylenes	0 30YrCancerDerived	*	0
6 ALL	487598.48	3673366.45	0.000139315	1330207 Xylenes	0 30YrCancerDerived	*	0
7 ALL	487619.32	3673366.45	0.000170099	1330207 Xylenes	0 30YrCancerDerived	*	0
8 ALL	487640.16	3673366.45	0.000236577	1330207 Xylenes	0 30YrCancerDerived	*	0
9 ALL	487661	3673366.45	0.000279654	1330207 Xylenes	0 30YrCancerDerived	*	0
10 ALL	487681.84	3673366.45	0.000302298	1330207 Xylenes	0 30YrCancerDerived	*	0
11 ALL	487702.68	3673366.45	0.000341487	1330207 Xylenes	0 30YrCancerDerived	*	0
12 ALL	487723.52	3673366.45	0.000340204	1330207 Xylenes	0 30YrCancerDerived	*	0
13 ALL	487577.64	3673386.33	0.000140523	1330207 Xylenes	0 30YrCancerDerived	*	0
14 ALL	487598.48	3673386.33	0.000156785	1330207 Xylenes	0 30YrCancerDerived	*	0
15 ALL	487619.32	3673386.33	0.000201058	1330207 Xylenes	0 30YrCancerDerived	*	0
16 ALL	487640.16	3673386.33	0.000299026	1330207 Xylenes	0 30YrCancerDerived	*	0
17 ALL	487661	3673386.33	0.000427062	1330207 Xylenes	0 30YrCancerDerived	*	0
18 ALL	487681.84	3673386.33	0.000504628	1330207 Xylenes	0 30YrCancerDerived	*	0
19 ALL	487702.68	3673386.33	0.000529938	1330207 Xylenes	0 30YrCancerDerived	*	0
20 ALL	487723.52	3673386.33	0.000519559	1330207 Xylenes	0 30YrCancerDerived	*	0
21 ALL	487473.44	3673406.21	0.0000899	1330207 Xylenes	0 30YrCancerDerived	*	0

22 ALL	487494.28	3673406.21	0.0000986	1330207	Xylenes	0	30YrCancerDerived	*	0
23 ALL	487515.12	3673406.21	0.000106175	1330207	Xylenes	0	30YrCancerDerived	*	0
24 ALL	487535.96	3673406.21	0.000116124	1330207	Xylenes	0	30YrCancerDerived	*	0
25 ALL	487556.8	3673406.21	0.000132888	1330207	Xylenes	0	30YrCancerDerived	*	0
26 ALL	487577.64	3673406.21	0.000165147	1330207	Xylenes	0	30YrCancerDerived	*	0
27 ALL	487598.48	3673406.21	0.000216259	1330207	Xylenes	0	30YrCancerDerived	*	0
28 ALL	487619.32	3673406.21	0.000312397	1330207	Xylenes	0	30YrCancerDerived	*	0
29 ALL	487640.16	3673406.21	0.000477868	1330207	Xylenes	0	30YrCancerDerived	*	0
30 ALL	487661	3673406.21	0.000646717	1330207	Xylenes	0	30YrCancerDerived	*	0
31 ALL	487681.84	3673406.21	0.000714179	1330207	Xylenes	0	30YrCancerDerived	*	0
32 ALL	487702.68	3673406.21	0.000682826	1330207	Xylenes	0	30YrCancerDerived	*	0
33 ALL	487723.52	3673406.21	0.0006107	1330207	Xylenes	0	30YrCancerDerived	*	0
34 ALL	487431.76	3673426.09	0.00008	1330207	Xylenes	0	30YrCancerDerived	*	0
35 ALL	487452.6	3673426.09	0.0000851	1330207	Xylenes	0	30YrCancerDerived	*	0
36 ALL	487473.44	3673426.09	0.0000917	1330207	Xylenes	0	30YrCancerDerived	*	0
37 ALL	487494.28	3673426.09	0.0000997	1330207	Xylenes	0	30YrCancerDerived	*	0
38 ALL	487515.12	3673426.09	0.000111407	1330207	Xylenes	0	30YrCancerDerived	*	0
39 ALL	487535.96	3673426.09	0.000123981	1330207	Xylenes	0	30YrCancerDerived	*	0
40 ALL	487556.8	3673426.09	0.000143677	1330207	Xylenes	0	30YrCancerDerived	*	0
41 ALL	487577.64	3673426.09	0.000183828	1330207	Xylenes	0	30YrCancerDerived	*	0
42 ALL	487598.48	3673426.09	0.000278579	1330207	Xylenes	0	30YrCancerDerived	*	0
43 ALL	487619.32	3673426.09	0.000449295	1330207	Xylenes	0	30YrCancerDerived	*	0
44 ALL	487640.16	3673426.09	0.000732918	1330207	Xylenes	0	30YrCancerDerived	*	0
45 ALL	487661	3673426.09	0.000965493	1330207	Xylenes	0	30YrCancerDerived	*	0
46 ALL	487681.84	3673426.09	0.001027485	1330207	Xylenes	0	30YrCancerDerived	*	0
47 ALL	487702.68	3673426.09	0.000870758	1330207	Xylenes	0	30YrCancerDerived	*	0
48 ALL	487723.52	3673426.09	0.000766924	1330207	Xylenes	0	30YrCancerDerived	*	0
49 ALL	487410.92	3673445.97	0.0000781	1330207	Xylenes	0	30YrCancerDerived	*	0
50 ALL	487431.76	3673445.97	0.0000834	1330207	Xylenes	0	30YrCancerDerived	*	0
51 ALL	487452.6	3673445.97	0.0000884	1330207	Xylenes	0	30YrCancerDerived	*	0
52 ALL	487473.44	3673445.97	0.0000937	1330207	Xylenes	0	30YrCancerDerived	*	0
53 ALL	487494.28	3673445.97	0.0000999	1330207	Xylenes	0	30YrCancerDerived	*	0
54 ALL	487515.12	3673445.97	0.000108009	1330207	Xylenes	0	30YrCancerDerived	*	0
55 ALL	487535.96	3673445.97	0.000118458	1330207	Xylenes	0	30YrCancerDerived	*	0
56 ALL	487556.8	3673445.97	0.000138664	1330207	Xylenes	0	30YrCancerDerived	*	0

57 ALL	487577.64	3673445.97	0.000170936	1330207	Xylenes	0	30YrCancerDerived	*	0
58 ALL	487598.48	3673445.97	0.000268358	1330207	Xylenes	0	30YrCancerDerived	*	0
59 ALL	487619.32	3673445.97	0.000441461	1330207	Xylenes	0	30YrCancerDerived	*	0
60 ALL	487640.16	3673445.97	0.000845427	1330207	Xylenes	0	30YrCancerDerived	*	0
61 ALL	487661	3673445.97	0.001293112	1330207	Xylenes	0	30YrCancerDerived	*	0
62 ALL	487681.84	3673445.97	0.001554595	1330207	Xylenes	0	30YrCancerDerived	*	0
63 ALL	487702.68	3673445.97	0.001396675	1330207	Xylenes	0	30YrCancerDerived	*	0
64 ALL	487369.24	3673465.85	0.0000703	1330207	Xylenes	0	30YrCancerDerived	*	0
65 ALL	487390.08	3673465.85	0.0000764	1330207	Xylenes	0	30YrCancerDerived	*	0
66 ALL	487410.92	3673465.85	0.0000816	1330207	Xylenes	0	30YrCancerDerived	*	0
67 ALL	487431.76	3673465.85	0.0000917	1330207	Xylenes	0	30YrCancerDerived	*	0
68 ALL	487452.6	3673465.85	0.0000982	1330207	Xylenes	0	30YrCancerDerived	*	0
69 ALL	487473.44	3673465.85	0.000102088	1330207	Xylenes	0	30YrCancerDerived	*	0
70 ALL	487494.28	3673465.85	0.000105226	1330207	Xylenes	0	30YrCancerDerived	*	0
71 ALL	487515.12	3673465.85	0.000101185	1330207	Xylenes	0	30YrCancerDerived	*	0
72 ALL	487535.96	3673465.85	0.000109995	1330207	Xylenes	0	30YrCancerDerived	*	0
73 ALL	487556.8	3673465.85	0.000129705	1330207	Xylenes	0	30YrCancerDerived	*	0
74 ALL	487577.64	3673465.85	0.000170645	1330207	Xylenes	0	30YrCancerDerived	*	0
75 ALL	487598.48	3673465.85	0.000273841	1330207	Xylenes	0	30YrCancerDerived	*	0
76 ALL	487619.32	3673465.85	0.000455402	1330207	Xylenes	0	30YrCancerDerived	*	0
77 ALL	487640.16	3673465.85	0.000884281	1330207	Xylenes	0	30YrCancerDerived	*	0
78 ALL	487661	3673465.85	0.001505328	1330207	Xylenes	0	30YrCancerDerived	*	0
79 ALL	487681.84	3673465.85	0.001934872	1330207	Xylenes	0	30YrCancerDerived	*	0
80 ALL	487702.68	3673465.85	0.002039809	1330207	Xylenes	0	30YrCancerDerived	*	0
81 ALL	487348.4	3673485.73	0.0000656	1330207	Xylenes	0	30YrCancerDerived	*	0
82 ALL	487369.24	3673485.73	0.0000715	1330207	Xylenes	0	30YrCancerDerived	*	0
83 ALL	487390.08	3673485.73	0.0000807	1330207	Xylenes	0	30YrCancerDerived	*	0
84 ALL	487410.92	3673485.73	0.0000954	1330207	Xylenes	0	30YrCancerDerived	*	0
85 ALL	487431.76	3673485.73	0.000110741	1330207	Xylenes	0	30YrCancerDerived	*	0
86 ALL	487452.6	3673485.73	0.000120899	1330207	Xylenes	0	30YrCancerDerived	*	0
87 ALL	487473.44	3673485.73	0.000122239	1330207	Xylenes	0	30YrCancerDerived	*	0
88 ALL	487494.28	3673485.73	0.000112859	1330207	Xylenes	0	30YrCancerDerived	*	0
89 ALL	487515.12	3673485.73	0.000101008	1330207	Xylenes	0	30YrCancerDerived	*	0
90 ALL	487535.96	3673485.73	0.00010892	1330207	Xylenes	0	30YrCancerDerived	*	0
91 ALL	487556.8	3673485.73	0.000142906	1330207	Xylenes	0	30YrCancerDerived	*	0

92 ALL	487577.64	3673485.73	0.000221427	1330207	Xylenes	0	30YrCancerDerived	*	0
93 ALL	487598.48	3673485.73	0.000380365	1330207	Xylenes	0	30YrCancerDerived	*	0
94 ALL	487619.32	3673485.73	0.000690325	1330207	Xylenes	0	30YrCancerDerived	*	0
95 ALL	487640.16	3673485.73	0.001243396	1330207	Xylenes	0	30YrCancerDerived	*	0
96 ALL	487661	3673485.73	0.001750845	1330207	Xylenes	0	30YrCancerDerived	*	0
97 ALL	487681.84	3673485.73	0.00226379	1330207	Xylenes	0	30YrCancerDerived	*	0
98 ALL	487223.36	3673505.61	0.000046	1330207	Xylenes	0	30YrCancerDerived	*	0
99 ALL	487244.2	3673505.61	0.0000483	1330207	Xylenes	0	30YrCancerDerived	*	0
100 ALL	487327.56	3673505.61	0.0000628	1330207	Xylenes	0	30YrCancerDerived	*	0
101 ALL	487348.4	3673505.61	0.0000674	1330207	Xylenes	0	30YrCancerDerived	*	0
102 ALL	487369.24	3673505.61	0.000074	1330207	Xylenes	0	30YrCancerDerived	*	0
103 ALL	487390.08	3673505.61	0.0000871	1330207	Xylenes	0	30YrCancerDerived	*	0
104 ALL	487410.92	3673505.61	0.000107509	1330207	Xylenes	0	30YrCancerDerived	*	0
105 ALL	487431.76	3673505.61	0.000144174	1330207	Xylenes	0	30YrCancerDerived	*	0
106 ALL	487452.6	3673505.61	0.000153506	1330207	Xylenes	0	30YrCancerDerived	*	0
107 ALL	487473.44	3673505.61	0.000148497	1330207	Xylenes	0	30YrCancerDerived	*	0
108 ALL	487494.28	3673505.61	0.000129111	1330207	Xylenes	0	30YrCancerDerived	*	0
109 ALL	487515.12	3673505.61	0.000115772	1330207	Xylenes	0	30YrCancerDerived	*	0
110 ALL	487535.96	3673505.61	0.000114751	1330207	Xylenes	0	30YrCancerDerived	*	0
111 ALL	487556.8	3673505.61	0.000145255	1330207	Xylenes	0	30YrCancerDerived	*	0
112 ALL	487577.64	3673505.61	0.000270253	1330207	Xylenes	0	30YrCancerDerived	*	0
113 ALL	487598.48	3673505.61	0.000672904	1330207	Xylenes	0	30YrCancerDerived	*	0
114 ALL	487619.32	3673505.61	0.001343574	1330207	Xylenes	0	30YrCancerDerived	*	0
115 ALL	487640.16	3673505.61	0.001819042	1330207	Xylenes	0	30YrCancerDerived	*	0
116 ALL	487661	3673505.61	0.001686568	1330207	Xylenes	0	30YrCancerDerived	*	0
117 ALL	487681.84	3673505.61	0.001894273	1330207	Xylenes	0	30YrCancerDerived	*	0
118 ALL	487223.36	3673525.49	0.0000453	1330207	Xylenes	0	30YrCancerDerived	*	0
119 ALL	487244.2	3673525.49	0.0000478	1330207	Xylenes	0	30YrCancerDerived	*	0
120 ALL	487265.04	3673525.49	0.0000516	1330207	Xylenes	0	30YrCancerDerived	*	0
121 ALL	487306.72	3673525.49	0.0000611	1330207	Xylenes	0	30YrCancerDerived	*	0
122 ALL	487327.56	3673525.49	0.0000652	1330207	Xylenes	0	30YrCancerDerived	*	0
123 ALL	487348.4	3673525.49	0.0000711	1330207	Xylenes	0	30YrCancerDerived	*	0
124 ALL	487369.24	3673525.49	0.0000828	1330207	Xylenes	0	30YrCancerDerived	*	0
125 ALL	487390.08	3673525.49	0.0000999	1330207	Xylenes	0	30YrCancerDerived	*	0
126 ALL	487410.92	3673525.49	0.000122199	1330207	Xylenes	0	30YrCancerDerived	*	0

127 ALL	487431.76	3673525.49	0.000163511	1330207 Xylenes	0 30YrCancerDerived	*	0
128 ALL	487452.6	3673525.49	0.000170582	1330207 Xylenes	0 30YrCancerDerived	*	0
129 ALL	487473.44	3673525.49	0.000174243	1330207 Xylenes	0 30YrCancerDerived	*	0
130 ALL	487494.28	3673525.49	0.000169241	1330207 Xylenes	0 30YrCancerDerived	*	0
131 ALL	487515.12	3673525.49	0.000156988	1330207 Xylenes	0 30YrCancerDerived	*	0
132 ALL	487535.96	3673525.49	0.000153199	1330207 Xylenes	0 30YrCancerDerived	*	0
133 ALL	487556.8	3673525.49	0.000175969	1330207 Xylenes	0 30YrCancerDerived	*	0
134 ALL	487577.64	3673525.49	0.000300754	1330207 Xylenes	0 30YrCancerDerived	*	0
135 ALL	487598.48	3673525.49	0.000763861	1330207 Xylenes	0 30YrCancerDerived	*	0
136 ALL	487619.32	3673525.49	0.001715522	1330207 Xylenes	0 30YrCancerDerived	*	0
137 ALL	487640.16	3673525.49	0.001006687	1330207 Xylenes	0 30YrCancerDerived	*	0
138 ALL	487661	3673525.49	0.000707552	1330207 Xylenes	0 30YrCancerDerived	*	0
139 ALL	487202.52	3673545.37	0.0000428	1330207 Xylenes	0 30YrCancerDerived	*	0
140 ALL	487223.36	3673545.37	0.0000445	1330207 Xylenes	0 30YrCancerDerived	*	0
141 ALL	487244.2	3673545.37	0.0000476	1330207 Xylenes	0 30YrCancerDerived	*	0
142 ALL	487265.04	3673545.37	0.0000514	1330207 Xylenes	0 30YrCancerDerived	*	0
143 ALL	487285.88	3673545.37	0.0000568	1330207 Xylenes	0 30YrCancerDerived	*	0
144 ALL	487306.72	3673545.37	0.0000614	1330207 Xylenes	0 30YrCancerDerived	*	0
145 ALL	487327.56	3673545.37	0.0000662	1330207 Xylenes	0 30YrCancerDerived	*	0
146 ALL	487348.4	3673545.37	0.0000724	1330207 Xylenes	0 30YrCancerDerived	*	0
147 ALL	487369.24	3673545.37	0.0000814	1330207 Xylenes	0 30YrCancerDerived	*	0
148 ALL	487390.08	3673545.37	0.0000959	1330207 Xylenes	0 30YrCancerDerived	*	0
149 ALL	487410.92	3673545.37	0.000120458	1330207 Xylenes	0 30YrCancerDerived	*	0
150 ALL	487431.76	3673545.37	0.000131648	1330207 Xylenes	0 30YrCancerDerived	*	0
151 ALL	487452.6	3673545.37	0.000133673	1330207 Xylenes	0 30YrCancerDerived	*	0
152 ALL	487473.44	3673545.37	0.000147106	1330207 Xylenes	0 30YrCancerDerived	*	0
153 ALL	487494.28	3673545.37	0.000217599	1330207 Xylenes	0 30YrCancerDerived	*	0
154 ALL	487515.12	3673545.37	0.000247836	1330207 Xylenes	0 30YrCancerDerived	*	0
155 ALL	487535.96	3673545.37	0.000251672	1330207 Xylenes	0 30YrCancerDerived	*	0
156 ALL	487556.8	3673545.37	0.000253209	1330207 Xylenes	0 30YrCancerDerived	*	0
157 ALL	487577.64	3673545.37	0.000415104	1330207 Xylenes	0 30YrCancerDerived	*	0
158 ALL	487598.48	3673545.37	0.000879554	1330207 Xylenes	0 30YrCancerDerived	*	0
159 ALL	487619.32	3673545.37	0.000703662	1330207 Xylenes	0 30YrCancerDerived	*	0
160 ALL	487640.16	3673545.37	0.000362332	1330207 Xylenes	0 30YrCancerDerived	*	0
161 ALL	487661	3673545.37	0.000300828	1330207 Xylenes	0 30YrCancerDerived	*	0

162 ALL	487181.68	3673565.25	0.0000415	1330207	Xylenes	0	30YrCancerDerived	*	0
163 ALL	487202.52	3673565.25	0.0000425	1330207	Xylenes	0	30YrCancerDerived	*	0
164 ALL	487223.36	3673565.25	0.0000445	1330207	Xylenes	0	30YrCancerDerived	*	0
165 ALL	487244.2	3673565.25	0.000047	1330207	Xylenes	0	30YrCancerDerived	*	0
166 ALL	487265.04	3673565.25	0.0000496	1330207	Xylenes	0	30YrCancerDerived	*	0
167 ALL	487285.88	3673565.25	0.0000537	1330207	Xylenes	0	30YrCancerDerived	*	0
168 ALL	487306.72	3673565.25	0.0000562	1330207	Xylenes	0	30YrCancerDerived	*	0
169 ALL	487327.56	3673565.25	0.0000594	1330207	Xylenes	0	30YrCancerDerived	*	0
170 ALL	487348.4	3673565.25	0.0000648	1330207	Xylenes	0	30YrCancerDerived	*	0
171 ALL	487369.24	3673565.25	0.0000725	1330207	Xylenes	0	30YrCancerDerived	*	0
172 ALL	487390.08	3673565.25	0.0000849	1330207	Xylenes	0	30YrCancerDerived	*	0
173 ALL	487410.92	3673565.25	0.000100211	1330207	Xylenes	0	30YrCancerDerived	*	0
174 ALL	487431.76	3673565.25	0.0000946	1330207	Xylenes	0	30YrCancerDerived	*	0
175 ALL	487452.6	3673565.25	0.0000959	1330207	Xylenes	0	30YrCancerDerived	*	0
176 ALL	487473.44	3673565.25	0.000110145	1330207	Xylenes	0	30YrCancerDerived	*	0
177 ALL	487494.28	3673565.25	0.000152143	1330207	Xylenes	0	30YrCancerDerived	*	0
178 ALL	487515.12	3673565.25	0.000251484	1330207	Xylenes	0	30YrCancerDerived	*	0
179 ALL	487535.96	3673565.25	0.000406965	1330207	Xylenes	0	30YrCancerDerived	*	0
180 ALL	487556.8	3673565.25	0.000598044	1330207	Xylenes	0	30YrCancerDerived	*	0
181 ALL	487577.64	3673565.25	0.000856192	1330207	Xylenes	0	30YrCancerDerived	*	0
182 ALL	487598.48	3673565.25	0.000698482	1330207	Xylenes	0	30YrCancerDerived	*	0
183 ALL	487619.32	3673565.25	0.000321786	1330207	Xylenes	0	30YrCancerDerived	*	0
184 ALL	487640.16	3673565.25	0.000201501	1330207	Xylenes	0	30YrCancerDerived	*	0
185 ALL	487098.32	3673585.13	0.0000384	1330207	Xylenes	0	30YrCancerDerived	*	0
186 ALL	487119.16	3673585.13	0.0000391	1330207	Xylenes	0	30YrCancerDerived	*	0
187 ALL	487140	3673585.13	0.0000399	1330207	Xylenes	0	30YrCancerDerived	*	0
188 ALL	487160.84	3673585.13	0.0000408	1330207	Xylenes	0	30YrCancerDerived	*	0
189 ALL	487181.68	3673585.13	0.0000413	1330207	Xylenes	0	30YrCancerDerived	*	0
190 ALL	487202.52	3673585.13	0.0000417	1330207	Xylenes	0	30YrCancerDerived	*	0
191 ALL	487223.36	3673585.13	0.0000429	1330207	Xylenes	0	30YrCancerDerived	*	0
192 ALL	487244.2	3673585.13	0.0000449	1330207	Xylenes	0	30YrCancerDerived	*	0
193 ALL	487265.04	3673585.13	0.0000468	1330207	Xylenes	0	30YrCancerDerived	*	0
194 ALL	487285.88	3673585.13	0.0000492	1330207	Xylenes	0	30YrCancerDerived	*	0
195 ALL	487306.72	3673585.13	0.0000519	1330207	Xylenes	0	30YrCancerDerived	*	0
196 ALL	487327.56	3673585.13	0.0000553	1330207	Xylenes	0	30YrCancerDerived	*	0

197 ALL	487348.4	3673585.13	0.0000588	1330207	Xylenes	0	30YrCancerDerived	*	0
198 ALL	487369.24	3673585.13	0.0000656	1330207	Xylenes	0	30YrCancerDerived	*	0
199 ALL	487390.08	3673585.13	0.0000778	1330207	Xylenes	0	30YrCancerDerived	*	0
200 ALL	487410.92	3673585.13	0.0000844	1330207	Xylenes	0	30YrCancerDerived	*	0
201 ALL	487431.76	3673585.13	0.0000759	1330207	Xylenes	0	30YrCancerDerived	*	0
202 ALL	487452.6	3673585.13	0.0000781	1330207	Xylenes	0	30YrCancerDerived	*	0
203 ALL	487473.44	3673585.13	0.0000867	1330207	Xylenes	0	30YrCancerDerived	*	0
204 ALL	487494.28	3673585.13	0.000102016	1330207	Xylenes	0	30YrCancerDerived	*	0
205 ALL	487515.12	3673585.13	0.000156959	1330207	Xylenes	0	30YrCancerDerived	*	0
206 ALL	487535.96	3673585.13	0.000253814	1330207	Xylenes	0	30YrCancerDerived	*	0
207 ALL	487556.8	3673585.13	0.000418819	1330207	Xylenes	0	30YrCancerDerived	*	0
208 ALL	487577.64	3673585.13	0.000547518	1330207	Xylenes	0	30YrCancerDerived	*	0
209 ALL	487598.48	3673585.13	0.000319791	1330207	Xylenes	0	30YrCancerDerived	*	0
210 ALL	487619.32	3673585.13	0.000176756	1330207	Xylenes	0	30YrCancerDerived	*	0
211 ALL	487098.32	3673605.01	0.000039	1330207	Xylenes	0	30YrCancerDerived	*	0
212 ALL	487119.16	3673605.01	0.0000397	1330207	Xylenes	0	30YrCancerDerived	*	0
213 ALL	487140	3673605.01	0.0000405	1330207	Xylenes	0	30YrCancerDerived	*	0
214 ALL	487160.84	3673605.01	0.000041	1330207	Xylenes	0	30YrCancerDerived	*	0
215 ALL	487181.68	3673605.01	0.0000407	1330207	Xylenes	0	30YrCancerDerived	*	0
216 ALL	487202.52	3673605.01	0.0000406	1330207	Xylenes	0	30YrCancerDerived	*	0
217 ALL	487223.36	3673605.01	0.0000413	1330207	Xylenes	0	30YrCancerDerived	*	0
218 ALL	487244.2	3673605.01	0.0000431	1330207	Xylenes	0	30YrCancerDerived	*	0
219 ALL	487265.04	3673605.01	0.0000453	1330207	Xylenes	0	30YrCancerDerived	*	0
220 ALL	487285.88	3673605.01	0.0000473	1330207	Xylenes	0	30YrCancerDerived	*	0
221 ALL	487306.72	3673605.01	0.0000495	1330207	Xylenes	0	30YrCancerDerived	*	0
222 ALL	487327.56	3673605.01	0.0000517	1330207	Xylenes	0	30YrCancerDerived	*	0
223 ALL	487348.4	3673605.01	0.0000555	1330207	Xylenes	0	30YrCancerDerived	*	0
224 ALL	487369.24	3673605.01	0.0000601	1330207	Xylenes	0	30YrCancerDerived	*	0
225 ALL	487390.08	3673605.01	0.0000713	1330207	Xylenes	0	30YrCancerDerived	*	0
226 ALL	487410.92	3673605.01	0.000075	1330207	Xylenes	0	30YrCancerDerived	*	0
227 ALL	487431.76	3673605.01	0.0000678	1330207	Xylenes	0	30YrCancerDerived	*	0
228 ALL	487452.6	3673605.01	0.0000692	1330207	Xylenes	0	30YrCancerDerived	*	0
229 ALL	487473.44	3673605.01	0.0000749	1330207	Xylenes	0	30YrCancerDerived	*	0
230 ALL	487494.28	3673605.01	0.0000855	1330207	Xylenes	0	30YrCancerDerived	*	0
231 ALL	487515.12	3673605.01	0.000112392	1330207	Xylenes	0	30YrCancerDerived	*	0

232 ALL	487535.96	3673605.01	0.000190028	1330207	Xylenes	0	30YrCancerDerived	*	0
233 ALL	487556.8	3673605.01	0.000313761	1330207	Xylenes	0	30YrCancerDerived	*	0
234 ALL	487577.64	3673605.01	0.000286617	1330207	Xylenes	0	30YrCancerDerived	*	0
235 ALL	487598.48	3673605.01	0.000163043	1330207	Xylenes	0	30YrCancerDerived	*	0
236 ALL	487119.16	3673624.89	0.0000407	1330207	Xylenes	0	30YrCancerDerived	*	0
237 ALL	487140	3673624.89	0.0000407	1330207	Xylenes	0	30YrCancerDerived	*	0
238 ALL	487160.84	3673624.89	0.0000407	1330207	Xylenes	0	30YrCancerDerived	*	0
239 ALL	487181.68	3673624.89	0.0000405	1330207	Xylenes	0	30YrCancerDerived	*	0
240 ALL	487202.52	3673624.89	0.0000402	1330207	Xylenes	0	30YrCancerDerived	*	0
241 ALL	487223.36	3673624.89	0.0000405	1330207	Xylenes	0	30YrCancerDerived	*	0
242 ALL	487244.2	3673624.89	0.0000419	1330207	Xylenes	0	30YrCancerDerived	*	0
243 ALL	487265.04	3673624.89	0.0000442	1330207	Xylenes	0	30YrCancerDerived	*	0
244 ALL	487285.88	3673624.89	0.0000461	1330207	Xylenes	0	30YrCancerDerived	*	0
245 ALL	487306.72	3673624.89	0.000048	1330207	Xylenes	0	30YrCancerDerived	*	0
246 ALL	487327.56	3673624.89	0.0000503	1330207	Xylenes	0	30YrCancerDerived	*	0
247 ALL	487348.4	3673624.89	0.0000534	1330207	Xylenes	0	30YrCancerDerived	*	0
248 ALL	487369.24	3673624.89	0.0000579	1330207	Xylenes	0	30YrCancerDerived	*	0
249 ALL	487390.08	3673624.89	0.0000672	1330207	Xylenes	0	30YrCancerDerived	*	0
250 ALL	487410.92	3673624.89	0.0000707	1330207	Xylenes	0	30YrCancerDerived	*	0
251 ALL	487431.76	3673624.89	0.0000615	1330207	Xylenes	0	30YrCancerDerived	*	0
252 ALL	487452.6	3673624.89	0.0000622	1330207	Xylenes	0	30YrCancerDerived	*	0
253 ALL	487473.44	3673624.89	0.0000678	1330207	Xylenes	0	30YrCancerDerived	*	0
254 ALL	487494.28	3673624.89	0.000076	1330207	Xylenes	0	30YrCancerDerived	*	0
255 ALL	487515.12	3673624.89	0.0000982	1330207	Xylenes	0	30YrCancerDerived	*	0
256 ALL	487535.96	3673624.89	0.000158011	1330207	Xylenes	0	30YrCancerDerived	*	0
257 ALL	487556.8	3673624.89	0.000189787	1330207	Xylenes	0	30YrCancerDerived	*	0
258 ALL	487577.64	3673624.89	0.000134452	1330207	Xylenes	0	30YrCancerDerived	*	0
259 ALL	487119.16	3673644.77	0.0000399	1330207	Xylenes	0	30YrCancerDerived	*	0
260 ALL	487140	3673644.77	0.0000394	1330207	Xylenes	0	30YrCancerDerived	*	0
261 ALL	487160.84	3673644.77	0.0000397	1330207	Xylenes	0	30YrCancerDerived	*	0
262 ALL	487181.68	3673644.77	0.00004	1330207	Xylenes	0	30YrCancerDerived	*	0
263 ALL	487202.52	3673644.77	0.0000401	1330207	Xylenes	0	30YrCancerDerived	*	0
264 ALL	487223.36	3673644.77	0.0000403	1330207	Xylenes	0	30YrCancerDerived	*	0
265 ALL	487244.2	3673644.77	0.0000413	1330207	Xylenes	0	30YrCancerDerived	*	0
266 ALL	487265.04	3673644.77	0.0000433	1330207	Xylenes	0	30YrCancerDerived	*	0

267 ALL	487285.88	3673644.77	0.0000452	1330207	Xylenes	0	30YrCancerDerived	*	0
268 ALL	487306.72	3673644.77	0.000047	1330207	Xylenes	0	30YrCancerDerived	*	0
269 ALL	487327.56	3673644.77	0.000049	1330207	Xylenes	0	30YrCancerDerived	*	0
270 ALL	487348.4	3673644.77	0.0000514	1330207	Xylenes	0	30YrCancerDerived	*	0
271 ALL	487369.24	3673644.77	0.0000547	1330207	Xylenes	0	30YrCancerDerived	*	0
272 ALL	487390.08	3673644.77	0.0000626	1330207	Xylenes	0	30YrCancerDerived	*	0
273 ALL	487410.92	3673644.77	0.0000671	1330207	Xylenes	0	30YrCancerDerived	*	0
274 ALL	487431.76	3673644.77	0.0000598	1330207	Xylenes	0	30YrCancerDerived	*	0
275 ALL	487452.6	3673644.77	0.000058	1330207	Xylenes	0	30YrCancerDerived	*	0
276 ALL	487473.44	3673644.77	0.0000603	1330207	Xylenes	0	30YrCancerDerived	*	0
277 ALL	487494.28	3673644.77	0.0000694	1330207	Xylenes	0	30YrCancerDerived	*	0
278 ALL	487515.12	3673644.77	0.0000919	1330207	Xylenes	0	30YrCancerDerived	*	0
279 ALL	487535.96	3673644.77	0.000124139	1330207	Xylenes	0	30YrCancerDerived	*	0
280 ALL	487556.8	3673644.77	0.000110993	1330207	Xylenes	0	30YrCancerDerived	*	0
281 ALL	487160.84	3673664.65	0.0000383	1330207	Xylenes	0	30YrCancerDerived	*	0
282 ALL	487181.68	3673664.65	0.0000389	1330207	Xylenes	0	30YrCancerDerived	*	0
283 ALL	487202.52	3673664.65	0.0000393	1330207	Xylenes	0	30YrCancerDerived	*	0
284 ALL	487223.36	3673664.65	0.0000398	1330207	Xylenes	0	30YrCancerDerived	*	0
285 ALL	487244.2	3673664.65	0.0000407	1330207	Xylenes	0	30YrCancerDerived	*	0
286 ALL	487327.56	3673664.65	0.0000482	1330207	Xylenes	0	30YrCancerDerived	*	0
287 ALL	487348.4	3673664.65	0.0000505	1330207	Xylenes	0	30YrCancerDerived	*	0
288 ALL	487369.24	3673664.65	0.0000531	1330207	Xylenes	0	30YrCancerDerived	*	0
289 ALL	487390.08	3673664.65	0.00006	1330207	Xylenes	0	30YrCancerDerived	*	0
290 ALL	487410.92	3673664.65	0.0000648	1330207	Xylenes	0	30YrCancerDerived	*	0
291 ALL	487431.76	3673664.65	0.0000577	1330207	Xylenes	0	30YrCancerDerived	*	0
292 ALL	487452.6	3673664.65	0.0000547	1330207	Xylenes	0	30YrCancerDerived	*	0
293 ALL	487473.44	3673664.65	0.0000565	1330207	Xylenes	0	30YrCancerDerived	*	0
294 ALL	487494.28	3673664.65	0.0000672	1330207	Xylenes	0	30YrCancerDerived	*	0
295 ALL	487515.12	3673664.65	0.000085	1330207	Xylenes	0	30YrCancerDerived	*	0
296 ALL	487535.96	3673664.65	0.0000864	1330207	Xylenes	0	30YrCancerDerived	*	0
297 ALL	487348.4	3673684.53	0.0000506	1330207	Xylenes	0	30YrCancerDerived	*	0
298 ALL	487369.24	3673684.53	0.000053	1330207	Xylenes	0	30YrCancerDerived	*	0
299 ALL	487390.08	3673684.53	0.000059	1330207	Xylenes	0	30YrCancerDerived	*	0
300 ALL	487410.92	3673684.53	0.0000601	1330207	Xylenes	0	30YrCancerDerived	*	0
301 ALL	487431.76	3673684.53	0.0000547	1330207	Xylenes	0	30YrCancerDerived	*	0

302 ALL	487452.6	3673684.53	0.0000525	1330207	Xylenes	0	30YrCancerDerived	*	0
303 ALL	487473.44	3673684.53	0.000056	1330207	Xylenes	0	30YrCancerDerived	*	0
304 ALL	487494.28	3673684.53	0.0000674	1330207	Xylenes	0	30YrCancerDerived	*	0
305 ALL	487515.12	3673684.53	0.0000719	1330207	Xylenes	0	30YrCancerDerived	*	0
306 ALL	487390.08	3673704.41	0.0000552	1330207	Xylenes	0	30YrCancerDerived	*	0
307 ALL	487410.92	3673704.41	0.0000534	1330207	Xylenes	0	30YrCancerDerived	*	0
308 ALL	487431.76	3673704.41	0.0000507	1330207	Xylenes	0	30YrCancerDerived	*	0
309 ALL	487452.6	3673704.41	0.0000508	1330207	Xylenes	0	30YrCancerDerived	*	0
310 ALL	487473.44	3673704.41	0.0000564	1330207	Xylenes	0	30YrCancerDerived	*	0
311 ALL	487494.28	3673704.41	0.0000617	1330207	Xylenes	0	30YrCancerDerived	*	0
312 ALL	487390.08	3673724.29	0.0000498	1330207	Xylenes	0	30YrCancerDerived	*	0
313 ALL	487410.92	3673724.29	0.0000494	1330207	Xylenes	0	30YrCancerDerived	*	0
314 ALL	487431.76	3673724.29	0.0000483	1330207	Xylenes	0	30YrCancerDerived	*	0
315 ALL	487452.6	3673724.29	0.0000496	1330207	Xylenes	0	30YrCancerDerived	*	0
316 ALL	487473.44	3673724.29	0.0000545	1330207	Xylenes	0	30YrCancerDerived	*	0
317 ALL	487410.92	3673744.17	0.0000469	1330207	Xylenes	0	30YrCancerDerived	*	0
318 ALL	487431.76	3673744.17	0.0000468	1330207	Xylenes	0	30YrCancerDerived	*	0
319 ALL	487452.6	3673744.17	0.0000485	1330207	Xylenes	0	30YrCancerDerived	*	0
320 ALL	487473.44	3673744.17	0.0000509	1330207	Xylenes	0	30YrCancerDerived	*	0
321 ALL	487410.92	3673764.05	0.0000448	1330207	Xylenes	0	30YrCancerDerived	*	0
322 ALL	487431.76	3673764.05	0.0000451	1330207	Xylenes	0	30YrCancerDerived	*	0
323 ALL	487452.6	3673764.05	0.0000473	1330207	Xylenes	0	30YrCancerDerived	*	0
324 ALL	487431.76	3673783.93	0.0000436	1330207	Xylenes	0	30YrCancerDerived	*	0
325 ALL	487452.6	3673783.93	0.0000456	1330207	Xylenes	0	30YrCancerDerived	*	0
326 ALL	487014.96	3674221.29	0.0000231	1330207	Xylenes	0	30YrCancerDerived	*	0
327 ALL	487035.8	3674221.29	0.0000233	1330207	Xylenes	0	30YrCancerDerived	*	0
328 ALL	487056.64	3674221.29	0.0000237	1330207	Xylenes	0	30YrCancerDerived	*	0
329 ALL	487077.48	3674221.29	0.0000241	1330207	Xylenes	0	30YrCancerDerived	*	0
330 ALL	487098.32	3674221.29	0.0000243	1330207	Xylenes	0	30YrCancerDerived	*	0
331 ALL	487119.16	3674221.29	0.000025	1330207	Xylenes	0	30YrCancerDerived	*	0
332 ALL	487140	3674221.29	0.0000259	1330207	Xylenes	0	30YrCancerDerived	*	0
333 ALL	487160.84	3674221.29	0.0000269	1330207	Xylenes	0	30YrCancerDerived	*	0
334 ALL	487181.68	3674221.29	0.0000279	1330207	Xylenes	0	30YrCancerDerived	*	0
335 ALL	486973.28	3674241.17	0.0000227	1330207	Xylenes	0	30YrCancerDerived	*	0
336 ALL	486994.12	3674241.17	0.0000222	1330207	Xylenes	0	30YrCancerDerived	*	0

337 ALL	487014.96	3674241.17	0.0000226	1330207	Xylenes	0	30YrCancerDerived	*	0
338 ALL	487035.8	3674241.17	0.0000232	1330207	Xylenes	0	30YrCancerDerived	*	0
339 ALL	487056.64	3674241.17	0.0000237	1330207	Xylenes	0	30YrCancerDerived	*	0
340 ALL	487077.48	3674241.17	0.0000239	1330207	Xylenes	0	30YrCancerDerived	*	0
341 ALL	487098.32	3674241.17	0.0000243	1330207	Xylenes	0	30YrCancerDerived	*	0
342 ALL	487119.16	3674241.17	0.0000251	1330207	Xylenes	0	30YrCancerDerived	*	0
343 ALL	487140	3674241.17	0.0000263	1330207	Xylenes	0	30YrCancerDerived	*	0
344 ALL	487160.84	3674241.17	0.0000275	1330207	Xylenes	0	30YrCancerDerived	*	0
345 ALL	487181.68	3674241.17	0.0000289	1330207	Xylenes	0	30YrCancerDerived	*	0
346 ALL	486952.44	3674261.05	0.0000225	1330207	Xylenes	0	30YrCancerDerived	*	0
347 ALL	486973.28	3674261.05	0.0000218	1330207	Xylenes	0	30YrCancerDerived	*	0
348 ALL	486994.12	3674261.05	0.0000218	1330207	Xylenes	0	30YrCancerDerived	*	0
349 ALL	487014.96	3674261.05	0.0000223	1330207	Xylenes	0	30YrCancerDerived	*	0
350 ALL	487035.8	3674261.05	0.0000228	1330207	Xylenes	0	30YrCancerDerived	*	0
351 ALL	487056.64	3674261.05	0.0000233	1330207	Xylenes	0	30YrCancerDerived	*	0
352 ALL	487077.48	3674261.05	0.0000237	1330207	Xylenes	0	30YrCancerDerived	*	0
353 ALL	487098.32	3674261.05	0.0000243	1330207	Xylenes	0	30YrCancerDerived	*	0
354 ALL	487119.16	3674261.05	0.0000252	1330207	Xylenes	0	30YrCancerDerived	*	0
355 ALL	487140	3674261.05	0.0000264	1330207	Xylenes	0	30YrCancerDerived	*	0
356 ALL	487160.84	3674261.05	0.0000277	1330207	Xylenes	0	30YrCancerDerived	*	0
357 ALL	487181.68	3674261.05	0.0000296	1330207	Xylenes	0	30YrCancerDerived	*	0
358 ALL	486931.6	3674280.93	0.0000237	1330207	Xylenes	0	30YrCancerDerived	*	0
359 ALL	486952.44	3674280.93	0.0000218	1330207	Xylenes	0	30YrCancerDerived	*	0
360 ALL	486973.28	3674280.93	0.0000213	1330207	Xylenes	0	30YrCancerDerived	*	0
361 ALL	486994.12	3674280.93	0.0000215	1330207	Xylenes	0	30YrCancerDerived	*	0
362 ALL	487014.96	3674280.93	0.000022	1330207	Xylenes	0	30YrCancerDerived	*	0
363 ALL	487035.8	3674280.93	0.0000226	1330207	Xylenes	0	30YrCancerDerived	*	0
364 ALL	487056.64	3674280.93	0.000023	1330207	Xylenes	0	30YrCancerDerived	*	0
365 ALL	487077.48	3674280.93	0.0000234	1330207	Xylenes	0	30YrCancerDerived	*	0
366 ALL	487098.32	3674280.93	0.0000244	1330207	Xylenes	0	30YrCancerDerived	*	0
367 ALL	487119.16	3674280.93	0.0000256	1330207	Xylenes	0	30YrCancerDerived	*	0
368 ALL	487140	3674280.93	0.0000265	1330207	Xylenes	0	30YrCancerDerived	*	0
369 ALL	487160.84	3674280.93	0.0000279	1330207	Xylenes	0	30YrCancerDerived	*	0
370 ALL	487181.68	3674280.93	0.0000304	1330207	Xylenes	0	30YrCancerDerived	*	0
371 ALL	486889.92	3674300.81	0.000035	1330207	Xylenes	0	30YrCancerDerived	*	0

372 ALL	486910.76	3674300.81	0.0000273	1330207	Xylenes	0	30YrCancerDerived	*	0
373 ALL	486931.6	3674300.81	0.0000226	1330207	Xylenes	0	30YrCancerDerived	*	0
374 ALL	486952.44	3674300.81	0.0000215	1330207	Xylenes	0	30YrCancerDerived	*	0
375 ALL	486973.28	3674300.81	0.0000212	1330207	Xylenes	0	30YrCancerDerived	*	0
376 ALL	486994.12	3674300.81	0.0000215	1330207	Xylenes	0	30YrCancerDerived	*	0
377 ALL	487014.96	3674300.81	0.000022	1330207	Xylenes	0	30YrCancerDerived	*	0
378 ALL	487035.8	3674300.81	0.0000224	1330207	Xylenes	0	30YrCancerDerived	*	0
379 ALL	487056.64	3674300.81	0.0000228	1330207	Xylenes	0	30YrCancerDerived	*	0
380 ALL	487077.48	3674300.81	0.0000234	1330207	Xylenes	0	30YrCancerDerived	*	0
381 ALL	487098.32	3674300.81	0.0000248	1330207	Xylenes	0	30YrCancerDerived	*	0
382 ALL	487119.16	3674300.81	0.0000262	1330207	Xylenes	0	30YrCancerDerived	*	0
383 ALL	487140	3674300.81	0.0000272	1330207	Xylenes	0	30YrCancerDerived	*	0
384 ALL	487160.84	3674300.81	0.0000286	1330207	Xylenes	0	30YrCancerDerived	*	0
385 ALL	487181.68	3674300.81	0.0000313	1330207	Xylenes	0	30YrCancerDerived	*	0
386 ALL	486869.08	3674320.69	0.0000504	1330207	Xylenes	0	30YrCancerDerived	*	0
387 ALL	486889.92	3674320.69	0.000036	1330207	Xylenes	0	30YrCancerDerived	*	0
388 ALL	486910.76	3674320.69	0.0000269	1330207	Xylenes	0	30YrCancerDerived	*	0
389 ALL	486931.6	3674320.69	0.0000224	1330207	Xylenes	0	30YrCancerDerived	*	0
390 ALL	486952.44	3674320.69	0.0000216	1330207	Xylenes	0	30YrCancerDerived	*	0
391 ALL	486973.28	3674320.69	0.0000214	1330207	Xylenes	0	30YrCancerDerived	*	0
392 ALL	486994.12	3674320.69	0.0000216	1330207	Xylenes	0	30YrCancerDerived	*	0
393 ALL	487014.96	3674320.69	0.0000223	1330207	Xylenes	0	30YrCancerDerived	*	0
394 ALL	487035.8	3674320.69	0.0000227	1330207	Xylenes	0	30YrCancerDerived	*	0
395 ALL	487056.64	3674320.69	0.0000229	1330207	Xylenes	0	30YrCancerDerived	*	0
396 ALL	487077.48	3674320.69	0.0000238	1330207	Xylenes	0	30YrCancerDerived	*	0
397 ALL	487098.32	3674320.69	0.0000253	1330207	Xylenes	0	30YrCancerDerived	*	0
398 ALL	487119.16	3674320.69	0.0000266	1330207	Xylenes	0	30YrCancerDerived	*	0
399 ALL	487140	3674320.69	0.0000281	1330207	Xylenes	0	30YrCancerDerived	*	0
400 ALL	487160.84	3674320.69	0.0000296	1330207	Xylenes	0	30YrCancerDerived	*	0
401 ALL	487181.68	3674320.69	0.0000321	1330207	Xylenes	0	30YrCancerDerived	*	0
402 ALL	486848.24	3674340.57	0.0000863	1330207	Xylenes	0	30YrCancerDerived	*	0
403 ALL	486869.08	3674340.57	0.0000571	1330207	Xylenes	0	30YrCancerDerived	*	0
404 ALL	486889.92	3674340.57	0.0000393	1330207	Xylenes	0	30YrCancerDerived	*	0
405 ALL	486910.76	3674340.57	0.0000283	1330207	Xylenes	0	30YrCancerDerived	*	0
406 ALL	486931.6	3674340.57	0.0000229	1330207	Xylenes	0	30YrCancerDerived	*	0

407 ALL	486952.44	3674340.57	0.0000219	1330207	Xylenes	0	30YrCancerDerived	*	0
408 ALL	486973.28	3674340.57	0.0000219	1330207	Xylenes	0	30YrCancerDerived	*	0
409 ALL	486994.12	3674340.57	0.0000224	1330207	Xylenes	0	30YrCancerDerived	*	0
410 ALL	487014.96	3674340.57	0.0000229	1330207	Xylenes	0	30YrCancerDerived	*	0
411 ALL	487035.8	3674340.57	0.0000231	1330207	Xylenes	0	30YrCancerDerived	*	0
412 ALL	487056.64	3674340.57	0.0000234	1330207	Xylenes	0	30YrCancerDerived	*	0
413 ALL	487077.48	3674340.57	0.0000242	1330207	Xylenes	0	30YrCancerDerived	*	0
414 ALL	487098.32	3674340.57	0.0000257	1330207	Xylenes	0	30YrCancerDerived	*	0
415 ALL	487119.16	3674340.57	0.0000269	1330207	Xylenes	0	30YrCancerDerived	*	0
416 ALL	487140	3674340.57	0.0000286	1330207	Xylenes	0	30YrCancerDerived	*	0
417 ALL	487160.84	3674340.57	0.0000309	1330207	Xylenes	0	30YrCancerDerived	*	0
418 ALL	487181.68	3674340.57	0.0000339	1330207	Xylenes	0	30YrCancerDerived	*	0
419 ALL	486806.56	3674360.45	0.000153816	1330207	Xylenes	0	30YrCancerDerived	*	0
420 ALL	486827.4	3674360.45	0.000116445	1330207	Xylenes	0	30YrCancerDerived	*	0
421 ALL	486848.24	3674360.45	0.0000871	1330207	Xylenes	0	30YrCancerDerived	*	0
422 ALL	486869.08	3674360.45	0.000063	1330207	Xylenes	0	30YrCancerDerived	*	0
423 ALL	486889.92	3674360.45	0.0000444	1330207	Xylenes	0	30YrCancerDerived	*	0
424 ALL	486910.76	3674360.45	0.0000316	1330207	Xylenes	0	30YrCancerDerived	*	0
425 ALL	486931.6	3674360.45	0.0000253	1330207	Xylenes	0	30YrCancerDerived	*	0
426 ALL	486952.44	3674360.45	0.000023	1330207	Xylenes	0	30YrCancerDerived	*	0
427 ALL	486973.28	3674360.45	0.000023	1330207	Xylenes	0	30YrCancerDerived	*	0
428 ALL	486994.12	3674360.45	0.0000234	1330207	Xylenes	0	30YrCancerDerived	*	0
429 ALL	487014.96	3674360.45	0.0000236	1330207	Xylenes	0	30YrCancerDerived	*	0
430 ALL	487035.8	3674360.45	0.0000236	1330207	Xylenes	0	30YrCancerDerived	*	0
431 ALL	487056.64	3674360.45	0.0000239	1330207	Xylenes	0	30YrCancerDerived	*	0
432 ALL	487077.48	3674360.45	0.0000247	1330207	Xylenes	0	30YrCancerDerived	*	0
433 ALL	487098.32	3674360.45	0.0000259	1330207	Xylenes	0	30YrCancerDerived	*	0
434 ALL	487119.16	3674360.45	0.0000271	1330207	Xylenes	0	30YrCancerDerived	*	0
435 ALL	487140	3674360.45	0.0000286	1330207	Xylenes	0	30YrCancerDerived	*	0
436 ALL	487160.84	3674360.45	0.0000314	1330207	Xylenes	0	30YrCancerDerived	*	0
437 ALL	487181.68	3674360.45	0.0000354	1330207	Xylenes	0	30YrCancerDerived	*	0
438 ALL	486785.72	3674380.33	0.000125468	1330207	Xylenes	0	30YrCancerDerived	*	0
439 ALL	486806.56	3674380.33	0.00012172	1330207	Xylenes	0	30YrCancerDerived	*	0
440 ALL	486827.4	3674380.33	0.000101473	1330207	Xylenes	0	30YrCancerDerived	*	0
441 ALL	486848.24	3674380.33	0.0000822	1330207	Xylenes	0	30YrCancerDerived	*	0

442	ALL	486869.08	3674380.33	0.0000655	1330207	Xylenes	0	30YrCancerDerived	*	0
443	ALL	486889.92	3674380.33	0.0000496	1330207	Xylenes	0	30YrCancerDerived	*	0
444	ALL	486910.76	3674380.33	0.0000356	1330207	Xylenes	0	30YrCancerDerived	*	0
445	ALL	486931.6	3674380.33	0.0000294	1330207	Xylenes	0	30YrCancerDerived	*	0
446	ALL	486952.44	3674380.33	0.0000258	1330207	Xylenes	0	30YrCancerDerived	*	0
447	ALL	486973.28	3674380.33	0.0000246	1330207	Xylenes	0	30YrCancerDerived	*	0
448	ALL	486994.12	3674380.33	0.0000246	1330207	Xylenes	0	30YrCancerDerived	*	0
449	ALL	487014.96	3674380.33	0.0000242	1330207	Xylenes	0	30YrCancerDerived	*	0
450	ALL	487035.8	3674380.33	0.000024	1330207	Xylenes	0	30YrCancerDerived	*	0
451	ALL	487056.64	3674380.33	0.0000244	1330207	Xylenes	0	30YrCancerDerived	*	0
452	ALL	487077.48	3674380.33	0.0000253	1330207	Xylenes	0	30YrCancerDerived	*	0
453	ALL	487098.32	3674380.33	0.0000262	1330207	Xylenes	0	30YrCancerDerived	*	0
454	ALL	487119.16	3674380.33	0.0000273	1330207	Xylenes	0	30YrCancerDerived	*	0
455	ALL	487140	3674380.33	0.0000287	1330207	Xylenes	0	30YrCancerDerived	*	0
456	ALL	487160.84	3674380.33	0.0000308	1330207	Xylenes	0	30YrCancerDerived	*	0
457	ALL	487181.68	3674380.33	0.0000346	1330207	Xylenes	0	30YrCancerDerived	*	0
458	ALL	486702.36	3674400.21	0.0000408	1330207	Xylenes	0	30YrCancerDerived	*	0
459	ALL	486723.2	3674400.21	0.0000497	1330207	Xylenes	0	30YrCancerDerived	*	0
460	ALL	486744.04	3674400.21	0.0000684	1330207	Xylenes	0	30YrCancerDerived	*	0
461	ALL	486764.88	3674400.21	0.000099	1330207	Xylenes	0	30YrCancerDerived	*	0
462	ALL	486785.72	3674400.21	0.000114434	1330207	Xylenes	0	30YrCancerDerived	*	0
463	ALL	486806.56	3674400.21	0.0000974	1330207	Xylenes	0	30YrCancerDerived	*	0
464	ALL	486827.4	3674400.21	0.0000827	1330207	Xylenes	0	30YrCancerDerived	*	0
465	ALL	486848.24	3674400.21	0.0000769	1330207	Xylenes	0	30YrCancerDerived	*	0
466	ALL	486869.08	3674400.21	0.000068	1330207	Xylenes	0	30YrCancerDerived	*	0
467	ALL	486889.92	3674400.21	0.0000521	1330207	Xylenes	0	30YrCancerDerived	*	0
468	ALL	486910.76	3674400.21	0.0000397	1330207	Xylenes	0	30YrCancerDerived	*	0
469	ALL	486931.6	3674400.21	0.0000338	1330207	Xylenes	0	30YrCancerDerived	*	0
470	ALL	486952.44	3674400.21	0.0000301	1330207	Xylenes	0	30YrCancerDerived	*	0
471	ALL	486973.28	3674400.21	0.0000276	1330207	Xylenes	0	30YrCancerDerived	*	0
472	ALL	486994.12	3674400.21	0.0000262	1330207	Xylenes	0	30YrCancerDerived	*	0
473	ALL	487014.96	3674400.21	0.0000249	1330207	Xylenes	0	30YrCancerDerived	*	0
474	ALL	487035.8	3674400.21	0.0000246	1330207	Xylenes	0	30YrCancerDerived	*	0
475	ALL	487056.64	3674400.21	0.000025	1330207	Xylenes	0	30YrCancerDerived	*	0
476	ALL	487077.48	3674400.21	0.0000257	1330207	Xylenes	0	30YrCancerDerived	*	0

477 ALL	487098.32	3674400.21	0.0000267	1330207	Xylenes	0	30YrCancerDerived	*	0
478 ALL	487119.16	3674400.21	0.0000279	1330207	Xylenes	0	30YrCancerDerived	*	0
479 ALL	487140	3674400.21	0.0000292	1330207	Xylenes	0	30YrCancerDerived	*	0
480 ALL	487160.84	3674400.21	0.0000312	1330207	Xylenes	0	30YrCancerDerived	*	0
481 ALL	487181.68	3674400.21	0.0000342	1330207	Xylenes	0	30YrCancerDerived	*	0
482 ALL	486619	3674420.09	0.0000214	1330207	Xylenes	0	30YrCancerDerived	*	0
483 ALL	486639.84	3674420.09	0.0000248	1330207	Xylenes	0	30YrCancerDerived	*	0
484 ALL	486660.68	3674420.09	0.0000289	1330207	Xylenes	0	30YrCancerDerived	*	0
485 ALL	486681.52	3674420.09	0.0000343	1330207	Xylenes	0	30YrCancerDerived	*	0
486 ALL	486702.36	3674420.09	0.0000431	1330207	Xylenes	0	30YrCancerDerived	*	0
487 ALL	486723.2	3674420.09	0.000053	1330207	Xylenes	0	30YrCancerDerived	*	0
488 ALL	486744.04	3674420.09	0.0000712	1330207	Xylenes	0	30YrCancerDerived	*	0
489 ALL	486764.88	3674420.09	0.0000992	1330207	Xylenes	0	30YrCancerDerived	*	0
490 ALL	486785.72	3674420.09	0.000109663	1330207	Xylenes	0	30YrCancerDerived	*	0
491 ALL	486806.56	3674420.09	0.0000887	1330207	Xylenes	0	30YrCancerDerived	*	0
492 ALL	486827.4	3674420.09	0.0000679	1330207	Xylenes	0	30YrCancerDerived	*	0
493 ALL	486848.24	3674420.09	0.0000631	1330207	Xylenes	0	30YrCancerDerived	*	0
494 ALL	486869.08	3674420.09	0.0000638	1330207	Xylenes	0	30YrCancerDerived	*	0
495 ALL	486889.92	3674420.09	0.0000545	1330207	Xylenes	0	30YrCancerDerived	*	0
496 ALL	486910.76	3674420.09	0.0000431	1330207	Xylenes	0	30YrCancerDerived	*	0
497 ALL	486931.6	3674420.09	0.0000377	1330207	Xylenes	0	30YrCancerDerived	*	0
498 ALL	486952.44	3674420.09	0.0000342	1330207	Xylenes	0	30YrCancerDerived	*	0
499 ALL	486973.28	3674420.09	0.0000312	1330207	Xylenes	0	30YrCancerDerived	*	0
500 ALL	486994.12	3674420.09	0.0000277	1330207	Xylenes	0	30YrCancerDerived	*	0
501 ALL	487014.96	3674420.09	0.0000265	1330207	Xylenes	0	30YrCancerDerived	*	0
502 ALL	487035.8	3674420.09	0.0000258	1330207	Xylenes	0	30YrCancerDerived	*	0
503 ALL	487056.64	3674420.09	0.0000261	1330207	Xylenes	0	30YrCancerDerived	*	0
504 ALL	487077.48	3674420.09	0.0000262	1330207	Xylenes	0	30YrCancerDerived	*	0
505 ALL	487098.32	3674420.09	0.0000271	1330207	Xylenes	0	30YrCancerDerived	*	0
506 ALL	487119.16	3674420.09	0.0000283	1330207	Xylenes	0	30YrCancerDerived	*	0
507 ALL	487140	3674420.09	0.00003	1330207	Xylenes	0	30YrCancerDerived	*	0
508 ALL	487160.84	3674420.09	0.0000328	1330207	Xylenes	0	30YrCancerDerived	*	0
509 ALL	487181.68	3674420.09	0.0000357	1330207	Xylenes	0	30YrCancerDerived	*	0
510 ALL	486577.32	3674439.97	0.0000182	1330207	Xylenes	0	30YrCancerDerived	*	0
511 ALL	486598.16	3674439.97	0.0000197	1330207	Xylenes	0	30YrCancerDerived	*	0

512 ALL	486619	3674439.97	0.0000222	1330207	Xylenes	0	30YrCancerDerived	*	0
513 ALL	486639.84	3674439.97	0.0000266	1330207	Xylenes	0	30YrCancerDerived	*	0
514 ALL	486660.68	3674439.97	0.0000317	1330207	Xylenes	0	30YrCancerDerived	*	0
515 ALL	486681.52	3674439.97	0.0000403	1330207	Xylenes	0	30YrCancerDerived	*	0
516 ALL	486702.36	3674439.97	0.0000464	1330207	Xylenes	0	30YrCancerDerived	*	0
517 ALL	486723.2	3674439.97	0.0000581	1330207	Xylenes	0	30YrCancerDerived	*	0
518 ALL	486744.04	3674439.97	0.0000754	1330207	Xylenes	0	30YrCancerDerived	*	0
519 ALL	486764.88	3674439.97	0.0000942	1330207	Xylenes	0	30YrCancerDerived	*	0
520 ALL	486785.72	3674439.97	0.00010057	1330207	Xylenes	0	30YrCancerDerived	*	0
521 ALL	486806.56	3674439.97	0.0000803	1330207	Xylenes	0	30YrCancerDerived	*	0
522 ALL	486827.4	3674439.97	0.0000586	1330207	Xylenes	0	30YrCancerDerived	*	0
523 ALL	486848.24	3674439.97	0.0000491	1330207	Xylenes	0	30YrCancerDerived	*	0
524 ALL	486869.08	3674439.97	0.0000493	1330207	Xylenes	0	30YrCancerDerived	*	0
525 ALL	486889.92	3674439.97	0.0000508	1330207	Xylenes	0	30YrCancerDerived	*	0
526 ALL	486910.76	3674439.97	0.0000452	1330207	Xylenes	0	30YrCancerDerived	*	0
527 ALL	486931.6	3674439.97	0.0000406	1330207	Xylenes	0	30YrCancerDerived	*	0
528 ALL	486952.44	3674439.97	0.0000376	1330207	Xylenes	0	30YrCancerDerived	*	0
529 ALL	486973.28	3674439.97	0.0000342	1330207	Xylenes	0	30YrCancerDerived	*	0
530 ALL	486994.12	3674439.97	0.0000301	1330207	Xylenes	0	30YrCancerDerived	*	0
531 ALL	487014.96	3674439.97	0.0000279	1330207	Xylenes	0	30YrCancerDerived	*	0
532 ALL	487035.8	3674439.97	0.000027	1330207	Xylenes	0	30YrCancerDerived	*	0
533 ALL	487056.64	3674439.97	0.0000265	1330207	Xylenes	0	30YrCancerDerived	*	0
534 ALL	487077.48	3674439.97	0.0000266	1330207	Xylenes	0	30YrCancerDerived	*	0
535 ALL	487098.32	3674439.97	0.0000272	1330207	Xylenes	0	30YrCancerDerived	*	0
536 ALL	487119.16	3674439.97	0.0000285	1330207	Xylenes	0	30YrCancerDerived	*	0
537 ALL	487140	3674439.97	0.0000302	1330207	Xylenes	0	30YrCancerDerived	*	0
538 ALL	487160.84	3674439.97	0.0000328	1330207	Xylenes	0	30YrCancerDerived	*	0
539 ALL	487181.68	3674439.97	0.0000362	1330207	Xylenes	0	30YrCancerDerived	*	0
540 ALL	486556.48	3674459.85	0.0000171	1330207	Xylenes	0	30YrCancerDerived	*	0
541 ALL	486577.32	3674459.85	0.0000177	1330207	Xylenes	0	30YrCancerDerived	*	0
542 ALL	486598.16	3674459.85	0.0000186	1330207	Xylenes	0	30YrCancerDerived	*	0
543 ALL	486619	3674459.85	0.0000202	1330207	Xylenes	0	30YrCancerDerived	*	0
544 ALL	486639.84	3674459.85	0.0000245	1330207	Xylenes	0	30YrCancerDerived	*	0
545 ALL	486660.68	3674459.85	0.0000303	1330207	Xylenes	0	30YrCancerDerived	*	0
546 ALL	486681.52	3674459.85	0.0000359	1330207	Xylenes	0	30YrCancerDerived	*	0

547 ALL	486702.36	3674459.85	0.0000415	1330207	Xylenes	0	30YrCancerDerived	*	0
548 ALL	486723.2	3674459.85	0.00005	1330207	Xylenes	0	30YrCancerDerived	*	0
549 ALL	486744.04	3674459.85	0.0000611	1330207	Xylenes	0	30YrCancerDerived	*	0
550 ALL	486764.88	3674459.85	0.0000717	1330207	Xylenes	0	30YrCancerDerived	*	0
551 ALL	486785.72	3674459.85	0.000079	1330207	Xylenes	0	30YrCancerDerived	*	0
552 ALL	486806.56	3674459.85	0.0000705	1330207	Xylenes	0	30YrCancerDerived	*	0
553 ALL	486827.4	3674459.85	0.0000524	1330207	Xylenes	0	30YrCancerDerived	*	0
554 ALL	486848.24	3674459.85	0.0000401	1330207	Xylenes	0	30YrCancerDerived	*	0
555 ALL	486869.08	3674459.85	0.000039	1330207	Xylenes	0	30YrCancerDerived	*	0
556 ALL	486889.92	3674459.85	0.0000414	1330207	Xylenes	0	30YrCancerDerived	*	0
557 ALL	486910.76	3674459.85	0.0000388	1330207	Xylenes	0	30YrCancerDerived	*	0
558 ALL	486931.6	3674459.85	0.0000368	1330207	Xylenes	0	30YrCancerDerived	*	0
559 ALL	486952.44	3674459.85	0.0000374	1330207	Xylenes	0	30YrCancerDerived	*	0
560 ALL	486973.28	3674459.85	0.000035	1330207	Xylenes	0	30YrCancerDerived	*	0
561 ALL	486994.12	3674459.85	0.0000314	1330207	Xylenes	0	30YrCancerDerived	*	0
562 ALL	487014.96	3674459.85	0.0000281	1330207	Xylenes	0	30YrCancerDerived	*	0
563 ALL	487035.8	3674459.85	0.0000269	1330207	Xylenes	0	30YrCancerDerived	*	0
564 ALL	487056.64	3674459.85	0.0000268	1330207	Xylenes	0	30YrCancerDerived	*	0
565 ALL	487077.48	3674459.85	0.000027	1330207	Xylenes	0	30YrCancerDerived	*	0
566 ALL	487098.32	3674459.85	0.0000275	1330207	Xylenes	0	30YrCancerDerived	*	0
567 ALL	487119.16	3674459.85	0.0000285	1330207	Xylenes	0	30YrCancerDerived	*	0
568 ALL	487140	3674459.85	0.0000299	1330207	Xylenes	0	30YrCancerDerived	*	0
569 ALL	487160.84	3674459.85	0.0000315	1330207	Xylenes	0	30YrCancerDerived	*	0
570 ALL	487181.68	3674459.85	0.0000346	1330207	Xylenes	0	30YrCancerDerived	*	0
571 ALL	486535.64	3674479.73	0.0000167	1330207	Xylenes	0	30YrCancerDerived	*	0
572 ALL	486556.48	3674479.73	0.0000169	1330207	Xylenes	0	30YrCancerDerived	*	0
573 ALL	486577.32	3674479.73	0.0000174	1330207	Xylenes	0	30YrCancerDerived	*	0
574 ALL	486598.16	3674479.73	0.0000182	1330207	Xylenes	0	30YrCancerDerived	*	0
575 ALL	486619	3674479.73	0.0000194	1330207	Xylenes	0	30YrCancerDerived	*	0
576 ALL	486639.84	3674479.73	0.000023	1330207	Xylenes	0	30YrCancerDerived	*	0
577 ALL	486660.68	3674479.73	0.0000275	1330207	Xylenes	0	30YrCancerDerived	*	0
578 ALL	486681.52	3674479.73	0.0000303	1330207	Xylenes	0	30YrCancerDerived	*	0
579 ALL	486702.36	3674479.73	0.0000347	1330207	Xylenes	0	30YrCancerDerived	*	0
580 ALL	486723.2	3674479.73	0.0000424	1330207	Xylenes	0	30YrCancerDerived	*	0
581 ALL	486744.04	3674479.73	0.0000499	1330207	Xylenes	0	30YrCancerDerived	*	0

582 ALL	486764.88	3674479.73	0.000054	1330207	Xylenes	0	30YrCancerDerived	*	0
583 ALL	486785.72	3674479.73	0.0000599	1330207	Xylenes	0	30YrCancerDerived	*	0
584 ALL	486806.56	3674479.73	0.0000566	1330207	Xylenes	0	30YrCancerDerived	*	0
585 ALL	486827.4	3674479.73	0.0000469	1330207	Xylenes	0	30YrCancerDerived	*	0
586 ALL	486848.24	3674479.73	0.0000364	1330207	Xylenes	0	30YrCancerDerived	*	0
587 ALL	486869.08	3674479.73	0.0000332	1330207	Xylenes	0	30YrCancerDerived	*	0
588 ALL	486889.92	3674479.73	0.0000339	1330207	Xylenes	0	30YrCancerDerived	*	0
589 ALL	486910.76	3674479.73	0.0000343	1330207	Xylenes	0	30YrCancerDerived	*	0
590 ALL	486931.6	3674479.73	0.000034	1330207	Xylenes	0	30YrCancerDerived	*	0
591 ALL	486952.44	3674479.73	0.0000346	1330207	Xylenes	0	30YrCancerDerived	*	0
592 ALL	486973.28	3674479.73	0.0000339	1330207	Xylenes	0	30YrCancerDerived	*	0
593 ALL	486994.12	3674479.73	0.0000309	1330207	Xylenes	0	30YrCancerDerived	*	0
594 ALL	487014.96	3674479.73	0.0000284	1330207	Xylenes	0	30YrCancerDerived	*	0
595 ALL	487035.8	3674479.73	0.0000274	1330207	Xylenes	0	30YrCancerDerived	*	0
596 ALL	487056.64	3674479.73	0.0000275	1330207	Xylenes	0	30YrCancerDerived	*	0
597 ALL	487077.48	3674479.73	0.0000277	1330207	Xylenes	0	30YrCancerDerived	*	0
598 ALL	487098.32	3674479.73	0.0000281	1330207	Xylenes	0	30YrCancerDerived	*	0
599 ALL	487119.16	3674479.73	0.0000289	1330207	Xylenes	0	30YrCancerDerived	*	0
600 ALL	487140	3674479.73	0.0000298	1330207	Xylenes	0	30YrCancerDerived	*	0
601 ALL	487160.84	3674479.73	0.0000314	1330207	Xylenes	0	30YrCancerDerived	*	0
602 ALL	486514.8	3674499.61	0.0000165	1330207	Xylenes	0	30YrCancerDerived	*	0
603 ALL	486535.64	3674499.61	0.0000169	1330207	Xylenes	0	30YrCancerDerived	*	0
604 ALL	486556.48	3674499.61	0.0000172	1330207	Xylenes	0	30YrCancerDerived	*	0
605 ALL	486577.32	3674499.61	0.0000178	1330207	Xylenes	0	30YrCancerDerived	*	0
606 ALL	486598.16	3674499.61	0.0000189	1330207	Xylenes	0	30YrCancerDerived	*	0
607 ALL	486619	3674499.61	0.0000205	1330207	Xylenes	0	30YrCancerDerived	*	0
608 ALL	486639.84	3674499.61	0.0000228	1330207	Xylenes	0	30YrCancerDerived	*	0
609 ALL	486660.68	3674499.61	0.0000254	1330207	Xylenes	0	30YrCancerDerived	*	0
610 ALL	486681.52	3674499.61	0.0000261	1330207	Xylenes	0	30YrCancerDerived	*	0
611 ALL	486702.36	3674499.61	0.0000295	1330207	Xylenes	0	30YrCancerDerived	*	0
612 ALL	486723.2	3674499.61	0.0000359	1330207	Xylenes	0	30YrCancerDerived	*	0
613 ALL	486744.04	3674499.61	0.0000378	1330207	Xylenes	0	30YrCancerDerived	*	0
614 ALL	486764.88	3674499.61	0.0000407	1330207	Xylenes	0	30YrCancerDerived	*	0
615 ALL	486785.72	3674499.61	0.0000474	1330207	Xylenes	0	30YrCancerDerived	*	0
616 ALL	486806.56	3674499.61	0.0000419	1330207	Xylenes	0	30YrCancerDerived	*	0

617 ALL	486827.4	3674499.61	0.0000364	1330207	Xylenes	0	30YrCancerDerived	*	0
618 ALL	486848.24	3674499.61	0.0000325	1330207	Xylenes	0	30YrCancerDerived	*	0
619 ALL	486869.08	3674499.61	0.00003	1330207	Xylenes	0	30YrCancerDerived	*	0
620 ALL	486889.92	3674499.61	0.0000301	1330207	Xylenes	0	30YrCancerDerived	*	0
621 ALL	486910.76	3674499.61	0.0000316	1330207	Xylenes	0	30YrCancerDerived	*	0
622 ALL	486931.6	3674499.61	0.0000316	1330207	Xylenes	0	30YrCancerDerived	*	0
623 ALL	486952.44	3674499.61	0.0000317	1330207	Xylenes	0	30YrCancerDerived	*	0
624 ALL	486973.28	3674499.61	0.0000322	1330207	Xylenes	0	30YrCancerDerived	*	0
625 ALL	486994.12	3674499.61	0.0000313	1330207	Xylenes	0	30YrCancerDerived	*	0
626 ALL	487014.96	3674499.61	0.0000292	1330207	Xylenes	0	30YrCancerDerived	*	0
627 ALL	487035.8	3674499.61	0.0000282	1330207	Xylenes	0	30YrCancerDerived	*	0
628 ALL	487056.64	3674499.61	0.0000284	1330207	Xylenes	0	30YrCancerDerived	*	0
629 ALL	487077.48	3674499.61	0.0000287	1330207	Xylenes	0	30YrCancerDerived	*	0
630 ALL	487098.32	3674499.61	0.0000292	1330207	Xylenes	0	30YrCancerDerived	*	0
631 ALL	487119.16	3674499.61	0.0000298	1330207	Xylenes	0	30YrCancerDerived	*	0
632 ALL	487140	3674499.61	0.0000308	1330207	Xylenes	0	30YrCancerDerived	*	0
633 ALL	487160.84	3674499.61	0.0000329	1330207	Xylenes	0	30YrCancerDerived	*	0
634 ALL	486514.8	3674519.49	0.0000169	1330207	Xylenes	0	30YrCancerDerived	*	0
635 ALL	486535.64	3674519.49	0.000018	1330207	Xylenes	0	30YrCancerDerived	*	0
636 ALL	486556.48	3674519.49	0.0000185	1330207	Xylenes	0	30YrCancerDerived	*	0
637 ALL	486577.32	3674519.49	0.0000189	1330207	Xylenes	0	30YrCancerDerived	*	0
638 ALL	486598.16	3674519.49	0.0000197	1330207	Xylenes	0	30YrCancerDerived	*	0
639 ALL	486619	3674519.49	0.0000215	1330207	Xylenes	0	30YrCancerDerived	*	0
640 ALL	486639.84	3674519.49	0.0000229	1330207	Xylenes	0	30YrCancerDerived	*	0
641 ALL	486660.68	3674519.49	0.0000243	1330207	Xylenes	0	30YrCancerDerived	*	0
642 ALL	486681.52	3674519.49	0.0000253	1330207	Xylenes	0	30YrCancerDerived	*	0
643 ALL	486702.36	3674519.49	0.0000269	1330207	Xylenes	0	30YrCancerDerived	*	0
644 ALL	486723.2	3674519.49	0.0000307	1330207	Xylenes	0	30YrCancerDerived	*	0
645 ALL	486744.04	3674519.49	0.0000306	1330207	Xylenes	0	30YrCancerDerived	*	0
646 ALL	486764.88	3674519.49	0.0000329	1330207	Xylenes	0	30YrCancerDerived	*	0
647 ALL	486785.72	3674519.49	0.0000386	1330207	Xylenes	0	30YrCancerDerived	*	0
648 ALL	486806.56	3674519.49	0.000035	1330207	Xylenes	0	30YrCancerDerived	*	0
649 ALL	486827.4	3674519.49	0.0000293	1330207	Xylenes	0	30YrCancerDerived	*	0
650 ALL	486848.24	3674519.49	0.0000271	1330207	Xylenes	0	30YrCancerDerived	*	0
651 ALL	486869.08	3674519.49	0.0000263	1330207	Xylenes	0	30YrCancerDerived	*	0

652 ALL	486889.92	3674519.49	0.0000273	1330207	Xylenes	0 30YrCancerDerived	*	0
653 ALL	486910.76	3674519.49	0.0000294	1330207	Xylenes	0 30YrCancerDerived	*	0
654 ALL	486931.6	3674519.49	0.0000292	1330207	Xylenes	0 30YrCancerDerived	*	0
655 ALL	486952.44	3674519.49	0.0000288	1330207	Xylenes	0 30YrCancerDerived	*	0
656 ALL	486973.28	3674519.49	0.0000294	1330207	Xylenes	0 30YrCancerDerived	*	0
657 ALL	486994.12	3674519.49	0.0000296	1330207	Xylenes	0 30YrCancerDerived	*	0
658 ALL	487014.96	3674519.49	0.000029	1330207	Xylenes	0 30YrCancerDerived	*	0
659 ALL	487035.8	3674519.49	0.0000286	1330207	Xylenes	0 30YrCancerDerived	*	0
660 ALL	487056.64	3674519.49	0.0000298	1330207	Xylenes	0 30YrCancerDerived	*	0
661 ALL	486493.96	3674539.37	0.0000174	1330207	Xylenes	0 30YrCancerDerived	*	0
662 ALL	486514.8	3674539.37	0.0000179	1330207	Xylenes	0 30YrCancerDerived	*	0
663 ALL	486535.64	3674539.37	0.0000188	1330207	Xylenes	0 30YrCancerDerived	*	0
664 ALL	486556.48	3674539.37	0.0000192	1330207	Xylenes	0 30YrCancerDerived	*	0
665 ALL	486577.32	3674539.37	0.0000196	1330207	Xylenes	0 30YrCancerDerived	*	0
666 ALL	486598.16	3674539.37	0.0000201	1330207	Xylenes	0 30YrCancerDerived	*	0
667 ALL	486619	3674539.37	0.0000214	1330207	Xylenes	0 30YrCancerDerived	*	0
668 ALL	486639.84	3674539.37	0.0000227	1330207	Xylenes	0 30YrCancerDerived	*	0
669 ALL	486660.68	3674539.37	0.0000242	1330207	Xylenes	0 30YrCancerDerived	*	0
670 ALL	486681.52	3674539.37	0.0000254	1330207	Xylenes	0 30YrCancerDerived	*	0
671 ALL	486702.36	3674539.37	0.0000268	1330207	Xylenes	0 30YrCancerDerived	*	0
672 ALL	486723.2	3674539.37	0.0000279	1330207	Xylenes	0 30YrCancerDerived	*	0
673 ALL	486744.04	3674539.37	0.0000266	1330207	Xylenes	0 30YrCancerDerived	*	0
674 ALL	486764.88	3674539.37	0.0000277	1330207	Xylenes	0 30YrCancerDerived	*	0
675 ALL	486785.72	3674539.37	0.0000328	1330207	Xylenes	0 30YrCancerDerived	*	0
676 ALL	486806.56	3674539.37	0.0000316	1330207	Xylenes	0 30YrCancerDerived	*	0
677 ALL	486827.4	3674539.37	0.0000269	1330207	Xylenes	0 30YrCancerDerived	*	0
678 ALL	486848.24	3674539.37	0.0000248	1330207	Xylenes	0 30YrCancerDerived	*	0
679 ALL	486869.08	3674539.37	0.0000244	1330207	Xylenes	0 30YrCancerDerived	*	0
680 ALL	486889.92	3674539.37	0.000026	1330207	Xylenes	0 30YrCancerDerived	*	0
681 ALL	486910.76	3674539.37	0.0000278	1330207	Xylenes	0 30YrCancerDerived	*	0
682 ALL	486931.6	3674539.37	0.0000282	1330207	Xylenes	0 30YrCancerDerived	*	0
683 ALL	486493.96	3674559.25	0.0000166	1330207	Xylenes	0 30YrCancerDerived	*	0
684 ALL	486514.8	3674559.25	0.0000172	1330207	Xylenes	0 30YrCancerDerived	*	0
685 ALL	486535.64	3674559.25	0.0000187	1330207	Xylenes	0 30YrCancerDerived	*	0
686 ALL	486556.48	3674559.25	0.0000191	1330207	Xylenes	0 30YrCancerDerived	*	0

687 ALL	486577.32	3674559.25	0.0000189	1330207	Xylenes	0	30YrCancerDerived	*	0
688 ALL	486598.16	3674559.25	0.0000196	1330207	Xylenes	0	30YrCancerDerived	*	0
689 ALL	486619	3674559.25	0.0000213	1330207	Xylenes	0	30YrCancerDerived	*	0
690 ALL	486639.84	3674559.25	0.0000225	1330207	Xylenes	0	30YrCancerDerived	*	0
691 ALL	486660.68	3674559.25	0.0000242	1330207	Xylenes	0	30YrCancerDerived	*	0
692 ALL	486681.52	3674559.25	0.000026	1330207	Xylenes	0	30YrCancerDerived	*	0
693 ALL	486702.36	3674559.25	0.0000269	1330207	Xylenes	0	30YrCancerDerived	*	0
694 ALL	486723.2	3674559.25	0.0000269	1330207	Xylenes	0	30YrCancerDerived	*	0
695 ALL	486744.04	3674559.25	0.0000261	1330207	Xylenes	0	30YrCancerDerived	*	0
696 ALL	486764.88	3674559.25	0.0000269	1330207	Xylenes	0	30YrCancerDerived	*	0
697 ALL	486785.72	3674559.25	0.0000303	1330207	Xylenes	0	30YrCancerDerived	*	0
698 ALL	486806.56	3674559.25	0.0000296	1330207	Xylenes	0	30YrCancerDerived	*	0
699 ALL	486827.4	3674559.25	0.0000269	1330207	Xylenes	0	30YrCancerDerived	*	0
700 ALL	486848.24	3674559.25	0.000025	1330207	Xylenes	0	30YrCancerDerived	*	0
701 ALL	486869.08	3674559.25	0.0000246	1330207	Xylenes	0	30YrCancerDerived	*	0
702 ALL	486889.92	3674559.25	0.0000258	1330207	Xylenes	0	30YrCancerDerived	*	0
703 ALL	486910.76	3674559.25	0.0000287	1330207	Xylenes	0	30YrCancerDerived	*	0
704 ALL	486493.96	3674579.13	0.0000165	1330207	Xylenes	0	30YrCancerDerived	*	0
705 ALL	486514.8	3674579.13	0.0000166	1330207	Xylenes	0	30YrCancerDerived	*	0
706 ALL	486535.64	3674579.13	0.000018	1330207	Xylenes	0	30YrCancerDerived	*	0
707 ALL	486556.48	3674579.13	0.0000186	1330207	Xylenes	0	30YrCancerDerived	*	0
708 ALL	486577.32	3674579.13	0.000019	1330207	Xylenes	0	30YrCancerDerived	*	0
709 ALL	486598.16	3674579.13	0.0000197	1330207	Xylenes	0	30YrCancerDerived	*	0
710 ALL	486619	3674579.13	0.0000213	1330207	Xylenes	0	30YrCancerDerived	*	0
711 ALL	486639.84	3674579.13	0.0000223	1330207	Xylenes	0	30YrCancerDerived	*	0
712 ALL	486660.68	3674579.13	0.0000238	1330207	Xylenes	0	30YrCancerDerived	*	0
713 ALL	486681.52	3674579.13	0.0000252	1330207	Xylenes	0	30YrCancerDerived	*	0
714 ALL	486702.36	3674579.13	0.0000254	1330207	Xylenes	0	30YrCancerDerived	*	0
715 ALL	486723.2	3674579.13	0.0000259	1330207	Xylenes	0	30YrCancerDerived	*	0
716 ALL	486744.04	3674579.13	0.0000263	1330207	Xylenes	0	30YrCancerDerived	*	0
717 ALL	486764.88	3674579.13	0.0000276	1330207	Xylenes	0	30YrCancerDerived	*	0
718 ALL	486785.72	3674579.13	0.0000291	1330207	Xylenes	0	30YrCancerDerived	*	0
719 ALL	486806.56	3674579.13	0.0000292	1330207	Xylenes	0	30YrCancerDerived	*	0
720 ALL	486827.4	3674579.13	0.0000277	1330207	Xylenes	0	30YrCancerDerived	*	0
721 ALL	486848.24	3674579.13	0.0000262	1330207	Xylenes	0	30YrCancerDerived	*	0

722 ALL	486869.08	3674579.13	0.0000256	1330207	Xylenes	0	30YrCancerDerived	*	0
723 ALL	486889.92	3674579.13	0.0000271	1330207	Xylenes	0	30YrCancerDerived	*	0
724 ALL	486473.12	3674599.01	0.0000194	1330207	Xylenes	0	30YrCancerDerived	*	0
725 ALL	486493.96	3674599.01	0.0000168	1330207	Xylenes	0	30YrCancerDerived	*	0
726 ALL	486514.8	3674599.01	0.0000167	1330207	Xylenes	0	30YrCancerDerived	*	0
727 ALL	486535.64	3674599.01	0.0000174	1330207	Xylenes	0	30YrCancerDerived	*	0
728 ALL	486556.48	3674599.01	0.0000184	1330207	Xylenes	0	30YrCancerDerived	*	0
729 ALL	486577.32	3674599.01	0.0000194	1330207	Xylenes	0	30YrCancerDerived	*	0
730 ALL	486598.16	3674599.01	0.0000205	1330207	Xylenes	0	30YrCancerDerived	*	0
731 ALL	486619	3674599.01	0.0000214	1330207	Xylenes	0	30YrCancerDerived	*	0
732 ALL	486639.84	3674599.01	0.0000225	1330207	Xylenes	0	30YrCancerDerived	*	0
733 ALL	486660.68	3674599.01	0.0000232	1330207	Xylenes	0	30YrCancerDerived	*	0
734 ALL	486681.52	3674599.01	0.0000235	1330207	Xylenes	0	30YrCancerDerived	*	0
735 ALL	486702.36	3674599.01	0.0000236	1330207	Xylenes	0	30YrCancerDerived	*	0
736 ALL	486723.2	3674599.01	0.0000241	1330207	Xylenes	0	30YrCancerDerived	*	0
737 ALL	486744.04	3674599.01	0.0000265	1330207	Xylenes	0	30YrCancerDerived	*	0
738 ALL	486764.88	3674599.01	0.0000287	1330207	Xylenes	0	30YrCancerDerived	*	0
739 ALL	486785.72	3674599.01	0.0000303	1330207	Xylenes	0	30YrCancerDerived	*	0
740 ALL	486806.56	3674599.01	0.0000306	1330207	Xylenes	0	30YrCancerDerived	*	0
741 ALL	486827.4	3674599.01	0.0000293	1330207	Xylenes	0	30YrCancerDerived	*	0
742 ALL	486848.24	3674599.01	0.0000282	1330207	Xylenes	0	30YrCancerDerived	*	0
743 ALL	486869.08	3674599.01	0.000028	1330207	Xylenes	0	30YrCancerDerived	*	0
744 ALL	486473.12	3674618.89	0.0000188	1330207	Xylenes	0	30YrCancerDerived	*	0
745 ALL	486493.96	3674618.89	0.0000168	1330207	Xylenes	0	30YrCancerDerived	*	0
746 ALL	486514.8	3674618.89	0.0000166	1330207	Xylenes	0	30YrCancerDerived	*	0
747 ALL	486535.64	3674618.89	0.0000175	1330207	Xylenes	0	30YrCancerDerived	*	0
748 ALL	486556.48	3674618.89	0.0000187	1330207	Xylenes	0	30YrCancerDerived	*	0
749 ALL	486577.32	3674618.89	0.0000196	1330207	Xylenes	0	30YrCancerDerived	*	0
750 ALL	486598.16	3674618.89	0.0000205	1330207	Xylenes	0	30YrCancerDerived	*	0
751 ALL	486619	3674618.89	0.0000215	1330207	Xylenes	0	30YrCancerDerived	*	0
752 ALL	486639.84	3674618.89	0.0000219	1330207	Xylenes	0	30YrCancerDerived	*	0
753 ALL	486660.68	3674618.89	0.0000221	1330207	Xylenes	0	30YrCancerDerived	*	0
754 ALL	486681.52	3674618.89	0.0000219	1330207	Xylenes	0	30YrCancerDerived	*	0
755 ALL	486702.36	3674618.89	0.0000216	1330207	Xylenes	0	30YrCancerDerived	*	0
756 ALL	486723.2	3674618.89	0.000022	1330207	Xylenes	0	30YrCancerDerived	*	0

757 ALL	486744.04	3674618.89	0.000024	1330207	Xylenes	0	30YrCancerDerived	*	0
758 ALL	486764.88	3674618.89	0.0000278	1330207	Xylenes	0	30YrCancerDerived	*	0
759 ALL	486785.72	3674618.89	0.0000319	1330207	Xylenes	0	30YrCancerDerived	*	0
760 ALL	486806.56	3674618.89	0.0000334	1330207	Xylenes	0	30YrCancerDerived	*	0
761 ALL	486452.28	3674638.77	0.0000205	1330207	Xylenes	0	30YrCancerDerived	*	0
762 ALL	486473.12	3674638.77	0.0000176	1330207	Xylenes	0	30YrCancerDerived	*	0
763 ALL	486493.96	3674638.77	0.0000165	1330207	Xylenes	0	30YrCancerDerived	*	0
764 ALL	486514.8	3674638.77	0.0000168	1330207	Xylenes	0	30YrCancerDerived	*	0
765 ALL	486535.64	3674638.77	0.0000175	1330207	Xylenes	0	30YrCancerDerived	*	0
766 ALL	486556.48	3674638.77	0.0000186	1330207	Xylenes	0	30YrCancerDerived	*	0
767 ALL	486577.32	3674638.77	0.0000195	1330207	Xylenes	0	30YrCancerDerived	*	0
768 ALL	486598.16	3674638.77	0.0000202	1330207	Xylenes	0	30YrCancerDerived	*	0
769 ALL	486619	3674638.77	0.0000204	1330207	Xylenes	0	30YrCancerDerived	*	0
770 ALL	486639.84	3674638.77	0.0000204	1330207	Xylenes	0	30YrCancerDerived	*	0
771 ALL	486660.68	3674638.77	0.0000207	1330207	Xylenes	0	30YrCancerDerived	*	0
772 ALL	486681.52	3674638.77	0.0000206	1330207	Xylenes	0	30YrCancerDerived	*	0
773 ALL	486702.36	3674638.77	0.0000199	1330207	Xylenes	0	30YrCancerDerived	*	0
774 ALL	486723.2	3674638.77	0.0000201	1330207	Xylenes	0	30YrCancerDerived	*	0
775 ALL	486744.04	3674638.77	0.000022	1330207	Xylenes	0	30YrCancerDerived	*	0
776 ALL	486764.88	3674638.77	0.0000254	1330207	Xylenes	0	30YrCancerDerived	*	0
777 ALL	486785.72	3674638.77	0.0000315	1330207	Xylenes	0	30YrCancerDerived	*	0
778 ALL	486452.28	3674658.65	0.000018	1330207	Xylenes	0	30YrCancerDerived	*	0
779 ALL	486473.12	3674658.65	0.0000164	1330207	Xylenes	0	30YrCancerDerived	*	0
780 ALL	486493.96	3674658.65	0.0000161	1330207	Xylenes	0	30YrCancerDerived	*	0
781 ALL	486514.8	3674658.65	0.0000167	1330207	Xylenes	0	30YrCancerDerived	*	0
782 ALL	486535.64	3674658.65	0.0000172	1330207	Xylenes	0	30YrCancerDerived	*	0
783 ALL	486556.48	3674658.65	0.0000183	1330207	Xylenes	0	30YrCancerDerived	*	0
784 ALL	486577.32	3674658.65	0.0000192	1330207	Xylenes	0	30YrCancerDerived	*	0
785 ALL	486598.16	3674658.65	0.0000198	1330207	Xylenes	0	30YrCancerDerived	*	0
786 ALL	486619	3674658.65	0.0000191	1330207	Xylenes	0	30YrCancerDerived	*	0
787 ALL	486639.84	3674658.65	0.0000187	1330207	Xylenes	0	30YrCancerDerived	*	0
788 ALL	486660.68	3674658.65	0.0000193	1330207	Xylenes	0	30YrCancerDerived	*	0
789 ALL	486681.52	3674658.65	0.0000198	1330207	Xylenes	0	30YrCancerDerived	*	0
790 ALL	486702.36	3674658.65	0.0000191	1330207	Xylenes	0	30YrCancerDerived	*	0
791 ALL	486723.2	3674658.65	0.0000192	1330207	Xylenes	0	30YrCancerDerived	*	0

792 ALL	486744.04	3674658.65	0.0000212	1330207	Xylenes	0 30YrCancerDerived	*	0
793 ALL	486764.88	3674658.65	0.0000255	1330207	Xylenes	0 30YrCancerDerived	*	0
794 ALL	486452.28	3674678.53	0.0000163	1330207	Xylenes	0 30YrCancerDerived	*	0
795 ALL	486473.12	3674678.53	0.0000158	1330207	Xylenes	0 30YrCancerDerived	*	0
796 ALL	486493.96	3674678.53	0.0000159	1330207	Xylenes	0 30YrCancerDerived	*	0
797 ALL	486514.8	3674678.53	0.0000165	1330207	Xylenes	0 30YrCancerDerived	*	0
798 ALL	486535.64	3674678.53	0.000017	1330207	Xylenes	0 30YrCancerDerived	*	0
799 ALL	486556.48	3674678.53	0.0000177	1330207	Xylenes	0 30YrCancerDerived	*	0
800 ALL	486577.32	3674678.53	0.0000185	1330207	Xylenes	0 30YrCancerDerived	*	0
801 ALL	486598.16	3674678.53	0.0000186	1330207	Xylenes	0 30YrCancerDerived	*	0
802 ALL	486619	3674678.53	0.0000178	1330207	Xylenes	0 30YrCancerDerived	*	0
803 ALL	486639.84	3674678.53	0.000018	1330207	Xylenes	0 30YrCancerDerived	*	0
804 ALL	486660.68	3674678.53	0.0000188	1330207	Xylenes	0 30YrCancerDerived	*	0
805 ALL	486681.52	3674678.53	0.0000197	1330207	Xylenes	0 30YrCancerDerived	*	0
806 ALL	486702.36	3674678.53	0.00002	1330207	Xylenes	0 30YrCancerDerived	*	0
807 ALL	486723.2	3674678.53	0.0000205	1330207	Xylenes	0 30YrCancerDerived	*	0
808 ALL	486744.04	3674678.53	0.0000224	1330207	Xylenes	0 30YrCancerDerived	*	0
809 ALL	486764.88	3674678.53	0.0000283	1330207	Xylenes	0 30YrCancerDerived	*	0
810 ALL	486431.44	3674698.41	0.0000161	1330207	Xylenes	0 30YrCancerDerived	*	0
811 ALL	486452.28	3674698.41	0.0000156	1330207	Xylenes	0 30YrCancerDerived	*	0
812 ALL	486473.12	3674698.41	0.0000155	1330207	Xylenes	0 30YrCancerDerived	*	0
813 ALL	486493.96	3674698.41	0.0000159	1330207	Xylenes	0 30YrCancerDerived	*	0
814 ALL	486514.8	3674698.41	0.0000163	1330207	Xylenes	0 30YrCancerDerived	*	0
815 ALL	486535.64	3674698.41	0.0000168	1330207	Xylenes	0 30YrCancerDerived	*	0
816 ALL	486556.48	3674698.41	0.0000173	1330207	Xylenes	0 30YrCancerDerived	*	0
817 ALL	486577.32	3674698.41	0.0000178	1330207	Xylenes	0 30YrCancerDerived	*	0
818 ALL	486598.16	3674698.41	0.0000179	1330207	Xylenes	0 30YrCancerDerived	*	0
819 ALL	486619	3674698.41	0.0000175	1330207	Xylenes	0 30YrCancerDerived	*	0
820 ALL	486639.84	3674698.41	0.0000184	1330207	Xylenes	0 30YrCancerDerived	*	0
821 ALL	486660.68	3674698.41	0.0000207	1330207	Xylenes	0 30YrCancerDerived	*	0
822 ALL	486431.44	3674718.29	0.0000157	1330207	Xylenes	0 30YrCancerDerived	*	0
823 ALL	486452.28	3674718.29	0.0000153	1330207	Xylenes	0 30YrCancerDerived	*	0
824 ALL	486473.12	3674718.29	0.0000156	1330207	Xylenes	0 30YrCancerDerived	*	0
825 ALL	486493.96	3674718.29	0.0000162	1330207	Xylenes	0 30YrCancerDerived	*	0
826 ALL	486514.8	3674718.29	0.0000166	1330207	Xylenes	0 30YrCancerDerived	*	0

827	ALL	486535.64	3674718.29	0.0000169	1330207	Xylenes	0	30YrCancerDerived	*	0
828	ALL	486556.48	3674718.29	0.0000175	1330207	Xylenes	0	30YrCancerDerived	*	0
829	ALL	486577.32	3674718.29	0.0000177	1330207	Xylenes	0	30YrCancerDerived	*	0
830	ALL	486598.16	3674718.29	0.000017	1330207	Xylenes	0	30YrCancerDerived	*	0
831	ALL	486619	3674718.29	0.0000175	1330207	Xylenes	0	30YrCancerDerived	*	0
832	ALL	486639.84	3674718.29	0.0000199	1330207	Xylenes	0	30YrCancerDerived	*	0
833	ALL	486452.28	3674738.17	0.0000151	1330207	Xylenes	0	30YrCancerDerived	*	0
834	ALL	486473.12	3674738.17	0.0000158	1330207	Xylenes	0	30YrCancerDerived	*	0
835	ALL	486493.96	3674738.17	0.000017	1330207	Xylenes	0	30YrCancerDerived	*	0
836	ALL	486514.8	3674738.17	0.0000179	1330207	Xylenes	0	30YrCancerDerived	*	0
837	ALL	486535.64	3674738.17	0.0000185	1330207	Xylenes	0	30YrCancerDerived	*	0
838	ALL	486556.48	3674738.17	0.0000192	1330207	Xylenes	0	30YrCancerDerived	*	0
839	ALL	486577.32	3674738.17	0.0000187	1330207	Xylenes	0	30YrCancerDerived	*	0
840	ALL	486598.16	3674738.17	0.000018	1330207	Xylenes	0	30YrCancerDerived	*	0
841	ALL	486619	3674738.17	0.0000194	1330207	Xylenes	0	30YrCancerDerived	*	0
842	ALL	486473.12	3674758.05	0.0000161	1330207	Xylenes	0	30YrCancerDerived	*	0
843	ALL	486493.96	3674758.05	0.0000176	1330207	Xylenes	0	30YrCancerDerived	*	0
844	ALL	486514.8	3674758.05	0.00002	1330207	Xylenes	0	30YrCancerDerived	*	0
845	ALL	486535.64	3674758.05	0.000021	1330207	Xylenes	0	30YrCancerDerived	*	0
846	ALL	486556.48	3674758.05	0.0000219	1330207	Xylenes	0	30YrCancerDerived	*	0
847	ALL	486577.32	3674758.05	0.0000216	1330207	Xylenes	0	30YrCancerDerived	*	0
848	ALL	486139.68	3674777.93	0.0000526	1330207	Xylenes	0	30YrCancerDerived	*	0
849	ALL	486514.8	3674777.93	0.0000215	1330207	Xylenes	0	30YrCancerDerived	*	0
850	ALL	486535.64	3674777.93	0.0000236	1330207	Xylenes	0	30YrCancerDerived	*	0
851	ALL	486556.48	3674777.93	0.0000253	1330207	Xylenes	0	30YrCancerDerived	*	0
852	ALL	486139.68	3674797.81	0.0000607	1330207	Xylenes	0	30YrCancerDerived	*	0
853	ALL	486160.52	3674797.81	0.0000519	1330207	Xylenes	0	30YrCancerDerived	*	0
854	ALL	486181.36	3674797.81	0.0000462	1330207	Xylenes	0	30YrCancerDerived	*	0
855	ALL	486202.2	3674797.81	0.0000409	1330207	Xylenes	0	30YrCancerDerived	*	0
856	ALL	486243.88	3674797.81	0.0000353	1330207	Xylenes	0	30YrCancerDerived	*	0
857	ALL	486264.72	3674797.81	0.0000292	1330207	Xylenes	0	30YrCancerDerived	*	0
858	ALL	486285.56	3674797.81	0.0000256	1330207	Xylenes	0	30YrCancerDerived	*	0
859	ALL	486306.4	3674797.81	0.0000224	1330207	Xylenes	0	30YrCancerDerived	*	0
860	ALL	486535.64	3674797.81	0.0000259	1330207	Xylenes	0	30YrCancerDerived	*	0
861	ALL	486556.48	3674797.81	0.0000303	1330207	Xylenes	0	30YrCancerDerived	*	0

862 ALL	485868.76	3674817.69	0.0000304	1330207	Xylenes	0	30YrCancerDerived	*	0
863 ALL	485889.6	3674817.69	0.0000324	1330207	Xylenes	0	30YrCancerDerived	*	0
864 ALL	485910.44	3674817.69	0.0000341	1330207	Xylenes	0	30YrCancerDerived	*	0
865 ALL	485931.28	3674817.69	0.0000346	1330207	Xylenes	0	30YrCancerDerived	*	0
866 ALL	485952.12	3674817.69	0.0000352	1330207	Xylenes	0	30YrCancerDerived	*	0
867 ALL	485972.96	3674817.69	0.0000357	1330207	Xylenes	0	30YrCancerDerived	*	0
868 ALL	486118.84	3674817.69	0.0000499	1330207	Xylenes	0	30YrCancerDerived	*	0
869 ALL	486139.68	3674817.69	0.000047	1330207	Xylenes	0	30YrCancerDerived	*	0
870 ALL	486160.52	3674817.69	0.0000477	1330207	Xylenes	0	30YrCancerDerived	*	0
871 ALL	486181.36	3674817.69	0.0000482	1330207	Xylenes	0	30YrCancerDerived	*	0
872 ALL	486202.2	3674817.69	0.0000484	1330207	Xylenes	0	30YrCancerDerived	*	0
873 ALL	486223.04	3674817.69	0.0000447	1330207	Xylenes	0	30YrCancerDerived	*	0
874 ALL	486243.88	3674817.69	0.0000353	1330207	Xylenes	0	30YrCancerDerived	*	0
875 ALL	486264.72	3674817.69	0.0000272	1330207	Xylenes	0	30YrCancerDerived	*	0
876 ALL	486285.56	3674817.69	0.0000227	1330207	Xylenes	0	30YrCancerDerived	*	0
877 ALL	486306.4	3674817.69	0.00002	1330207	Xylenes	0	30YrCancerDerived	*	0
878 ALL	485868.76	3674837.57	0.0000287	1330207	Xylenes	0	30YrCancerDerived	*	0
879 ALL	485889.6	3674837.57	0.0000311	1330207	Xylenes	0	30YrCancerDerived	*	0
880 ALL	485910.44	3674837.57	0.0000335	1330207	Xylenes	0	30YrCancerDerived	*	0
881 ALL	485931.28	3674837.57	0.0000346	1330207	Xylenes	0	30YrCancerDerived	*	0
882 ALL	485952.12	3674837.57	0.000036	1330207	Xylenes	0	30YrCancerDerived	*	0
883 ALL	485972.96	3674837.57	0.000039	1330207	Xylenes	0	30YrCancerDerived	*	0
884 ALL	485993.8	3674837.57	0.0000424	1330207	Xylenes	0	30YrCancerDerived	*	0
885 ALL	486014.64	3674837.57	0.0000438	1330207	Xylenes	0	30YrCancerDerived	*	0
886 ALL	486035.48	3674837.57	0.0000449	1330207	Xylenes	0	30YrCancerDerived	*	0
887 ALL	486077.16	3674837.57	0.0000495	1330207	Xylenes	0	30YrCancerDerived	*	0
888 ALL	486098	3674837.57	0.000044	1330207	Xylenes	0	30YrCancerDerived	*	0
889 ALL	486118.84	3674837.57	0.0000363	1330207	Xylenes	0	30YrCancerDerived	*	0
890 ALL	486139.68	3674837.57	0.0000355	1330207	Xylenes	0	30YrCancerDerived	*	0
891 ALL	486160.52	3674837.57	0.0000347	1330207	Xylenes	0	30YrCancerDerived	*	0
892 ALL	486181.36	3674837.57	0.0000348	1330207	Xylenes	0	30YrCancerDerived	*	0
893 ALL	486202.2	3674837.57	0.0000401	1330207	Xylenes	0	30YrCancerDerived	*	0
894 ALL	486223.04	3674837.57	0.0000396	1330207	Xylenes	0	30YrCancerDerived	*	0
895 ALL	486243.88	3674837.57	0.0000304	1330207	Xylenes	0	30YrCancerDerived	*	0
896 ALL	486264.72	3674837.57	0.0000232	1330207	Xylenes	0	30YrCancerDerived	*	0

897 ALL	486285.56	3674837.57	0.0000193	1330207	Xylenes	0	30YrCancerDerived	*	0
898 ALL	486306.4	3674837.57	0.0000176	1330207	Xylenes	0	30YrCancerDerived	*	0
899 ALL	485722.88	3674857.45	0.0000161	1330207	Xylenes	0	30YrCancerDerived	*	0
900 ALL	485743.72	3674857.45	0.0000184	1330207	Xylenes	0	30YrCancerDerived	*	0
901 ALL	485764.56	3674857.45	0.0000202	1330207	Xylenes	0	30YrCancerDerived	*	0
902 ALL	485785.4	3674857.45	0.0000215	1330207	Xylenes	0	30YrCancerDerived	*	0
903 ALL	485806.24	3674857.45	0.0000229	1330207	Xylenes	0	30YrCancerDerived	*	0
904 ALL	485827.08	3674857.45	0.000024	1330207	Xylenes	0	30YrCancerDerived	*	0
905 ALL	485847.92	3674857.45	0.0000253	1330207	Xylenes	0	30YrCancerDerived	*	0
906 ALL	485868.76	3674857.45	0.000027	1330207	Xylenes	0	30YrCancerDerived	*	0
907 ALL	485889.6	3674857.45	0.0000291	1330207	Xylenes	0	30YrCancerDerived	*	0
908 ALL	485910.44	3674857.45	0.0000315	1330207	Xylenes	0	30YrCancerDerived	*	0
909 ALL	485931.28	3674857.45	0.000033	1330207	Xylenes	0	30YrCancerDerived	*	0
910 ALL	485952.12	3674857.45	0.0000341	1330207	Xylenes	0	30YrCancerDerived	*	0
911 ALL	485972.96	3674857.45	0.0000369	1330207	Xylenes	0	30YrCancerDerived	*	0
912 ALL	485993.8	3674857.45	0.0000408	1330207	Xylenes	0	30YrCancerDerived	*	0
913 ALL	486014.64	3674857.45	0.0000428	1330207	Xylenes	0	30YrCancerDerived	*	0
914 ALL	486035.48	3674857.45	0.0000455	1330207	Xylenes	0	30YrCancerDerived	*	0
915 ALL	486056.32	3674857.45	0.0000488	1330207	Xylenes	0	30YrCancerDerived	*	0
916 ALL	486077.16	3674857.45	0.0000456	1330207	Xylenes	0	30YrCancerDerived	*	0
917 ALL	486098	3674857.45	0.0000329	1330207	Xylenes	0	30YrCancerDerived	*	0
918 ALL	486118.84	3674857.45	0.0000263	1330207	Xylenes	0	30YrCancerDerived	*	0
919 ALL	486139.68	3674857.45	0.0000261	1330207	Xylenes	0	30YrCancerDerived	*	0
920 ALL	486160.52	3674857.45	0.0000262	1330207	Xylenes	0	30YrCancerDerived	*	0
921 ALL	486181.36	3674857.45	0.0000264	1330207	Xylenes	0	30YrCancerDerived	*	0
922 ALL	486202.2	3674857.45	0.0000318	1330207	Xylenes	0	30YrCancerDerived	*	0
923 ALL	486223.04	3674857.45	0.0000352	1330207	Xylenes	0	30YrCancerDerived	*	0
924 ALL	486243.88	3674857.45	0.000028	1330207	Xylenes	0	30YrCancerDerived	*	0
925 ALL	486264.72	3674857.45	0.0000223	1330207	Xylenes	0	30YrCancerDerived	*	0
926 ALL	486285.56	3674857.45	0.0000184	1330207	Xylenes	0	30YrCancerDerived	*	0
927 ALL	486306.4	3674857.45	0.0000159	1330207	Xylenes	0	30YrCancerDerived	*	0
928 ALL	485722.88	3674877.33	0.000015	1330207	Xylenes	0	30YrCancerDerived	*	0
929 ALL	485743.72	3674877.33	0.0000152	1330207	Xylenes	0	30YrCancerDerived	*	0
930 ALL	485764.56	3674877.33	0.0000164	1330207	Xylenes	0	30YrCancerDerived	*	0
931 ALL	485827.08	3674877.33	0.0000223	1330207	Xylenes	0	30YrCancerDerived	*	0

932 ALL	485847.92	3674877.33	0.0000237	1330207	Xylenes	0	30YrCancerDerived	*	0
933 ALL	485868.76	3674877.33	0.0000254	1330207	Xylenes	0	30YrCancerDerived	*	0
934 ALL	485889.6	3674877.33	0.0000274	1330207	Xylenes	0	30YrCancerDerived	*	0
935 ALL	485910.44	3674877.33	0.0000294	1330207	Xylenes	0	30YrCancerDerived	*	0
936 ALL	485931.28	3674877.33	0.0000312	1330207	Xylenes	0	30YrCancerDerived	*	0
937 ALL	485952.12	3674877.33	0.0000327	1330207	Xylenes	0	30YrCancerDerived	*	0
938 ALL	485972.96	3674877.33	0.000035	1330207	Xylenes	0	30YrCancerDerived	*	0
939 ALL	485993.8	3674877.33	0.0000346	1330207	Xylenes	0	30YrCancerDerived	*	0
940 ALL	486014.64	3674877.33	0.0000353	1330207	Xylenes	0	30YrCancerDerived	*	0
941 ALL	486035.48	3674877.33	0.0000405	1330207	Xylenes	0	30YrCancerDerived	*	0
942 ALL	486056.32	3674877.33	0.0000464	1330207	Xylenes	0	30YrCancerDerived	*	0
943 ALL	486077.16	3674877.33	0.0000406	1330207	Xylenes	0	30YrCancerDerived	*	0
944 ALL	486098	3674877.33	0.0000267	1330207	Xylenes	0	30YrCancerDerived	*	0
945 ALL	486118.84	3674877.33	0.0000213	1330207	Xylenes	0	30YrCancerDerived	*	0
946 ALL	486139.68	3674877.33	0.0000208	1330207	Xylenes	0	30YrCancerDerived	*	0
947 ALL	486160.52	3674877.33	0.0000213	1330207	Xylenes	0	30YrCancerDerived	*	0
948 ALL	486181.36	3674877.33	0.000023	1330207	Xylenes	0	30YrCancerDerived	*	0
949 ALL	486202.2	3674877.33	0.0000264	1330207	Xylenes	0	30YrCancerDerived	*	0
950 ALL	486223.04	3674877.33	0.0000288	1330207	Xylenes	0	30YrCancerDerived	*	0
951 ALL	486243.88	3674877.33	0.0000251	1330207	Xylenes	0	30YrCancerDerived	*	0
952 ALL	486264.72	3674877.33	0.0000207	1330207	Xylenes	0	30YrCancerDerived	*	0
953 ALL	486285.56	3674877.33	0.0000178	1330207	Xylenes	0	30YrCancerDerived	*	0
954 ALL	486306.4	3674877.33	0.0000157	1330207	Xylenes	0	30YrCancerDerived	*	0
955 ALL	485743.72	3674897.21	0.0000133	1330207	Xylenes	0	30YrCancerDerived	*	0
956 ALL	485847.92	3674897.21	0.0000218	1330207	Xylenes	0	30YrCancerDerived	*	0
957 ALL	485868.76	3674897.21	0.0000238	1330207	Xylenes	0	30YrCancerDerived	*	0
958 ALL	485889.6	3674897.21	0.000026	1330207	Xylenes	0	30YrCancerDerived	*	0
959 ALL	485910.44	3674897.21	0.0000281	1330207	Xylenes	0	30YrCancerDerived	*	0
960 ALL	485931.28	3674897.21	0.0000298	1330207	Xylenes	0	30YrCancerDerived	*	0
961 ALL	485952.12	3674897.21	0.0000317	1330207	Xylenes	0	30YrCancerDerived	*	0
962 ALL	485972.96	3674897.21	0.0000333	1330207	Xylenes	0	30YrCancerDerived	*	0
963 ALL	485993.8	3674897.21	0.0000304	1330207	Xylenes	0	30YrCancerDerived	*	0
964 ALL	486014.64	3674897.21	0.000031	1330207	Xylenes	0	30YrCancerDerived	*	0
965 ALL	486035.48	3674897.21	0.0000359	1330207	Xylenes	0	30YrCancerDerived	*	0
966 ALL	486056.32	3674897.21	0.0000446	1330207	Xylenes	0	30YrCancerDerived	*	0

967 ALL	486077.16	3674897.21	0.0000376	1330207	Xylenes	0	30YrCancerDerived	*	0
968 ALL	486098	3674897.21	0.0000256	1330207	Xylenes	0	30YrCancerDerived	*	0
969 ALL	486118.84	3674897.21	0.0000206	1330207	Xylenes	0	30YrCancerDerived	*	0
970 ALL	486139.68	3674897.21	0.0000181	1330207	Xylenes	0	30YrCancerDerived	*	0
971 ALL	486160.52	3674897.21	0.0000181	1330207	Xylenes	0	30YrCancerDerived	*	0
972 ALL	486181.36	3674897.21	0.0000191	1330207	Xylenes	0	30YrCancerDerived	*	0
973 ALL	486202.2	3674897.21	0.0000226	1330207	Xylenes	0	30YrCancerDerived	*	0
974 ALL	486223.04	3674897.21	0.0000244	1330207	Xylenes	0	30YrCancerDerived	*	0
975 ALL	486243.88	3674897.21	0.0000236	1330207	Xylenes	0	30YrCancerDerived	*	0
976 ALL	486264.72	3674897.21	0.0000194	1330207	Xylenes	0	30YrCancerDerived	*	0
977 ALL	486285.56	3674897.21	0.0000166	1330207	Xylenes	0	30YrCancerDerived	*	0
978 ALL	486306.4	3674897.21	0.0000151	1330207	Xylenes	0	30YrCancerDerived	*	0
979 ALL	486327.24	3674897.21	0.0000146	1330207	Xylenes	0	30YrCancerDerived	*	0
980 ALL	485847.92	3674917.09	0.0000198	1330207	Xylenes	0	30YrCancerDerived	*	0
981 ALL	485868.76	3674917.09	0.000022	1330207	Xylenes	0	30YrCancerDerived	*	0
982 ALL	485889.6	3674917.09	0.0000247	1330207	Xylenes	0	30YrCancerDerived	*	0
983 ALL	485910.44	3674917.09	0.0000271	1330207	Xylenes	0	30YrCancerDerived	*	0
984 ALL	485931.28	3674917.09	0.0000287	1330207	Xylenes	0	30YrCancerDerived	*	0
985 ALL	485952.12	3674917.09	0.0000298	1330207	Xylenes	0	30YrCancerDerived	*	0
986 ALL	485972.96	3674917.09	0.0000288	1330207	Xylenes	0	30YrCancerDerived	*	0
987 ALL	485993.8	3674917.09	0.000027	1330207	Xylenes	0	30YrCancerDerived	*	0
988 ALL	486014.64	3674917.09	0.0000269	1330207	Xylenes	0	30YrCancerDerived	*	0
989 ALL	486035.48	3674917.09	0.0000328	1330207	Xylenes	0	30YrCancerDerived	*	0
990 ALL	486056.32	3674917.09	0.0000389	1330207	Xylenes	0	30YrCancerDerived	*	0
991 ALL	486077.16	3674917.09	0.0000363	1330207	Xylenes	0	30YrCancerDerived	*	0
992 ALL	486098	3674917.09	0.0000273	1330207	Xylenes	0	30YrCancerDerived	*	0
993 ALL	486118.84	3674917.09	0.0000221	1330207	Xylenes	0	30YrCancerDerived	*	0
994 ALL	486139.68	3674917.09	0.0000184	1330207	Xylenes	0	30YrCancerDerived	*	0
995 ALL	486160.52	3674917.09	0.0000165	1330207	Xylenes	0	30YrCancerDerived	*	0
996 ALL	486181.36	3674917.09	0.0000158	1330207	Xylenes	0	30YrCancerDerived	*	0
997 ALL	486202.2	3674917.09	0.0000186	1330207	Xylenes	0	30YrCancerDerived	*	0
998 ALL	486223.04	3674917.09	0.0000213	1330207	Xylenes	0	30YrCancerDerived	*	0
999 ALL	486243.88	3674917.09	0.0000218	1330207	Xylenes	0	30YrCancerDerived	*	0
1000 ALL	486264.72	3674917.09	0.0000193	1330207	Xylenes	0	30YrCancerDerived	*	0
1001 ALL	486285.56	3674917.09	0.0000172	1330207	Xylenes	0	30YrCancerDerived	*	0

1002	ALL	486306.4	3674917.09	0.0000156	1330207	Xylenes	0	30YrCancerDerived	*	0
1003	ALL	486327.24	3674917.09	0.0000147	1330207	Xylenes	0	30YrCancerDerived	*	0
1004	ALL	485868.76	3674936.97	0.0000205	1330207	Xylenes	0	30YrCancerDerived	*	0
1005	ALL	485889.6	3674936.97	0.0000233	1330207	Xylenes	0	30YrCancerDerived	*	0
1006	ALL	485910.44	3674936.97	0.0000259	1330207	Xylenes	0	30YrCancerDerived	*	0
1007	ALL	485931.28	3674936.97	0.0000274	1330207	Xylenes	0	30YrCancerDerived	*	0
1008	ALL	485952.12	3674936.97	0.0000282	1330207	Xylenes	0	30YrCancerDerived	*	0
1009	ALL	485972.96	3674936.97	0.000027	1330207	Xylenes	0	30YrCancerDerived	*	0
1010	ALL	485993.8	3674936.97	0.0000257	1330207	Xylenes	0	30YrCancerDerived	*	0
1011	ALL	486014.64	3674936.97	0.0000249	1330207	Xylenes	0	30YrCancerDerived	*	0
1012	ALL	486035.48	3674936.97	0.0000289	1330207	Xylenes	0	30YrCancerDerived	*	0
1013	ALL	486056.32	3674936.97	0.000034	1330207	Xylenes	0	30YrCancerDerived	*	0
1014	ALL	486077.16	3674936.97	0.0000324	1330207	Xylenes	0	30YrCancerDerived	*	0
1015	ALL	486098	3674936.97	0.0000278	1330207	Xylenes	0	30YrCancerDerived	*	0
1016	ALL	486118.84	3674936.97	0.0000232	1330207	Xylenes	0	30YrCancerDerived	*	0
1017	ALL	486139.68	3674936.97	0.0000192	1330207	Xylenes	0	30YrCancerDerived	*	0
1018	ALL	486160.52	3674936.97	0.000017	1330207	Xylenes	0	30YrCancerDerived	*	0
1019	ALL	486181.36	3674936.97	0.0000157	1330207	Xylenes	0	30YrCancerDerived	*	0
1020	ALL	486202.2	3674936.97	0.0000161	1330207	Xylenes	0	30YrCancerDerived	*	0
1021	ALL	486223.04	3674936.97	0.0000187	1330207	Xylenes	0	30YrCancerDerived	*	0
1022	ALL	486243.88	3674936.97	0.0000199	1330207	Xylenes	0	30YrCancerDerived	*	0
1023	ALL	486264.72	3674936.97	0.0000194	1330207	Xylenes	0	30YrCancerDerived	*	0
1024	ALL	486285.56	3674936.97	0.0000178	1330207	Xylenes	0	30YrCancerDerived	*	0
1025	ALL	486306.4	3674936.97	0.0000166	1330207	Xylenes	0	30YrCancerDerived	*	0
1026	ALL	486327.24	3674936.97	0.0000152	1330207	Xylenes	0	30YrCancerDerived	*	0
1027	ALL	486348.08	3674936.97	0.0000145	1330207	Xylenes	0	30YrCancerDerived	*	0
1028	ALL	485889.6	3674956.85	0.0000224	1330207	Xylenes	0	30YrCancerDerived	*	0
1029	ALL	485910.44	3674956.85	0.0000246	1330207	Xylenes	0	30YrCancerDerived	*	0
1030	ALL	485931.28	3674956.85	0.0000262	1330207	Xylenes	0	30YrCancerDerived	*	0
1031	ALL	485952.12	3674956.85	0.0000273	1330207	Xylenes	0	30YrCancerDerived	*	0
1032	ALL	485972.96	3674956.85	0.0000267	1330207	Xylenes	0	30YrCancerDerived	*	0
1033	ALL	485993.8	3674956.85	0.0000251	1330207	Xylenes	0	30YrCancerDerived	*	0
1034	ALL	486014.64	3674956.85	0.0000239	1330207	Xylenes	0	30YrCancerDerived	*	0
1035	ALL	486035.48	3674956.85	0.0000264	1330207	Xylenes	0	30YrCancerDerived	*	0
1036	ALL	486056.32	3674956.85	0.0000305	1330207	Xylenes	0	30YrCancerDerived	*	0

1037 ALL	486077.16	3674956.85	0.0000301	1330207	Xylenes	0	30YrCancerDerived	*	0
1038 ALL	486098	3674956.85	0.0000262	1330207	Xylenes	0	30YrCancerDerived	*	0
1039 ALL	486118.84	3674956.85	0.0000233	1330207	Xylenes	0	30YrCancerDerived	*	0
1040 ALL	486139.68	3674956.85	0.0000205	1330207	Xylenes	0	30YrCancerDerived	*	0
1041 ALL	486160.52	3674956.85	0.0000182	1330207	Xylenes	0	30YrCancerDerived	*	0
1042 ALL	486181.36	3674956.85	0.0000164	1330207	Xylenes	0	30YrCancerDerived	*	0
1043 ALL	486202.2	3674956.85	0.0000157	1330207	Xylenes	0	30YrCancerDerived	*	0
1044 ALL	486223.04	3674956.85	0.0000168	1330207	Xylenes	0	30YrCancerDerived	*	0
1045 ALL	486243.88	3674956.85	0.0000182	1330207	Xylenes	0	30YrCancerDerived	*	0
1046 ALL	486264.72	3674956.85	0.000018	1330207	Xylenes	0	30YrCancerDerived	*	0
1047 ALL	486285.56	3674956.85	0.0000172	1330207	Xylenes	0	30YrCancerDerived	*	0
1048 ALL	486306.4	3674956.85	0.0000164	1330207	Xylenes	0	30YrCancerDerived	*	0
1049 ALL	486327.24	3674956.85	0.0000156	1330207	Xylenes	0	30YrCancerDerived	*	0
1050 ALL	486348.08	3674956.85	0.0000153	1330207	Xylenes	0	30YrCancerDerived	*	0
1051 ALL	486368.92	3674956.85	0.0000158	1330207	Xylenes	0	30YrCancerDerived	*	0
1052 ALL	485889.6	3674976.73	0.0000225	1330207	Xylenes	0	30YrCancerDerived	*	0
1053 ALL	485910.44	3674976.73	0.0000246	1330207	Xylenes	0	30YrCancerDerived	*	0
1054 ALL	485931.28	3674976.73	0.000026	1330207	Xylenes	0	30YrCancerDerived	*	0
1055 ALL	485952.12	3674976.73	0.0000293	1330207	Xylenes	0	30YrCancerDerived	*	0
1056 ALL	485972.96	3674976.73	0.0000279	1330207	Xylenes	0	30YrCancerDerived	*	0
1057 ALL	485993.8	3674976.73	0.000025	1330207	Xylenes	0	30YrCancerDerived	*	0
1058 ALL	486014.64	3674976.73	0.0000234	1330207	Xylenes	0	30YrCancerDerived	*	0
1059 ALL	486035.48	3674976.73	0.0000252	1330207	Xylenes	0	30YrCancerDerived	*	0
1060 ALL	486056.32	3674976.73	0.0000282	1330207	Xylenes	0	30YrCancerDerived	*	0
1061 ALL	486077.16	3674976.73	0.0000292	1330207	Xylenes	0	30YrCancerDerived	*	0
1062 ALL	486098	3674976.73	0.0000276	1330207	Xylenes	0	30YrCancerDerived	*	0
1063 ALL	486118.84	3674976.73	0.0000262	1330207	Xylenes	0	30YrCancerDerived	*	0
1064 ALL	486139.68	3674976.73	0.000023	1330207	Xylenes	0	30YrCancerDerived	*	0
1065 ALL	486160.52	3674976.73	0.0000193	1330207	Xylenes	0	30YrCancerDerived	*	0
1066 ALL	486181.36	3674976.73	0.0000168	1330207	Xylenes	0	30YrCancerDerived	*	0
1067 ALL	486202.2	3674976.73	0.0000157	1330207	Xylenes	0	30YrCancerDerived	*	0
1068 ALL	486223.04	3674976.73	0.0000162	1330207	Xylenes	0	30YrCancerDerived	*	0
1069 ALL	486243.88	3674976.73	0.0000171	1330207	Xylenes	0	30YrCancerDerived	*	0
1070 ALL	486264.72	3674976.73	0.0000167	1330207	Xylenes	0	30YrCancerDerived	*	0
1071 ALL	486285.56	3674976.73	0.0000165	1330207	Xylenes	0	30YrCancerDerived	*	0

1072 ALL	486306.4	3674976.73	0.0000165	1330207	Xylenes	0	30YrCancerDerived	*	0
1073 ALL	486327.24	3674976.73	0.000017	1330207	Xylenes	0	30YrCancerDerived	*	0
1074 ALL	486348.08	3674976.73	0.0000171	1330207	Xylenes	0	30YrCancerDerived	*	0
1075 ALL	486368.92	3674976.73	0.0000173	1330207	Xylenes	0	30YrCancerDerived	*	0
1076 ALL	486389.76	3674976.73	0.0000183	1330207	Xylenes	0	30YrCancerDerived	*	0
1077 ALL	486410.6	3674976.73	0.0000198	1330207	Xylenes	0	30YrCancerDerived	*	0
1078 ALL	486431.44	3674976.73	0.0000207	1330207	Xylenes	0	30YrCancerDerived	*	0
1079 ALL	485889.6	3674996.61	0.0000222	1330207	Xylenes	0	30YrCancerDerived	*	0
1080 ALL	485910.44	3674996.61	0.000027	1330207	Xylenes	0	30YrCancerDerived	*	0
1081 ALL	485931.28	3674996.61	0.0000298	1330207	Xylenes	0	30YrCancerDerived	*	0
1082 ALL	485952.12	3674996.61	0.000034	1330207	Xylenes	0	30YrCancerDerived	*	0
1083 ALL	485972.96	3674996.61	0.0000283	1330207	Xylenes	0	30YrCancerDerived	*	0
1084 ALL	485993.8	3674996.61	0.0000243	1330207	Xylenes	0	30YrCancerDerived	*	0
1085 ALL	486014.64	3674996.61	0.0000223	1330207	Xylenes	0	30YrCancerDerived	*	0
1086 ALL	486035.48	3674996.61	0.000023	1330207	Xylenes	0	30YrCancerDerived	*	0
1087 ALL	486056.32	3674996.61	0.0000263	1330207	Xylenes	0	30YrCancerDerived	*	0
1088 ALL	486077.16	3674996.61	0.0000273	1330207	Xylenes	0	30YrCancerDerived	*	0
1089 ALL	486098	3674996.61	0.0000283	1330207	Xylenes	0	30YrCancerDerived	*	0
1090 ALL	486118.84	3674996.61	0.0000278	1330207	Xylenes	0	30YrCancerDerived	*	0
1091 ALL	486139.68	3674996.61	0.0000237	1330207	Xylenes	0	30YrCancerDerived	*	0
1092 ALL	486160.52	3674996.61	0.00002	1330207	Xylenes	0	30YrCancerDerived	*	0
1093 ALL	486181.36	3674996.61	0.0000178	1330207	Xylenes	0	30YrCancerDerived	*	0
1094 ALL	486202.2	3674996.61	0.0000162	1330207	Xylenes	0	30YrCancerDerived	*	0
1095 ALL	486223.04	3674996.61	0.0000162	1330207	Xylenes	0	30YrCancerDerived	*	0
1096 ALL	486243.88	3674996.61	0.0000167	1330207	Xylenes	0	30YrCancerDerived	*	0
1097 ALL	486264.72	3674996.61	0.0000164	1330207	Xylenes	0	30YrCancerDerived	*	0
1098 ALL	486285.56	3674996.61	0.0000158	1330207	Xylenes	0	30YrCancerDerived	*	0
1099 ALL	486306.4	3674996.61	0.0000165	1330207	Xylenes	0	30YrCancerDerived	*	0
1100 ALL	486327.24	3674996.61	0.0000176	1330207	Xylenes	0	30YrCancerDerived	*	0
1101 ALL	486348.08	3674996.61	0.000019	1330207	Xylenes	0	30YrCancerDerived	*	0
1102 ALL	486368.92	3674996.61	0.0000196	1330207	Xylenes	0	30YrCancerDerived	*	0
1103 ALL	486389.76	3674996.61	0.0000199	1330207	Xylenes	0	30YrCancerDerived	*	0
1104 ALL	486410.6	3674996.61	0.0000223	1330207	Xylenes	0	30YrCancerDerived	*	0
1105 ALL	486431.44	3674996.61	0.0000248	1330207	Xylenes	0	30YrCancerDerived	*	0
1106 ALL	486452.28	3674996.61	0.0000279	1330207	Xylenes	0	30YrCancerDerived	*	0

1107 ALL	486473.12	3674996.61	0.0000289	1330207 Xylenes	0 30YrCancerDerived	*	0
1108 ALL	486493.96	3674996.61	0.0000285	1330207 Xylenes	0 30YrCancerDerived	*	0
1109 ALL	486514.8	3674996.61	0.0000286	1330207 Xylenes	0 30YrCancerDerived	*	0
1110 ALL	485889.6	3675016.49	0.0000211	1330207 Xylenes	0 30YrCancerDerived	*	0
1111 ALL	485910.44	3675016.49	0.0000277	1330207 Xylenes	0 30YrCancerDerived	*	0
1112 ALL	485931.28	3675016.49	0.0000323	1330207 Xylenes	0 30YrCancerDerived	*	0
1113 ALL	485952.12	3675016.49	0.000036	1330207 Xylenes	0 30YrCancerDerived	*	0
1114 ALL	485972.96	3675016.49	0.0000291	1330207 Xylenes	0 30YrCancerDerived	*	0
1115 ALL	485993.8	3675016.49	0.0000241	1330207 Xylenes	0 30YrCancerDerived	*	0
1116 ALL	486014.64	3675016.49	0.0000216	1330207 Xylenes	0 30YrCancerDerived	*	0
1117 ALL	486035.48	3675016.49	0.000021	1330207 Xylenes	0 30YrCancerDerived	*	0
1118 ALL	486056.32	3675016.49	0.0000222	1330207 Xylenes	0 30YrCancerDerived	*	0
1119 ALL	486077.16	3675016.49	0.0000243	1330207 Xylenes	0 30YrCancerDerived	*	0
1120 ALL	486098	3675016.49	0.0000261	1330207 Xylenes	0 30YrCancerDerived	*	0
1121 ALL	486118.84	3675016.49	0.0000246	1330207 Xylenes	0 30YrCancerDerived	*	0
1122 ALL	486139.68	3675016.49	0.0000231	1330207 Xylenes	0 30YrCancerDerived	*	0
1123 ALL	486160.52	3675016.49	0.0000218	1330207 Xylenes	0 30YrCancerDerived	*	0
1124 ALL	486181.36	3675016.49	0.0000192	1330207 Xylenes	0 30YrCancerDerived	*	0
1125 ALL	486202.2	3675016.49	0.0000181	1330207 Xylenes	0 30YrCancerDerived	*	0
1126 ALL	486223.04	3675016.49	0.0000168	1330207 Xylenes	0 30YrCancerDerived	*	0
1127 ALL	486243.88	3675016.49	0.0000164	1330207 Xylenes	0 30YrCancerDerived	*	0
1128 ALL	486264.72	3675016.49	0.000016	1330207 Xylenes	0 30YrCancerDerived	*	0
1129 ALL	486285.56	3675016.49	0.0000153	1330207 Xylenes	0 30YrCancerDerived	*	0
1130 ALL	486306.4	3675016.49	0.0000156	1330207 Xylenes	0 30YrCancerDerived	*	0
1131 ALL	486327.24	3675016.49	0.0000172	1330207 Xylenes	0 30YrCancerDerived	*	0
1132 ALL	486348.08	3675016.49	0.0000199	1330207 Xylenes	0 30YrCancerDerived	*	0
1133 ALL	486368.92	3675016.49	0.0000232	1330207 Xylenes	0 30YrCancerDerived	*	0
1134 ALL	486389.76	3675016.49	0.0000242	1330207 Xylenes	0 30YrCancerDerived	*	0
1135 ALL	486410.6	3675016.49	0.0000258	1330207 Xylenes	0 30YrCancerDerived	*	0
1136 ALL	486431.44	3675016.49	0.000031	1330207 Xylenes	0 30YrCancerDerived	*	0
1137 ALL	486452.28	3675016.49	0.0000369	1330207 Xylenes	0 30YrCancerDerived	*	0
1138 ALL	486473.12	3675016.49	0.0000396	1330207 Xylenes	0 30YrCancerDerived	*	0
1139 ALL	486493.96	3675016.49	0.0000407	1330207 Xylenes	0 30YrCancerDerived	*	0
1140 ALL	486514.8	3675016.49	0.000042	1330207 Xylenes	0 30YrCancerDerived	*	0
1141 ALL	485889.6	3675036.37	0.000021	1330207 Xylenes	0 30YrCancerDerived	*	0

1142	ALL	485910.44	3675036.37	0.0000277	1330207	Xylenes	0	30YrCancerDerived	*	0
1143	ALL	485931.28	3675036.37	0.0000327	1330207	Xylenes	0	30YrCancerDerived	*	0
1144	ALL	485952.12	3675036.37	0.0000426	1330207	Xylenes	0	30YrCancerDerived	*	0
1145	ALL	485972.96	3675036.37	0.000033	1330207	Xylenes	0	30YrCancerDerived	*	0
1146	ALL	485993.8	3675036.37	0.0000254	1330207	Xylenes	0	30YrCancerDerived	*	0
1147	ALL	486014.64	3675036.37	0.0000229	1330207	Xylenes	0	30YrCancerDerived	*	0
1148	ALL	486035.48	3675036.37	0.0000211	1330207	Xylenes	0	30YrCancerDerived	*	0
1149	ALL	486056.32	3675036.37	0.000021	1330207	Xylenes	0	30YrCancerDerived	*	0
1150	ALL	486077.16	3675036.37	0.0000219	1330207	Xylenes	0	30YrCancerDerived	*	0
1151	ALL	486098	3675036.37	0.0000229	1330207	Xylenes	0	30YrCancerDerived	*	0
1152	ALL	486118.84	3675036.37	0.0000224	1330207	Xylenes	0	30YrCancerDerived	*	0
1153	ALL	486139.68	3675036.37	0.0000207	1330207	Xylenes	0	30YrCancerDerived	*	0
1154	ALL	486160.52	3675036.37	0.0000204	1330207	Xylenes	0	30YrCancerDerived	*	0
1155	ALL	486181.36	3675036.37	0.0000193	1330207	Xylenes	0	30YrCancerDerived	*	0
1156	ALL	486202.2	3675036.37	0.0000176	1330207	Xylenes	0	30YrCancerDerived	*	0
1157	ALL	486223.04	3675036.37	0.0000164	1330207	Xylenes	0	30YrCancerDerived	*	0
1158	ALL	486243.88	3675036.37	0.0000162	1330207	Xylenes	0	30YrCancerDerived	*	0
1159	ALL	486264.72	3675036.37	0.0000163	1330207	Xylenes	0	30YrCancerDerived	*	0
1160	ALL	486285.56	3675036.37	0.0000161	1330207	Xylenes	0	30YrCancerDerived	*	0
1161	ALL	486306.4	3675036.37	0.0000162	1330207	Xylenes	0	30YrCancerDerived	*	0
1162	ALL	486327.24	3675036.37	0.0000179	1330207	Xylenes	0	30YrCancerDerived	*	0
1163	ALL	486348.08	3675036.37	0.0000213	1330207	Xylenes	0	30YrCancerDerived	*	0
1164	ALL	486368.92	3675036.37	0.0000271	1330207	Xylenes	0	30YrCancerDerived	*	0
1165	ALL	486389.76	3675036.37	0.0000325	1330207	Xylenes	0	30YrCancerDerived	*	0
1166	ALL	486410.6	3675036.37	0.000035	1330207	Xylenes	0	30YrCancerDerived	*	0
1167	ALL	486431.44	3675036.37	0.0000416	1330207	Xylenes	0	30YrCancerDerived	*	0
1168	ALL	486452.28	3675036.37	0.0000463	1330207	Xylenes	0	30YrCancerDerived	*	0
1169	ALL	486473.12	3675036.37	0.0000491	1330207	Xylenes	0	30YrCancerDerived	*	0
1170	ALL	486493.96	3675036.37	0.0000532	1330207	Xylenes	0	30YrCancerDerived	*	0
1171	ALL	486514.8	3675036.37	0.0000565	1330207	Xylenes	0	30YrCancerDerived	*	0
1172	ALL	485889.6	3675056.25	0.0000217	1330207	Xylenes	0	30YrCancerDerived	*	0
1173	ALL	485910.44	3675056.25	0.0000287	1330207	Xylenes	0	30YrCancerDerived	*	0
1174	ALL	485931.28	3675056.25	0.0000379	1330207	Xylenes	0	30YrCancerDerived	*	0
1175	ALL	485952.12	3675056.25	0.0000468	1330207	Xylenes	0	30YrCancerDerived	*	0
1176	ALL	485972.96	3675056.25	0.00004	1330207	Xylenes	0	30YrCancerDerived	*	0

1177 ALL	485993.8	3675056.25	0.0000298	1330207 Xylenes	0 30YrCancerDerived	*	0
1178 ALL	486014.64	3675056.25	0.000026	1330207 Xylenes	0 30YrCancerDerived	*	0
1179 ALL	486035.48	3675056.25	0.0000225	1330207 Xylenes	0 30YrCancerDerived	*	0
1180 ALL	486056.32	3675056.25	0.0000216	1330207 Xylenes	0 30YrCancerDerived	*	0
1181 ALL	486077.16	3675056.25	0.0000205	1330207 Xylenes	0 30YrCancerDerived	*	0
1182 ALL	486098	3675056.25	0.0000201	1330207 Xylenes	0 30YrCancerDerived	*	0
1183 ALL	486118.84	3675056.25	0.00002	1330207 Xylenes	0 30YrCancerDerived	*	0
1184 ALL	486139.68	3675056.25	0.0000186	1330207 Xylenes	0 30YrCancerDerived	*	0
1185 ALL	486160.52	3675056.25	0.0000177	1330207 Xylenes	0 30YrCancerDerived	*	0
1186 ALL	486181.36	3675056.25	0.0000179	1330207 Xylenes	0 30YrCancerDerived	*	0
1187 ALL	486202.2	3675056.25	0.0000164	1330207 Xylenes	0 30YrCancerDerived	*	0
1188 ALL	486223.04	3675056.25	0.0000157	1330207 Xylenes	0 30YrCancerDerived	*	0
1189 ALL	486243.88	3675056.25	0.0000163	1330207 Xylenes	0 30YrCancerDerived	*	0
1190 ALL	486264.72	3675056.25	0.0000172	1330207 Xylenes	0 30YrCancerDerived	*	0
1191 ALL	486285.56	3675056.25	0.000018	1330207 Xylenes	0 30YrCancerDerived	*	0
1192 ALL	486306.4	3675056.25	0.0000188	1330207 Xylenes	0 30YrCancerDerived	*	0
1193 ALL	486327.24	3675056.25	0.0000206	1330207 Xylenes	0 30YrCancerDerived	*	0
1194 ALL	486348.08	3675056.25	0.0000257	1330207 Xylenes	0 30YrCancerDerived	*	0
1195 ALL	486368.92	3675056.25	0.0000323	1330207 Xylenes	0 30YrCancerDerived	*	0
1196 ALL	486389.76	3675056.25	0.0000361	1330207 Xylenes	0 30YrCancerDerived	*	0
1197 ALL	486410.6	3675056.25	0.0000378	1330207 Xylenes	0 30YrCancerDerived	*	0
1198 ALL	486431.44	3675056.25	0.0000419	1330207 Xylenes	0 30YrCancerDerived	*	0
1199 ALL	486452.28	3675056.25	0.0000451	1330207 Xylenes	0 30YrCancerDerived	*	0
1200 ALL	486473.12	3675056.25	0.0000485	1330207 Xylenes	0 30YrCancerDerived	*	0
1201 ALL	486493.96	3675056.25	0.0000554	1330207 Xylenes	0 30YrCancerDerived	*	0
1202 ALL	486514.8	3675056.25	0.0000635	1330207 Xylenes	0 30YrCancerDerived	*	0
1203 ALL	485889.6	3675076.13	0.0000229	1330207 Xylenes	0 30YrCancerDerived	*	0
1204 ALL	485910.44	3675076.13	0.0000291	1330207 Xylenes	0 30YrCancerDerived	*	0
1205 ALL	485931.28	3675076.13	0.00004	1330207 Xylenes	0 30YrCancerDerived	*	0
1206 ALL	485952.12	3675076.13	0.0000509	1330207 Xylenes	0 30YrCancerDerived	*	0
1207 ALL	485972.96	3675076.13	0.000039	1330207 Xylenes	0 30YrCancerDerived	*	0
1208 ALL	485993.8	3675076.13	0.000028	1330207 Xylenes	0 30YrCancerDerived	*	0
1209 ALL	486014.64	3675076.13	0.0000249	1330207 Xylenes	0 30YrCancerDerived	*	0
1210 ALL	486035.48	3675076.13	0.0000237	1330207 Xylenes	0 30YrCancerDerived	*	0
1211 ALL	486056.32	3675076.13	0.0000223	1330207 Xylenes	0 30YrCancerDerived	*	0

1212 ALL	486077.16	3675076.13	0.0000207	1330207	Xylenes	0	30YrCancerDerived	*	0
1213 ALL	486098	3675076.13	0.0000184	1330207	Xylenes	0	30YrCancerDerived	*	0
1214 ALL	486118.84	3675076.13	0.0000175	1330207	Xylenes	0	30YrCancerDerived	*	0
1215 ALL	486139.68	3675076.13	0.0000166	1330207	Xylenes	0	30YrCancerDerived	*	0
1216 ALL	486160.52	3675076.13	0.0000153	1330207	Xylenes	0	30YrCancerDerived	*	0
1217 ALL	486181.36	3675076.13	0.0000152	1330207	Xylenes	0	30YrCancerDerived	*	0
1218 ALL	486202.2	3675076.13	0.0000153	1330207	Xylenes	0	30YrCancerDerived	*	0
1219 ALL	486223.04	3675076.13	0.0000155	1330207	Xylenes	0	30YrCancerDerived	*	0
1220 ALL	486243.88	3675076.13	0.0000165	1330207	Xylenes	0	30YrCancerDerived	*	0
1221 ALL	486264.72	3675076.13	0.000018	1330207	Xylenes	0	30YrCancerDerived	*	0
1222 ALL	486285.56	3675076.13	0.00002	1330207	Xylenes	0	30YrCancerDerived	*	0
1223 ALL	486306.4	3675076.13	0.0000225	1330207	Xylenes	0	30YrCancerDerived	*	0
1224 ALL	486327.24	3675076.13	0.000025	1330207	Xylenes	0	30YrCancerDerived	*	0
1225 ALL	486348.08	3675076.13	0.0000285	1330207	Xylenes	0	30YrCancerDerived	*	0
1226 ALL	486368.92	3675076.13	0.000029	1330207	Xylenes	0	30YrCancerDerived	*	0
1227 ALL	486389.76	3675076.13	0.0000298	1330207	Xylenes	0	30YrCancerDerived	*	0
1228 ALL	486410.6	3675076.13	0.000031	1330207	Xylenes	0	30YrCancerDerived	*	0
1229 ALL	486431.44	3675076.13	0.000033	1330207	Xylenes	0	30YrCancerDerived	*	0
1230 ALL	486452.28	3675076.13	0.0000357	1330207	Xylenes	0	30YrCancerDerived	*	0
1231 ALL	486473.12	3675076.13	0.0000389	1330207	Xylenes	0	30YrCancerDerived	*	0
1232 ALL	486493.96	3675076.13	0.0000434	1330207	Xylenes	0	30YrCancerDerived	*	0
1233 ALL	486514.8	3675076.13	0.0000496	1330207	Xylenes	0	30YrCancerDerived	*	0
1234 ALL	485889.6	3675096.01	0.0000229	1330207	Xylenes	0	30YrCancerDerived	*	0
1235 ALL	485910.44	3675096.01	0.0000304	1330207	Xylenes	0	30YrCancerDerived	*	0
1236 ALL	485931.28	3675096.01	0.0000451	1330207	Xylenes	0	30YrCancerDerived	*	0
1237 ALL	485952.12	3675096.01	0.0000608	1330207	Xylenes	0	30YrCancerDerived	*	0
1238 ALL	485972.96	3675096.01	0.0000438	1330207	Xylenes	0	30YrCancerDerived	*	0
1239 ALL	485993.8	3675096.01	0.0000295	1330207	Xylenes	0	30YrCancerDerived	*	0
1240 ALL	486014.64	3675096.01	0.0000256	1330207	Xylenes	0	30YrCancerDerived	*	0
1241 ALL	486035.48	3675096.01	0.0000254	1330207	Xylenes	0	30YrCancerDerived	*	0
1242 ALL	486056.32	3675096.01	0.0000253	1330207	Xylenes	0	30YrCancerDerived	*	0
1243 ALL	486077.16	3675096.01	0.0000243	1330207	Xylenes	0	30YrCancerDerived	*	0
1244 ALL	486098	3675096.01	0.0000207	1330207	Xylenes	0	30YrCancerDerived	*	0
1245 ALL	486118.84	3675096.01	0.0000168	1330207	Xylenes	0	30YrCancerDerived	*	0
1246 ALL	486139.68	3675096.01	0.0000151	1330207	Xylenes	0	30YrCancerDerived	*	0

1247 ALL	486160.52	3675096.01	0.0000141	1330207	Xylenes	0	30YrCancerDerived	*	0
1248 ALL	486181.36	3675096.01	0.0000141	1330207	Xylenes	0	30YrCancerDerived	*	0
1249 ALL	486202.2	3675096.01	0.0000144	1330207	Xylenes	0	30YrCancerDerived	*	0
1250 ALL	486223.04	3675096.01	0.0000154	1330207	Xylenes	0	30YrCancerDerived	*	0
1251 ALL	486243.88	3675096.01	0.000017	1330207	Xylenes	0	30YrCancerDerived	*	0
1252 ALL	486264.72	3675096.01	0.000019	1330207	Xylenes	0	30YrCancerDerived	*	0
1253 ALL	486285.56	3675096.01	0.0000215	1330207	Xylenes	0	30YrCancerDerived	*	0
1254 ALL	486306.4	3675096.01	0.0000244	1330207	Xylenes	0	30YrCancerDerived	*	0
1255 ALL	486327.24	3675096.01	0.0000243	1330207	Xylenes	0	30YrCancerDerived	*	0
1256 ALL	486348.08	3675096.01	0.0000235	1330207	Xylenes	0	30YrCancerDerived	*	0
1257 ALL	486368.92	3675096.01	0.000023	1330207	Xylenes	0	30YrCancerDerived	*	0
1258 ALL	486389.76	3675096.01	0.0000231	1330207	Xylenes	0	30YrCancerDerived	*	0
1259 ALL	486410.6	3675096.01	0.0000233	1330207	Xylenes	0	30YrCancerDerived	*	0
1260 ALL	486431.44	3675096.01	0.000024	1330207	Xylenes	0	30YrCancerDerived	*	0
1261 ALL	486452.28	3675096.01	0.0000261	1330207	Xylenes	0	30YrCancerDerived	*	0
1262 ALL	486473.12	3675096.01	0.0000286	1330207	Xylenes	0	30YrCancerDerived	*	0
1263 ALL	486493.96	3675096.01	0.0000318	1330207	Xylenes	0	30YrCancerDerived	*	0
1264 ALL	486514.8	3675096.01	0.0000369	1330207	Xylenes	0	30YrCancerDerived	*	0
1265 ALL	485889.6	3675115.89	0.0000252	1330207	Xylenes	0	30YrCancerDerived	*	0
1266 ALL	485910.44	3675115.89	0.0000309	1330207	Xylenes	0	30YrCancerDerived	*	0
1267 ALL	485931.28	3675115.89	0.000044	1330207	Xylenes	0	30YrCancerDerived	*	0
1268 ALL	485952.12	3675115.89	0.0000732	1330207	Xylenes	0	30YrCancerDerived	*	0
1269 ALL	485972.96	3675115.89	0.000064	1330207	Xylenes	0	30YrCancerDerived	*	0
1270 ALL	485993.8	3675115.89	0.0000429	1330207	Xylenes	0	30YrCancerDerived	*	0
1271 ALL	486014.64	3675115.89	0.000035	1330207	Xylenes	0	30YrCancerDerived	*	0
1272 ALL	486035.48	3675115.89	0.0000322	1330207	Xylenes	0	30YrCancerDerived	*	0
1273 ALL	486056.32	3675115.89	0.0000312	1330207	Xylenes	0	30YrCancerDerived	*	0
1274 ALL	486077.16	3675115.89	0.0000284	1330207	Xylenes	0	30YrCancerDerived	*	0
1275 ALL	486098	3675115.89	0.0000231	1330207	Xylenes	0	30YrCancerDerived	*	0
1276 ALL	486118.84	3675115.89	0.0000182	1330207	Xylenes	0	30YrCancerDerived	*	0
1277 ALL	486139.68	3675115.89	0.0000155	1330207	Xylenes	0	30YrCancerDerived	*	0
1278 ALL	486160.52	3675115.89	0.0000144	1330207	Xylenes	0	30YrCancerDerived	*	0
1279 ALL	486181.36	3675115.89	0.000014	1330207	Xylenes	0	30YrCancerDerived	*	0
1280 ALL	486202.2	3675115.89	0.0000144	1330207	Xylenes	0	30YrCancerDerived	*	0
1281 ALL	486223.04	3675115.89	0.0000161	1330207	Xylenes	0	30YrCancerDerived	*	0

1282 ALL	486243.88	3675115.89	0.0000177	1330207	Xylenes	0	30YrCancerDerived	*	0
1283 ALL	486264.72	3675115.89	0.0000191	1330207	Xylenes	0	30YrCancerDerived	*	0
1284 ALL	486285.56	3675115.89	0.0000197	1330207	Xylenes	0	30YrCancerDerived	*	0
1285 ALL	486306.4	3675115.89	0.0000209	1330207	Xylenes	0	30YrCancerDerived	*	0
1286 ALL	486327.24	3675115.89	0.0000205	1330207	Xylenes	0	30YrCancerDerived	*	0
1287 ALL	486348.08	3675115.89	0.0000191	1330207	Xylenes	0	30YrCancerDerived	*	0
1288 ALL	486368.92	3675115.89	0.0000177	1330207	Xylenes	0	30YrCancerDerived	*	0
1289 ALL	486389.76	3675115.89	0.0000172	1330207	Xylenes	0	30YrCancerDerived	*	0
1290 ALL	486410.6	3675115.89	0.0000171	1330207	Xylenes	0	30YrCancerDerived	*	0
1291 ALL	486431.44	3675115.89	0.0000179	1330207	Xylenes	0	30YrCancerDerived	*	0
1292 ALL	486452.28	3675115.89	0.0000194	1330207	Xylenes	0	30YrCancerDerived	*	0
1293 ALL	486473.12	3675115.89	0.0000214	1330207	Xylenes	0	30YrCancerDerived	*	0
1294 ALL	486493.96	3675115.89	0.0000249	1330207	Xylenes	0	30YrCancerDerived	*	0
1295 ALL	486514.8	3675115.89	0.0000295	1330207	Xylenes	0	30YrCancerDerived	*	0
1296 ALL	485889.6	3675135.77	0.0000244	1330207	Xylenes	0	30YrCancerDerived	*	0
1297 ALL	485910.44	3675135.77	0.0000356	1330207	Xylenes	0	30YrCancerDerived	*	0
1298 ALL	485931.28	3675135.77	0.0000499	1330207	Xylenes	0	30YrCancerDerived	*	0
1299 ALL	485952.12	3675135.77	0.0000731	1330207	Xylenes	0	30YrCancerDerived	*	0
1300 ALL	485972.96	3675135.77	0.000109636	1330207	Xylenes	0	30YrCancerDerived	*	0
1301 ALL	485993.8	3675135.77	0.0000788	1330207	Xylenes	0	30YrCancerDerived	*	0
1302 ALL	486014.64	3675135.77	0.0000589	1330207	Xylenes	0	30YrCancerDerived	*	0
1303 ALL	486035.48	3675135.77	0.0000451	1330207	Xylenes	0	30YrCancerDerived	*	0
1304 ALL	486056.32	3675135.77	0.0000352	1330207	Xylenes	0	30YrCancerDerived	*	0
1305 ALL	486077.16	3675135.77	0.0000285	1330207	Xylenes	0	30YrCancerDerived	*	0
1306 ALL	486098	3675135.77	0.0000221	1330207	Xylenes	0	30YrCancerDerived	*	0
1307 ALL	486118.84	3675135.77	0.0000174	1330207	Xylenes	0	30YrCancerDerived	*	0
1308 ALL	486139.68	3675135.77	0.0000152	1330207	Xylenes	0	30YrCancerDerived	*	0
1309 ALL	486160.52	3675135.77	0.0000143	1330207	Xylenes	0	30YrCancerDerived	*	0
1310 ALL	486181.36	3675135.77	0.000014	1330207	Xylenes	0	30YrCancerDerived	*	0
1311 ALL	486202.2	3675135.77	0.0000144	1330207	Xylenes	0	30YrCancerDerived	*	0
1312 ALL	486223.04	3675135.77	0.0000162	1330207	Xylenes	0	30YrCancerDerived	*	0
1313 ALL	486243.88	3675135.77	0.0000168	1330207	Xylenes	0	30YrCancerDerived	*	0
1314 ALL	486264.72	3675135.77	0.0000164	1330207	Xylenes	0	30YrCancerDerived	*	0
1315 ALL	486285.56	3675135.77	0.0000165	1330207	Xylenes	0	30YrCancerDerived	*	0
1316 ALL	486306.4	3675135.77	0.0000173	1330207	Xylenes	0	30YrCancerDerived	*	0

1317 ALL	486327.24	3675135.77	0.0000171	1330207 Xylenes	0 30YrCancerDerived	*	0
1318 ALL	486348.08	3675135.77	0.0000157	1330207 Xylenes	0 30YrCancerDerived	*	0
1319 ALL	486368.92	3675135.77	0.0000147	1330207 Xylenes	0 30YrCancerDerived	*	0
1320 ALL	486389.76	3675135.77	0.0000144	1330207 Xylenes	0 30YrCancerDerived	*	0
1321 ALL	486410.6	3675135.77	0.0000146	1330207 Xylenes	0 30YrCancerDerived	*	0
1322 ALL	486431.44	3675135.77	0.0000157	1330207 Xylenes	0 30YrCancerDerived	*	0
1323 ALL	486452.28	3675135.77	0.0000171	1330207 Xylenes	0 30YrCancerDerived	*	0
1324 ALL	486473.12	3675135.77	0.0000201	1330207 Xylenes	0 30YrCancerDerived	*	0
1325 ALL	486493.96	3675135.77	0.0000234	1330207 Xylenes	0 30YrCancerDerived	*	0
1326 ALL	486514.8	3675135.77	0.0000292	1330207 Xylenes	0 30YrCancerDerived	*	0
1327 ALL	486035.48	3675155.65	0.0000467	1330207 Xylenes	0 30YrCancerDerived	*	0
1328 ALL	486056.32	3675155.65	0.0000353	1330207 Xylenes	0 30YrCancerDerived	*	0
1329 ALL	486077.16	3675155.65	0.0000289	1330207 Xylenes	0 30YrCancerDerived	*	0
1330 ALL	486098	3675155.65	0.0000227	1330207 Xylenes	0 30YrCancerDerived	*	0
1331 ALL	486118.84	3675155.65	0.0000185	1330207 Xylenes	0 30YrCancerDerived	*	0
1332 ALL	486139.68	3675155.65	0.0000162	1330207 Xylenes	0 30YrCancerDerived	*	0
1333 ALL	486160.52	3675155.65	0.0000149	1330207 Xylenes	0 30YrCancerDerived	*	0
1334 ALL	486181.36	3675155.65	0.0000143	1330207 Xylenes	0 30YrCancerDerived	*	0
1335 ALL	486202.2	3675155.65	0.000014	1330207 Xylenes	0 30YrCancerDerived	*	0
1336 ALL	486223.04	3675155.65	0.0000145	1330207 Xylenes	0 30YrCancerDerived	*	0
1337 ALL	486243.88	3675155.65	0.000015	1330207 Xylenes	0 30YrCancerDerived	*	0
1338 ALL	486264.72	3675155.65	0.0000143	1330207 Xylenes	0 30YrCancerDerived	*	0
1339 ALL	486285.56	3675155.65	0.0000143	1330207 Xylenes	0 30YrCancerDerived	*	0
1340 ALL	486306.4	3675155.65	0.0000152	1330207 Xylenes	0 30YrCancerDerived	*	0
1341 ALL	486327.24	3675155.65	0.0000155	1330207 Xylenes	0 30YrCancerDerived	*	0
1342 ALL	486348.08	3675155.65	0.0000146	1330207 Xylenes	0 30YrCancerDerived	*	0
1343 ALL	486368.92	3675155.65	0.000014	1330207 Xylenes	0 30YrCancerDerived	*	0
1344 ALL	486389.76	3675155.65	0.0000138	1330207 Xylenes	0 30YrCancerDerived	*	0
1345 ALL	486410.6	3675155.65	0.0000145	1330207 Xylenes	0 30YrCancerDerived	*	0
1346 ALL	486431.44	3675155.65	0.000016	1330207 Xylenes	0 30YrCancerDerived	*	0
1347 ALL	486452.28	3675155.65	0.0000182	1330207 Xylenes	0 30YrCancerDerived	*	0
1348 ALL	486473.12	3675155.65	0.0000213	1330207 Xylenes	0 30YrCancerDerived	*	0
1349 ALL	486493.96	3675155.65	0.0000242	1330207 Xylenes	0 30YrCancerDerived	*	0
1350 ALL	486514.8	3675155.65	0.0000318	1330207 Xylenes	0 30YrCancerDerived	*	0
1351 ALL	486077.16	3675175.53	0.0000317	1330207 Xylenes	0 30YrCancerDerived	*	0

1352 ALL	486098	3675175.53	0.0000248	1330207	Xylenes	0	30YrCancerDerived	*	0
1353 ALL	486118.84	3675175.53	0.0000202	1330207	Xylenes	0	30YrCancerDerived	*	0
1354 ALL	486139.68	3675175.53	0.0000177	1330207	Xylenes	0	30YrCancerDerived	*	0
1355 ALL	486160.52	3675175.53	0.0000151	1330207	Xylenes	0	30YrCancerDerived	*	0
1356 ALL	486181.36	3675175.53	0.0000143	1330207	Xylenes	0	30YrCancerDerived	*	0
1357 ALL	486202.2	3675175.53	0.0000136	1330207	Xylenes	0	30YrCancerDerived	*	0
1358 ALL	486223.04	3675175.53	0.0000136	1330207	Xylenes	0	30YrCancerDerived	*	0
1359 ALL	486243.88	3675175.53	0.0000136	1330207	Xylenes	0	30YrCancerDerived	*	0
1360 ALL	486264.72	3675175.53	0.0000132	1330207	Xylenes	0	30YrCancerDerived	*	0
1361 ALL	486285.56	3675175.53	0.0000134	1330207	Xylenes	0	30YrCancerDerived	*	0
1362 ALL	486306.4	3675175.53	0.0000142	1330207	Xylenes	0	30YrCancerDerived	*	0
1363 ALL	486327.24	3675175.53	0.0000145	1330207	Xylenes	0	30YrCancerDerived	*	0
1364 ALL	486348.08	3675175.53	0.0000143	1330207	Xylenes	0	30YrCancerDerived	*	0
1365 ALL	486368.92	3675175.53	0.0000142	1330207	Xylenes	0	30YrCancerDerived	*	0
1366 ALL	486389.76	3675175.53	0.0000145	1330207	Xylenes	0	30YrCancerDerived	*	0
1367 ALL	486410.6	3675175.53	0.0000156	1330207	Xylenes	0	30YrCancerDerived	*	0
1368 ALL	486431.44	3675175.53	0.0000176	1330207	Xylenes	0	30YrCancerDerived	*	0
1369 ALL	486452.28	3675175.53	0.0000201	1330207	Xylenes	0	30YrCancerDerived	*	0
1370 ALL	486473.12	3675175.53	0.0000235	1330207	Xylenes	0	30YrCancerDerived	*	0
1371 ALL	486493.96	3675175.53	0.0000276	1330207	Xylenes	0	30YrCancerDerived	*	0
1372 ALL	486514.8	3675175.53	0.0000358	1330207	Xylenes	0	30YrCancerDerived	*	0
1373 ALL	486098	3675195.41	0.0000242	1330207	Xylenes	0	30YrCancerDerived	*	0
1374 ALL	486118.84	3675195.41	0.0000201	1330207	Xylenes	0	30YrCancerDerived	*	0
1375 ALL	486139.68	3675195.41	0.0000172	1330207	Xylenes	0	30YrCancerDerived	*	0
1376 ALL	486160.52	3675195.41	0.0000151	1330207	Xylenes	0	30YrCancerDerived	*	0
1377 ALL	486181.36	3675195.41	0.0000142	1330207	Xylenes	0	30YrCancerDerived	*	0
1378 ALL	486202.2	3675195.41	0.0000134	1330207	Xylenes	0	30YrCancerDerived	*	0
1379 ALL	486223.04	3675195.41	0.0000127	1330207	Xylenes	0	30YrCancerDerived	*	0
1380 ALL	486243.88	3675195.41	0.0000125	1330207	Xylenes	0	30YrCancerDerived	*	0
1381 ALL	486264.72	3675195.41	0.0000127	1330207	Xylenes	0	30YrCancerDerived	*	0
1382 ALL	486285.56	3675195.41	0.0000133	1330207	Xylenes	0	30YrCancerDerived	*	0
1383 ALL	486306.4	3675195.41	0.0000139	1330207	Xylenes	0	30YrCancerDerived	*	0
1384 ALL	486327.24	3675195.41	0.0000143	1330207	Xylenes	0	30YrCancerDerived	*	0
1385 ALL	486348.08	3675195.41	0.0000145	1330207	Xylenes	0	30YrCancerDerived	*	0
1386 ALL	486368.92	3675195.41	0.0000148	1330207	Xylenes	0	30YrCancerDerived	*	0

1387 ALL	486389.76	3675195.41	0.0000155	1330207 Xylenes	0 30YrCancerDerived	*	0
1388 ALL	486410.6	3675195.41	0.0000172	1330207 Xylenes	0 30YrCancerDerived	*	0
1389 ALL	486431.44	3675195.41	0.0000195	1330207 Xylenes	0 30YrCancerDerived	*	0
1390 ALL	486452.28	3675195.41	0.0000233	1330207 Xylenes	0 30YrCancerDerived	*	0
1391 ALL	486473.12	3675195.41	0.0000277	1330207 Xylenes	0 30YrCancerDerived	*	0
1392 ALL	486493.96	3675195.41	0.000035	1330207 Xylenes	0 30YrCancerDerived	*	0
1393 ALL	486514.8	3675195.41	0.0000476	1330207 Xylenes	0 30YrCancerDerived	*	0
1394 ALL	486098	3675215.29	0.0000245	1330207 Xylenes	0 30YrCancerDerived	*	0
1395 ALL	486118.84	3675215.29	0.0000192	1330207 Xylenes	0 30YrCancerDerived	*	0
1396 ALL	486139.68	3675215.29	0.0000155	1330207 Xylenes	0 30YrCancerDerived	*	0
1397 ALL	486160.52	3675215.29	0.0000141	1330207 Xylenes	0 30YrCancerDerived	*	0
1398 ALL	486181.36	3675215.29	0.0000136	1330207 Xylenes	0 30YrCancerDerived	*	0
1399 ALL	486202.2	3675215.29	0.0000131	1330207 Xylenes	0 30YrCancerDerived	*	0
1400 ALL	486223.04	3675215.29	0.0000126	1330207 Xylenes	0 30YrCancerDerived	*	0
1401 ALL	486243.88	3675215.29	0.0000127	1330207 Xylenes	0 30YrCancerDerived	*	0
1402 ALL	486264.72	3675215.29	0.000013	1330207 Xylenes	0 30YrCancerDerived	*	0
1403 ALL	486285.56	3675215.29	0.0000136	1330207 Xylenes	0 30YrCancerDerived	*	0
1404 ALL	486306.4	3675215.29	0.0000143	1330207 Xylenes	0 30YrCancerDerived	*	0
1405 ALL	486327.24	3675215.29	0.000015	1330207 Xylenes	0 30YrCancerDerived	*	0
1406 ALL	486348.08	3675215.29	0.0000155	1330207 Xylenes	0 30YrCancerDerived	*	0
1407 ALL	486368.92	3675215.29	0.0000162	1330207 Xylenes	0 30YrCancerDerived	*	0
1408 ALL	486389.76	3675215.29	0.0000174	1330207 Xylenes	0 30YrCancerDerived	*	0
1409 ALL	486410.6	3675215.29	0.0000197	1330207 Xylenes	0 30YrCancerDerived	*	0
1410 ALL	486431.44	3675215.29	0.0000237	1330207 Xylenes	0 30YrCancerDerived	*	0
1411 ALL	486452.28	3675215.29	0.0000279	1330207 Xylenes	0 30YrCancerDerived	*	0
1412 ALL	486473.12	3675215.29	0.0000338	1330207 Xylenes	0 30YrCancerDerived	*	0
1413 ALL	486493.96	3675215.29	0.0000456	1330207 Xylenes	0 30YrCancerDerived	*	0
1414 ALL	486514.8	3675215.29	0.0000635	1330207 Xylenes	0 30YrCancerDerived	*	0
1415 ALL	486118.84	3675235.17	0.0000192	1330207 Xylenes	0 30YrCancerDerived	*	0
1416 ALL	486139.68	3675235.17	0.0000163	1330207 Xylenes	0 30YrCancerDerived	*	0
1417 ALL	486160.52	3675235.17	0.0000144	1330207 Xylenes	0 30YrCancerDerived	*	0
1418 ALL	486181.36	3675235.17	0.0000134	1330207 Xylenes	0 30YrCancerDerived	*	0
1419 ALL	486202.2	3675235.17	0.0000129	1330207 Xylenes	0 30YrCancerDerived	*	0
1420 ALL	486223.04	3675235.17	0.000013	1330207 Xylenes	0 30YrCancerDerived	*	0
1421 ALL	486243.88	3675235.17	0.0000135	1330207 Xylenes	0 30YrCancerDerived	*	0

1422	ALL	486264.72	3675235.17	0.0000138	1330207	Xylenes	0	30YrCancerDerived	*	0
1423	ALL	486285.56	3675235.17	0.0000143	1330207	Xylenes	0	30YrCancerDerived	*	0
1424	ALL	486306.4	3675235.17	0.0000152	1330207	Xylenes	0	30YrCancerDerived	*	0
1425	ALL	486327.24	3675235.17	0.0000165	1330207	Xylenes	0	30YrCancerDerived	*	0
1426	ALL	486348.08	3675235.17	0.0000176	1330207	Xylenes	0	30YrCancerDerived	*	0
1427	ALL	486368.92	3675235.17	0.0000187	1330207	Xylenes	0	30YrCancerDerived	*	0
1428	ALL	486389.76	3675235.17	0.0000211	1330207	Xylenes	0	30YrCancerDerived	*	0
1429	ALL	486410.6	3675235.17	0.0000251	1330207	Xylenes	0	30YrCancerDerived	*	0
1430	ALL	486431.44	3675235.17	0.0000299	1330207	Xylenes	0	30YrCancerDerived	*	0
1431	ALL	486452.28	3675235.17	0.0000362	1330207	Xylenes	0	30YrCancerDerived	*	0
1432	ALL	486473.12	3675235.17	0.0000469	1330207	Xylenes	0	30YrCancerDerived	*	0
1433	ALL	486493.96	3675235.17	0.0000584	1330207	Xylenes	0	30YrCancerDerived	*	0
1434	ALL	486514.8	3675235.17	0.0000688	1330207	Xylenes	0	30YrCancerDerived	*	0
1435	ALL	486139.68	3675255.05	0.0000178	1330207	Xylenes	0	30YrCancerDerived	*	0
1436	ALL	486160.52	3675255.05	0.0000161	1330207	Xylenes	0	30YrCancerDerived	*	0
1437	ALL	486181.36	3675255.05	0.0000148	1330207	Xylenes	0	30YrCancerDerived	*	0
1438	ALL	486202.2	3675255.05	0.0000138	1330207	Xylenes	0	30YrCancerDerived	*	0
1439	ALL	486223.04	3675255.05	0.000014	1330207	Xylenes	0	30YrCancerDerived	*	0
1440	ALL	486243.88	3675255.05	0.0000147	1330207	Xylenes	0	30YrCancerDerived	*	0
1441	ALL	486264.72	3675255.05	0.0000152	1330207	Xylenes	0	30YrCancerDerived	*	0
1442	ALL	486285.56	3675255.05	0.0000157	1330207	Xylenes	0	30YrCancerDerived	*	0
1443	ALL	486306.4	3675255.05	0.0000168	1330207	Xylenes	0	30YrCancerDerived	*	0
1444	ALL	486327.24	3675255.05	0.0000182	1330207	Xylenes	0	30YrCancerDerived	*	0
1445	ALL	486348.08	3675255.05	0.0000197	1330207	Xylenes	0	30YrCancerDerived	*	0
1446	ALL	486368.92	3675255.05	0.000022	1330207	Xylenes	0	30YrCancerDerived	*	0
1447	ALL	486389.76	3675255.05	0.0000245	1330207	Xylenes	0	30YrCancerDerived	*	0
1448	ALL	486410.6	3675255.05	0.0000272	1330207	Xylenes	0	30YrCancerDerived	*	0
1449	ALL	486431.44	3675255.05	0.0000316	1330207	Xylenes	0	30YrCancerDerived	*	0
1450	ALL	486452.28	3675255.05	0.0000364	1330207	Xylenes	0	30YrCancerDerived	*	0
1451	ALL	486473.12	3675255.05	0.0000411	1330207	Xylenes	0	30YrCancerDerived	*	0
1452	ALL	486493.96	3675255.05	0.0000456	1330207	Xylenes	0	30YrCancerDerived	*	0
1453	ALL	486514.8	3675255.05	0.0000461	1330207	Xylenes	0	30YrCancerDerived	*	0
1454	ALL	486535.64	3675255.05	0.0000468	1330207	Xylenes	0	30YrCancerDerived	*	0
1455	ALL	486264.72	3675274.93	0.0000172	1330207	Xylenes	0	30YrCancerDerived	*	0
1456	ALL	486285.56	3675274.93	0.0000176	1330207	Xylenes	0	30YrCancerDerived	*	0

1457 ALL	486306.4	3675274.93	0.0000179	1330207	Xylenes	0	30YrCancerDerived	*	0
1458 ALL	486327.24	3675274.93	0.0000191	1330207	Xylenes	0	30YrCancerDerived	*	0
1459 ALL	486348.08	3675274.93	0.0000206	1330207	Xylenes	0	30YrCancerDerived	*	0
1460 ALL	486368.92	3675274.93	0.0000219	1330207	Xylenes	0	30YrCancerDerived	*	0
1461 ALL	486389.76	3675274.93	0.0000226	1330207	Xylenes	0	30YrCancerDerived	*	0
1462 ALL	486410.6	3675274.93	0.0000233	1330207	Xylenes	0	30YrCancerDerived	*	0
1463 ALL	486431.44	3675274.93	0.0000253	1330207	Xylenes	0	30YrCancerDerived	*	0
1464 ALL	486452.28	3675274.93	0.0000289	1330207	Xylenes	0	30YrCancerDerived	*	0
1465 ALL	486473.12	3675274.93	0.0000318	1330207	Xylenes	0	30YrCancerDerived	*	0
1466 ALL	486493.96	3675274.93	0.0000334	1330207	Xylenes	0	30YrCancerDerived	*	0
1467 ALL	486514.8	3675274.93	0.000034	1330207	Xylenes	0	30YrCancerDerived	*	0
1468 ALL	486535.64	3675274.93	0.0000353	1330207	Xylenes	0	30YrCancerDerived	*	0
1469 ALL	486556.48	3675274.93	0.0000381	1330207	Xylenes	0	30YrCancerDerived	*	0
1470 ALL	486306.4	3675294.81	0.0000182	1330207	Xylenes	0	30YrCancerDerived	*	0
1471 ALL	486327.24	3675294.81	0.0000189	1330207	Xylenes	0	30YrCancerDerived	*	0
1472 ALL	486348.08	3675294.81	0.00002	1330207	Xylenes	0	30YrCancerDerived	*	0
1473 ALL	486368.92	3675294.81	0.0000207	1330207	Xylenes	0	30YrCancerDerived	*	0
1474 ALL	486389.76	3675294.81	0.0000206	1330207	Xylenes	0	30YrCancerDerived	*	0
1475 ALL	486410.6	3675294.81	0.0000203	1330207	Xylenes	0	30YrCancerDerived	*	0
1476 ALL	486431.44	3675294.81	0.000021	1330207	Xylenes	0	30YrCancerDerived	*	0
1477 ALL	486452.28	3675294.81	0.0000232	1330207	Xylenes	0	30YrCancerDerived	*	0
1478 ALL	486473.12	3675294.81	0.0000251	1330207	Xylenes	0	30YrCancerDerived	*	0
1479 ALL	486493.96	3675294.81	0.0000254	1330207	Xylenes	0	30YrCancerDerived	*	0
1480 ALL	486514.8	3675294.81	0.0000258	1330207	Xylenes	0	30YrCancerDerived	*	0
1481 ALL	486535.64	3675294.81	0.0000264	1330207	Xylenes	0	30YrCancerDerived	*	0
1482 ALL	486556.48	3675294.81	0.0000279	1330207	Xylenes	0	30YrCancerDerived	*	0
1483 ALL	486327.24	3675314.69	0.000018	1330207	Xylenes	0	30YrCancerDerived	*	0
1484 ALL	486348.08	3675314.69	0.0000189	1330207	Xylenes	0	30YrCancerDerived	*	0
1485 ALL	486368.92	3675314.69	0.0000193	1330207	Xylenes	0	30YrCancerDerived	*	0
1486 ALL	486389.76	3675314.69	0.0000186	1330207	Xylenes	0	30YrCancerDerived	*	0
1487 ALL	486410.6	3675314.69	0.0000176	1330207	Xylenes	0	30YrCancerDerived	*	0
1488 ALL	486431.44	3675314.69	0.0000182	1330207	Xylenes	0	30YrCancerDerived	*	0
1489 ALL	486452.28	3675314.69	0.00002	1330207	Xylenes	0	30YrCancerDerived	*	0
1490 ALL	486473.12	3675314.69	0.0000213	1330207	Xylenes	0	30YrCancerDerived	*	0
1491 ALL	486493.96	3675314.69	0.0000215	1330207	Xylenes	0	30YrCancerDerived	*	0

1492 ALL	486514.8	3675314.69	0.0000217	1330207	Xylenes	0	30YrCancerDerived	*	0
1493 ALL	486535.64	3675314.69	0.0000224	1330207	Xylenes	0	30YrCancerDerived	*	0
1494 ALL	486556.48	3675314.69	0.0000235	1330207	Xylenes	0	30YrCancerDerived	*	0
1495 ALL	486348.08	3675334.57	0.0000182	1330207	Xylenes	0	30YrCancerDerived	*	0
1496 ALL	486368.92	3675334.57	0.0000183	1330207	Xylenes	0	30YrCancerDerived	*	0
1497 ALL	486389.76	3675334.57	0.0000178	1330207	Xylenes	0	30YrCancerDerived	*	0
1498 ALL	486410.6	3675334.57	0.0000169	1330207	Xylenes	0	30YrCancerDerived	*	0
1499 ALL	486431.44	3675334.57	0.0000172	1330207	Xylenes	0	30YrCancerDerived	*	0
1500 ALL	486452.28	3675334.57	0.0000181	1330207	Xylenes	0	30YrCancerDerived	*	0
1501 ALL	486473.12	3675334.57	0.0000181	1330207	Xylenes	0	30YrCancerDerived	*	0
1502 ALL	486493.96	3675334.57	0.0000185	1330207	Xylenes	0	30YrCancerDerived	*	0
1503 ALL	486514.8	3675334.57	0.0000192	1330207	Xylenes	0	30YrCancerDerived	*	0
1504 ALL	486535.64	3675334.57	0.0000204	1330207	Xylenes	0	30YrCancerDerived	*	0
1505 ALL	486368.92	3675354.45	0.0000184	1330207	Xylenes	0	30YrCancerDerived	*	0
1506 ALL	486389.76	3675354.45	0.0000179	1330207	Xylenes	0	30YrCancerDerived	*	0
1507 ALL	486410.6	3675354.45	0.0000181	1330207	Xylenes	0	30YrCancerDerived	*	0
1508 ALL	486431.44	3675354.45	0.0000178	1330207	Xylenes	0	30YrCancerDerived	*	0
1509 ALL	486452.28	3675354.45	0.0000174	1330207	Xylenes	0	30YrCancerDerived	*	0
1510 ALL	486473.12	3675354.45	0.0000174	1330207	Xylenes	0	30YrCancerDerived	*	0
1511 ALL	486493.96	3675354.45	0.0000179	1330207	Xylenes	0	30YrCancerDerived	*	0
1512 ALL	486514.8	3675354.45	0.0000192	1330207	Xylenes	0	30YrCancerDerived	*	0
1513 ALL	486431.44	3675374.33	0.0000187	1330207	Xylenes	0	30YrCancerDerived	*	0
1514 ALL	486452.28	3675374.33	0.0000182	1330207	Xylenes	0	30YrCancerDerived	*	0
1515 ALL	486473.12	3675374.33	0.0000182	1330207	Xylenes	0	30YrCancerDerived	*	0
1516 ALL	487872.39	3673252.61	0.003674291	1330207	Xylenes	0	30YrCancerDerived	*	0
1517 ALL	487892.39	3673252.61	0.006941038	1330207	Xylenes	0	30YrCancerDerived	*	0
1518 ALL	487912.39	3673252.61	0.009604019	1330207	Xylenes	0	30YrCancerDerived	*	0
1519 ALL	487932.39	3673252.61	0.01366299	1330207	Xylenes	0	30YrCancerDerived	*	0
1521 ALL	487852.39	3673272.61	0.002920037	1330207	Xylenes	0	30YrCancerDerived	*	0
1522 ALL	487872.39	3673272.61	0.004453877	1330207	Xylenes	0	30YrCancerDerived	*	0
1523 ALL	487892.39	3673272.61	0.007355512	1330207	Xylenes	0	30YrCancerDerived	*	0
1524 ALL	487912.39	3673272.61	0.009266458	1330207	Xylenes	0	30YrCancerDerived	*	0
1525 ALL	487932.39	3673272.61	0.01193797	1330207	Xylenes	0	30YrCancerDerived	*	0
1528 ALL	487832.39	3673292.61	0.0018965	1330207	Xylenes	0	30YrCancerDerived	*	0
1529 ALL	487852.39	3673292.61	0.002668267	1330207	Xylenes	0	30YrCancerDerived	*	0

1530 ALL	487872.39	3673292.61	0.003760408	1330207	Xylenes	0	30YrCancerDerived	*	0
1531 ALL	487892.39	3673292.61	0.005504728	1330207	Xylenes	0	30YrCancerDerived	*	0
1532 ALL	487912.39	3673292.61	0.007561504	1330207	Xylenes	0	30YrCancerDerived	*	0
1533 ALL	487932.39	3673292.61	0.009935562	1330207	Xylenes	0	30YrCancerDerived	*	0
1538 ALL	487812.39	3673312.61	0.000973935	1330207	Xylenes	0	30YrCancerDerived	*	0
1539 ALL	487832.39	3673312.61	0.001274551	1330207	Xylenes	0	30YrCancerDerived	*	0
1540 ALL	487852.39	3673312.61	0.001964763	1330207	Xylenes	0	30YrCancerDerived	*	0
1541 ALL	487872.39	3673312.61	0.003023956	1330207	Xylenes	0	30YrCancerDerived	*	0
1542 ALL	487892.39	3673312.61	0.004390049	1330207	Xylenes	0	30YrCancerDerived	*	0
1543 ALL	487912.39	3673312.61	0.006309357	1330207	Xylenes	0	30YrCancerDerived	*	0
1544 ALL	487932.39	3673312.61	0.008350273	1330207	Xylenes	0	30YrCancerDerived	*	0
1545 ALL	487952.39	3673312.61	0.00983311	1330207	Xylenes	0	30YrCancerDerived	*	0
1549 ALL	487792.39	3673332.61	0.000484114	1330207	Xylenes	0	30YrCancerDerived	*	0
1550 ALL	487812.39	3673332.61	0.000600302	1330207	Xylenes	0	30YrCancerDerived	*	0
1551 ALL	487832.39	3673332.61	0.000872181	1330207	Xylenes	0	30YrCancerDerived	*	0
1552 ALL	487852.39	3673332.61	0.001484795	1330207	Xylenes	0	30YrCancerDerived	*	0
1553 ALL	487872.39	3673332.61	0.002587031	1330207	Xylenes	0	30YrCancerDerived	*	0
1554 ALL	487892.39	3673332.61	0.003639382	1330207	Xylenes	0	30YrCancerDerived	*	0
1555 ALL	487912.39	3673332.61	0.005192796	1330207	Xylenes	0	30YrCancerDerived	*	0
1556 ALL	487932.39	3673332.61	0.006711341	1330207	Xylenes	0	30YrCancerDerived	*	0
1557 ALL	487952.39	3673332.61	0.007575624	1330207	Xylenes	0	30YrCancerDerived	*	0
1558 ALL	487972.39	3673332.61	0.008842993	1330207	Xylenes	0	30YrCancerDerived	*	0
1561 ALL	487772.39	3673352.61	0.000310618	1330207	Xylenes	0	30YrCancerDerived	*	0
1562 ALL	487792.39	3673352.61	0.00033504	1330207	Xylenes	0	30YrCancerDerived	*	0
1563 ALL	487812.39	3673352.61	0.000449306	1330207	Xylenes	0	30YrCancerDerived	*	0
1564 ALL	487832.39	3673352.61	0.000680486	1330207	Xylenes	0	30YrCancerDerived	*	0
1565 ALL	487852.39	3673352.61	0.001143892	1330207	Xylenes	0	30YrCancerDerived	*	0
1566 ALL	487872.39	3673352.61	0.00220687	1330207	Xylenes	0	30YrCancerDerived	*	0
1567 ALL	487892.39	3673352.61	0.003132055	1330207	Xylenes	0	30YrCancerDerived	*	0
1568 ALL	487912.39	3673352.61	0.003998212	1330207	Xylenes	0	30YrCancerDerived	*	0
1569 ALL	487932.39	3673352.61	0.005063755	1330207	Xylenes	0	30YrCancerDerived	*	0
1570 ALL	487952.39	3673352.61	0.005890229	1330207	Xylenes	0	30YrCancerDerived	*	0
1571 ALL	487972.39	3673352.61	0.00680637	1330207	Xylenes	0	30YrCancerDerived	*	0
1572 ALL	487992.39	3673352.61	0.007960994	1330207	Xylenes	0	30YrCancerDerived	*	0
1573 ALL	488012.39	3673352.61	0.008581879	1330207	Xylenes	0	30YrCancerDerived	*	0

1574 ALL	487724.34	3673332.79	0.00026488	1330207	Xylenes	0	30YrCancerDerived	*	0
1575 ALL	487792.39	3673372.61	0.000293198	1330207	Xylenes	0	30YrCancerDerived	*	0
1576 ALL	487812.39	3673372.61	0.000402607	1330207	Xylenes	0	30YrCancerDerived	*	0
1577 ALL	487832.39	3673372.61	0.000609277	1330207	Xylenes	0	30YrCancerDerived	*	0
1578 ALL	487852.39	3673372.61	0.000972513	1330207	Xylenes	0	30YrCancerDerived	*	0
1579 ALL	487872.39	3673372.61	0.001770156	1330207	Xylenes	0	30YrCancerDerived	*	0
1580 ALL	487892.39	3673372.61	0.002706961	1330207	Xylenes	0	30YrCancerDerived	*	0
1581 ALL	487912.39	3673372.61	0.003287975	1330207	Xylenes	0	30YrCancerDerived	*	0
1582 ALL	487932.39	3673372.61	0.004053026	1330207	Xylenes	0	30YrCancerDerived	*	0
1583 ALL	487952.39	3673372.61	0.00469053	1330207	Xylenes	0	30YrCancerDerived	*	0
1584 ALL	487972.39	3673372.61	0.005330052	1330207	Xylenes	0	30YrCancerDerived	*	0
1585 ALL	487992.39	3673372.61	0.005603121	1330207	Xylenes	0	30YrCancerDerived	*	0
1586 ALL	487724.34	3673352.79	0.000275792	1330207	Xylenes	0	30YrCancerDerived	*	0
1587 ALL	487744.34	3673352.79	0.000304518	1330207	Xylenes	0	30YrCancerDerived	*	0
1588 ALL	487812.39	3673392.61	0.000436933	1330207	Xylenes	0	30YrCancerDerived	*	0
1589 ALL	487832.39	3673392.61	0.00058391	1330207	Xylenes	0	30YrCancerDerived	*	0
1590 ALL	487852.39	3673392.61	0.00093149	1330207	Xylenes	0	30YrCancerDerived	*	0
1591 ALL	487872.39	3673392.61	0.001591212	1330207	Xylenes	0	30YrCancerDerived	*	0
1592 ALL	487892.39	3673392.61	0.002505321	1330207	Xylenes	0	30YrCancerDerived	*	0
1593 ALL	487912.39	3673392.61	0.003157111	1330207	Xylenes	0	30YrCancerDerived	*	0
1594 ALL	487932.39	3673392.61	0.00368977	1330207	Xylenes	0	30YrCancerDerived	*	0
1595 ALL	487952.39	3673392.61	0.004031341	1330207	Xylenes	0	30YrCancerDerived	*	0
1596 ALL	487972.39	3673392.61	0.00414717	1330207	Xylenes	0	30YrCancerDerived	*	0
1597 ALL	487992.39	3673392.61	0.003620758	1330207	Xylenes	0	30YrCancerDerived	*	0
1598 ALL	487724.34	3673372.79	0.000392697	1330207	Xylenes	0	30YrCancerDerived	*	0
1599 ALL	487744.34	3673372.79	0.000387524	1330207	Xylenes	0	30YrCancerDerived	*	0
1600 ALL	487852.39	3673412.61	0.001006585	1330207	Xylenes	0	30YrCancerDerived	*	0
1601 ALL	487872.39	3673412.61	0.001739873	1330207	Xylenes	0	30YrCancerDerived	*	0
1602 ALL	487892.39	3673412.61	0.002944042	1330207	Xylenes	0	30YrCancerDerived	*	0
1603 ALL	487912.39	3673412.61	0.004989869	1330207	Xylenes	0	30YrCancerDerived	*	0
1604 ALL	487932.39	3673412.61	0.004249529	1330207	Xylenes	0	30YrCancerDerived	*	0
1605 ALL	487952.39	3673412.61	0.003828924	1330207	Xylenes	0	30YrCancerDerived	*	0
1606 ALL	487972.39	3673412.61	0.003414591	1330207	Xylenes	0	30YrCancerDerived	*	0
1607 ALL	487992.39	3673412.61	0.002884466	1330207	Xylenes	0	30YrCancerDerived	*	0
1608 ALL	487724.34	3673392.79	0.000556768	1330207	Xylenes	0	30YrCancerDerived	*	0

1609	ALL	487744.34	3673392.79	0.000476656	1330207	Xylenes	0	30YrCancerDerived	*	0
1610	ALL	487872.39	3673432.61	0.002620808	1330207	Xylenes	0	30YrCancerDerived	*	0
1611	ALL	487892.39	3673432.61	0.005247488	1330207	Xylenes	0	30YrCancerDerived	*	0
1612	ALL	487912.39	3673432.61	0.01175788	1330207	Xylenes	0	30YrCancerDerived	*	0
1613	ALL	487932.39	3673432.61	0.006063651	1330207	Xylenes	0	30YrCancerDerived	*	0
1614	ALL	487952.39	3673432.61	0.004425849	1330207	Xylenes	0	30YrCancerDerived	*	0
1615	ALL	487972.39	3673432.61	0.003653543	1330207	Xylenes	0	30YrCancerDerived	*	0
1616	ALL	487724.34	3673412.79	0.000645311	1330207	Xylenes	0	30YrCancerDerived	*	0
1617	ALL	487744.34	3673412.79	0.000573631	1330207	Xylenes	0	30YrCancerDerived	*	0
1618	ALL	487912.39	3673452.61	0.01747824	1330207	Xylenes	0	30YrCancerDerived	*	0
1619	ALL	487932.39	3673452.61	0.01392834	1330207	Xylenes	0	30YrCancerDerived	*	0
1620	ALL	487952.39	3673452.61	0.00973737	1330207	Xylenes	0	30YrCancerDerived	*	0
1621	ALL	487972.39	3673452.61	0.004757188	1330207	Xylenes	0	30YrCancerDerived	*	0
1622	ALL	487724.34	3673432.79	0.000838945	1330207	Xylenes	0	30YrCancerDerived	*	0
1623	ALL	487744.34	3673432.79	0.000666335	1330207	Xylenes	0	30YrCancerDerived	*	0
1624	ALL	487932.39	3673472.61	0.01899252	1330207	Xylenes	0	30YrCancerDerived	*	0
1625	ALL	487952.39	3673472.61	0.01814688	1330207	Xylenes	0	30YrCancerDerived	*	0
1626	ALL	487724.34	3673452.79	0.001158096	1330207	Xylenes	0	30YrCancerDerived	*	0
1627	ALL	487744.34	3673452.79	0.000829947	1330207	Xylenes	0	30YrCancerDerived	*	0
1628	ALL	487724.34	3673472.79	0.00166031	1330207	Xylenes	0	30YrCancerDerived	*	0
1629	ALL	487724.34	3673492.79	0.003046302	1330207	Xylenes	0	30YrCancerDerived	*	0
1630	ALL	487744.36	3673445.97	0.000762441	1330207	Xylenes	0	30YrCancerDerived	*	0
1631	ALL	487765.2	3673445.97	0.000719835	1330207	Xylenes	0	30YrCancerDerived	*	0
1632	ALL	487786.04	3673445.97	0.000846772	1330207	Xylenes	0	30YrCancerDerived	*	0
1633	ALL	487723.52	3673465.85	0.001493629	1330207	Xylenes	0	30YrCancerDerived	*	0
1634	ALL	487744.36	3673465.85	0.001070541	1330207	Xylenes	0	30YrCancerDerived	*	0
1635	ALL	487765.2	3673465.85	0.00106424	1330207	Xylenes	0	30YrCancerDerived	*	0
1636	ALL	487786.04	3673465.85	0.001416339	1330207	Xylenes	0	30YrCancerDerived	*	0
1637	ALL	487806.88	3673465.85	0.001967764	1330207	Xylenes	0	30YrCancerDerived	*	0
1638	ALL	487723.52	3673485.73	0.002379466	1330207	Xylenes	0	30YrCancerDerived	*	0
1639	ALL	487744.36	3673485.73	0.001657482	1330207	Xylenes	0	30YrCancerDerived	*	0
1640	ALL	487765.2	3673485.73	0.001601961	1330207	Xylenes	0	30YrCancerDerived	*	0
1641	ALL	487786.04	3673485.73	0.002125594	1330207	Xylenes	0	30YrCancerDerived	*	0
1642	ALL	487806.88	3673485.73	0.003350066	1330207	Xylenes	0	30YrCancerDerived	*	0
1643	ALL	487827.72	3673485.73	0.005878497	1330207	Xylenes	0	30YrCancerDerived	*	0

1644 ALL	487848.56	3673485.73	0.01071914	1330207	Xylenes	0	30YrCancerDerived	*	0
1645 ALL	487723.52	3673505.61	0.004117063	1330207	Xylenes	0	30YrCancerDerived	*	0
1646 ALL	487744.36	3673505.61	0.003447511	1330207	Xylenes	0	30YrCancerDerived	*	0
1647 ALL	487765.2	3673505.61	0.002600226	1330207	Xylenes	0	30YrCancerDerived	*	0
1648 ALL	487786.04	3673505.61	0.003244372	1330207	Xylenes	0	30YrCancerDerived	*	0
1649 ALL	487806.88	3673505.61	0.004802884	1330207	Xylenes	0	30YrCancerDerived	*	0
1650 ALL	487827.72	3673505.61	0.007478236	1330207	Xylenes	0	30YrCancerDerived	*	0
1651 ALL	487848.56	3673505.61	0.01200132	1330207	Xylenes	0	30YrCancerDerived	*	0
1652 ALL	487869.4	3673505.61	0.01463113	1330207	Xylenes	0	30YrCancerDerived	*	0
1653 ALL	487744.36	3673525.49	0.004542738	1330207	Xylenes	0	30YrCancerDerived	*	0
1654 ALL	487765.2	3673525.49	0.003619088	1330207	Xylenes	0	30YrCancerDerived	*	0
1655 ALL	487786.04	3673525.49	0.003375632	1330207	Xylenes	0	30YrCancerDerived	*	0
1656 ALL	487806.88	3673525.49	0.004404775	1330207	Xylenes	0	30YrCancerDerived	*	0
1657 ALL	487827.72	3673525.49	0.00600067	1330207	Xylenes	0	30YrCancerDerived	*	0
1658 ALL	487848.56	3673525.49	0.008568126	1330207	Xylenes	0	30YrCancerDerived	*	0
1659 ALL	487869.4	3673525.49	0.01254729	1330207	Xylenes	0	30YrCancerDerived	*	0
1660 ALL	487890.24	3673525.49	0.0157468	1330207	Xylenes	0	30YrCancerDerived	*	0
1661 ALL	487911.08	3673525.49	0.01822277	1330207	Xylenes	0	30YrCancerDerived	*	0
1662 ALL	487744.36	3673545.37	0.004510886	1330207	Xylenes	0	30YrCancerDerived	*	0
1663 ALL	487765.2	3673545.37	0.003857032	1330207	Xylenes	0	30YrCancerDerived	*	0
1664 ALL	487786.04	3673545.37	0.002687735	1330207	Xylenes	0	30YrCancerDerived	*	0
1665 ALL	487806.88	3673545.37	0.002774328	1330207	Xylenes	0	30YrCancerDerived	*	0
1666 ALL	487827.72	3673545.37	0.003034882	1330207	Xylenes	0	30YrCancerDerived	*	0
1667 ALL	487848.56	3673545.37	0.003952929	1330207	Xylenes	0	30YrCancerDerived	*	0
1668 ALL	487869.4	3673545.37	0.007083367	1330207	Xylenes	0	30YrCancerDerived	*	0
1669 ALL	487890.24	3673545.37	0.01315993	1330207	Xylenes	0	30YrCancerDerived	*	0
1670 ALL	487911.08	3673545.37	0.01693304	1330207	Xylenes	0	30YrCancerDerived	*	0
1671 ALL	487931.92	3673545.37	0.01884814	1330207	Xylenes	0	30YrCancerDerived	*	0
1672 ALL	487744.36	3673565.25	0.004920897	1330207	Xylenes	0	30YrCancerDerived	*	0
1673 ALL	487765.2	3673565.25	0.00402347	1330207	Xylenes	0	30YrCancerDerived	*	0
1674 ALL	487786.04	3673565.25	0.002368737	1330207	Xylenes	0	30YrCancerDerived	*	0
1675 ALL	487806.88	3673565.25	0.001723183	1330207	Xylenes	0	30YrCancerDerived	*	0
1676 ALL	487827.72	3673565.25	0.001445415	1330207	Xylenes	0	30YrCancerDerived	*	0
1677 ALL	487848.56	3673565.25	0.001580279	1330207	Xylenes	0	30YrCancerDerived	*	0
1678 ALL	487869.4	3673565.25	0.002736757	1330207	Xylenes	0	30YrCancerDerived	*	0

1679	ALL	487890.24	3673565.25	0.007532418	1330207	Xylenes	0	30YrCancerDerived	*	0
1680	ALL	487911.08	3673565.25	0.013948	1330207	Xylenes	0	30YrCancerDerived	*	0
1681	ALL	487765.2	3673585.13	0.004486527	1330207	Xylenes	0	30YrCancerDerived	*	0
1682	ALL	487786.04	3673585.13	0.002074362	1330207	Xylenes	0	30YrCancerDerived	*	0
1683	ALL	487806.88	3673585.13	0.001330438	1330207	Xylenes	0	30YrCancerDerived	*	0
1684	ALL	487827.72	3673585.13	0.00104047	1330207	Xylenes	0	30YrCancerDerived	*	0
1685	ALL	487848.56	3673585.13	0.001126072	1330207	Xylenes	0	30YrCancerDerived	*	0
1686	ALL	487869.4	3673585.13	0.001836814	1330207	Xylenes	0	30YrCancerDerived	*	0
1687	ALL	487890.24	3673585.13	0.004611419	1330207	Xylenes	0	30YrCancerDerived	*	0
1688	ALL	487911.08	3673585.13	0.009753206	1330207	Xylenes	0	30YrCancerDerived	*	0
1689	ALL	487786.04	3673605.01	0.002180067	1330207	Xylenes	0	30YrCancerDerived	*	0
1690	ALL	487806.88	3673605.01	0.001179689	1330207	Xylenes	0	30YrCancerDerived	*	0
1691	ALL	487827.72	3673605.01	0.001060703	1330207	Xylenes	0	30YrCancerDerived	*	0
1692	ALL	487848.56	3673605.01	0.001181868	1330207	Xylenes	0	30YrCancerDerived	*	0
1693	ALL	487869.4	3673605.01	0.002328562	1330207	Xylenes	0	30YrCancerDerived	*	0
1694	ALL	487890.24	3673605.01	0.004925617	1330207	Xylenes	0	30YrCancerDerived	*	0
1	ALL	487640.16	3673346.57	0.000315971	50000	Formaldehyde	3.22E-09	30YrCancerDerived	*	3.22E-09 INHALATION
2	ALL	487661	3673346.57	0.000327567	50000	Formaldehyde	3.34E-09	30YrCancerDerived	*	3.34E-09 INHALATION
3	ALL	487681.84	3673346.57	0.000343572	50000	Formaldehyde	3.50E-09	30YrCancerDerived	*	3.50E-09 INHALATION
4	ALL	487702.68	3673346.57	0.000363067	50000	Formaldehyde	3.70E-09	30YrCancerDerived	*	3.70E-09 INHALATION
5	ALL	487723.52	3673346.57	0.0003862	50000	Formaldehyde	3.94E-09	30YrCancerDerived	*	3.94E-09 INHALATION
6	ALL	487598.48	3673366.45	0.000287176	50000	Formaldehyde	2.93E-09	30YrCancerDerived	*	2.93E-09 INHALATION
7	ALL	487619.32	3673366.45	0.000318486	50000	Formaldehyde	3.25E-09	30YrCancerDerived	*	3.25E-09 INHALATION
8	ALL	487640.16	3673366.45	0.000380764	50000	Formaldehyde	3.88E-09	30YrCancerDerived	*	3.88E-09 INHALATION
9	ALL	487661	3673366.45	0.000422431	50000	Formaldehyde	4.31E-09	30YrCancerDerived	*	4.31E-09 INHALATION
10	ALL	487681.84	3673366.45	0.000443565	50000	Formaldehyde	4.52E-09	30YrCancerDerived	*	4.52E-09 INHALATION
11	ALL	487702.68	3673366.45	0.000481107	50000	Formaldehyde	4.90E-09	30YrCancerDerived	*	4.90E-09 INHALATION
12	ALL	487723.52	3673366.45	0.000475967	50000	Formaldehyde	4.85E-09	30YrCancerDerived	*	4.85E-09 INHALATION
13	ALL	487577.64	3673386.33	0.000295158	50000	Formaldehyde	3.01E-09	30YrCancerDerived	*	3.01E-09 INHALATION
14	ALL	487598.48	3673386.33	0.000313078	50000	Formaldehyde	3.19E-09	30YrCancerDerived	*	3.19E-09 INHALATION
15	ALL	487619.32	3673386.33	0.000357345	50000	Formaldehyde	3.64E-09	30YrCancerDerived	*	3.64E-09 INHALATION
16	ALL	487640.16	3673386.33	0.000459319	50000	Formaldehyde	4.68E-09	30YrCancerDerived	*	4.68E-09 INHALATION
17	ALL	487661	3673386.33	0.000605204	50000	Formaldehyde	6.17E-09	30YrCancerDerived	*	6.17E-09 INHALATION
18	ALL	487681.84	3673386.33	0.000696776	50000	Formaldehyde	7.10E-09	30YrCancerDerived	*	7.10E-09 INHALATION
19	ALL	487702.68	3673386.33	0.000722941	50000	Formaldehyde	7.37E-09	30YrCancerDerived	*	7.37E-09 INHALATION

20 ALL	487723.52	3673386.33	0.00070574	50000	Formaldehyde	7.19E-09	30YrCancerDerived	*	7.19E-09	INHALATION
21 ALL	487473.44	3673406.21	0.000232452	50000	Formaldehyde	2.37E-09	30YrCancerDerived	*	2.37E-09	INHALATION
22 ALL	487494.28	3673406.21	0.000246381	50000	Formaldehyde	2.51E-09	30YrCancerDerived	*	2.51E-09	INHALATION
23 ALL	487515.12	3673406.21	0.000258993	50000	Formaldehyde	2.64E-09	30YrCancerDerived	*	2.64E-09	INHALATION
24 ALL	487535.96	3673406.21	0.000272902	50000	Formaldehyde	2.78E-09	30YrCancerDerived	*	2.78E-09	INHALATION
25 ALL	487556.8	3673406.21	0.000293339	50000	Formaldehyde	2.99E-09	30YrCancerDerived	*	2.99E-09	INHALATION
26 ALL	487577.64	3673406.21	0.000329243	50000	Formaldehyde	3.36E-09	30YrCancerDerived	*	3.36E-09	INHALATION
27 ALL	487598.48	3673406.21	0.000383892	50000	Formaldehyde	3.91E-09	30YrCancerDerived	*	3.91E-09	INHALATION
28 ALL	487619.32	3673406.21	0.000489594	50000	Formaldehyde	4.99E-09	30YrCancerDerived	*	4.99E-09	INHALATION
29 ALL	487640.16	3673406.21	0.000696869	50000	Formaldehyde	7.10E-09	30YrCancerDerived	*	7.10E-09	INHALATION
30 ALL	487661	3673406.21	0.000926175	50000	Formaldehyde	9.44E-09	30YrCancerDerived	*	9.44E-09	INHALATION
31 ALL	487681.84	3673406.21	0.001021789	50000	Formaldehyde	1.04E-08	30YrCancerDerived	*	1.04E-08	INHALATION
32 ALL	487702.68	3673406.21	0.000972489	50000	Formaldehyde	9.91E-09	30YrCancerDerived	*	9.91E-09	INHALATION
33 ALL	487723.52	3673406.21	0.000865403	50000	Formaldehyde	8.82E-09	30YrCancerDerived	*	8.82E-09	INHALATION
34 ALL	487431.76	3673426.09	0.00021925	50000	Formaldehyde	2.23E-09	30YrCancerDerived	*	2.23E-09	INHALATION
35 ALL	487452.6	3673426.09	0.000229789	50000	Formaldehyde	2.34E-09	30YrCancerDerived	*	2.34E-09	INHALATION
36 ALL	487473.44	3673426.09	0.000240518	50000	Formaldehyde	2.45E-09	30YrCancerDerived	*	2.45E-09	INHALATION
37 ALL	487494.28	3673426.09	0.000255775	50000	Formaldehyde	2.61E-09	30YrCancerDerived	*	2.61E-09	INHALATION
38 ALL	487515.12	3673426.09	0.00027306	50000	Formaldehyde	2.78E-09	30YrCancerDerived	*	2.78E-09	INHALATION
39 ALL	487535.96	3673426.09	0.000289744	50000	Formaldehyde	2.95E-09	30YrCancerDerived	*	2.95E-09	INHALATION
40 ALL	487556.8	3673426.09	0.000314291	50000	Formaldehyde	3.20E-09	30YrCancerDerived	*	3.20E-09	INHALATION
41 ALL	487577.64	3673426.09	0.000359016	50000	Formaldehyde	3.66E-09	30YrCancerDerived	*	3.66E-09	INHALATION
42 ALL	487598.48	3673426.09	0.00046427	50000	Formaldehyde	4.73E-09	30YrCancerDerived	*	4.73E-09	INHALATION
43 ALL	487619.32	3673426.09	0.000684073	50000	Formaldehyde	6.97E-09	30YrCancerDerived	*	6.97E-09	INHALATION
44 ALL	487640.16	3673426.09	0.001102169	50000	Formaldehyde	1.12E-08	30YrCancerDerived	*	1.12E-08	INHALATION
45 ALL	487661	3673426.09	0.001488306	50000	Formaldehyde	1.52E-08	30YrCancerDerived	*	1.52E-08	INHALATION
46 ALL	487681.84	3673426.09	0.001585998	50000	Formaldehyde	1.62E-08	30YrCancerDerived	*	1.62E-08	INHALATION
47 ALL	487702.68	3673426.09	0.001299357	50000	Formaldehyde	1.32E-08	30YrCancerDerived	*	1.32E-08	INHALATION
48 ALL	487723.52	3673426.09	0.001125038	50000	Formaldehyde	1.15E-08	30YrCancerDerived	*	1.15E-08	INHALATION
49 ALL	487410.92	3673445.97	0.000222819	50000	Formaldehyde	2.27E-09	30YrCancerDerived	*	2.27E-09	INHALATION
50 ALL	487431.76	3673445.97	0.000232192	50000	Formaldehyde	2.37E-09	30YrCancerDerived	*	2.37E-09	INHALATION
51 ALL	487452.6	3673445.97	0.000242782	50000	Formaldehyde	2.47E-09	30YrCancerDerived	*	2.47E-09	INHALATION
52 ALL	487473.44	3673445.97	0.000252982	50000	Formaldehyde	2.58E-09	30YrCancerDerived	*	2.58E-09	INHALATION
53 ALL	487494.28	3673445.97	0.000263666	50000	Formaldehyde	2.69E-09	30YrCancerDerived	*	2.69E-09	INHALATION
54 ALL	487515.12	3673445.97	0.000276341	50000	Formaldehyde	2.82E-09	30YrCancerDerived	*	2.82E-09	INHALATION

55 ALL	487535.96	3673445.97	0.000291273	50000	Formaldehyde	2.97E-09	30YrCancerDerived	*	2.97E-09	INHALATION
56 ALL	487556.8	3673445.97	0.00031738	50000	Formaldehyde	3.23E-09	30YrCancerDerived	*	3.23E-09	INHALATION
57 ALL	487577.64	3673445.97	0.000354916	50000	Formaldehyde	3.62E-09	30YrCancerDerived	*	3.62E-09	INHALATION
58 ALL	487598.48	3673445.97	0.000466034	50000	Formaldehyde	4.75E-09	30YrCancerDerived	*	4.75E-09	INHALATION
59 ALL	487619.32	3673445.97	0.000698516	50000	Formaldehyde	7.12E-09	30YrCancerDerived	*	7.12E-09	INHALATION
60 ALL	487640.16	3673445.97	0.001334483	50000	Formaldehyde	1.36E-08	30YrCancerDerived	*	1.36E-08	INHALATION
61 ALL	487661	3673445.97	0.00219417	50000	Formaldehyde	2.24E-08	30YrCancerDerived	*	2.24E-08	INHALATION
62 ALL	487681.84	3673445.97	0.002700714	50000	Formaldehyde	2.75E-08	30YrCancerDerived	*	2.75E-08	INHALATION
63 ALL	487702.68	3673445.97	0.002315282	50000	Formaldehyde	2.36E-08	30YrCancerDerived	*	2.36E-08	INHALATION
64 ALL	487369.24	3673465.85	0.000211325	50000	Formaldehyde	2.15E-09	30YrCancerDerived	*	2.15E-09	INHALATION
65 ALL	487390.08	3673465.85	0.000224613	50000	Formaldehyde	2.29E-09	30YrCancerDerived	*	2.29E-09	INHALATION
66 ALL	487410.92	3673465.85	0.000236181	50000	Formaldehyde	2.41E-09	30YrCancerDerived	*	2.41E-09	INHALATION
67 ALL	487431.76	3673465.85	0.0002541	50000	Formaldehyde	2.59E-09	30YrCancerDerived	*	2.59E-09	INHALATION
68 ALL	487452.6	3673465.85	0.000265128	50000	Formaldehyde	2.70E-09	30YrCancerDerived	*	2.70E-09	INHALATION
69 ALL	487473.44	3673465.85	0.000272172	50000	Formaldehyde	2.77E-09	30YrCancerDerived	*	2.77E-09	INHALATION
70 ALL	487494.28	3673465.85	0.000278261	50000	Formaldehyde	2.84E-09	30YrCancerDerived	*	2.84E-09	INHALATION
71 ALL	487515.12	3673465.85	0.000274298	50000	Formaldehyde	2.80E-09	30YrCancerDerived	*	2.80E-09	INHALATION
72 ALL	487535.96	3673465.85	0.000288039	50000	Formaldehyde	2.94E-09	30YrCancerDerived	*	2.94E-09	INHALATION
73 ALL	487556.8	3673465.85	0.000314676	50000	Formaldehyde	3.21E-09	30YrCancerDerived	*	3.21E-09	INHALATION
74 ALL	487577.64	3673465.85	0.000363444	50000	Formaldehyde	3.70E-09	30YrCancerDerived	*	3.70E-09	INHALATION
75 ALL	487598.48	3673465.85	0.000486269	50000	Formaldehyde	4.96E-09	30YrCancerDerived	*	4.96E-09	INHALATION
76 ALL	487619.32	3673465.85	0.00074103	50000	Formaldehyde	7.55E-09	30YrCancerDerived	*	7.55E-09	INHALATION
77 ALL	487640.16	3673465.85	0.001431104	50000	Formaldehyde	1.46E-08	30YrCancerDerived	*	1.46E-08	INHALATION
78 ALL	487661	3673465.85	0.002627553	50000	Formaldehyde	2.68E-08	30YrCancerDerived	*	2.68E-08	INHALATION
79 ALL	487681.84	3673465.85	0.003415461	50000	Formaldehyde	3.48E-08	30YrCancerDerived	*	3.48E-08	INHALATION
80 ALL	487702.68	3673465.85	0.003587695	50000	Formaldehyde	3.66E-08	30YrCancerDerived	*	3.66E-08	INHALATION
81 ALL	487348.4	3673485.73	0.000205528	50000	Formaldehyde	2.09E-09	30YrCancerDerived	*	2.09E-09	INHALATION
82 ALL	487369.24	3673485.73	0.000220046	50000	Formaldehyde	2.24E-09	30YrCancerDerived	*	2.24E-09	INHALATION
83 ALL	487390.08	3673485.73	0.000240225	50000	Formaldehyde	2.45E-09	30YrCancerDerived	*	2.45E-09	INHALATION
84 ALL	487410.92	3673485.73	0.000263769	50000	Formaldehyde	2.69E-09	30YrCancerDerived	*	2.69E-09	INHALATION
85 ALL	487431.76	3673485.73	0.000285036	50000	Formaldehyde	2.91E-09	30YrCancerDerived	*	2.91E-09	INHALATION
86 ALL	487452.6	3673485.73	0.000299565	50000	Formaldehyde	3.05E-09	30YrCancerDerived	*	3.05E-09	INHALATION
87 ALL	487473.44	3673485.73	0.000303628	50000	Formaldehyde	3.09E-09	30YrCancerDerived	*	3.09E-09	INHALATION
88 ALL	487494.28	3673485.73	0.000294687	50000	Formaldehyde	0.000000003	30YrCancerDerived	*	0.000000003	INHALATION
89 ALL	487515.12	3673485.73	0.000280997	50000	Formaldehyde	2.86E-09	30YrCancerDerived	*	2.86E-09	INHALATION

90 ALL	487535.96	3673485.73	0.000293715	50000	Formaldehyde	2.99E-09	30YrCancerDerived	*	2.99E-09	INHALATION
91 ALL	487556.8	3673485.73	0.000337463	50000	Formaldehyde	3.44E-09	30YrCancerDerived	*	3.44E-09	INHALATION
92 ALL	487577.64	3673485.73	0.000432142	50000	Formaldehyde	4.40E-09	30YrCancerDerived	*	4.40E-09	INHALATION
93 ALL	487598.48	3673485.73	0.000649006	50000	Formaldehyde	6.61E-09	30YrCancerDerived	*	6.61E-09	INHALATION
94 ALL	487619.32	3673485.73	0.001120186	50000	Formaldehyde	1.14E-08	30YrCancerDerived	*	1.14E-08	INHALATION
95 ALL	487640.16	3673485.73	0.002138755	50000	Formaldehyde	2.18E-08	30YrCancerDerived	*	2.18E-08	INHALATION
96 ALL	487661	3673485.73	0.003081073	50000	Formaldehyde	3.14E-08	30YrCancerDerived	*	3.14E-08	INHALATION
97 ALL	487681.84	3673485.73	0.00399354	50000	Formaldehyde	4.07E-08	30YrCancerDerived	*	4.07E-08	INHALATION
98 ALL	487223.36	3673505.61	0.000161063	50000	Formaldehyde	1.64E-09	30YrCancerDerived	*	1.64E-09	INHALATION
99 ALL	487244.2	3673505.61	0.000166585	50000	Formaldehyde	1.70E-09	30YrCancerDerived	*	1.70E-09	INHALATION
100 ALL	487327.56	3673505.61	0.0002053	50000	Formaldehyde	2.09E-09	30YrCancerDerived	*	2.09E-09	INHALATION
101 ALL	487348.4	3673505.61	0.000216423	50000	Formaldehyde	2.21E-09	30YrCancerDerived	*	2.21E-09	INHALATION
102 ALL	487369.24	3673505.61	0.000233127	50000	Formaldehyde	2.38E-09	30YrCancerDerived	*	2.38E-09	INHALATION
103 ALL	487390.08	3673505.61	0.000256431	50000	Formaldehyde	2.61E-09	30YrCancerDerived	*	2.61E-09	INHALATION
104 ALL	487410.92	3673505.61	0.000284628	50000	Formaldehyde	2.90E-09	30YrCancerDerived	*	2.90E-09	INHALATION
105 ALL	487431.76	3673505.61	0.000331088	50000	Formaldehyde	3.37E-09	30YrCancerDerived	*	3.37E-09	INHALATION
106 ALL	487452.6	3673505.61	0.000344771	50000	Formaldehyde	3.51E-09	30YrCancerDerived	*	3.51E-09	INHALATION
107 ALL	487473.44	3673505.61	0.000341251	50000	Formaldehyde	3.48E-09	30YrCancerDerived	*	3.48E-09	INHALATION
108 ALL	487494.28	3673505.61	0.00032015	50000	Formaldehyde	3.26E-09	30YrCancerDerived	*	3.26E-09	INHALATION
109 ALL	487515.12	3673505.61	0.000306699	50000	Formaldehyde	3.13E-09	30YrCancerDerived	*	3.13E-09	INHALATION
110 ALL	487535.96	3673505.61	0.00030813	50000	Formaldehyde	3.14E-09	30YrCancerDerived	*	3.14E-09	INHALATION
111 ALL	487556.8	3673505.61	0.000348553	50000	Formaldehyde	3.55E-09	30YrCancerDerived	*	3.55E-09	INHALATION
112 ALL	487577.64	3673505.61	0.000505558	50000	Formaldehyde	5.15E-09	30YrCancerDerived	*	5.15E-09	INHALATION
113 ALL	487598.48	3673505.61	0.001109317	50000	Formaldehyde	1.13E-08	30YrCancerDerived	*	1.13E-08	INHALATION
114 ALL	487619.32	3673505.61	0.002334098	50000	Formaldehyde	2.38E-08	30YrCancerDerived	*	2.38E-08	INHALATION
115 ALL	487640.16	3673505.61	0.003183901	50000	Formaldehyde	3.24E-08	30YrCancerDerived	*	3.24E-08	INHALATION
116 ALL	487661	3673505.61	0.002943752	50000	Formaldehyde	0.00000003	30YrCancerDerived	*	0.00000003	INHALATION
117 ALL	487681.84	3673505.61	0.003316307	50000	Formaldehyde	3.38E-08	30YrCancerDerived	*	3.38E-08	INHALATION
118 ALL	487223.36	3673525.49	0.000162934	50000	Formaldehyde	1.66E-09	30YrCancerDerived	*	1.66E-09	INHALATION
119 ALL	487244.2	3673525.49	0.000170023	50000	Formaldehyde	1.73E-09	30YrCancerDerived	*	1.73E-09	INHALATION
120 ALL	487265.04	3673525.49	0.000182412	50000	Formaldehyde	1.86E-09	30YrCancerDerived	*	1.86E-09	INHALATION
121 ALL	487306.72	3673525.49	0.000207312	50000	Formaldehyde	2.11E-09	30YrCancerDerived	*	2.11E-09	INHALATION
122 ALL	487327.56	3673525.49	0.000216794	50000	Formaldehyde	2.21E-09	30YrCancerDerived	*	2.21E-09	INHALATION
123 ALL	487348.4	3673525.49	0.000231952	50000	Formaldehyde	2.36E-09	30YrCancerDerived	*	2.36E-09	INHALATION
124 ALL	487369.24	3673525.49	0.000253515	50000	Formaldehyde	2.58E-09	30YrCancerDerived	*	2.58E-09	INHALATION

125	ALL	487390.08	3673525.49	0.000278133	50000	Formaldehyde	2.83E-09	30YrCancerDerived	*	2.83E-09	INHALATION
126	ALL	487410.92	3673525.49	0.000307863	50000	Formaldehyde	3.14E-09	30YrCancerDerived	*	3.14E-09	INHALATION
127	ALL	487431.76	3673525.49	0.000361023	50000	Formaldehyde	3.68E-09	30YrCancerDerived	*	3.68E-09	INHALATION
128	ALL	487452.6	3673525.49	0.000372163	50000	Formaldehyde	3.79E-09	30YrCancerDerived	*	3.79E-09	INHALATION
129	ALL	487473.44	3673525.49	0.000379117	50000	Formaldehyde	3.86E-09	30YrCancerDerived	*	3.86E-09	INHALATION
130	ALL	487494.28	3673525.49	0.000375878	50000	Formaldehyde	3.83E-09	30YrCancerDerived	*	3.83E-09	INHALATION
131	ALL	487515.12	3673525.49	0.000364347	50000	Formaldehyde	3.71E-09	30YrCancerDerived	*	3.71E-09	INHALATION
132	ALL	487535.96	3673525.49	0.000363452	50000	Formaldehyde	3.70E-09	30YrCancerDerived	*	3.70E-09	INHALATION
133	ALL	487556.8	3673525.49	0.000394688	50000	Formaldehyde	4.02E-09	30YrCancerDerived	*	4.02E-09	INHALATION
134	ALL	487577.64	3673525.49	0.000555322	50000	Formaldehyde	5.66E-09	30YrCancerDerived	*	5.66E-09	INHALATION
135	ALL	487598.48	3673525.49	0.001262779	50000	Formaldehyde	1.29E-08	30YrCancerDerived	*	1.29E-08	INHALATION
136	ALL	487619.32	3673525.49	0.002989631	50000	Formaldehyde	3.05E-08	30YrCancerDerived	*	3.05E-08	INHALATION
137	ALL	487640.16	3673525.49	0.001670365	50000	Formaldehyde	0.000000017	30YrCancerDerived	*	0.000000017	INHALATION
138	ALL	487661	3673525.49	0.001131093	50000	Formaldehyde	1.15E-08	30YrCancerDerived	*	1.15E-08	INHALATION
139	ALL	487202.52	3673545.37	0.000160735	50000	Formaldehyde	1.64E-09	30YrCancerDerived	*	1.64E-09	INHALATION
140	ALL	487223.36	3673545.37	0.000165477	50000	Formaldehyde	1.69E-09	30YrCancerDerived	*	1.69E-09	INHALATION
141	ALL	487244.2	3673545.37	0.000174381	50000	Formaldehyde	1.78E-09	30YrCancerDerived	*	1.78E-09	INHALATION
142	ALL	487265.04	3673545.37	0.000187709	50000	Formaldehyde	1.91E-09	30YrCancerDerived	*	1.91E-09	INHALATION
143	ALL	487285.88	3673545.37	0.000200295	50000	Formaldehyde	2.04E-09	30YrCancerDerived	*	2.04E-09	INHALATION
144	ALL	487306.72	3673545.37	0.000211969	50000	Formaldehyde	2.16E-09	30YrCancerDerived	*	2.16E-09	INHALATION
145	ALL	487327.56	3673545.37	0.000225825	50000	Formaldehyde	2.30E-09	30YrCancerDerived	*	2.30E-09	INHALATION
146	ALL	487348.4	3673545.37	0.000239396	50000	Formaldehyde	2.44E-09	30YrCancerDerived	*	2.44E-09	INHALATION
147	ALL	487369.24	3673545.37	0.000255985	50000	Formaldehyde	2.61E-09	30YrCancerDerived	*	2.61E-09	INHALATION
148	ALL	487390.08	3673545.37	0.000277703	50000	Formaldehyde	2.83E-09	30YrCancerDerived	*	2.83E-09	INHALATION
149	ALL	487410.92	3673545.37	0.00031075	50000	Formaldehyde	3.17E-09	30YrCancerDerived	*	3.17E-09	INHALATION
150	ALL	487431.76	3673545.37	0.000327536	50000	Formaldehyde	3.34E-09	30YrCancerDerived	*	3.34E-09	INHALATION
151	ALL	487452.6	3673545.37	0.000332794	50000	Formaldehyde	3.39E-09	30YrCancerDerived	*	3.39E-09	INHALATION
152	ALL	487473.44	3673545.37	0.00035295	50000	Formaldehyde	3.60E-09	30YrCancerDerived	*	3.60E-09	INHALATION
153	ALL	487494.28	3673545.37	0.000445871	50000	Formaldehyde	4.54E-09	30YrCancerDerived	*	4.54E-09	INHALATION
154	ALL	487515.12	3673545.37	0.00048869	50000	Formaldehyde	4.98E-09	30YrCancerDerived	*	4.98E-09	INHALATION
155	ALL	487535.96	3673545.37	0.000494976	50000	Formaldehyde	5.04E-09	30YrCancerDerived	*	5.04E-09	INHALATION
156	ALL	487556.8	3673545.37	0.000497797	50000	Formaldehyde	5.07E-09	30YrCancerDerived	*	5.07E-09	INHALATION
157	ALL	487577.64	3673545.37	0.000722282	50000	Formaldehyde	7.36E-09	30YrCancerDerived	*	7.36E-09	INHALATION
158	ALL	487598.48	3673545.37	0.001470568	50000	Formaldehyde	0.000000015	30YrCancerDerived	*	0.000000015	INHALATION
159	ALL	487619.32	3673545.37	0.001150481	50000	Formaldehyde	1.17E-08	30YrCancerDerived	*	1.17E-08	INHALATION

160 ALL	487640.16	3673545.37	0.000647388	50000	Formaldehyde	6.60E-09	30YrCancerDerived	*	6.60E-09	INHALATION
161 ALL	487661	3673545.37	0.00057049	50000	Formaldehyde	5.81E-09	30YrCancerDerived	*	5.81E-09	INHALATION
162 ALL	487181.68	3673565.25	0.000160548	50000	Formaldehyde	1.64E-09	30YrCancerDerived	*	1.64E-09	INHALATION
163 ALL	487202.52	3673565.25	0.00016375	50000	Formaldehyde	1.67E-09	30YrCancerDerived	*	1.67E-09	INHALATION
164 ALL	487223.36	3673565.25	0.000169499	50000	Formaldehyde	1.73E-09	30YrCancerDerived	*	1.73E-09	INHALATION
165 ALL	487244.2	3673565.25	0.000176962	50000	Formaldehyde	1.80E-09	30YrCancerDerived	*	1.80E-09	INHALATION
166 ALL	487265.04	3673565.25	0.000186104	50000	Formaldehyde	1.90E-09	30YrCancerDerived	*	1.90E-09	INHALATION
167 ALL	487285.88	3673565.25	0.000195054	50000	Formaldehyde	1.99E-09	30YrCancerDerived	*	1.99E-09	INHALATION
168 ALL	487306.72	3673565.25	0.000203536	50000	Formaldehyde	2.07E-09	30YrCancerDerived	*	2.07E-09	INHALATION
169 ALL	487327.56	3673565.25	0.00021401	50000	Formaldehyde	2.18E-09	30YrCancerDerived	*	2.18E-09	INHALATION
170 ALL	487348.4	3673565.25	0.000226498	50000	Formaldehyde	2.31E-09	30YrCancerDerived	*	2.31E-09	INHALATION
171 ALL	487369.24	3673565.25	0.000244884	50000	Formaldehyde	2.50E-09	30YrCancerDerived	*	2.50E-09	INHALATION
172 ALL	487390.08	3673565.25	0.000267193	50000	Formaldehyde	2.72E-09	30YrCancerDerived	*	2.72E-09	INHALATION
173 ALL	487410.92	3673565.25	0.000289877	50000	Formaldehyde	2.95E-09	30YrCancerDerived	*	2.95E-09	INHALATION
174 ALL	487431.76	3673565.25	0.000285496	50000	Formaldehyde	2.91E-09	30YrCancerDerived	*	2.91E-09	INHALATION
175 ALL	487452.6	3673565.25	0.000290519	50000	Formaldehyde	2.96E-09	30YrCancerDerived	*	2.96E-09	INHALATION
176 ALL	487473.44	3673565.25	0.000312824	50000	Formaldehyde	3.19E-09	30YrCancerDerived	*	3.19E-09	INHALATION
177 ALL	487494.28	3673565.25	0.000370311	50000	Formaldehyde	3.77E-09	30YrCancerDerived	*	3.77E-09	INHALATION
178 ALL	487515.12	3673565.25	0.000499428	50000	Formaldehyde	5.09E-09	30YrCancerDerived	*	5.09E-09	INHALATION
179 ALL	487535.96	3673565.25	0.000719632	50000	Formaldehyde	7.33E-09	30YrCancerDerived	*	7.33E-09	INHALATION
180 ALL	487556.8	3673565.25	0.001009519	50000	Formaldehyde	1.03E-08	30YrCancerDerived	*	1.03E-08	INHALATION
181 ALL	487577.64	3673565.25	0.001443674	50000	Formaldehyde	1.47E-08	30YrCancerDerived	*	1.47E-08	INHALATION
182 ALL	487598.48	3673565.25	0.001158221	50000	Formaldehyde	1.18E-08	30YrCancerDerived	*	1.18E-08	INHALATION
183 ALL	487619.32	3673565.25	0.000600568	50000	Formaldehyde	6.12E-09	30YrCancerDerived	*	6.12E-09	INHALATION
184 ALL	487640.16	3673565.25	0.000460998	50000	Formaldehyde	4.70E-09	30YrCancerDerived	*	4.70E-09	INHALATION
185 ALL	487098.32	3673585.13	0.000154271	50000	Formaldehyde	1.57E-09	30YrCancerDerived	*	1.57E-09	INHALATION
186 ALL	487119.16	3673585.13	0.000156752	50000	Formaldehyde	1.60E-09	30YrCancerDerived	*	1.60E-09	INHALATION
187 ALL	487140	3673585.13	0.000159352	50000	Formaldehyde	1.62E-09	30YrCancerDerived	*	1.62E-09	INHALATION
188 ALL	487160.84	3673585.13	0.000162422	50000	Formaldehyde	1.66E-09	30YrCancerDerived	*	1.66E-09	INHALATION
189 ALL	487181.68	3673585.13	0.000163838	50000	Formaldehyde	1.67E-09	30YrCancerDerived	*	1.67E-09	INHALATION
190 ALL	487202.52	3673585.13	0.000164878	50000	Formaldehyde	1.68E-09	30YrCancerDerived	*	1.68E-09	INHALATION
191 ALL	487223.36	3673585.13	0.000168511	50000	Formaldehyde	1.72E-09	30YrCancerDerived	*	1.72E-09	INHALATION
192 ALL	487244.2	3673585.13	0.00017406	50000	Formaldehyde	1.77E-09	30YrCancerDerived	*	1.77E-09	INHALATION
193 ALL	487265.04	3673585.13	0.000180058	50000	Formaldehyde	1.84E-09	30YrCancerDerived	*	1.84E-09	INHALATION
194 ALL	487285.88	3673585.13	0.000186859	50000	Formaldehyde	1.90E-09	30YrCancerDerived	*	1.90E-09	INHALATION

195 ALL	487306.72	3673585.13	0.000196134	50000 Formaldehyde	0.000000002 30YrCancerDerived	*	0.000000002 INHALATION
196 ALL	487327.56	3673585.13	0.000204709	50000 Formaldehyde	2.09E-09 30YrCancerDerived	*	2.09E-09 INHALATION
197 ALL	487348.4	3673585.13	0.000216808	50000 Formaldehyde	2.21E-09 30YrCancerDerived	*	2.21E-09 INHALATION
198 ALL	487369.24	3673585.13	0.000233336	50000 Formaldehyde	2.38E-09 30YrCancerDerived	*	2.38E-09 INHALATION
199 ALL	487390.08	3673585.13	0.000260376	50000 Formaldehyde	2.65E-09 30YrCancerDerived	*	2.65E-09 INHALATION
200 ALL	487410.92	3673585.13	0.000273782	50000 Formaldehyde	2.79E-09 30YrCancerDerived	*	2.79E-09 INHALATION
201 ALL	487431.76	3673585.13	0.000261977	50000 Formaldehyde	2.67E-09 30YrCancerDerived	*	2.67E-09 INHALATION
202 ALL	487452.6	3673585.13	0.000268995	50000 Formaldehyde	2.74E-09 30YrCancerDerived	*	2.74E-09 INHALATION
203 ALL	487473.44	3673585.13	0.000287247	50000 Formaldehyde	2.93E-09 30YrCancerDerived	*	2.93E-09 INHALATION
204 ALL	487494.28	3673585.13	0.000312438	50000 Formaldehyde	3.18E-09 30YrCancerDerived	*	3.18E-09 INHALATION
205 ALL	487515.12	3673585.13	0.000386027	50000 Formaldehyde	3.93E-09 30YrCancerDerived	*	3.93E-09 INHALATION
206 ALL	487535.96	3673585.13	0.000509203	50000 Formaldehyde	5.19E-09 30YrCancerDerived	*	5.19E-09 INHALATION
207 ALL	487556.8	3673585.13	0.000737956	50000 Formaldehyde	7.52E-09 30YrCancerDerived	*	7.52E-09 INHALATION
208 ALL	487577.64	3673585.13	0.000927707	50000 Formaldehyde	9.45E-09 30YrCancerDerived	*	9.45E-09 INHALATION
209 ALL	487598.48	3673585.13	0.000603563	50000 Formaldehyde	6.15E-09 30YrCancerDerived	*	6.15E-09 INHALATION
210 ALL	487619.32	3673585.13	0.000436823	50000 Formaldehyde	4.45E-09 30YrCancerDerived	*	4.45E-09 INHALATION
211 ALL	487098.32	3673605.01	0.000159934	50000 Formaldehyde	1.63E-09 30YrCancerDerived	*	1.63E-09 INHALATION
212 ALL	487119.16	3673605.01	0.000162396	50000 Formaldehyde	1.66E-09 30YrCancerDerived	*	1.66E-09 INHALATION
213 ALL	487140	3673605.01	0.000164831	50000 Formaldehyde	1.68E-09 30YrCancerDerived	*	1.68E-09 INHALATION
214 ALL	487160.84	3673605.01	0.000166552	50000 Formaldehyde	1.70E-09 30YrCancerDerived	*	1.70E-09 INHALATION
215 ALL	487181.68	3673605.01	0.000165099	50000 Formaldehyde	1.68E-09 30YrCancerDerived	*	1.68E-09 INHALATION
216 ALL	487202.52	3673605.01	0.000164519	50000 Formaldehyde	1.68E-09 30YrCancerDerived	*	1.68E-09 INHALATION
217 ALL	487223.36	3673605.01	0.000166527	50000 Formaldehyde	1.70E-09 30YrCancerDerived	*	1.70E-09 INHALATION
218 ALL	487244.2	3673605.01	0.00017176	50000 Formaldehyde	1.75E-09 30YrCancerDerived	*	1.75E-09 INHALATION
219 ALL	487265.04	3673605.01	0.000178323	50000 Formaldehyde	1.82E-09 30YrCancerDerived	*	1.82E-09 INHALATION
220 ALL	487285.88	3673605.01	0.00018436	50000 Formaldehyde	1.88E-09 30YrCancerDerived	*	1.88E-09 INHALATION
221 ALL	487306.72	3673605.01	0.000190988	50000 Formaldehyde	1.95E-09 30YrCancerDerived	*	1.95E-09 INHALATION
222 ALL	487327.56	3673605.01	0.000198297	50000 Formaldehyde	2.02E-09 30YrCancerDerived	*	2.02E-09 INHALATION
223 ALL	487348.4	3673605.01	0.000210796	50000 Formaldehyde	2.15E-09 30YrCancerDerived	*	2.15E-09 INHALATION
224 ALL	487369.24	3673605.01	0.000227806	50000 Formaldehyde	2.32E-09 30YrCancerDerived	*	2.32E-09 INHALATION
225 ALL	487390.08	3673605.01	0.000253763	50000 Formaldehyde	2.59E-09 30YrCancerDerived	*	2.59E-09 INHALATION
226 ALL	487410.92	3673605.01	0.000263779	50000 Formaldehyde	2.69E-09 30YrCancerDerived	*	2.69E-09 INHALATION
227 ALL	487431.76	3673605.01	0.000248131	50000 Formaldehyde	2.53E-09 30YrCancerDerived	*	2.53E-09 INHALATION
228 ALL	487452.6	3673605.01	0.000253852	50000 Formaldehyde	2.59E-09 30YrCancerDerived	*	2.59E-09 INHALATION
229 ALL	487473.44	3673605.01	0.000272232	50000 Formaldehyde	2.77E-09 30YrCancerDerived	*	2.77E-09 INHALATION

230	ALL	487494.28	3673605.01	0.000296053	50000	Formaldehyde	3.02E-09	30YrCancerDerived	*	3.02E-09	INHALATION
231	ALL	487515.12	3673605.01	0.000337943	50000	Formaldehyde	3.44E-09	30YrCancerDerived	*	3.44E-09	INHALATION
232	ALL	487535.96	3673605.01	0.000437259	50000	Formaldehyde	4.46E-09	30YrCancerDerived	*	4.46E-09	INHALATION
233	ALL	487556.8	3673605.01	0.000598312	50000	Formaldehyde	6.10E-09	30YrCancerDerived	*	6.10E-09	INHALATION
234	ALL	487577.64	3673605.01	0.00056414	50000	Formaldehyde	5.75E-09	30YrCancerDerived	*	5.75E-09	INHALATION
235	ALL	487598.48	3673605.01	0.000423853	50000	Formaldehyde	4.32E-09	30YrCancerDerived	*	4.32E-09	INHALATION
236	ALL	487119.16	3673624.89	0.000170121	50000	Formaldehyde	1.73E-09	30YrCancerDerived	*	1.73E-09	INHALATION
237	ALL	487140	3673624.89	0.000169029	50000	Formaldehyde	1.72E-09	30YrCancerDerived	*	1.72E-09	INHALATION
238	ALL	487160.84	3673624.89	0.000168565	50000	Formaldehyde	1.72E-09	30YrCancerDerived	*	1.72E-09	INHALATION
239	ALL	487181.68	3673624.89	0.000167225	50000	Formaldehyde	1.70E-09	30YrCancerDerived	*	1.70E-09	INHALATION
240	ALL	487202.52	3673624.89	0.000165988	50000	Formaldehyde	1.69E-09	30YrCancerDerived	*	1.69E-09	INHALATION
241	ALL	487223.36	3673624.89	0.000166437	50000	Formaldehyde	1.70E-09	30YrCancerDerived	*	1.70E-09	INHALATION
242	ALL	487244.2	3673624.89	0.00017054	50000	Formaldehyde	1.74E-09	30YrCancerDerived	*	1.74E-09	INHALATION
243	ALL	487265.04	3673624.89	0.000177781	50000	Formaldehyde	1.81E-09	30YrCancerDerived	*	1.81E-09	INHALATION
244	ALL	487285.88	3673624.89	0.000183868	50000	Formaldehyde	1.87E-09	30YrCancerDerived	*	1.87E-09	INHALATION
245	ALL	487306.72	3673624.89	0.000190279	50000	Formaldehyde	1.94E-09	30YrCancerDerived	*	1.94E-09	INHALATION
246	ALL	487327.56	3673624.89	0.000198258	50000	Formaldehyde	2.02E-09	30YrCancerDerived	*	2.02E-09	INHALATION
247	ALL	487348.4	3673624.89	0.000210861	50000	Formaldehyde	2.15E-09	30YrCancerDerived	*	2.15E-09	INHALATION
248	ALL	487369.24	3673624.89	0.000227419	50000	Formaldehyde	2.32E-09	30YrCancerDerived	*	2.32E-09	INHALATION
249	ALL	487390.08	3673624.89	0.000251359	50000	Formaldehyde	2.56E-09	30YrCancerDerived	*	2.56E-09	INHALATION
250	ALL	487410.92	3673624.89	0.000261054	50000	Formaldehyde	2.66E-09	30YrCancerDerived	*	2.66E-09	INHALATION
251	ALL	487431.76	3673624.89	0.00024347	50000	Formaldehyde	2.48E-09	30YrCancerDerived	*	2.48E-09	INHALATION
252	ALL	487452.6	3673624.89	0.000246828	50000	Formaldehyde	2.52E-09	30YrCancerDerived	*	2.52E-09	INHALATION
253	ALL	487473.44	3673624.89	0.000261725	50000	Formaldehyde	2.67E-09	30YrCancerDerived	*	2.67E-09	INHALATION
254	ALL	487494.28	3673624.89	0.000288038	50000	Formaldehyde	2.94E-09	30YrCancerDerived	*	2.94E-09	INHALATION
255	ALL	487515.12	3673624.89	0.000328677	50000	Formaldehyde	3.35E-09	30YrCancerDerived	*	3.35E-09	INHALATION
256	ALL	487535.96	3673624.89	0.000407418	50000	Formaldehyde	4.15E-09	30YrCancerDerived	*	4.15E-09	INHALATION
257	ALL	487556.8	3673624.89	0.00044923	50000	Formaldehyde	4.58E-09	30YrCancerDerived	*	4.58E-09	INHALATION
258	ALL	487577.64	3673624.89	0.000392813	50000	Formaldehyde	0.000000004	30YrCancerDerived	*	0.000000004	INHALATION
259	ALL	487119.16	3673644.77	0.000169656	50000	Formaldehyde	1.73E-09	30YrCancerDerived	*	1.73E-09	INHALATION
260	ALL	487140	3673644.77	0.000167447	50000	Formaldehyde	1.71E-09	30YrCancerDerived	*	1.71E-09	INHALATION
261	ALL	487160.84	3673644.77	0.000167984	50000	Formaldehyde	1.71E-09	30YrCancerDerived	*	1.71E-09	INHALATION
262	ALL	487181.68	3673644.77	0.000168562	50000	Formaldehyde	1.72E-09	30YrCancerDerived	*	1.72E-09	INHALATION
263	ALL	487202.52	3673644.77	0.000168263	50000	Formaldehyde	1.71E-09	30YrCancerDerived	*	1.71E-09	INHALATION
264	ALL	487223.36	3673644.77	0.000168502	50000	Formaldehyde	1.72E-09	30YrCancerDerived	*	1.72E-09	INHALATION

265 ALL	487244.2	3673644.77	0.000171596	50000	Formaldehyde	1.75E-09	30YrCancerDerived	*	1.75E-09	INHALATION
266 ALL	487265.04	3673644.77	0.000178117	50000	Formaldehyde	1.82E-09	30YrCancerDerived	*	1.82E-09	INHALATION
267 ALL	487285.88	3673644.77	0.000184857	50000	Formaldehyde	1.88E-09	30YrCancerDerived	*	1.88E-09	INHALATION
268 ALL	487306.72	3673644.77	0.000191872	50000	Formaldehyde	1.96E-09	30YrCancerDerived	*	1.96E-09	INHALATION
269 ALL	487327.56	3673644.77	0.000199655	50000	Formaldehyde	2.03E-09	30YrCancerDerived	*	2.03E-09	INHALATION
270 ALL	487348.4	3673644.77	0.00021016	50000	Formaldehyde	2.14E-09	30YrCancerDerived	*	2.14E-09	INHALATION
271 ALL	487369.24	3673644.77	0.00022347	50000	Formaldehyde	2.28E-09	30YrCancerDerived	*	2.28E-09	INHALATION
272 ALL	487390.08	3673644.77	0.000244479	50000	Formaldehyde	2.49E-09	30YrCancerDerived	*	2.49E-09	INHALATION
273 ALL	487410.92	3673644.77	0.000259771	50000	Formaldehyde	2.65E-09	30YrCancerDerived	*	2.65E-09	INHALATION
274 ALL	487431.76	3673644.77	0.00024584	50000	Formaldehyde	2.51E-09	30YrCancerDerived	*	2.51E-09	INHALATION
275 ALL	487452.6	3673644.77	0.000242176	50000	Formaldehyde	2.47E-09	30YrCancerDerived	*	2.47E-09	INHALATION
276 ALL	487473.44	3673644.77	0.000254993	50000	Formaldehyde	2.60E-09	30YrCancerDerived	*	2.60E-09	INHALATION
277 ALL	487494.28	3673644.77	0.000285732	50000	Formaldehyde	2.91E-09	30YrCancerDerived	*	2.91E-09	INHALATION
278 ALL	487515.12	3673644.77	0.000329253	50000	Formaldehyde	3.36E-09	30YrCancerDerived	*	3.36E-09	INHALATION
279 ALL	487535.96	3673644.77	0.000374388	50000	Formaldehyde	3.82E-09	30YrCancerDerived	*	3.82E-09	INHALATION
280 ALL	487556.8	3673644.77	0.000366594	50000	Formaldehyde	3.74E-09	30YrCancerDerived	*	3.74E-09	INHALATION
281 ALL	487160.84	3673664.65	0.000165683	50000	Formaldehyde	1.69E-09	30YrCancerDerived	*	1.69E-09	INHALATION
282 ALL	487181.68	3673664.65	0.000167248	50000	Formaldehyde	1.70E-09	30YrCancerDerived	*	1.70E-09	INHALATION
283 ALL	487202.52	3673664.65	0.000168031	50000	Formaldehyde	1.71E-09	30YrCancerDerived	*	1.71E-09	INHALATION
284 ALL	487223.36	3673664.65	0.000169609	50000	Formaldehyde	1.73E-09	30YrCancerDerived	*	1.73E-09	INHALATION
285 ALL	487244.2	3673664.65	0.000172887	50000	Formaldehyde	1.76E-09	30YrCancerDerived	*	1.76E-09	INHALATION
286 ALL	487327.56	3673664.65	0.000204034	50000	Formaldehyde	2.08E-09	30YrCancerDerived	*	2.08E-09	INHALATION
287 ALL	487348.4	3673664.65	0.000214569	50000	Formaldehyde	2.19E-09	30YrCancerDerived	*	2.19E-09	INHALATION
288 ALL	487369.24	3673664.65	0.000224606	50000	Formaldehyde	2.29E-09	30YrCancerDerived	*	2.29E-09	INHALATION
289 ALL	487390.08	3673664.65	0.0002435	50000	Formaldehyde	2.48E-09	30YrCancerDerived	*	2.48E-09	INHALATION
290 ALL	487410.92	3673664.65	0.000261344	50000	Formaldehyde	2.66E-09	30YrCancerDerived	*	2.66E-09	INHALATION
291 ALL	487431.76	3673664.65	0.000248775	50000	Formaldehyde	2.54E-09	30YrCancerDerived	*	2.54E-09	INHALATION
292 ALL	487452.6	3673664.65	0.000242453	50000	Formaldehyde	2.47E-09	30YrCancerDerived	*	2.47E-09	INHALATION
293 ALL	487473.44	3673664.65	0.000254228	50000	Formaldehyde	2.59E-09	30YrCancerDerived	*	2.59E-09	INHALATION
294 ALL	487494.28	3673664.65	0.000291216	50000	Formaldehyde	2.97E-09	30YrCancerDerived	*	2.97E-09	INHALATION
295 ALL	487515.12	3673664.65	0.000328071	50000	Formaldehyde	3.34E-09	30YrCancerDerived	*	3.34E-09	INHALATION
296 ALL	487535.96	3673664.65	0.000337093	50000	Formaldehyde	3.44E-09	30YrCancerDerived	*	3.44E-09	INHALATION
297 ALL	487348.4	3673684.53	0.000221263	50000	Formaldehyde	2.26E-09	30YrCancerDerived	*	2.26E-09	INHALATION
298 ALL	487369.24	3673684.53	0.000231787	50000	Formaldehyde	2.36E-09	30YrCancerDerived	*	2.36E-09	INHALATION
299 ALL	487390.08	3673684.53	0.000248733	50000	Formaldehyde	2.54E-09	30YrCancerDerived	*	2.54E-09	INHALATION

300 ALL	487410.92	3673684.53	0.00025685	50000	Formaldehyde	2.62E-09	30YrCancerDerived	*	2.62E-09	INHALATION
301 ALL	487431.76	3673684.53	0.000249745	50000	Formaldehyde	2.55E-09	30YrCancerDerived	*	2.55E-09	INHALATION
302 ALL	487452.6	3673684.53	0.000246355	50000	Formaldehyde	2.51E-09	30YrCancerDerived	*	2.51E-09	INHALATION
303 ALL	487473.44	3673684.53	0.000264998	50000	Formaldehyde	2.70E-09	30YrCancerDerived	*	2.70E-09	INHALATION
304 ALL	487494.28	3673684.53	0.000300383	50000	Formaldehyde	3.06E-09	30YrCancerDerived	*	3.06E-09	INHALATION
305 ALL	487515.12	3673684.53	0.000315198	50000	Formaldehyde	3.21E-09	30YrCancerDerived	*	3.21E-09	INHALATION
306 ALL	487390.08	3673704.41	0.000246899	50000	Formaldehyde	2.52E-09	30YrCancerDerived	*	2.52E-09	INHALATION
307 ALL	487410.92	3673704.41	0.000250838	50000	Formaldehyde	2.56E-09	30YrCancerDerived	*	2.56E-09	INHALATION
308 ALL	487431.76	3673704.41	0.000245867	50000	Formaldehyde	2.51E-09	30YrCancerDerived	*	2.51E-09	INHALATION
309 ALL	487452.6	3673704.41	0.000250669	50000	Formaldehyde	2.55E-09	30YrCancerDerived	*	2.55E-09	INHALATION
310 ALL	487473.44	3673704.41	0.000274237	50000	Formaldehyde	2.79E-09	30YrCancerDerived	*	2.79E-09	INHALATION
311 ALL	487494.28	3673704.41	0.00029613	50000	Formaldehyde	3.02E-09	30YrCancerDerived	*	3.02E-09	INHALATION
312 ALL	487390.08	3673724.29	0.000243542	50000	Formaldehyde	2.48E-09	30YrCancerDerived	*	2.48E-09	INHALATION
313 ALL	487410.92	3673724.29	0.000246969	50000	Formaldehyde	2.52E-09	30YrCancerDerived	*	2.52E-09	INHALATION
314 ALL	487431.76	3673724.29	0.00024676	50000	Formaldehyde	2.51E-09	30YrCancerDerived	*	2.51E-09	INHALATION
315 ALL	487452.6	3673724.29	0.000255497	50000	Formaldehyde	2.60E-09	30YrCancerDerived	*	2.60E-09	INHALATION
316 ALL	487473.44	3673724.29	0.000276635	50000	Formaldehyde	2.82E-09	30YrCancerDerived	*	2.82E-09	INHALATION
317 ALL	487410.92	3673744.17	0.000246294	50000	Formaldehyde	2.51E-09	30YrCancerDerived	*	2.51E-09	INHALATION
318 ALL	487431.76	3673744.17	0.000250023	50000	Formaldehyde	2.55E-09	30YrCancerDerived	*	2.55E-09	INHALATION
319 ALL	487452.6	3673744.17	0.000259924	50000	Formaldehyde	2.65E-09	30YrCancerDerived	*	2.65E-09	INHALATION
320 ALL	487473.44	3673744.17	0.000272376	50000	Formaldehyde	2.78E-09	30YrCancerDerived	*	2.78E-09	INHALATION
321 ALL	487410.92	3673764.05	0.000246701	50000	Formaldehyde	2.51E-09	30YrCancerDerived	*	2.51E-09	INHALATION
322 ALL	487431.76	3673764.05	0.000251083	50000	Formaldehyde	2.56E-09	30YrCancerDerived	*	2.56E-09	INHALATION
323 ALL	487452.6	3673764.05	0.000262337	50000	Formaldehyde	2.67E-09	30YrCancerDerived	*	2.67E-09	INHALATION
324 ALL	487431.76	3673783.93	0.000251506	50000	Formaldehyde	2.56E-09	30YrCancerDerived	*	2.56E-09	INHALATION
325 ALL	487452.6	3673783.93	0.000261954	50000	Formaldehyde	2.67E-09	30YrCancerDerived	*	2.67E-09	INHALATION
326 ALL	487014.96	3674221.29	0.000202888	50000	Formaldehyde	2.07E-09	30YrCancerDerived	*	2.07E-09	INHALATION
327 ALL	487035.8	3674221.29	0.000205209	50000	Formaldehyde	2.09E-09	30YrCancerDerived	*	2.09E-09	INHALATION
328 ALL	487056.64	3674221.29	0.000208488	50000	Formaldehyde	2.12E-09	30YrCancerDerived	*	2.12E-09	INHALATION
329 ALL	487077.48	3674221.29	0.000211525	50000	Formaldehyde	2.16E-09	30YrCancerDerived	*	2.16E-09	INHALATION
330 ALL	487098.32	3674221.29	0.000214797	50000	Formaldehyde	2.19E-09	30YrCancerDerived	*	2.19E-09	INHALATION
331 ALL	487119.16	3674221.29	0.000219726	50000	Formaldehyde	2.24E-09	30YrCancerDerived	*	2.24E-09	INHALATION
332 ALL	487140	3674221.29	0.000226715	50000	Formaldehyde	2.31E-09	30YrCancerDerived	*	2.31E-09	INHALATION
333 ALL	487160.84	3674221.29	0.0002339	50000	Formaldehyde	2.38E-09	30YrCancerDerived	*	2.38E-09	INHALATION
334 ALL	487181.68	3674221.29	0.000241574	50000	Formaldehyde	2.46E-09	30YrCancerDerived	*	2.46E-09	INHALATION

335 ALL	486973.28	3674241.17	0.000199232	50000	Formaldehyde	2.03E-09	30YrCancerDerived	*	2.03E-09	INHALATION
336 ALL	486994.12	3674241.17	0.000198531	50000	Formaldehyde	2.02E-09	30YrCancerDerived	*	2.02E-09	INHALATION
337 ALL	487014.96	3674241.17	0.000201894	50000	Formaldehyde	2.06E-09	30YrCancerDerived	*	2.06E-09	INHALATION
338 ALL	487035.8	3674241.17	0.000206329	50000	Formaldehyde	2.10E-09	30YrCancerDerived	*	2.10E-09	INHALATION
339 ALL	487056.64	3674241.17	0.000210342	50000	Formaldehyde	2.14E-09	30YrCancerDerived	*	2.14E-09	INHALATION
340 ALL	487077.48	3674241.17	0.00021305	50000	Formaldehyde	2.17E-09	30YrCancerDerived	*	2.17E-09	INHALATION
341 ALL	487098.32	3674241.17	0.000217065	50000	Formaldehyde	2.21E-09	30YrCancerDerived	*	2.21E-09	INHALATION
342 ALL	487119.16	3674241.17	0.000223217	50000	Formaldehyde	2.27E-09	30YrCancerDerived	*	2.27E-09	INHALATION
343 ALL	487140	3674241.17	0.000231688	50000	Formaldehyde	2.36E-09	30YrCancerDerived	*	2.36E-09	INHALATION
344 ALL	487160.84	3674241.17	0.000240189	50000	Formaldehyde	2.45E-09	30YrCancerDerived	*	2.45E-09	INHALATION
345 ALL	487181.68	3674241.17	0.000250397	50000	Formaldehyde	2.55E-09	30YrCancerDerived	*	2.55E-09	INHALATION
346 ALL	486952.44	3674261.05	0.000198854	50000	Formaldehyde	2.03E-09	30YrCancerDerived	*	2.03E-09	INHALATION
347 ALL	486973.28	3674261.05	0.000196581	50000	Formaldehyde	0.000000002	30YrCancerDerived	*	0.000000002	INHALATION
348 ALL	486994.12	3674261.05	0.000197476	50000	Formaldehyde	2.01E-09	30YrCancerDerived	*	2.01E-09	INHALATION
349 ALL	487014.96	3674261.05	0.000201575	50000	Formaldehyde	2.05E-09	30YrCancerDerived	*	2.05E-09	INHALATION
350 ALL	487035.8	3674261.05	0.000206281	50000	Formaldehyde	2.10E-09	30YrCancerDerived	*	2.10E-09	INHALATION
351 ALL	487056.64	3674261.05	0.000210169	50000	Formaldehyde	2.14E-09	30YrCancerDerived	*	2.14E-09	INHALATION
352 ALL	487077.48	3674261.05	0.000213778	50000	Formaldehyde	2.18E-09	30YrCancerDerived	*	2.18E-09	INHALATION
353 ALL	487098.32	3674261.05	0.000218868	50000	Formaldehyde	2.23E-09	30YrCancerDerived	*	2.23E-09	INHALATION
354 ALL	487119.16	3674261.05	0.000226128	50000	Formaldehyde	2.30E-09	30YrCancerDerived	*	2.30E-09	INHALATION
355 ALL	487140	3674261.05	0.000234857	50000	Formaldehyde	2.39E-09	30YrCancerDerived	*	2.39E-09	INHALATION
356 ALL	487160.84	3674261.05	0.000244294	50000	Formaldehyde	2.49E-09	30YrCancerDerived	*	2.49E-09	INHALATION
357 ALL	487181.68	3674261.05	0.000257056	50000	Formaldehyde	2.62E-09	30YrCancerDerived	*	2.62E-09	INHALATION
358 ALL	486931.6	3674280.93	0.000202893	50000	Formaldehyde	2.07E-09	30YrCancerDerived	*	2.07E-09	INHALATION
359 ALL	486952.44	3674280.93	0.000197414	50000	Formaldehyde	2.01E-09	30YrCancerDerived	*	2.01E-09	INHALATION
360 ALL	486973.28	3674280.93	0.000195596	50000	Formaldehyde	1.99E-09	30YrCancerDerived	*	1.99E-09	INHALATION
361 ALL	486994.12	3674280.93	0.00019776	50000	Formaldehyde	2.02E-09	30YrCancerDerived	*	2.02E-09	INHALATION
362 ALL	487014.96	3674280.93	0.000202099	50000	Formaldehyde	2.06E-09	30YrCancerDerived	*	2.06E-09	INHALATION
363 ALL	487035.8	3674280.93	0.000206799	50000	Formaldehyde	2.11E-09	30YrCancerDerived	*	2.11E-09	INHALATION
364 ALL	487056.64	3674280.93	0.000210374	50000	Formaldehyde	2.14E-09	30YrCancerDerived	*	2.14E-09	INHALATION
365 ALL	487077.48	3674280.93	0.000214127	50000	Formaldehyde	2.18E-09	30YrCancerDerived	*	2.18E-09	INHALATION
366 ALL	487098.32	3674280.93	0.000222276	50000	Formaldehyde	2.27E-09	30YrCancerDerived	*	2.27E-09	INHALATION
367 ALL	487119.16	3674280.93	0.000230996	50000	Formaldehyde	2.35E-09	30YrCancerDerived	*	2.35E-09	INHALATION
368 ALL	487140	3674280.93	0.000238676	50000	Formaldehyde	2.43E-09	30YrCancerDerived	*	2.43E-09	INHALATION
369 ALL	487160.84	3674280.93	0.00024854	50000	Formaldehyde	2.53E-09	30YrCancerDerived	*	2.53E-09	INHALATION

370 ALL	487181.68	3674280.93	0.000264247	50000	Formaldehyde	2.69E-09	30YrCancerDerived	*	2.69E-09	INHALATION
371 ALL	486889.92	3674300.81	0.000227443	50000	Formaldehyde	2.32E-09	30YrCancerDerived	*	2.32E-09	INHALATION
372 ALL	486910.76	3674300.81	0.000212949	50000	Formaldehyde	2.17E-09	30YrCancerDerived	*	2.17E-09	INHALATION
373 ALL	486931.6	3674300.81	0.000200805	50000	Formaldehyde	2.05E-09	30YrCancerDerived	*	2.05E-09	INHALATION
374 ALL	486952.44	3674300.81	0.000197661	50000	Formaldehyde	2.01E-09	30YrCancerDerived	*	2.01E-09	INHALATION
375 ALL	486973.28	3674300.81	0.00019685	50000	Formaldehyde	2.01E-09	30YrCancerDerived	*	2.01E-09	INHALATION
376 ALL	486994.12	3674300.81	0.000199606	50000	Formaldehyde	2.03E-09	30YrCancerDerived	*	2.03E-09	INHALATION
377 ALL	487014.96	3674300.81	0.000203731	50000	Formaldehyde	2.08E-09	30YrCancerDerived	*	2.08E-09	INHALATION
378 ALL	487035.8	3674300.81	0.000207856	50000	Formaldehyde	2.12E-09	30YrCancerDerived	*	2.12E-09	INHALATION
379 ALL	487056.64	3674300.81	0.000211443	50000	Formaldehyde	2.15E-09	30YrCancerDerived	*	2.15E-09	INHALATION
380 ALL	487077.48	3674300.81	0.000216644	50000	Formaldehyde	2.21E-09	30YrCancerDerived	*	2.21E-09	INHALATION
381 ALL	487098.32	3674300.81	0.000227373	50000	Formaldehyde	2.32E-09	30YrCancerDerived	*	2.32E-09	INHALATION
382 ALL	487119.16	3674300.81	0.000237205	50000	Formaldehyde	2.42E-09	30YrCancerDerived	*	2.42E-09	INHALATION
383 ALL	487140	3674300.81	0.000245239	50000	Formaldehyde	2.50E-09	30YrCancerDerived	*	2.50E-09	INHALATION
384 ALL	487160.84	3674300.81	0.000255518	50000	Formaldehyde	2.60E-09	30YrCancerDerived	*	2.60E-09	INHALATION
385 ALL	487181.68	3674300.81	0.00027251	50000	Formaldehyde	2.78E-09	30YrCancerDerived	*	2.78E-09	INHALATION
386 ALL	486869.08	3674320.69	0.000253216	50000	Formaldehyde	2.58E-09	30YrCancerDerived	*	2.58E-09	INHALATION
387 ALL	486889.92	3674320.69	0.000231322	50000	Formaldehyde	2.36E-09	30YrCancerDerived	*	2.36E-09	INHALATION
388 ALL	486910.76	3674320.69	0.0002138	50000	Formaldehyde	2.18E-09	30YrCancerDerived	*	2.18E-09	INHALATION
389 ALL	486931.6	3674320.69	0.000201767	50000	Formaldehyde	2.06E-09	30YrCancerDerived	*	2.06E-09	INHALATION
390 ALL	486952.44	3674320.69	0.000199553	50000	Formaldehyde	2.03E-09	30YrCancerDerived	*	2.03E-09	INHALATION
391 ALL	486973.28	3674320.69	0.0001997	50000	Formaldehyde	2.04E-09	30YrCancerDerived	*	2.04E-09	INHALATION
392 ALL	486994.12	3674320.69	0.000202337	50000	Formaldehyde	2.06E-09	30YrCancerDerived	*	2.06E-09	INHALATION
393 ALL	487014.96	3674320.69	0.000207581	50000	Formaldehyde	2.12E-09	30YrCancerDerived	*	2.12E-09	INHALATION
394 ALL	487035.8	3674320.69	0.000211935	50000	Formaldehyde	2.16E-09	30YrCancerDerived	*	2.16E-09	INHALATION
395 ALL	487056.64	3674320.69	0.000214818	50000	Formaldehyde	2.19E-09	30YrCancerDerived	*	2.19E-09	INHALATION
396 ALL	487077.48	3674320.69	0.000221963	50000	Formaldehyde	2.26E-09	30YrCancerDerived	*	2.26E-09	INHALATION
397 ALL	487098.32	3674320.69	0.000232779	50000	Formaldehyde	2.37E-09	30YrCancerDerived	*	2.37E-09	INHALATION
398 ALL	487119.16	3674320.69	0.000242661	50000	Formaldehyde	2.47E-09	30YrCancerDerived	*	2.47E-09	INHALATION
399 ALL	487140	3674320.69	0.000253186	50000	Formaldehyde	2.58E-09	30YrCancerDerived	*	2.58E-09	INHALATION
400 ALL	487160.84	3674320.69	0.000264535	50000	Formaldehyde	2.70E-09	30YrCancerDerived	*	2.70E-09	INHALATION
401 ALL	487181.68	3674320.69	0.000280534	50000	Formaldehyde	2.86E-09	30YrCancerDerived	*	2.86E-09	INHALATION
402 ALL	486848.24	3674340.57	0.000310742	50000	Formaldehyde	3.17E-09	30YrCancerDerived	*	3.17E-09	INHALATION
403 ALL	486869.08	3674340.57	0.000267564	50000	Formaldehyde	2.73E-09	30YrCancerDerived	*	2.73E-09	INHALATION
404 ALL	486889.92	3674340.57	0.000239807	50000	Formaldehyde	2.44E-09	30YrCancerDerived	*	2.44E-09	INHALATION

405 ALL	486910.76	3674340.57	0.000219922	50000	Formaldehyde	2.24E-09	30YrCancerDerived	*	2.24E-09	INHALATION
406 ALL	486931.6	3674340.57	0.000205779	50000	Formaldehyde	2.10E-09	30YrCancerDerived	*	2.10E-09	INHALATION
407 ALL	486952.44	3674340.57	0.000203132	50000	Formaldehyde	2.07E-09	30YrCancerDerived	*	2.07E-09	INHALATION
408 ALL	486973.28	3674340.57	0.00020475	50000	Formaldehyde	2.09E-09	30YrCancerDerived	*	2.09E-09	INHALATION
409 ALL	486994.12	3674340.57	0.000209049	50000	Formaldehyde	2.13E-09	30YrCancerDerived	*	2.13E-09	INHALATION
410 ALL	487014.96	3674340.57	0.000214119	50000	Formaldehyde	2.18E-09	30YrCancerDerived	*	2.18E-09	INHALATION
411 ALL	487035.8	3674340.57	0.000216825	50000	Formaldehyde	2.21E-09	30YrCancerDerived	*	2.21E-09	INHALATION
412 ALL	487056.64	3674340.57	0.000220185	50000	Formaldehyde	2.24E-09	30YrCancerDerived	*	2.24E-09	INHALATION
413 ALL	487077.48	3674340.57	0.000227315	50000	Formaldehyde	2.32E-09	30YrCancerDerived	*	2.32E-09	INHALATION
414 ALL	487098.32	3674340.57	0.000237784	50000	Formaldehyde	2.42E-09	30YrCancerDerived	*	2.42E-09	INHALATION
415 ALL	487119.16	3674340.57	0.000247551	50000	Formaldehyde	2.52E-09	30YrCancerDerived	*	2.52E-09	INHALATION
416 ALL	487140	3674340.57	0.000259748	50000	Formaldehyde	2.65E-09	30YrCancerDerived	*	2.65E-09	INHALATION
417 ALL	487160.84	3674340.57	0.000274596	50000	Formaldehyde	2.80E-09	30YrCancerDerived	*	2.80E-09	INHALATION
418 ALL	487181.68	3674340.57	0.000292839	50000	Formaldehyde	2.98E-09	30YrCancerDerived	*	2.98E-09	INHALATION
419 ALL	486806.56	3674360.45	0.000420565	50000	Formaldehyde	4.29E-09	30YrCancerDerived	*	4.29E-09	INHALATION
420 ALL	486827.4	3674360.45	0.000360572	50000	Formaldehyde	3.67E-09	30YrCancerDerived	*	3.67E-09	INHALATION
421 ALL	486848.24	3674360.45	0.000315335	50000	Formaldehyde	3.21E-09	30YrCancerDerived	*	3.21E-09	INHALATION
422 ALL	486869.08	3674360.45	0.000280205	50000	Formaldehyde	2.86E-09	30YrCancerDerived	*	2.86E-09	INHALATION
423 ALL	486889.92	3674360.45	0.000251644	50000	Formaldehyde	2.56E-09	30YrCancerDerived	*	2.56E-09	INHALATION
424 ALL	486910.76	3674360.45	0.000230332	50000	Formaldehyde	2.35E-09	30YrCancerDerived	*	2.35E-09	INHALATION
425 ALL	486931.6	3674360.45	0.000216014	50000	Formaldehyde	2.20E-09	30YrCancerDerived	*	2.20E-09	INHALATION
426 ALL	486952.44	3674360.45	0.000210467	50000	Formaldehyde	2.15E-09	30YrCancerDerived	*	2.15E-09	INHALATION
427 ALL	486973.28	3674360.45	0.000212419	50000	Formaldehyde	2.16E-09	30YrCancerDerived	*	2.16E-09	INHALATION
428 ALL	486994.12	3674360.45	0.000216703	50000	Formaldehyde	2.21E-09	30YrCancerDerived	*	2.21E-09	INHALATION
429 ALL	487014.96	3674360.45	0.00022012	50000	Formaldehyde	2.24E-09	30YrCancerDerived	*	2.24E-09	INHALATION
430 ALL	487035.8	3674360.45	0.000222087	50000	Formaldehyde	2.26E-09	30YrCancerDerived	*	2.26E-09	INHALATION
431 ALL	487056.64	3674360.45	0.000225648	50000	Formaldehyde	2.30E-09	30YrCancerDerived	*	2.30E-09	INHALATION
432 ALL	487077.48	3674360.45	0.000232854	50000	Formaldehyde	2.37E-09	30YrCancerDerived	*	2.37E-09	INHALATION
433 ALL	487098.32	3674360.45	0.00024231	50000	Formaldehyde	2.47E-09	30YrCancerDerived	*	2.47E-09	INHALATION
434 ALL	487119.16	3674360.45	0.000251876	50000	Formaldehyde	2.57E-09	30YrCancerDerived	*	2.57E-09	INHALATION
435 ALL	487140	3674360.45	0.000263503	50000	Formaldehyde	2.69E-09	30YrCancerDerived	*	2.69E-09	INHALATION
436 ALL	487160.84	3674360.45	0.000281717	50000	Formaldehyde	2.87E-09	30YrCancerDerived	*	2.87E-09	INHALATION
437 ALL	487181.68	3674360.45	0.000304091	50000	Formaldehyde	3.10E-09	30YrCancerDerived	*	3.10E-09	INHALATION
438 ALL	486785.72	3674380.33	0.000372138	50000	Formaldehyde	3.79E-09	30YrCancerDerived	*	3.79E-09	INHALATION
439 ALL	486806.56	3674380.33	0.000369067	50000	Formaldehyde	3.76E-09	30YrCancerDerived	*	3.76E-09	INHALATION

440 ALL	486827.4	3674380.33	0.000338622	50000	Formaldehyde	3.45E-09	30YrCancerDerived	*	3.45E-09	INHALATION
441 ALL	486848.24	3674380.33	0.000311038	50000	Formaldehyde	3.17E-09	30YrCancerDerived	*	3.17E-09	INHALATION
442 ALL	486869.08	3674380.33	0.000287938	50000	Formaldehyde	2.93E-09	30YrCancerDerived	*	2.93E-09	INHALATION
443 ALL	486889.92	3674380.33	0.000264457	50000	Formaldehyde	2.70E-09	30YrCancerDerived	*	2.70E-09	INHALATION
444 ALL	486910.76	3674380.33	0.00024169	50000	Formaldehyde	2.46E-09	30YrCancerDerived	*	2.46E-09	INHALATION
445 ALL	486931.6	3674380.33	0.000230222	50000	Formaldehyde	2.35E-09	30YrCancerDerived	*	2.35E-09	INHALATION
446 ALL	486952.44	3674380.33	0.000222901	50000	Formaldehyde	2.27E-09	30YrCancerDerived	*	2.27E-09	INHALATION
447 ALL	486973.28	3674380.33	0.000221726	50000	Formaldehyde	2.26E-09	30YrCancerDerived	*	2.26E-09	INHALATION
448 ALL	486994.12	3674380.33	0.000224331	50000	Formaldehyde	2.29E-09	30YrCancerDerived	*	2.29E-09	INHALATION
449 ALL	487014.96	3674380.33	0.000225547	50000	Formaldehyde	2.30E-09	30YrCancerDerived	*	2.30E-09	INHALATION
450 ALL	487035.8	3674380.33	0.000226953	50000	Formaldehyde	2.31E-09	30YrCancerDerived	*	2.31E-09	INHALATION
451 ALL	487056.64	3674380.33	0.000231783	50000	Formaldehyde	2.36E-09	30YrCancerDerived	*	2.36E-09	INHALATION
452 ALL	487077.48	3674380.33	0.000239207	50000	Formaldehyde	2.44E-09	30YrCancerDerived	*	2.44E-09	INHALATION
453 ALL	487098.32	3674380.33	0.000247645	50000	Formaldehyde	2.52E-09	30YrCancerDerived	*	2.52E-09	INHALATION
454 ALL	487119.16	3674380.33	0.000257313	50000	Formaldehyde	2.62E-09	30YrCancerDerived	*	2.62E-09	INHALATION
455 ALL	487140	3674380.33	0.000268577	50000	Formaldehyde	2.74E-09	30YrCancerDerived	*	2.74E-09	INHALATION
456 ALL	487160.84	3674380.33	0.000284559	50000	Formaldehyde	2.90E-09	30YrCancerDerived	*	2.90E-09	INHALATION
457 ALL	487181.68	3674380.33	0.000307488	50000	Formaldehyde	3.13E-09	30YrCancerDerived	*	3.13E-09	INHALATION
458 ALL	486702.36	3674400.21	0.000218482	50000	Formaldehyde	2.23E-09	30YrCancerDerived	*	2.23E-09	INHALATION
459 ALL	486723.2	3674400.21	0.000237331	50000	Formaldehyde	2.42E-09	30YrCancerDerived	*	2.42E-09	INHALATION
460 ALL	486744.04	3674400.21	0.000271816	50000	Formaldehyde	2.77E-09	30YrCancerDerived	*	2.77E-09	INHALATION
461 ALL	486764.88	3674400.21	0.000326696	50000	Formaldehyde	3.33E-09	30YrCancerDerived	*	3.33E-09	INHALATION
462 ALL	486785.72	3674400.21	0.000356435	50000	Formaldehyde	3.63E-09	30YrCancerDerived	*	3.63E-09	INHALATION
463 ALL	486806.56	3674400.21	0.000331039	50000	Formaldehyde	3.37E-09	30YrCancerDerived	*	3.37E-09	INHALATION
464 ALL	486827.4	3674400.21	0.000310739	50000	Formaldehyde	3.17E-09	30YrCancerDerived	*	3.17E-09	INHALATION
465 ALL	486848.24	3674400.21	0.000306086	50000	Formaldehyde	3.12E-09	30YrCancerDerived	*	3.12E-09	INHALATION
466 ALL	486869.08	3674400.21	0.000296504	50000	Formaldehyde	3.02E-09	30YrCancerDerived	*	3.02E-09	INHALATION
467 ALL	486889.92	3674400.21	0.000272714	50000	Formaldehyde	2.78E-09	30YrCancerDerived	*	2.78E-09	INHALATION
468 ALL	486910.76	3674400.21	0.000252321	50000	Formaldehyde	2.57E-09	30YrCancerDerived	*	2.57E-09	INHALATION
469 ALL	486931.6	3674400.21	0.000243721	50000	Formaldehyde	2.48E-09	30YrCancerDerived	*	2.48E-09	INHALATION
470 ALL	486952.44	3674400.21	0.000237734	50000	Formaldehyde	2.42E-09	30YrCancerDerived	*	2.42E-09	INHALATION
471 ALL	486973.28	3674400.21	0.000234001	50000	Formaldehyde	2.38E-09	30YrCancerDerived	*	2.38E-09	INHALATION
472 ALL	486994.12	3674400.21	0.000232894	50000	Formaldehyde	2.37E-09	30YrCancerDerived	*	2.37E-09	INHALATION
473 ALL	487014.96	3674400.21	0.000231316	50000	Formaldehyde	2.36E-09	30YrCancerDerived	*	2.36E-09	INHALATION
474 ALL	487035.8	3674400.21	0.000233106	50000	Formaldehyde	2.38E-09	30YrCancerDerived	*	2.38E-09	INHALATION

475 ALL	487056.64	3674400.21	0.000238216	50000	Formaldehyde	2.43E-09	30YrCancerDerived	*	2.43E-09	INHALATION
476 ALL	487077.48	3674400.21	0.000245104	50000	Formaldehyde	2.50E-09	30YrCancerDerived	*	2.50E-09	INHALATION
477 ALL	487098.32	3674400.21	0.000253927	50000	Formaldehyde	2.59E-09	30YrCancerDerived	*	2.59E-09	INHALATION
478 ALL	487119.16	3674400.21	0.000264183	50000	Formaldehyde	2.69E-09	30YrCancerDerived	*	2.69E-09	INHALATION
479 ALL	487140	3674400.21	0.000276589	50000	Formaldehyde	2.82E-09	30YrCancerDerived	*	2.82E-09	INHALATION
480 ALL	487160.84	3674400.21	0.000292395	50000	Formaldehyde	2.98E-09	30YrCancerDerived	*	2.98E-09	INHALATION
481 ALL	487181.68	3674400.21	0.000312956	50000	Formaldehyde	3.19E-09	30YrCancerDerived	*	3.19E-09	INHALATION
482 ALL	486619	3674420.09	0.000170921	50000	Formaldehyde	1.74E-09	30YrCancerDerived	*	1.74E-09	INHALATION
483 ALL	486639.84	3674420.09	0.000181449	50000	Formaldehyde	1.85E-09	30YrCancerDerived	*	1.85E-09	INHALATION
484 ALL	486660.68	3674420.09	0.000192754	50000	Formaldehyde	1.96E-09	30YrCancerDerived	*	1.96E-09	INHALATION
485 ALL	486681.52	3674420.09	0.000205747	50000	Formaldehyde	2.10E-09	30YrCancerDerived	*	2.10E-09	INHALATION
486 ALL	486702.36	3674420.09	0.000223794	50000	Formaldehyde	2.28E-09	30YrCancerDerived	*	2.28E-09	INHALATION
487 ALL	486723.2	3674420.09	0.000244949	50000	Formaldehyde	2.50E-09	30YrCancerDerived	*	2.50E-09	INHALATION
488 ALL	486744.04	3674420.09	0.000278454	50000	Formaldehyde	2.84E-09	30YrCancerDerived	*	2.84E-09	INHALATION
489 ALL	486764.88	3674420.09	0.00032965	50000	Formaldehyde	3.36E-09	30YrCancerDerived	*	3.36E-09	INHALATION
490 ALL	486785.72	3674420.09	0.000351702	50000	Formaldehyde	3.58E-09	30YrCancerDerived	*	3.58E-09	INHALATION
491 ALL	486806.56	3674420.09	0.000320012	50000	Formaldehyde	3.26E-09	30YrCancerDerived	*	3.26E-09	INHALATION
492 ALL	486827.4	3674420.09	0.000289293	50000	Formaldehyde	2.95E-09	30YrCancerDerived	*	2.95E-09	INHALATION
493 ALL	486848.24	3674420.09	0.000286484	50000	Formaldehyde	2.92E-09	30YrCancerDerived	*	2.92E-09	INHALATION
494 ALL	486869.08	3674420.09	0.000293062	50000	Formaldehyde	2.99E-09	30YrCancerDerived	*	2.99E-09	INHALATION
495 ALL	486889.92	3674420.09	0.000280302	50000	Formaldehyde	2.86E-09	30YrCancerDerived	*	2.86E-09	INHALATION
496 ALL	486910.76	3674420.09	0.000261497	50000	Formaldehyde	2.67E-09	30YrCancerDerived	*	2.67E-09	INHALATION
497 ALL	486931.6	3674420.09	0.00025432	50000	Formaldehyde	2.59E-09	30YrCancerDerived	*	2.59E-09	INHALATION
498 ALL	486952.44	3674420.09	0.000250517	50000	Formaldehyde	2.55E-09	30YrCancerDerived	*	2.55E-09	INHALATION
499 ALL	486973.28	3674420.09	0.000246598	50000	Formaldehyde	2.51E-09	30YrCancerDerived	*	2.51E-09	INHALATION
500 ALL	486994.12	3674420.09	0.00024052	50000	Formaldehyde	2.45E-09	30YrCancerDerived	*	2.45E-09	INHALATION
501 ALL	487014.96	3674420.09	0.000240459	50000	Formaldehyde	2.45E-09	30YrCancerDerived	*	2.45E-09	INHALATION
502 ALL	487035.8	3674420.09	0.000241561	50000	Formaldehyde	2.46E-09	30YrCancerDerived	*	2.46E-09	INHALATION
503 ALL	487056.64	3674420.09	0.000246431	50000	Formaldehyde	2.51E-09	30YrCancerDerived	*	2.51E-09	INHALATION
504 ALL	487077.48	3674420.09	0.000251307	50000	Formaldehyde	2.56E-09	30YrCancerDerived	*	2.56E-09	INHALATION
505 ALL	487098.32	3674420.09	0.000259803	50000	Formaldehyde	2.65E-09	30YrCancerDerived	*	2.65E-09	INHALATION
506 ALL	487119.16	3674420.09	0.000271327	50000	Formaldehyde	2.77E-09	30YrCancerDerived	*	2.77E-09	INHALATION
507 ALL	487140	3674420.09	0.000285791	50000	Formaldehyde	2.91E-09	30YrCancerDerived	*	2.91E-09	INHALATION
508 ALL	487160.84	3674420.09	0.000305303	50000	Formaldehyde	3.11E-09	30YrCancerDerived	*	3.11E-09	INHALATION
509 ALL	487181.68	3674420.09	0.000325395	50000	Formaldehyde	3.32E-09	30YrCancerDerived	*	3.32E-09	INHALATION

510 ALL	486577.32	3674439.97	0.000159624	50000	Formaldehyde	1.63E-09	30YrCancerDerived	*	1.63E-09	INHALATION
511 ALL	486598.16	3674439.97	0.000166003	50000	Formaldehyde	1.69E-09	30YrCancerDerived	*	1.69E-09	INHALATION
512 ALL	486619	3674439.97	0.000174511	50000	Formaldehyde	1.78E-09	30YrCancerDerived	*	1.78E-09	INHALATION
513 ALL	486639.84	3674439.97	0.000186527	50000	Formaldehyde	1.90E-09	30YrCancerDerived	*	1.90E-09	INHALATION
514 ALL	486660.68	3674439.97	0.000199563	50000	Formaldehyde	2.03E-09	30YrCancerDerived	*	2.03E-09	INHALATION
515 ALL	486681.52	3674439.97	0.000217453	50000	Formaldehyde	2.22E-09	30YrCancerDerived	*	2.22E-09	INHALATION
516 ALL	486702.36	3674439.97	0.000231205	50000	Formaldehyde	2.36E-09	30YrCancerDerived	*	2.36E-09	INHALATION
517 ALL	486723.2	3674439.97	0.000255188	50000	Formaldehyde	2.60E-09	30YrCancerDerived	*	2.60E-09	INHALATION
518 ALL	486744.04	3674439.97	0.000287729	50000	Formaldehyde	2.93E-09	30YrCancerDerived	*	2.93E-09	INHALATION
519 ALL	486764.88	3674439.97	0.00032426	50000	Formaldehyde	3.30E-09	30YrCancerDerived	*	3.30E-09	INHALATION
520 ALL	486785.72	3674439.97	0.000339222	50000	Formaldehyde	3.46E-09	30YrCancerDerived	*	3.46E-09	INHALATION
521 ALL	486806.56	3674439.97	0.000310028	50000	Formaldehyde	3.16E-09	30YrCancerDerived	*	3.16E-09	INHALATION
522 ALL	486827.4	3674439.97	0.000276689	50000	Formaldehyde	2.82E-09	30YrCancerDerived	*	2.82E-09	INHALATION
523 ALL	486848.24	3674439.97	0.000263135	50000	Formaldehyde	2.68E-09	30YrCancerDerived	*	2.68E-09	INHALATION
524 ALL	486869.08	3674439.97	0.000267927	50000	Formaldehyde	2.73E-09	30YrCancerDerived	*	2.73E-09	INHALATION
525 ALL	486889.92	3674439.97	0.000275288	50000	Formaldehyde	2.81E-09	30YrCancerDerived	*	2.81E-09	INHALATION
526 ALL	486910.76	3674439.97	0.000267591	50000	Formaldehyde	2.73E-09	30YrCancerDerived	*	2.73E-09	INHALATION
527 ALL	486931.6	3674439.97	0.000262296	50000	Formaldehyde	2.67E-09	30YrCancerDerived	*	2.67E-09	INHALATION
528 ALL	486952.44	3674439.97	0.000260359	50000	Formaldehyde	2.65E-09	30YrCancerDerived	*	2.65E-09	INHALATION
529 ALL	486973.28	3674439.97	0.000256568	50000	Formaldehyde	2.61E-09	30YrCancerDerived	*	2.61E-09	INHALATION
530 ALL	486994.12	3674439.97	0.000250434	50000	Formaldehyde	2.55E-09	30YrCancerDerived	*	2.55E-09	INHALATION
531 ALL	487014.96	3674439.97	0.000248199	50000	Formaldehyde	2.53E-09	30YrCancerDerived	*	2.53E-09	INHALATION
532 ALL	487035.8	3674439.97	0.000249598	50000	Formaldehyde	2.54E-09	30YrCancerDerived	*	2.54E-09	INHALATION
533 ALL	487056.64	3674439.97	0.000251778	50000	Formaldehyde	2.57E-09	30YrCancerDerived	*	2.57E-09	INHALATION
534 ALL	487077.48	3674439.97	0.000256673	50000	Formaldehyde	2.62E-09	30YrCancerDerived	*	2.62E-09	INHALATION
535 ALL	487098.32	3674439.97	0.000265115	50000	Formaldehyde	2.70E-09	30YrCancerDerived	*	2.70E-09	INHALATION
536 ALL	487119.16	3674439.97	0.000277356	50000	Formaldehyde	2.83E-09	30YrCancerDerived	*	2.83E-09	INHALATION
537 ALL	487140	3674439.97	0.000292675	50000	Formaldehyde	2.98E-09	30YrCancerDerived	*	2.98E-09	INHALATION
538 ALL	487160.84	3674439.97	0.000312231	50000	Formaldehyde	3.18E-09	30YrCancerDerived	*	3.18E-09	INHALATION
539 ALL	487181.68	3674439.97	0.000334749	50000	Formaldehyde	3.41E-09	30YrCancerDerived	*	3.41E-09	INHALATION
540 ALL	486556.48	3674459.85	0.00015562	50000	Formaldehyde	1.59E-09	30YrCancerDerived	*	1.59E-09	INHALATION
541 ALL	486577.32	3674459.85	0.000159618	50000	Formaldehyde	1.63E-09	30YrCancerDerived	*	1.63E-09	INHALATION
542 ALL	486598.16	3674459.85	0.00016454	50000	Formaldehyde	1.68E-09	30YrCancerDerived	*	1.68E-09	INHALATION
543 ALL	486619	3674459.85	0.000171053	50000	Formaldehyde	1.74E-09	30YrCancerDerived	*	1.74E-09	INHALATION
544 ALL	486639.84	3674459.85	0.000183009	50000	Formaldehyde	1.87E-09	30YrCancerDerived	*	1.87E-09	INHALATION

545 ALL	486660.68	3674459.85	0.000197769	50000 Formaldehyde	2.02E-09 30YrCancerDerived	*	2.02E-09 INHALATION
546 ALL	486681.52	3674459.85	0.000210683	50000 Formaldehyde	2.15E-09 30YrCancerDerived	*	2.15E-09 INHALATION
547 ALL	486702.36	3674459.85	0.000223217	50000 Formaldehyde	2.27E-09 30YrCancerDerived	*	2.27E-09 INHALATION
548 ALL	486723.2	3674459.85	0.000242166	50000 Formaldehyde	2.47E-09 30YrCancerDerived	*	2.47E-09 INHALATION
549 ALL	486744.04	3674459.85	0.000265584	50000 Formaldehyde	2.71E-09 30YrCancerDerived	*	2.71E-09 INHALATION
550 ALL	486764.88	3674459.85	0.000288511	50000 Formaldehyde	2.94E-09 30YrCancerDerived	*	2.94E-09 INHALATION
551 ALL	486785.72	3674459.85	0.000306479	50000 Formaldehyde	3.12E-09 30YrCancerDerived	*	3.12E-09 INHALATION
552 ALL	486806.56	3674459.85	0.000296756	50000 Formaldehyde	3.02E-09 30YrCancerDerived	*	3.02E-09 INHALATION
553 ALL	486827.4	3674459.85	0.000268013	50000 Formaldehyde	2.73E-09 30YrCancerDerived	*	2.73E-09 INHALATION
554 ALL	486848.24	3674459.85	0.000247257	50000 Formaldehyde	2.52E-09 30YrCancerDerived	*	2.52E-09 INHALATION
555 ALL	486869.08	3674459.85	0.000248856	50000 Formaldehyde	2.54E-09 30YrCancerDerived	*	2.54E-09 INHALATION
556 ALL	486889.92	3674459.85	0.000257794	50000 Formaldehyde	2.63E-09 30YrCancerDerived	*	2.63E-09 INHALATION
557 ALL	486910.76	3674459.85	0.000256089	50000 Formaldehyde	2.61E-09 30YrCancerDerived	*	2.61E-09 INHALATION
558 ALL	486931.6	3674459.85	0.000256121	50000 Formaldehyde	2.61E-09 30YrCancerDerived	*	2.61E-09 INHALATION
559 ALL	486952.44	3674459.85	0.000261963	50000 Formaldehyde	2.67E-09 30YrCancerDerived	*	2.67E-09 INHALATION
560 ALL	486973.28	3674459.85	0.000261504	50000 Formaldehyde	2.67E-09 30YrCancerDerived	*	2.67E-09 INHALATION
561 ALL	486994.12	3674459.85	0.000256714	50000 Formaldehyde	2.62E-09 30YrCancerDerived	*	2.62E-09 INHALATION
562 ALL	487014.96	3674459.85	0.00025183	50000 Formaldehyde	2.57E-09 30YrCancerDerived	*	2.57E-09 INHALATION
563 ALL	487035.8	3674459.85	0.000252297	50000 Formaldehyde	2.57E-09 30YrCancerDerived	*	2.57E-09 INHALATION
564 ALL	487056.64	3674459.85	0.000257154	50000 Formaldehyde	2.62E-09 30YrCancerDerived	*	2.62E-09 INHALATION
565 ALL	487077.48	3674459.85	0.000262866	50000 Formaldehyde	2.68E-09 30YrCancerDerived	*	2.68E-09 INHALATION
566 ALL	487098.32	3674459.85	0.000270861	50000 Formaldehyde	2.76E-09 30YrCancerDerived	*	2.76E-09 INHALATION
567 ALL	487119.16	3674459.85	0.000282741	50000 Formaldehyde	2.88E-09 30YrCancerDerived	*	2.88E-09 INHALATION
568 ALL	487140	3674459.85	0.000296926	50000 Formaldehyde	3.03E-09 30YrCancerDerived	*	3.03E-09 INHALATION
569 ALL	487160.84	3674459.85	0.00031334	50000 Formaldehyde	3.19E-09 30YrCancerDerived	*	3.19E-09 INHALATION
570 ALL	487181.68	3674459.85	0.000336175	50000 Formaldehyde	3.43E-09 30YrCancerDerived	*	3.43E-09 INHALATION
571 ALL	486535.64	3674479.73	0.000153434	50000 Formaldehyde	1.56E-09 30YrCancerDerived	*	1.56E-09 INHALATION
572 ALL	486556.48	3674479.73	0.000156475	50000 Formaldehyde	1.59E-09 30YrCancerDerived	*	1.59E-09 INHALATION
573 ALL	486577.32	3674479.73	0.000159955	50000 Formaldehyde	1.63E-09 30YrCancerDerived	*	1.63E-09 INHALATION
574 ALL	486598.16	3674479.73	0.000164818	50000 Formaldehyde	1.68E-09 30YrCancerDerived	*	1.68E-09 INHALATION
575 ALL	486619	3674479.73	0.00017005	50000 Formaldehyde	1.73E-09 30YrCancerDerived	*	1.73E-09 INHALATION
576 ALL	486639.84	3674479.73	0.000180763	50000 Formaldehyde	1.84E-09 30YrCancerDerived	*	1.84E-09 INHALATION
577 ALL	486660.68	3674479.73	0.000192801	50000 Formaldehyde	1.97E-09 30YrCancerDerived	*	1.97E-09 INHALATION
578 ALL	486681.52	3674479.73	0.000200955	50000 Formaldehyde	2.05E-09 30YrCancerDerived	*	2.05E-09 INHALATION
579 ALL	486702.36	3674479.73	0.000212275	50000 Formaldehyde	2.16E-09 30YrCancerDerived	*	2.16E-09 INHALATION

580 ALL	486723.2	3674479.73	0.000229422	50000	Formaldehyde	2.34E-09	30YrCancerDerived	*	2.34E-09	INHALATION
581 ALL	486744.04	3674479.73	0.000247523	50000	Formaldehyde	2.52E-09	30YrCancerDerived	*	2.52E-09	INHALATION
582 ALL	486764.88	3674479.73	0.000260078	50000	Formaldehyde	2.65E-09	30YrCancerDerived	*	2.65E-09	INHALATION
583 ALL	486785.72	3674479.73	0.000275768	50000	Formaldehyde	2.81E-09	30YrCancerDerived	*	2.81E-09	INHALATION
584 ALL	486806.56	3674479.73	0.000274464	50000	Formaldehyde	2.80E-09	30YrCancerDerived	*	2.80E-09	INHALATION
585 ALL	486827.4	3674479.73	0.000259185	50000	Formaldehyde	2.64E-09	30YrCancerDerived	*	2.64E-09	INHALATION
586 ALL	486848.24	3674479.73	0.000241201	50000	Formaldehyde	2.46E-09	30YrCancerDerived	*	2.46E-09	INHALATION
587 ALL	486869.08	3674479.73	0.000237679	50000	Formaldehyde	2.42E-09	30YrCancerDerived	*	2.42E-09	INHALATION
588 ALL	486889.92	3674479.73	0.000243117	50000	Formaldehyde	2.48E-09	30YrCancerDerived	*	2.48E-09	INHALATION
589 ALL	486910.76	3674479.73	0.000247961	50000	Formaldehyde	2.53E-09	30YrCancerDerived	*	2.53E-09	INHALATION
590 ALL	486931.6	3674479.73	0.000251625	50000	Formaldehyde	2.56E-09	30YrCancerDerived	*	2.56E-09	INHALATION
591 ALL	486952.44	3674479.73	0.000257798	50000	Formaldehyde	2.63E-09	30YrCancerDerived	*	2.63E-09	INHALATION
592 ALL	486973.28	3674479.73	0.000260942	50000	Formaldehyde	2.66E-09	30YrCancerDerived	*	2.66E-09	INHALATION
593 ALL	486994.12	3674479.73	0.000258212	50000	Formaldehyde	2.63E-09	30YrCancerDerived	*	2.63E-09	INHALATION
594 ALL	487014.96	3674479.73	0.000256059	50000	Formaldehyde	2.61E-09	30YrCancerDerived	*	2.61E-09	INHALATION
595 ALL	487035.8	3674479.73	0.000258159	50000	Formaldehyde	2.63E-09	30YrCancerDerived	*	2.63E-09	INHALATION
596 ALL	487056.64	3674479.73	0.000264004	50000	Formaldehyde	2.69E-09	30YrCancerDerived	*	2.69E-09	INHALATION
597 ALL	487077.48	3674479.73	0.000271006	50000	Formaldehyde	2.76E-09	30YrCancerDerived	*	2.76E-09	INHALATION
598 ALL	487098.32	3674479.73	0.000279444	50000	Formaldehyde	2.85E-09	30YrCancerDerived	*	2.85E-09	INHALATION
599 ALL	487119.16	3674479.73	0.000290601	50000	Formaldehyde	2.96E-09	30YrCancerDerived	*	2.96E-09	INHALATION
600 ALL	487140	3674479.73	0.000303118	50000	Formaldehyde	3.09E-09	30YrCancerDerived	*	3.09E-09	INHALATION
601 ALL	487160.84	3674479.73	0.000319802	50000	Formaldehyde	3.26E-09	30YrCancerDerived	*	3.26E-09	INHALATION
602 ALL	486514.8	3674499.61	0.000152111	50000	Formaldehyde	1.55E-09	30YrCancerDerived	*	1.55E-09	INHALATION
603 ALL	486535.64	3674499.61	0.000155802	50000	Formaldehyde	1.59E-09	30YrCancerDerived	*	1.59E-09	INHALATION
604 ALL	486556.48	3674499.61	0.00015881	50000	Formaldehyde	1.62E-09	30YrCancerDerived	*	1.62E-09	INHALATION
605 ALL	486577.32	3674499.61	0.000162788	50000	Formaldehyde	1.66E-09	30YrCancerDerived	*	1.66E-09	INHALATION
606 ALL	486598.16	3674499.61	0.000167877	50000	Formaldehyde	1.71E-09	30YrCancerDerived	*	1.71E-09	INHALATION
607 ALL	486619	3674499.61	0.000173688	50000	Formaldehyde	1.77E-09	30YrCancerDerived	*	1.77E-09	INHALATION
608 ALL	486639.84	3674499.61	0.000181212	50000	Formaldehyde	1.85E-09	30YrCancerDerived	*	1.85E-09	INHALATION
609 ALL	486660.68	3674499.61	0.000189346	50000	Formaldehyde	1.93E-09	30YrCancerDerived	*	1.93E-09	INHALATION
610 ALL	486681.52	3674499.61	0.000193296	50000	Formaldehyde	1.97E-09	30YrCancerDerived	*	1.97E-09	INHALATION
611 ALL	486702.36	3674499.61	0.000203198	50000	Formaldehyde	2.07E-09	30YrCancerDerived	*	2.07E-09	INHALATION
612 ALL	486723.2	3674499.61	0.000219159	50000	Formaldehyde	2.23E-09	30YrCancerDerived	*	2.23E-09	INHALATION
613 ALL	486744.04	3674499.61	0.000226521	50000	Formaldehyde	2.31E-09	30YrCancerDerived	*	2.31E-09	INHALATION
614 ALL	486764.88	3674499.61	0.000236168	50000	Formaldehyde	2.41E-09	30YrCancerDerived	*	2.41E-09	INHALATION

615 ALL	486785.72	3674499.61	0.000253797	50000 Formaldehyde	2.59E-09 30YrCancerDerived	*	2.59E-09 INHALATION
616 ALL	486806.56	3674499.61	0.00024675	50000 Formaldehyde	2.51E-09 30YrCancerDerived	*	2.51E-09 INHALATION
617 ALL	486827.4	3674499.61	0.00023905	50000 Formaldehyde	2.44E-09 30YrCancerDerived	*	2.44E-09 INHALATION
618 ALL	486848.24	3674499.61	0.000233859	50000 Formaldehyde	2.38E-09 30YrCancerDerived	*	2.38E-09 INHALATION
619 ALL	486869.08	3674499.61	0.000231418	50000 Formaldehyde	2.36E-09 30YrCancerDerived	*	2.36E-09 INHALATION
620 ALL	486889.92	3674499.61	0.00023528	50000 Formaldehyde	2.40E-09 30YrCancerDerived	*	2.40E-09 INHALATION
621 ALL	486910.76	3674499.61	0.000243083	50000 Formaldehyde	2.48E-09 30YrCancerDerived	*	2.48E-09 INHALATION
622 ALL	486931.6	3674499.61	0.000247693	50000 Formaldehyde	2.52E-09 30YrCancerDerived	*	2.52E-09 INHALATION
623 ALL	486952.44	3674499.61	0.000252811	50000 Formaldehyde	2.58E-09 30YrCancerDerived	*	2.58E-09 INHALATION
624 ALL	486973.28	3674499.61	0.000259293	50000 Formaldehyde	2.64E-09 30YrCancerDerived	*	2.64E-09 INHALATION
625 ALL	486994.12	3674499.61	0.000262229	50000 Formaldehyde	2.67E-09 30YrCancerDerived	*	2.67E-09 INHALATION
626 ALL	487014.96	3674499.61	0.000261965	50000 Formaldehyde	2.67E-09 30YrCancerDerived	*	2.67E-09 INHALATION
627 ALL	487035.8	3674499.61	0.000264609	50000 Formaldehyde	2.70E-09 30YrCancerDerived	*	2.70E-09 INHALATION
628 ALL	487056.64	3674499.61	0.000271617	50000 Formaldehyde	2.77E-09 30YrCancerDerived	*	2.77E-09 INHALATION
629 ALL	487077.48	3674499.61	0.000280223	50000 Formaldehyde	2.86E-09 30YrCancerDerived	*	2.86E-09 INHALATION
630 ALL	487098.32	3674499.61	0.000289783	50000 Formaldehyde	2.95E-09 30YrCancerDerived	*	2.95E-09 INHALATION
631 ALL	487119.16	3674499.61	0.000300591	50000 Formaldehyde	3.06E-09 30YrCancerDerived	*	3.06E-09 INHALATION
632 ALL	487140	3674499.61	0.000313892	50000 Formaldehyde	3.20E-09 30YrCancerDerived	*	3.20E-09 INHALATION
633 ALL	487160.84	3674499.61	0.000331961	50000 Formaldehyde	3.38E-09 30YrCancerDerived	*	3.38E-09 INHALATION
634 ALL	486514.8	3674519.49	0.000155032	50000 Formaldehyde	1.58E-09 30YrCancerDerived	*	1.58E-09 INHALATION
635 ALL	486535.64	3674519.49	0.000160363	50000 Formaldehyde	1.63E-09 30YrCancerDerived	*	1.63E-09 INHALATION
636 ALL	486556.48	3674519.49	0.000163802	50000 Formaldehyde	1.67E-09 30YrCancerDerived	*	1.67E-09 INHALATION
637 ALL	486577.32	3674519.49	0.000166885	50000 Formaldehyde	1.70E-09 30YrCancerDerived	*	1.70E-09 INHALATION
638 ALL	486598.16	3674519.49	0.000170856	50000 Formaldehyde	1.74E-09 30YrCancerDerived	*	1.74E-09 INHALATION
639 ALL	486619	3674519.49	0.000176904	50000 Formaldehyde	1.80E-09 30YrCancerDerived	*	1.80E-09 INHALATION
640 ALL	486639.84	3674519.49	0.000182268	50000 Formaldehyde	1.86E-09 30YrCancerDerived	*	1.86E-09 INHALATION
641 ALL	486660.68	3674519.49	0.000187887	50000 Formaldehyde	1.91E-09 30YrCancerDerived	*	1.91E-09 INHALATION
642 ALL	486681.52	3674519.49	0.000192547	50000 Formaldehyde	1.96E-09 30YrCancerDerived	*	1.96E-09 INHALATION
643 ALL	486702.36	3674519.49	0.000199139	50000 Formaldehyde	2.03E-09 30YrCancerDerived	*	2.03E-09 INHALATION
644 ALL	486723.2	3674519.49	0.00021061	50000 Formaldehyde	2.15E-09 30YrCancerDerived	*	2.15E-09 INHALATION
645 ALL	486744.04	3674519.49	0.000213688	50000 Formaldehyde	2.18E-09 30YrCancerDerived	*	2.18E-09 INHALATION
646 ALL	486764.88	3674519.49	0.000222313	50000 Formaldehyde	2.27E-09 30YrCancerDerived	*	2.27E-09 INHALATION
647 ALL	486785.72	3674519.49	0.000237975	50000 Formaldehyde	2.43E-09 30YrCancerDerived	*	2.43E-09 INHALATION
648 ALL	486806.56	3674519.49	0.000233983	50000 Formaldehyde	2.38E-09 30YrCancerDerived	*	2.38E-09 INHALATION
649 ALL	486827.4	3674519.49	0.000224049	50000 Formaldehyde	2.28E-09 30YrCancerDerived	*	2.28E-09 INHALATION

650 ALL	486848.24	3674519.49	0.000222068	50000 Formaldehyde	2.26E-09 30YrCancerDerived	*	2.26E-09 INHALATION
651 ALL	486869.08	3674519.49	0.000223756	50000 Formaldehyde	2.28E-09 30YrCancerDerived	*	2.28E-09 INHALATION
652 ALL	486889.92	3674519.49	0.000230079	50000 Formaldehyde	2.34E-09 30YrCancerDerived	*	2.34E-09 INHALATION
653 ALL	486910.76	3674519.49	0.000239513	50000 Formaldehyde	2.44E-09 30YrCancerDerived	*	2.44E-09 INHALATION
654 ALL	486931.6	3674519.49	0.000243571	50000 Formaldehyde	2.48E-09 30YrCancerDerived	*	2.48E-09 INHALATION
655 ALL	486952.44	3674519.49	0.000247762	50000 Formaldehyde	2.53E-09 30YrCancerDerived	*	2.53E-09 INHALATION
656 ALL	486973.28	3674519.49	0.000254554	50000 Formaldehyde	2.59E-09 30YrCancerDerived	*	2.59E-09 INHALATION
657 ALL	486994.12	3674519.49	0.000260835	50000 Formaldehyde	2.66E-09 30YrCancerDerived	*	2.66E-09 INHALATION
658 ALL	487014.96	3674519.49	0.000264696	50000 Formaldehyde	2.70E-09 30YrCancerDerived	*	2.70E-09 INHALATION
659 ALL	487035.8	3674519.49	0.00026993	50000 Formaldehyde	2.75E-09 30YrCancerDerived	*	2.75E-09 INHALATION
660 ALL	487056.64	3674519.49	0.000281046	50000 Formaldehyde	2.86E-09 30YrCancerDerived	*	2.86E-09 INHALATION
661 ALL	486493.96	3674539.37	0.000155725	50000 Formaldehyde	1.59E-09 30YrCancerDerived	*	1.59E-09 INHALATION
662 ALL	486514.8	3674539.37	0.000159112	50000 Formaldehyde	1.62E-09 30YrCancerDerived	*	1.62E-09 INHALATION
663 ALL	486535.64	3674539.37	0.000163285	50000 Formaldehyde	1.66E-09 30YrCancerDerived	*	1.66E-09 INHALATION
664 ALL	486556.48	3674539.37	0.000166281	50000 Formaldehyde	1.69E-09 30YrCancerDerived	*	1.69E-09 INHALATION
665 ALL	486577.32	3674539.37	0.000169457	50000 Formaldehyde	1.73E-09 30YrCancerDerived	*	1.73E-09 INHALATION
666 ALL	486598.16	3674539.37	0.000172708	50000 Formaldehyde	1.76E-09 30YrCancerDerived	*	1.76E-09 INHALATION
667 ALL	486619	3674539.37	0.000177732	50000 Formaldehyde	1.81E-09 30YrCancerDerived	*	1.81E-09 INHALATION
668 ALL	486639.84	3674539.37	0.000183034	50000 Formaldehyde	1.87E-09 30YrCancerDerived	*	1.87E-09 INHALATION
669 ALL	486660.68	3674539.37	0.00018865	50000 Formaldehyde	1.92E-09 30YrCancerDerived	*	1.92E-09 INHALATION
670 ALL	486681.52	3674539.37	0.000193975	50000 Formaldehyde	1.98E-09 30YrCancerDerived	*	1.98E-09 INHALATION
671 ALL	486702.36	3674539.37	0.00020022	50000 Formaldehyde	2.04E-09 30YrCancerDerived	*	2.04E-09 INHALATION
672 ALL	486723.2	3674539.37	0.000205717	50000 Formaldehyde	2.10E-09 30YrCancerDerived	*	2.10E-09 INHALATION
673 ALL	486744.04	3674539.37	0.000206028	50000 Formaldehyde	2.10E-09 30YrCancerDerived	*	2.10E-09 INHALATION
674 ALL	486764.88	3674539.37	0.000212045	50000 Formaldehyde	2.16E-09 30YrCancerDerived	*	2.16E-09 INHALATION
675 ALL	486785.72	3674539.37	0.000226935	50000 Formaldehyde	2.31E-09 30YrCancerDerived	*	2.31E-09 INHALATION
676 ALL	486806.56	3674539.37	0.000227488	50000 Formaldehyde	2.32E-09 30YrCancerDerived	*	2.32E-09 INHALATION
677 ALL	486827.4	3674539.37	0.000219551	50000 Formaldehyde	2.24E-09 30YrCancerDerived	*	2.24E-09 INHALATION
678 ALL	486848.24	3674539.37	0.000217548	50000 Formaldehyde	2.22E-09 30YrCancerDerived	*	2.22E-09 INHALATION
679 ALL	486869.08	3674539.37	0.000220367	50000 Formaldehyde	2.25E-09 30YrCancerDerived	*	2.25E-09 INHALATION
680 ALL	486889.92	3674539.37	0.000228653	50000 Formaldehyde	2.33E-09 30YrCancerDerived	*	2.33E-09 INHALATION
681 ALL	486910.76	3674539.37	0.000237905	50000 Formaldehyde	2.42E-09 30YrCancerDerived	*	2.42E-09 INHALATION
682 ALL	486931.6	3674539.37	0.000243848	50000 Formaldehyde	2.49E-09 30YrCancerDerived	*	2.49E-09 INHALATION
683 ALL	486493.96	3674559.25	0.000154511	50000 Formaldehyde	1.57E-09 30YrCancerDerived	*	1.57E-09 INHALATION
684 ALL	486514.8	3674559.25	0.000158445	50000 Formaldehyde	1.61E-09 30YrCancerDerived	*	1.61E-09 INHALATION

685 ALL	486535.64	3674559.25	0.000164126	50000	Formaldehyde	1.67E-09	30YrCancerDerived	*	1.67E-09	INHALATION
686 ALL	486556.48	3674559.25	0.000167006	50000	Formaldehyde	1.70E-09	30YrCancerDerived	*	1.70E-09	INHALATION
687 ALL	486577.32	3674559.25	0.000168709	50000	Formaldehyde	1.72E-09	30YrCancerDerived	*	1.72E-09	INHALATION
688 ALL	486598.16	3674559.25	0.000172597	50000	Formaldehyde	1.76E-09	30YrCancerDerived	*	1.76E-09	INHALATION
689 ALL	486619	3674559.25	0.00017832	50000	Formaldehyde	1.82E-09	30YrCancerDerived	*	1.82E-09	INHALATION
690 ALL	486639.84	3674559.25	0.000183517	50000	Formaldehyde	1.87E-09	30YrCancerDerived	*	1.87E-09	INHALATION
691 ALL	486660.68	3674559.25	0.000189868	50000	Formaldehyde	1.94E-09	30YrCancerDerived	*	1.94E-09	INHALATION
692 ALL	486681.52	3674559.25	0.000196682	50000	Formaldehyde	0.000000002	30YrCancerDerived	*	0.000000002	INHALATION
693 ALL	486702.36	3674559.25	0.000201875	50000	Formaldehyde	2.06E-09	30YrCancerDerived	*	2.06E-09	INHALATION
694 ALL	486723.2	3674559.25	0.000205063	50000	Formaldehyde	2.09E-09	30YrCancerDerived	*	2.09E-09	INHALATION
695 ALL	486744.04	3674559.25	0.000206164	50000	Formaldehyde	2.10E-09	30YrCancerDerived	*	2.10E-09	INHALATION
696 ALL	486764.88	3674559.25	0.000211421	50000	Formaldehyde	2.15E-09	30YrCancerDerived	*	2.15E-09	INHALATION
697 ALL	486785.72	3674559.25	0.000222333	50000	Formaldehyde	2.27E-09	30YrCancerDerived	*	2.27E-09	INHALATION
698 ALL	486806.56	3674559.25	0.000224173	50000	Formaldehyde	2.28E-09	30YrCancerDerived	*	2.28E-09	INHALATION
699 ALL	486827.4	3674559.25	0.000221193	50000	Formaldehyde	2.25E-09	30YrCancerDerived	*	2.25E-09	INHALATION
700 ALL	486848.24	3674559.25	0.000220228	50000	Formaldehyde	2.24E-09	30YrCancerDerived	*	2.24E-09	INHALATION
701 ALL	486869.08	3674559.25	0.000222925	50000	Formaldehyde	2.27E-09	30YrCancerDerived	*	2.27E-09	INHALATION
702 ALL	486889.92	3674559.25	0.00023027	50000	Formaldehyde	2.35E-09	30YrCancerDerived	*	2.35E-09	INHALATION
703 ALL	486910.76	3674559.25	0.000242528	50000	Formaldehyde	2.47E-09	30YrCancerDerived	*	2.47E-09	INHALATION
704 ALL	486493.96	3674579.13	0.000155455	50000	Formaldehyde	1.58E-09	30YrCancerDerived	*	1.58E-09	INHALATION
705 ALL	486514.8	3674579.13	0.000157566	50000	Formaldehyde	1.61E-09	30YrCancerDerived	*	1.61E-09	INHALATION
706 ALL	486535.64	3674579.13	0.000163421	50000	Formaldehyde	1.67E-09	30YrCancerDerived	*	1.67E-09	INHALATION
707 ALL	486556.48	3674579.13	0.000166999	50000	Formaldehyde	1.70E-09	30YrCancerDerived	*	1.70E-09	INHALATION
708 ALL	486577.32	3674579.13	0.000169793	50000	Formaldehyde	1.73E-09	30YrCancerDerived	*	1.73E-09	INHALATION
709 ALL	486598.16	3674579.13	0.000173752	50000	Formaldehyde	1.77E-09	30YrCancerDerived	*	1.77E-09	INHALATION
710 ALL	486619	3674579.13	0.000179411	50000	Formaldehyde	1.83E-09	30YrCancerDerived	*	1.83E-09	INHALATION
711 ALL	486639.84	3674579.13	0.00018443	50000	Formaldehyde	1.88E-09	30YrCancerDerived	*	1.88E-09	INHALATION
712 ALL	486660.68	3674579.13	0.000190326	50000	Formaldehyde	1.94E-09	30YrCancerDerived	*	1.94E-09	INHALATION
713 ALL	486681.52	3674579.13	0.000196299	50000	Formaldehyde	0.000000002	30YrCancerDerived	*	0.000000002	INHALATION
714 ALL	486702.36	3674579.13	0.000199924	50000	Formaldehyde	2.04E-09	30YrCancerDerived	*	2.04E-09	INHALATION
715 ALL	486723.2	3674579.13	0.000203939	50000	Formaldehyde	2.08E-09	30YrCancerDerived	*	2.08E-09	INHALATION
716 ALL	486744.04	3674579.13	0.000208181	50000	Formaldehyde	2.12E-09	30YrCancerDerived	*	2.12E-09	INHALATION
717 ALL	486764.88	3674579.13	0.000214429	50000	Formaldehyde	2.19E-09	30YrCancerDerived	*	2.19E-09	INHALATION
718 ALL	486785.72	3674579.13	0.000220979	50000	Formaldehyde	2.25E-09	30YrCancerDerived	*	2.25E-09	INHALATION
719 ALL	486806.56	3674579.13	0.000224763	50000	Formaldehyde	2.29E-09	30YrCancerDerived	*	2.29E-09	INHALATION

720 ALL	486827.4	3674579.13	0.000224829	50000	Formaldehyde	2.29E-09	30YrCancerDerived	*	2.29E-09	INHALATION
721 ALL	486848.24	3674579.13	0.00022542	50000	Formaldehyde	2.30E-09	30YrCancerDerived	*	2.30E-09	INHALATION
722 ALL	486869.08	3674579.13	0.000227968	50000	Formaldehyde	2.32E-09	30YrCancerDerived	*	2.32E-09	INHALATION
723 ALL	486889.92	3674579.13	0.000236502	50000	Formaldehyde	2.41E-09	30YrCancerDerived	*	2.41E-09	INHALATION
724 ALL	486473.12	3674599.01	0.000161054	50000	Formaldehyde	1.64E-09	30YrCancerDerived	*	1.64E-09	INHALATION
725 ALL	486493.96	3674599.01	0.000157434	50000	Formaldehyde	1.60E-09	30YrCancerDerived	*	1.60E-09	INHALATION
726 ALL	486514.8	3674599.01	0.000158794	50000	Formaldehyde	1.62E-09	30YrCancerDerived	*	1.62E-09	INHALATION
727 ALL	486535.64	3674599.01	0.000162944	50000	Formaldehyde	1.66E-09	30YrCancerDerived	*	1.66E-09	INHALATION
728 ALL	486556.48	3674599.01	0.00016744	50000	Formaldehyde	1.71E-09	30YrCancerDerived	*	1.71E-09	INHALATION
729 ALL	486577.32	3674599.01	0.000171705	50000	Formaldehyde	1.75E-09	30YrCancerDerived	*	1.75E-09	INHALATION
730 ALL	486598.16	3674599.01	0.000176341	50000	Formaldehyde	1.80E-09	30YrCancerDerived	*	1.80E-09	INHALATION
731 ALL	486619	3674599.01	0.000180898	50000	Formaldehyde	1.84E-09	30YrCancerDerived	*	1.84E-09	INHALATION
732 ALL	486639.84	3674599.01	0.000185937	50000	Formaldehyde	1.90E-09	30YrCancerDerived	*	1.90E-09	INHALATION
733 ALL	486660.68	3674599.01	0.000190341	50000	Formaldehyde	1.94E-09	30YrCancerDerived	*	1.94E-09	INHALATION
734 ALL	486681.52	3674599.01	0.000193992	50000	Formaldehyde	1.98E-09	30YrCancerDerived	*	1.98E-09	INHALATION
735 ALL	486702.36	3674599.01	0.000197364	50000	Formaldehyde	2.01E-09	30YrCancerDerived	*	2.01E-09	INHALATION
736 ALL	486723.2	3674599.01	0.000201505	50000	Formaldehyde	2.05E-09	30YrCancerDerived	*	2.05E-09	INHALATION
737 ALL	486744.04	3674599.01	0.000209759	50000	Formaldehyde	2.14E-09	30YrCancerDerived	*	2.14E-09	INHALATION
738 ALL	486764.88	3674599.01	0.000218127	50000	Formaldehyde	2.22E-09	30YrCancerDerived	*	2.22E-09	INHALATION
739 ALL	486785.72	3674599.01	0.000225194	50000	Formaldehyde	2.30E-09	30YrCancerDerived	*	2.30E-09	INHALATION
740 ALL	486806.56	3674599.01	0.000229329	50000	Formaldehyde	2.34E-09	30YrCancerDerived	*	2.34E-09	INHALATION
741 ALL	486827.4	3674599.01	0.000230545	50000	Formaldehyde	2.35E-09	30YrCancerDerived	*	2.35E-09	INHALATION
742 ALL	486848.24	3674599.01	0.000232462	50000	Formaldehyde	2.37E-09	30YrCancerDerived	*	2.37E-09	INHALATION
743 ALL	486869.08	3674599.01	0.00023662	50000	Formaldehyde	2.41E-09	30YrCancerDerived	*	2.41E-09	INHALATION
744 ALL	486473.12	3674618.89	0.000160709	50000	Formaldehyde	1.64E-09	30YrCancerDerived	*	1.64E-09	INHALATION
745 ALL	486493.96	3674618.89	0.000158326	50000	Formaldehyde	1.61E-09	30YrCancerDerived	*	1.61E-09	INHALATION
746 ALL	486514.8	3674618.89	0.000159648	50000	Formaldehyde	1.63E-09	30YrCancerDerived	*	1.63E-09	INHALATION
747 ALL	486535.64	3674618.89	0.000163923	50000	Formaldehyde	1.67E-09	30YrCancerDerived	*	1.67E-09	INHALATION
748 ALL	486556.48	3674618.89	0.000168907	50000	Formaldehyde	1.72E-09	30YrCancerDerived	*	1.72E-09	INHALATION
749 ALL	486577.32	3674618.89	0.000173128	50000	Formaldehyde	1.76E-09	30YrCancerDerived	*	1.76E-09	INHALATION
750 ALL	486598.16	3674618.89	0.000177626	50000	Formaldehyde	1.81E-09	30YrCancerDerived	*	1.81E-09	INHALATION
751 ALL	486619	3674618.89	0.000182271	50000	Formaldehyde	1.86E-09	30YrCancerDerived	*	1.86E-09	INHALATION
752 ALL	486639.84	3674618.89	0.000185997	50000	Formaldehyde	1.90E-09	30YrCancerDerived	*	1.90E-09	INHALATION
753 ALL	486660.68	3674618.89	0.000189291	50000	Formaldehyde	1.93E-09	30YrCancerDerived	*	1.93E-09	INHALATION
754 ALL	486681.52	3674618.89	0.000191744	50000	Formaldehyde	1.95E-09	30YrCancerDerived	*	1.95E-09	INHALATION

755 ALL	486702.36	3674618.89	0.000193865	50000	Formaldehyde	1.98E-09	30YrCancerDerived	*	1.98E-09	INHALATION
756 ALL	486723.2	3674618.89	0.000197887	50000	Formaldehyde	2.02E-09	30YrCancerDerived	*	2.02E-09	INHALATION
757 ALL	486744.04	3674618.89	0.000205706	50000	Formaldehyde	2.10E-09	30YrCancerDerived	*	2.10E-09	INHALATION
758 ALL	486764.88	3674618.89	0.000217526	50000	Formaldehyde	2.22E-09	30YrCancerDerived	*	2.22E-09	INHALATION
759 ALL	486785.72	3674618.89	0.000230102	50000	Formaldehyde	2.35E-09	30YrCancerDerived	*	2.35E-09	INHALATION
760 ALL	486806.56	3674618.89	0.00023745	50000	Formaldehyde	2.42E-09	30YrCancerDerived	*	2.42E-09	INHALATION
761 ALL	486452.28	3674638.77	0.000162797	50000	Formaldehyde	1.66E-09	30YrCancerDerived	*	1.66E-09	INHALATION
762 ALL	486473.12	3674638.77	0.000159139	50000	Formaldehyde	1.62E-09	30YrCancerDerived	*	1.62E-09	INHALATION
763 ALL	486493.96	3674638.77	0.000158264	50000	Formaldehyde	1.61E-09	30YrCancerDerived	*	1.61E-09	INHALATION
764 ALL	486514.8	3674638.77	0.000160841	50000	Formaldehyde	1.64E-09	30YrCancerDerived	*	1.64E-09	INHALATION
765 ALL	486535.64	3674638.77	0.000164808	50000	Formaldehyde	1.68E-09	30YrCancerDerived	*	1.68E-09	INHALATION
766 ALL	486556.48	3674638.77	0.00016969	50000	Formaldehyde	1.73E-09	30YrCancerDerived	*	1.73E-09	INHALATION
767 ALL	486577.32	3674638.77	0.000174097	50000	Formaldehyde	1.77E-09	30YrCancerDerived	*	1.77E-09	INHALATION
768 ALL	486598.16	3674638.77	0.000178002	50000	Formaldehyde	1.81E-09	30YrCancerDerived	*	1.81E-09	INHALATION
769 ALL	486619	3674638.77	0.000181218	50000	Formaldehyde	1.85E-09	30YrCancerDerived	*	1.85E-09	INHALATION
770 ALL	486639.84	3674638.77	0.000183951	50000	Formaldehyde	1.87E-09	30YrCancerDerived	*	1.87E-09	INHALATION
771 ALL	486660.68	3674638.77	0.000187377	50000	Formaldehyde	1.91E-09	30YrCancerDerived	*	1.91E-09	INHALATION
772 ALL	486681.52	3674638.77	0.000190057	50000	Formaldehyde	1.94E-09	30YrCancerDerived	*	1.94E-09	INHALATION
773 ALL	486702.36	3674638.77	0.000191036	50000	Formaldehyde	1.95E-09	30YrCancerDerived	*	1.95E-09	INHALATION
774 ALL	486723.2	3674638.77	0.000194361	50000	Formaldehyde	1.98E-09	30YrCancerDerived	*	1.98E-09	INHALATION
775 ALL	486744.04	3674638.77	0.000202378	50000	Formaldehyde	2.06E-09	30YrCancerDerived	*	2.06E-09	INHALATION
776 ALL	486764.88	3674638.77	0.000213755	50000	Formaldehyde	2.18E-09	30YrCancerDerived	*	2.18E-09	INHALATION
777 ALL	486785.72	3674638.77	0.000230925	50000	Formaldehyde	2.35E-09	30YrCancerDerived	*	2.35E-09	INHALATION
778 ALL	486452.28	3674658.65	0.000158816	50000	Formaldehyde	1.62E-09	30YrCancerDerived	*	1.62E-09	INHALATION
779 ALL	486473.12	3674658.65	0.00015692	50000	Formaldehyde	1.60E-09	30YrCancerDerived	*	1.60E-09	INHALATION
780 ALL	486493.96	3674658.65	0.000157895	50000	Formaldehyde	1.61E-09	30YrCancerDerived	*	1.61E-09	INHALATION
781 ALL	486514.8	3674658.65	0.000161314	50000	Formaldehyde	1.64E-09	30YrCancerDerived	*	1.64E-09	INHALATION
782 ALL	486535.64	3674658.65	0.000164871	50000	Formaldehyde	1.68E-09	30YrCancerDerived	*	1.68E-09	INHALATION
783 ALL	486556.48	3674658.65	0.00017004	50000	Formaldehyde	1.73E-09	30YrCancerDerived	*	1.73E-09	INHALATION
784 ALL	486577.32	3674658.65	0.000174439	50000	Formaldehyde	1.78E-09	30YrCancerDerived	*	1.78E-09	INHALATION
785 ALL	486598.16	3674658.65	0.000178283	50000	Formaldehyde	1.82E-09	30YrCancerDerived	*	1.82E-09	INHALATION
786 ALL	486619	3674658.65	0.000179305	50000	Formaldehyde	1.83E-09	30YrCancerDerived	*	1.83E-09	INHALATION
787 ALL	486639.84	3674658.65	0.000180778	50000	Formaldehyde	1.84E-09	30YrCancerDerived	*	1.84E-09	INHALATION
788 ALL	486660.68	3674658.65	0.000185194	50000	Formaldehyde	1.89E-09	30YrCancerDerived	*	1.89E-09	INHALATION
789 ALL	486681.52	3674658.65	0.000189245	50000	Formaldehyde	1.93E-09	30YrCancerDerived	*	1.93E-09	INHALATION

790 ALL	486702.36	3674658.65	0.000189714	50000	Formaldehyde	1.93E-09	30YrCancerDerived	*	1.93E-09	INHALATION
791 ALL	486723.2	3674658.65	0.000193101	50000	Formaldehyde	1.97E-09	30YrCancerDerived	*	1.97E-09	INHALATION
792 ALL	486744.04	3674658.65	0.000202074	50000	Formaldehyde	2.06E-09	30YrCancerDerived	*	2.06E-09	INHALATION
793 ALL	486764.88	3674658.65	0.000215672	50000	Formaldehyde	2.20E-09	30YrCancerDerived	*	2.20E-09	INHALATION
794 ALL	486452.28	3674678.53	0.000155353	50000	Formaldehyde	1.58E-09	30YrCancerDerived	*	1.58E-09	INHALATION
795 ALL	486473.12	3674678.53	0.00015572	50000	Formaldehyde	1.59E-09	30YrCancerDerived	*	1.59E-09	INHALATION
796 ALL	486493.96	3674678.53	0.000158056	50000	Formaldehyde	1.61E-09	30YrCancerDerived	*	1.61E-09	INHALATION
797 ALL	486514.8	3674678.53	0.000161608	50000	Formaldehyde	1.65E-09	30YrCancerDerived	*	1.65E-09	INHALATION
798 ALL	486535.64	3674678.53	0.00016513	50000	Formaldehyde	1.68E-09	30YrCancerDerived	*	1.68E-09	INHALATION
799 ALL	486556.48	3674678.53	0.000169334	50000	Formaldehyde	1.73E-09	30YrCancerDerived	*	1.73E-09	INHALATION
800 ALL	486577.32	3674678.53	0.000173896	50000	Formaldehyde	1.77E-09	30YrCancerDerived	*	1.77E-09	INHALATION
801 ALL	486598.16	3674678.53	0.000176735	50000	Formaldehyde	1.80E-09	30YrCancerDerived	*	1.80E-09	INHALATION
802 ALL	486619	3674678.53	0.000176824	50000	Formaldehyde	1.80E-09	30YrCancerDerived	*	1.80E-09	INHALATION
803 ALL	486639.84	3674678.53	0.000179689	50000	Formaldehyde	1.83E-09	30YrCancerDerived	*	1.83E-09	INHALATION
804 ALL	486660.68	3674678.53	0.000184744	50000	Formaldehyde	1.88E-09	30YrCancerDerived	*	1.88E-09	INHALATION
805 ALL	486681.52	3674678.53	0.000190106	50000	Formaldehyde	1.94E-09	30YrCancerDerived	*	1.94E-09	INHALATION
806 ALL	486702.36	3674678.53	0.000193969	50000	Formaldehyde	1.98E-09	30YrCancerDerived	*	1.98E-09	INHALATION
807 ALL	486723.2	3674678.53	0.000198418	50000	Formaldehyde	2.02E-09	30YrCancerDerived	*	2.02E-09	INHALATION
808 ALL	486744.04	3674678.53	0.000206552	50000	Formaldehyde	2.11E-09	30YrCancerDerived	*	2.11E-09	INHALATION
809 ALL	486764.88	3674678.53	0.000223728	50000	Formaldehyde	2.28E-09	30YrCancerDerived	*	2.28E-09	INHALATION
810 ALL	486431.44	3674698.41	0.000153524	50000	Formaldehyde	1.56E-09	30YrCancerDerived	*	1.56E-09	INHALATION
811 ALL	486452.28	3674698.41	0.00015388	50000	Formaldehyde	1.57E-09	30YrCancerDerived	*	1.57E-09	INHALATION
812 ALL	486473.12	3674698.41	0.000155523	50000	Formaldehyde	1.59E-09	30YrCancerDerived	*	1.59E-09	INHALATION
813 ALL	486493.96	3674698.41	0.000158708	50000	Formaldehyde	1.62E-09	30YrCancerDerived	*	1.62E-09	INHALATION
814 ALL	486514.8	3674698.41	0.000161767	50000	Formaldehyde	1.65E-09	30YrCancerDerived	*	1.65E-09	INHALATION
815 ALL	486535.64	3674698.41	0.000165439	50000	Formaldehyde	1.69E-09	30YrCancerDerived	*	1.69E-09	INHALATION
816 ALL	486556.48	3674698.41	0.000169038	50000	Formaldehyde	1.72E-09	30YrCancerDerived	*	1.72E-09	INHALATION
817 ALL	486577.32	3674698.41	0.000172998	50000	Formaldehyde	1.76E-09	30YrCancerDerived	*	1.76E-09	INHALATION
818 ALL	486598.16	3674698.41	0.000175601	50000	Formaldehyde	1.79E-09	30YrCancerDerived	*	1.79E-09	INHALATION
819 ALL	486619	3674698.41	0.000176837	50000	Formaldehyde	1.80E-09	30YrCancerDerived	*	1.80E-09	INHALATION
820 ALL	486639.84	3674698.41	0.000182276	50000	Formaldehyde	1.86E-09	30YrCancerDerived	*	1.86E-09	INHALATION
821 ALL	486660.68	3674698.41	0.00019118	50000	Formaldehyde	1.95E-09	30YrCancerDerived	*	1.95E-09	INHALATION
822 ALL	486431.44	3674718.29	0.000153021	50000	Formaldehyde	1.56E-09	30YrCancerDerived	*	1.56E-09	INHALATION
823 ALL	486452.28	3674718.29	0.000153703	50000	Formaldehyde	1.57E-09	30YrCancerDerived	*	1.57E-09	INHALATION
824 ALL	486473.12	3674718.29	0.000156544	50000	Formaldehyde	1.60E-09	30YrCancerDerived	*	1.60E-09	INHALATION

825 ALL	486493.96	3674718.29	0.000160274	50000	Formaldehyde	1.63E-09	30YrCancerDerived	*	1.63E-09	INHALATION
826 ALL	486514.8	3674718.29	0.000163645	50000	Formaldehyde	1.67E-09	30YrCancerDerived	*	1.67E-09	INHALATION
827 ALL	486535.64	3674718.29	0.000166655	50000	Formaldehyde	1.70E-09	30YrCancerDerived	*	1.70E-09	INHALATION
828 ALL	486556.48	3674718.29	0.000170622	50000	Formaldehyde	1.74E-09	30YrCancerDerived	*	1.74E-09	INHALATION
829 ALL	486577.32	3674718.29	0.000173816	50000	Formaldehyde	1.77E-09	30YrCancerDerived	*	1.77E-09	INHALATION
830 ALL	486598.16	3674718.29	0.000173479	50000	Formaldehyde	1.77E-09	30YrCancerDerived	*	1.77E-09	INHALATION
831 ALL	486619	3674718.29	0.000178019	50000	Formaldehyde	1.81E-09	30YrCancerDerived	*	1.81E-09	INHALATION
832 ALL	486639.84	3674718.29	0.000187706	50000	Formaldehyde	1.91E-09	30YrCancerDerived	*	1.91E-09	INHALATION
833 ALL	486452.28	3674738.17	0.000153555	50000	Formaldehyde	1.57E-09	30YrCancerDerived	*	1.57E-09	INHALATION
834 ALL	486473.12	3674738.17	0.000157746	50000	Formaldehyde	1.61E-09	30YrCancerDerived	*	1.61E-09	INHALATION
835 ALL	486493.96	3674738.17	0.000163102	50000	Formaldehyde	1.66E-09	30YrCancerDerived	*	1.66E-09	INHALATION
836 ALL	486514.8	3674738.17	0.000167885	50000	Formaldehyde	1.71E-09	30YrCancerDerived	*	1.71E-09	INHALATION
837 ALL	486535.64	3674738.17	0.000171767	50000	Formaldehyde	1.75E-09	30YrCancerDerived	*	1.75E-09	INHALATION
838 ALL	486556.48	3674738.17	0.00017594	50000	Formaldehyde	1.79E-09	30YrCancerDerived	*	1.79E-09	INHALATION
839 ALL	486577.32	3674738.17	0.000177313	50000	Formaldehyde	1.81E-09	30YrCancerDerived	*	1.81E-09	INHALATION
840 ALL	486598.16	3674738.17	0.000177903	50000	Formaldehyde	1.81E-09	30YrCancerDerived	*	1.81E-09	INHALATION
841 ALL	486619	3674738.17	0.000184575	50000	Formaldehyde	1.88E-09	30YrCancerDerived	*	1.88E-09	INHALATION
842 ALL	486473.12	3674758.05	0.000159276	50000	Formaldehyde	1.62E-09	30YrCancerDerived	*	1.62E-09	INHALATION
843 ALL	486493.96	3674758.05	0.000165539	50000	Formaldehyde	1.69E-09	30YrCancerDerived	*	1.69E-09	INHALATION
844 ALL	486514.8	3674758.05	0.00017332	50000	Formaldehyde	1.77E-09	30YrCancerDerived	*	1.77E-09	INHALATION
845 ALL	486535.64	3674758.05	0.000178094	50000	Formaldehyde	1.82E-09	30YrCancerDerived	*	1.82E-09	INHALATION
846 ALL	486556.48	3674758.05	0.00018276	50000	Formaldehyde	1.86E-09	30YrCancerDerived	*	1.86E-09	INHALATION
847 ALL	486577.32	3674758.05	0.000184938	50000	Formaldehyde	1.88E-09	30YrCancerDerived	*	1.88E-09	INHALATION
848 ALL	486139.68	3674777.93	0.000195917	50000	Formaldehyde	0.000000002	30YrCancerDerived	*	0.000000002	INHALATION
849 ALL	486514.8	3674777.93	0.000177246	50000	Formaldehyde	1.81E-09	30YrCancerDerived	*	1.81E-09	INHALATION
850 ALL	486535.64	3674777.93	0.000184717	50000	Formaldehyde	1.88E-09	30YrCancerDerived	*	1.88E-09	INHALATION
851 ALL	486556.48	3674777.93	0.00019114	50000	Formaldehyde	1.95E-09	30YrCancerDerived	*	1.95E-09	INHALATION
852 ALL	486139.68	3674797.81	0.00021072	50000	Formaldehyde	2.15E-09	30YrCancerDerived	*	2.15E-09	INHALATION
853 ALL	486160.52	3674797.81	0.000197099	50000	Formaldehyde	2.01E-09	30YrCancerDerived	*	2.01E-09	INHALATION
854 ALL	486181.36	3674797.81	0.000188628	50000	Formaldehyde	1.92E-09	30YrCancerDerived	*	1.92E-09	INHALATION
855 ALL	486202.2	3674797.81	0.000180881	50000	Formaldehyde	1.84E-09	30YrCancerDerived	*	1.84E-09	INHALATION
856 ALL	486243.88	3674797.81	0.000174728	50000	Formaldehyde	1.78E-09	30YrCancerDerived	*	1.78E-09	INHALATION
857 ALL	486264.72	3674797.81	0.000165943	50000	Formaldehyde	1.69E-09	30YrCancerDerived	*	1.69E-09	INHALATION
858 ALL	486285.56	3674797.81	0.000161071	50000	Formaldehyde	1.64E-09	30YrCancerDerived	*	1.64E-09	INHALATION
859 ALL	486306.4	3674797.81	0.000157043	50000	Formaldehyde	1.60E-09	30YrCancerDerived	*	1.60E-09	INHALATION

860 ALL	486535.64	3674797.81	0.00019037	50000	Formaldehyde	1.94E-09	30YrCancerDerived	*	1.94E-09	INHALATION
861 ALL	486556.48	3674797.81	0.000202346	50000	Formaldehyde	2.06E-09	30YrCancerDerived	*	2.06E-09	INHALATION
862 ALL	485868.76	3674817.69	0.000136507	50000	Formaldehyde	1.39E-09	30YrCancerDerived	*	1.39E-09	INHALATION
863 ALL	485889.6	3674817.69	0.00014154	50000	Formaldehyde	1.44E-09	30YrCancerDerived	*	1.44E-09	INHALATION
864 ALL	485910.44	3674817.69	0.000146117	50000	Formaldehyde	1.49E-09	30YrCancerDerived	*	1.49E-09	INHALATION
865 ALL	485931.28	3674817.69	0.000148588	50000	Formaldehyde	1.51E-09	30YrCancerDerived	*	1.51E-09	INHALATION
866 ALL	485952.12	3674817.69	0.000150924	50000	Formaldehyde	1.54E-09	30YrCancerDerived	*	1.54E-09	INHALATION
867 ALL	485972.96	3674817.69	0.000153356	50000	Formaldehyde	1.56E-09	30YrCancerDerived	*	1.56E-09	INHALATION
868 ALL	486118.84	3674817.69	0.000190151	50000	Formaldehyde	1.94E-09	30YrCancerDerived	*	1.94E-09	INHALATION
869 ALL	486139.68	3674817.69	0.000186711	50000	Formaldehyde	1.90E-09	30YrCancerDerived	*	1.90E-09	INHALATION
870 ALL	486160.52	3674817.69	0.000190047	50000	Formaldehyde	1.94E-09	30YrCancerDerived	*	1.94E-09	INHALATION
871 ALL	486181.36	3674817.69	0.000193244	50000	Formaldehyde	1.97E-09	30YrCancerDerived	*	1.97E-09	INHALATION
872 ALL	486202.2	3674817.69	0.000195586	50000	Formaldehyde	1.99E-09	30YrCancerDerived	*	1.99E-09	INHALATION
873 ALL	486223.04	3674817.69	0.000190595	50000	Formaldehyde	1.94E-09	30YrCancerDerived	*	1.94E-09	INHALATION
874 ALL	486243.88	3674817.69	0.00017509	50000	Formaldehyde	1.78E-09	30YrCancerDerived	*	1.78E-09	INHALATION
875 ALL	486264.72	3674817.69	0.000162188	50000	Formaldehyde	1.65E-09	30YrCancerDerived	*	1.65E-09	INHALATION
876 ALL	486285.56	3674817.69	0.000156041	50000	Formaldehyde	1.59E-09	30YrCancerDerived	*	1.59E-09	INHALATION
877 ALL	486306.4	3674817.69	0.000152858	50000	Formaldehyde	1.56E-09	30YrCancerDerived	*	1.56E-09	INHALATION
878 ALL	485868.76	3674837.57	0.000133441	50000	Formaldehyde	1.36E-09	30YrCancerDerived	*	1.36E-09	INHALATION
879 ALL	485889.6	3674837.57	0.000139193	50000	Formaldehyde	1.42E-09	30YrCancerDerived	*	1.42E-09	INHALATION
880 ALL	485910.44	3674837.57	0.000144943	50000	Formaldehyde	1.48E-09	30YrCancerDerived	*	1.48E-09	INHALATION
881 ALL	485931.28	3674837.57	0.000148447	50000	Formaldehyde	1.51E-09	30YrCancerDerived	*	1.51E-09	INHALATION
882 ALL	485952.12	3674837.57	0.000152251	50000	Formaldehyde	1.55E-09	30YrCancerDerived	*	1.55E-09	INHALATION
883 ALL	485972.96	3674837.57	0.000159235	50000	Formaldehyde	1.62E-09	30YrCancerDerived	*	1.62E-09	INHALATION
884 ALL	485993.8	3674837.57	0.000167117	50000	Formaldehyde	1.70E-09	30YrCancerDerived	*	1.70E-09	INHALATION
885 ALL	486014.64	3674837.57	0.000170942	50000	Formaldehyde	1.74E-09	30YrCancerDerived	*	1.74E-09	INHALATION
886 ALL	486035.48	3674837.57	0.000174429	50000	Formaldehyde	1.78E-09	30YrCancerDerived	*	1.78E-09	INHALATION
887 ALL	486077.16	3674837.57	0.000186054	50000	Formaldehyde	1.90E-09	30YrCancerDerived	*	1.90E-09	INHALATION
888 ALL	486098	3674837.57	0.000177653	50000	Formaldehyde	1.81E-09	30YrCancerDerived	*	1.81E-09	INHALATION
889 ALL	486118.84	3674837.57	0.000165629	50000	Formaldehyde	1.69E-09	30YrCancerDerived	*	1.69E-09	INHALATION
890 ALL	486139.68	3674837.57	0.000166411	50000	Formaldehyde	1.70E-09	30YrCancerDerived	*	1.70E-09	INHALATION
891 ALL	486160.52	3674837.57	0.000167005	50000	Formaldehyde	1.70E-09	30YrCancerDerived	*	1.70E-09	INHALATION
892 ALL	486181.36	3674837.57	0.000169128	50000	Formaldehyde	1.72E-09	30YrCancerDerived	*	1.72E-09	INHALATION
893 ALL	486202.2	3674837.57	0.000180377	50000	Formaldehyde	1.84E-09	30YrCancerDerived	*	1.84E-09	INHALATION
894 ALL	486223.04	3674837.57	0.000181251	50000	Formaldehyde	1.85E-09	30YrCancerDerived	*	1.85E-09	INHALATION

895 ALL	486243.88	3674837.57	0.000166532	50000	Formaldehyde	1.70E-09	30YrCancerDerived	*	1.70E-09	INHALATION
896 ALL	486264.72	3674837.57	0.00015546	50000	Formaldehyde	1.58E-09	30YrCancerDerived	*	1.58E-09	INHALATION
897 ALL	486285.56	3674837.57	0.000149963	50000	Formaldehyde	1.53E-09	30YrCancerDerived	*	1.53E-09	INHALATION
898 ALL	486306.4	3674837.57	0.000148645	50000	Formaldehyde	1.51E-09	30YrCancerDerived	*	1.51E-09	INHALATION
899 ALL	485722.88	3674857.45	0.000100706	50000	Formaldehyde	1.03E-09	30YrCancerDerived	*	1.03E-09	INHALATION
900 ALL	485743.72	3674857.45	0.000106028	50000	Formaldehyde	1.08E-09	30YrCancerDerived	*	1.08E-09	INHALATION
901 ALL	485764.56	3674857.45	0.000110999	50000	Formaldehyde	1.13E-09	30YrCancerDerived	*	1.13E-09	INHALATION
902 ALL	485785.4	3674857.45	0.000114967	50000	Formaldehyde	1.17E-09	30YrCancerDerived	*	1.17E-09	INHALATION
903 ALL	485806.24	3674857.45	0.000118321	50000	Formaldehyde	1.21E-09	30YrCancerDerived	*	1.21E-09	INHALATION
904 ALL	485827.08	3674857.45	0.000121776	50000	Formaldehyde	1.24E-09	30YrCancerDerived	*	1.24E-09	INHALATION
905 ALL	485847.92	3674857.45	0.000125693	50000	Formaldehyde	1.28E-09	30YrCancerDerived	*	1.28E-09	INHALATION
906 ALL	485868.76	3674857.45	0.000130318	50000	Formaldehyde	1.33E-09	30YrCancerDerived	*	1.33E-09	INHALATION
907 ALL	485889.6	3674857.45	0.00013548	50000	Formaldehyde	1.38E-09	30YrCancerDerived	*	1.38E-09	INHALATION
908 ALL	485910.44	3674857.45	0.000141265	50000	Formaldehyde	1.44E-09	30YrCancerDerived	*	1.44E-09	INHALATION
909 ALL	485931.28	3674857.45	0.000145227	50000	Formaldehyde	1.48E-09	30YrCancerDerived	*	1.48E-09	INHALATION
910 ALL	485952.12	3674857.45	0.000148631	50000	Formaldehyde	1.51E-09	30YrCancerDerived	*	1.51E-09	INHALATION
911 ALL	485972.96	3674857.45	0.000155124	50000	Formaldehyde	1.58E-09	30YrCancerDerived	*	1.58E-09	INHALATION
912 ALL	485993.8	3674857.45	0.000163627	50000	Formaldehyde	1.67E-09	30YrCancerDerived	*	1.67E-09	INHALATION
913 ALL	486014.64	3674857.45	0.000168817	50000	Formaldehyde	1.72E-09	30YrCancerDerived	*	1.72E-09	INHALATION
914 ALL	486035.48	3674857.45	0.000175379	50000	Formaldehyde	1.79E-09	30YrCancerDerived	*	1.79E-09	INHALATION
915 ALL	486056.32	3674857.45	0.000183166	50000	Formaldehyde	1.87E-09	30YrCancerDerived	*	1.87E-09	INHALATION
916 ALL	486077.16	3674857.45	0.000179228	50000	Formaldehyde	1.83E-09	30YrCancerDerived	*	1.83E-09	INHALATION
917 ALL	486098	3674857.45	0.000158441	50000	Formaldehyde	1.61E-09	30YrCancerDerived	*	1.61E-09	INHALATION
918 ALL	486118.84	3674857.45	0.000148688	50000	Formaldehyde	1.52E-09	30YrCancerDerived	*	1.52E-09	INHALATION
919 ALL	486139.68	3674857.45	0.000150188	50000	Formaldehyde	1.53E-09	30YrCancerDerived	*	1.53E-09	INHALATION
920 ALL	486160.52	3674857.45	0.00015235	50000	Formaldehyde	1.55E-09	30YrCancerDerived	*	1.55E-09	INHALATION
921 ALL	486181.36	3674857.45	0.000154324	50000	Formaldehyde	1.57E-09	30YrCancerDerived	*	1.57E-09	INHALATION
922 ALL	486202.2	3674857.45	0.000165798	50000	Formaldehyde	1.69E-09	30YrCancerDerived	*	1.69E-09	INHALATION
923 ALL	486223.04	3674857.45	0.000173521	50000	Formaldehyde	1.77E-09	30YrCancerDerived	*	1.77E-09	INHALATION
924 ALL	486243.88	3674857.45	0.000162301	50000	Formaldehyde	1.65E-09	30YrCancerDerived	*	1.65E-09	INHALATION
925 ALL	486264.72	3674857.45	0.000153735	50000	Formaldehyde	1.57E-09	30YrCancerDerived	*	1.57E-09	INHALATION
926 ALL	486285.56	3674857.45	0.000148521	50000	Formaldehyde	1.51E-09	30YrCancerDerived	*	1.51E-09	INHALATION
927 ALL	486306.4	3674857.45	0.000145491	50000	Formaldehyde	1.48E-09	30YrCancerDerived	*	1.48E-09	INHALATION
928 ALL	485722.88	3674877.33	0.0000986	50000	Formaldehyde	1.01E-09	30YrCancerDerived	*	1.01E-09	INHALATION
929 ALL	485743.72	3674877.33	0.000100405	50000	Formaldehyde	1.02E-09	30YrCancerDerived	*	1.02E-09	INHALATION

930 ALL	485764.56	3674877.33	0.000103891	50000	Formaldehyde	1.06E-09	30YrCancerDerived	*	1.06E-09	INHALATION
931 ALL	485827.08	3674877.33	0.000118589	50000	Formaldehyde	1.21E-09	30YrCancerDerived	*	1.21E-09	INHALATION
932 ALL	485847.92	3674877.33	0.000122581	50000	Formaldehyde	1.25E-09	30YrCancerDerived	*	1.25E-09	INHALATION
933 ALL	485868.76	3674877.33	0.000126936	50000	Formaldehyde	1.29E-09	30YrCancerDerived	*	1.29E-09	INHALATION
934 ALL	485889.6	3674877.33	0.000132165	50000	Formaldehyde	1.35E-09	30YrCancerDerived	*	1.35E-09	INHALATION
935 ALL	485910.44	3674877.33	0.000137174	50000	Formaldehyde	1.40E-09	30YrCancerDerived	*	1.40E-09	INHALATION
936 ALL	485931.28	3674877.33	0.000141741	50000	Formaldehyde	1.44E-09	30YrCancerDerived	*	1.44E-09	INHALATION
937 ALL	485952.12	3674877.33	0.000145799	50000	Formaldehyde	1.49E-09	30YrCancerDerived	*	1.49E-09	INHALATION
938 ALL	485972.96	3674877.33	0.000151378	50000	Formaldehyde	1.54E-09	30YrCancerDerived	*	1.54E-09	INHALATION
939 ALL	485993.8	3674877.33	0.000152097	50000	Formaldehyde	1.55E-09	30YrCancerDerived	*	1.55E-09	INHALATION
940 ALL	486014.64	3674877.33	0.000155009	50000	Formaldehyde	1.58E-09	30YrCancerDerived	*	1.58E-09	INHALATION
941 ALL	486035.48	3674877.33	0.000166117	50000	Formaldehyde	1.69E-09	30YrCancerDerived	*	1.69E-09	INHALATION
942 ALL	486056.32	3674877.33	0.000179054	50000	Formaldehyde	1.82E-09	30YrCancerDerived	*	1.82E-09	INHALATION
943 ALL	486077.16	3674877.33	0.000170112	50000	Formaldehyde	1.73E-09	30YrCancerDerived	*	1.73E-09	INHALATION
944 ALL	486098	3674877.33	0.000147712	50000	Formaldehyde	1.51E-09	30YrCancerDerived	*	1.51E-09	INHALATION
945 ALL	486118.84	3674877.33	0.000140294	50000	Formaldehyde	1.43E-09	30YrCancerDerived	*	1.43E-09	INHALATION
946 ALL	486139.68	3674877.33	0.000141065	50000	Formaldehyde	1.44E-09	30YrCancerDerived	*	1.44E-09	INHALATION
947 ALL	486160.52	3674877.33	0.000143617	50000	Formaldehyde	1.46E-09	30YrCancerDerived	*	1.46E-09	INHALATION
948 ALL	486181.36	3674877.33	0.000148356	50000	Formaldehyde	1.51E-09	30YrCancerDerived	*	1.51E-09	INHALATION
949 ALL	486202.2	3674877.33	0.000155976	50000	Formaldehyde	1.59E-09	30YrCancerDerived	*	1.59E-09	INHALATION
950 ALL	486223.04	3674877.33	0.000162139	50000	Formaldehyde	1.65E-09	30YrCancerDerived	*	1.65E-09	INHALATION
951 ALL	486243.88	3674877.33	0.000157126	50000	Formaldehyde	1.60E-09	30YrCancerDerived	*	1.60E-09	INHALATION
952 ALL	486264.72	3674877.33	0.00015116	50000	Formaldehyde	1.54E-09	30YrCancerDerived	*	1.54E-09	INHALATION
953 ALL	486285.56	3674877.33	0.000147618	50000	Formaldehyde	1.50E-09	30YrCancerDerived	*	1.50E-09	INHALATION
954 ALL	486306.4	3674877.33	0.000145383	50000	Formaldehyde	1.48E-09	30YrCancerDerived	*	1.48E-09	INHALATION
955 ALL	485743.72	3674897.21	0.0000963	50000	Formaldehyde	9.82E-10	30YrCancerDerived	*	9.82E-10	INHALATION
956 ALL	485847.92	3674897.21	0.000119167	50000	Formaldehyde	1.21E-09	30YrCancerDerived	*	1.21E-09	INHALATION
957 ALL	485868.76	3674897.21	0.000123886	50000	Formaldehyde	1.26E-09	30YrCancerDerived	*	1.26E-09	INHALATION
958 ALL	485889.6	3674897.21	0.000129047	50000	Formaldehyde	1.32E-09	30YrCancerDerived	*	1.32E-09	INHALATION
959 ALL	485910.44	3674897.21	0.000134475	50000	Formaldehyde	1.37E-09	30YrCancerDerived	*	1.37E-09	INHALATION
960 ALL	485931.28	3674897.21	0.00013894	50000	Formaldehyde	1.42E-09	30YrCancerDerived	*	1.42E-09	INHALATION
961 ALL	485952.12	3674897.21	0.000143732	50000	Formaldehyde	1.46E-09	30YrCancerDerived	*	1.46E-09	INHALATION
962 ALL	485972.96	3674897.21	0.00014803	50000	Formaldehyde	1.51E-09	30YrCancerDerived	*	1.51E-09	INHALATION
963 ALL	485993.8	3674897.21	0.000144806	50000	Formaldehyde	1.48E-09	30YrCancerDerived	*	1.48E-09	INHALATION
964 ALL	486014.64	3674897.21	0.000147603	50000	Formaldehyde	1.50E-09	30YrCancerDerived	*	1.50E-09	INHALATION

965 ALL	486035.48	3674897.21	0.000158081	50000	Formaldehyde	1.61E-09	30YrCancerDerived	*	1.61E-09	INHALATION
966 ALL	486056.32	3674897.21	0.000175956	50000	Formaldehyde	1.79E-09	30YrCancerDerived	*	1.79E-09	INHALATION
967 ALL	486077.16	3674897.21	0.000165175	50000	Formaldehyde	1.68E-09	30YrCancerDerived	*	1.68E-09	INHALATION
968 ALL	486098	3674897.21	0.000145935	50000	Formaldehyde	1.49E-09	30YrCancerDerived	*	1.49E-09	INHALATION
969 ALL	486118.84	3674897.21	0.000139037	50000	Formaldehyde	1.42E-09	30YrCancerDerived	*	1.42E-09	INHALATION
970 ALL	486139.68	3674897.21	0.000136016	50000	Formaldehyde	1.39E-09	30YrCancerDerived	*	1.39E-09	INHALATION
971 ALL	486160.52	3674897.21	0.000137744	50000	Formaldehyde	1.40E-09	30YrCancerDerived	*	1.40E-09	INHALATION
972 ALL	486181.36	3674897.21	0.000141182	50000	Formaldehyde	1.44E-09	30YrCancerDerived	*	1.44E-09	INHALATION
973 ALL	486202.2	3674897.21	0.000149246	50000	Formaldehyde	1.52E-09	30YrCancerDerived	*	1.52E-09	INHALATION
974 ALL	486223.04	3674897.21	0.000154228	50000	Formaldehyde	1.57E-09	30YrCancerDerived	*	1.57E-09	INHALATION
975 ALL	486243.88	3674897.21	0.000154623	50000	Formaldehyde	1.58E-09	30YrCancerDerived	*	1.58E-09	INHALATION
976 ALL	486264.72	3674897.21	0.000148887	50000	Formaldehyde	1.52E-09	30YrCancerDerived	*	1.52E-09	INHALATION
977 ALL	486285.56	3674897.21	0.000145679	50000	Formaldehyde	1.48E-09	30YrCancerDerived	*	1.48E-09	INHALATION
978 ALL	486306.4	3674897.21	0.000144262	50000	Formaldehyde	1.47E-09	30YrCancerDerived	*	1.47E-09	INHALATION
979 ALL	486327.24	3674897.21	0.000144588	50000	Formaldehyde	1.47E-09	30YrCancerDerived	*	1.47E-09	INHALATION
980 ALL	485847.92	3674917.09	0.000115124	50000	Formaldehyde	1.17E-09	30YrCancerDerived	*	1.17E-09	INHALATION
981 ALL	485868.76	3674917.09	0.000120594	50000	Formaldehyde	1.23E-09	30YrCancerDerived	*	1.23E-09	INHALATION
982 ALL	485889.6	3674917.09	0.000126542	50000	Formaldehyde	1.29E-09	30YrCancerDerived	*	1.29E-09	INHALATION
983 ALL	485910.44	3674917.09	0.000132384	50000	Formaldehyde	1.35E-09	30YrCancerDerived	*	1.35E-09	INHALATION
984 ALL	485931.28	3674917.09	0.000136591	50000	Formaldehyde	1.39E-09	30YrCancerDerived	*	1.39E-09	INHALATION
985 ALL	485952.12	3674917.09	0.000140146	50000	Formaldehyde	1.43E-09	30YrCancerDerived	*	1.43E-09	INHALATION
986 ALL	485972.96	3674917.09	0.000140151	50000	Formaldehyde	1.43E-09	30YrCancerDerived	*	1.43E-09	INHALATION
987 ALL	485993.8	3674917.09	0.00013871	50000	Formaldehyde	1.41E-09	30YrCancerDerived	*	1.41E-09	INHALATION
988 ALL	486014.64	3674917.09	0.00014057	50000	Formaldehyde	1.43E-09	30YrCancerDerived	*	1.43E-09	INHALATION
989 ALL	486035.48	3674917.09	0.000152798	50000	Formaldehyde	1.56E-09	30YrCancerDerived	*	1.56E-09	INHALATION
990 ALL	486056.32	3674917.09	0.000165671	50000	Formaldehyde	1.69E-09	30YrCancerDerived	*	1.69E-09	INHALATION
991 ALL	486077.16	3674917.09	0.000162964	50000	Formaldehyde	1.66E-09	30YrCancerDerived	*	1.66E-09	INHALATION
992 ALL	486098	3674917.09	0.000148975	50000	Formaldehyde	1.52E-09	30YrCancerDerived	*	1.52E-09	INHALATION
993 ALL	486118.84	3674917.09	0.000141563	50000	Formaldehyde	1.44E-09	30YrCancerDerived	*	1.44E-09	INHALATION
994 ALL	486139.68	3674917.09	0.000136391	50000	Formaldehyde	1.39E-09	30YrCancerDerived	*	1.39E-09	INHALATION
995 ALL	486160.52	3674917.09	0.000134748	50000	Formaldehyde	1.37E-09	30YrCancerDerived	*	1.37E-09	INHALATION
996 ALL	486181.36	3674917.09	0.000135156	50000	Formaldehyde	1.38E-09	30YrCancerDerived	*	1.38E-09	INHALATION
997 ALL	486202.2	3674917.09	0.000141839	50000	Formaldehyde	1.45E-09	30YrCancerDerived	*	1.45E-09	INHALATION
998 ALL	486223.04	3674917.09	0.000148609	50000	Formaldehyde	1.51E-09	30YrCancerDerived	*	1.51E-09	INHALATION
999 ALL	486243.88	3674917.09	0.000151448	50000	Formaldehyde	1.54E-09	30YrCancerDerived	*	1.54E-09	INHALATION

1000 ALL	486264.72	3674917.09	0.000148903	50000 Formaldehyde	1.52E-09 30YrCancerDerived	*	1.52E-09 INHALATION
1001 ALL	486285.56	3674917.09	0.000147136	50000 Formaldehyde	1.50E-09 30YrCancerDerived	*	1.50E-09 INHALATION
1002 ALL	486306.4	3674917.09	0.000145762	50000 Formaldehyde	1.49E-09 30YrCancerDerived	*	1.49E-09 INHALATION
1003 ALL	486327.24	3674917.09	0.000145229	50000 Formaldehyde	1.48E-09 30YrCancerDerived	*	1.48E-09 INHALATION
1004 ALL	485868.76	3674936.97	0.000117434	50000 Formaldehyde	1.20E-09 30YrCancerDerived	*	1.20E-09 INHALATION
1005 ALL	485889.6	3674936.97	0.000123863	50000 Formaldehyde	1.26E-09 30YrCancerDerived	*	1.26E-09 INHALATION
1006 ALL	485910.44	3674936.97	0.000129668	50000 Formaldehyde	1.32E-09 30YrCancerDerived	*	1.32E-09 INHALATION
1007 ALL	485931.28	3674936.97	0.000134036	50000 Formaldehyde	1.37E-09 30YrCancerDerived	*	1.37E-09 INHALATION
1008 ALL	485952.12	3674936.97	0.000137221	50000 Formaldehyde	1.40E-09 30YrCancerDerived	*	1.40E-09 INHALATION
1009 ALL	485972.96	3674936.97	0.000136776	50000 Formaldehyde	1.39E-09 30YrCancerDerived	*	1.39E-09 INHALATION
1010 ALL	485993.8	3674936.97	0.000136422	50000 Formaldehyde	1.39E-09 30YrCancerDerived	*	1.39E-09 INHALATION
1011 ALL	486014.64	3674936.97	0.000136996	50000 Formaldehyde	1.40E-09 30YrCancerDerived	*	1.40E-09 INHALATION
1012 ALL	486035.48	3674936.97	0.000146105	50000 Formaldehyde	1.49E-09 30YrCancerDerived	*	1.49E-09 INHALATION
1013 ALL	486056.32	3674936.97	0.000157118	50000 Formaldehyde	1.60E-09 30YrCancerDerived	*	1.60E-09 INHALATION
1014 ALL	486077.16	3674936.97	0.000156175	50000 Formaldehyde	1.59E-09 30YrCancerDerived	*	1.59E-09 INHALATION
1015 ALL	486098	3674936.97	0.000149683	50000 Formaldehyde	1.53E-09 30YrCancerDerived	*	1.53E-09 INHALATION
1016 ALL	486118.84	3674936.97	0.000143147	50000 Formaldehyde	1.46E-09 30YrCancerDerived	*	1.46E-09 INHALATION
1017 ALL	486139.68	3674936.97	0.000137613	50000 Formaldehyde	1.40E-09 30YrCancerDerived	*	1.40E-09 INHALATION
1018 ALL	486160.52	3674936.97	0.000135308	50000 Formaldehyde	1.38E-09 30YrCancerDerived	*	1.38E-09 INHALATION
1019 ALL	486181.36	3674936.97	0.000134837	50000 Formaldehyde	1.37E-09 30YrCancerDerived	*	1.37E-09 INHALATION
1020 ALL	486202.2	3674936.97	0.000137335	50000 Formaldehyde	1.40E-09 30YrCancerDerived	*	1.40E-09 INHALATION
1021 ALL	486223.04	3674936.97	0.000143907	50000 Formaldehyde	1.47E-09 30YrCancerDerived	*	1.47E-09 INHALATION
1022 ALL	486243.88	3674936.97	0.000148179	50000 Formaldehyde	1.51E-09 30YrCancerDerived	*	1.51E-09 INHALATION
1023 ALL	486264.72	3674936.97	0.000149404	50000 Formaldehyde	1.52E-09 30YrCancerDerived	*	1.52E-09 INHALATION
1024 ALL	486285.56	3674936.97	0.000148545	50000 Formaldehyde	1.51E-09 30YrCancerDerived	*	1.51E-09 INHALATION
1025 ALL	486306.4	3674936.97	0.000148306	50000 Formaldehyde	1.51E-09 30YrCancerDerived	*	1.51E-09 INHALATION
1026 ALL	486327.24	3674936.97	0.000146967	50000 Formaldehyde	1.50E-09 30YrCancerDerived	*	1.50E-09 INHALATION
1027 ALL	486348.08	3674936.97	0.000146779	50000 Formaldehyde	1.50E-09 30YrCancerDerived	*	1.50E-09 INHALATION
1028 ALL	485889.6	3674956.85	0.000121939	50000 Formaldehyde	1.24E-09 30YrCancerDerived	*	1.24E-09 INHALATION
1029 ALL	485910.44	3674956.85	0.000127285	50000 Formaldehyde	1.30E-09 30YrCancerDerived	*	1.30E-09 INHALATION
1030 ALL	485931.28	3674956.85	0.000131631	50000 Formaldehyde	1.34E-09 30YrCancerDerived	*	1.34E-09 INHALATION
1031 ALL	485952.12	3674956.85	0.000135435	50000 Formaldehyde	1.38E-09 30YrCancerDerived	*	1.38E-09 INHALATION
1032 ALL	485972.96	3674956.85	0.000136309	50000 Formaldehyde	1.39E-09 30YrCancerDerived	*	1.39E-09 INHALATION
1033 ALL	485993.8	3674956.85	0.000135304	50000 Formaldehyde	1.38E-09 30YrCancerDerived	*	1.38E-09 INHALATION
1034 ALL	486014.64	3674956.85	0.000135045	50000 Formaldehyde	1.38E-09 30YrCancerDerived	*	1.38E-09 INHALATION

1035 ALL	486035.48	3674956.85	0.000141303	50000	Formaldehyde	1.44E-09	30YrCancerDerived	*	1.44E-09	INHALATION
1036 ALL	486056.32	3674956.85	0.00015061	50000	Formaldehyde	1.54E-09	30YrCancerDerived	*	1.54E-09	INHALATION
1037 ALL	486077.16	3674956.85	0.000151712	50000	Formaldehyde	1.55E-09	30YrCancerDerived	*	1.55E-09	INHALATION
1038 ALL	486098	3674956.85	0.000146164	50000	Formaldehyde	1.49E-09	30YrCancerDerived	*	1.49E-09	INHALATION
1039 ALL	486118.84	3674956.85	0.00014282	50000	Formaldehyde	1.46E-09	30YrCancerDerived	*	1.46E-09	INHALATION
1040 ALL	486139.68	3674956.85	0.000139546	50000	Formaldehyde	1.42E-09	30YrCancerDerived	*	1.42E-09	INHALATION
1041 ALL	486160.52	3674956.85	0.000137154	50000	Formaldehyde	1.40E-09	30YrCancerDerived	*	1.40E-09	INHALATION
1042 ALL	486181.36	3674956.85	0.00013587	50000	Formaldehyde	1.38E-09	30YrCancerDerived	*	1.38E-09	INHALATION
1043 ALL	486202.2	3674956.85	0.000136465	50000	Formaldehyde	1.39E-09	30YrCancerDerived	*	1.39E-09	INHALATION
1044 ALL	486223.04	3674956.85	0.000140453	50000	Formaldehyde	1.43E-09	30YrCancerDerived	*	1.43E-09	INHALATION
1045 ALL	486243.88	3674956.85	0.000145189	50000	Formaldehyde	1.48E-09	30YrCancerDerived	*	1.48E-09	INHALATION
1046 ALL	486264.72	3674956.85	0.000146853	50000	Formaldehyde	1.50E-09	30YrCancerDerived	*	1.50E-09	INHALATION
1047 ALL	486285.56	3674956.85	0.000147728	50000	Formaldehyde	1.51E-09	30YrCancerDerived	*	1.51E-09	INHALATION
1048 ALL	486306.4	3674956.85	0.000148118	50000	Formaldehyde	1.51E-09	30YrCancerDerived	*	1.51E-09	INHALATION
1049 ALL	486327.24	3674956.85	0.0001483	50000	Formaldehyde	1.51E-09	30YrCancerDerived	*	1.51E-09	INHALATION
1050 ALL	486348.08	3674956.85	0.000149707	50000	Formaldehyde	1.53E-09	30YrCancerDerived	*	1.53E-09	INHALATION
1051 ALL	486368.92	3674956.85	0.000152957	50000	Formaldehyde	1.56E-09	30YrCancerDerived	*	1.56E-09	INHALATION
1052 ALL	485889.6	3674976.73	0.000121791	50000	Formaldehyde	1.24E-09	30YrCancerDerived	*	1.24E-09	INHALATION
1053 ALL	485910.44	3674976.73	0.000126959	50000	Formaldehyde	1.29E-09	30YrCancerDerived	*	1.29E-09	INHALATION
1054 ALL	485931.28	3674976.73	0.00013113	50000	Formaldehyde	1.34E-09	30YrCancerDerived	*	1.34E-09	INHALATION
1055 ALL	485952.12	3674976.73	0.000138797	50000	Formaldehyde	1.41E-09	30YrCancerDerived	*	1.41E-09	INHALATION
1056 ALL	485972.96	3674976.73	0.000138434	50000	Formaldehyde	1.41E-09	30YrCancerDerived	*	1.41E-09	INHALATION
1057 ALL	485993.8	3674976.73	0.000134952	50000	Formaldehyde	1.38E-09	30YrCancerDerived	*	1.38E-09	INHALATION
1058 ALL	486014.64	3674976.73	0.000133984	50000	Formaldehyde	1.37E-09	30YrCancerDerived	*	1.37E-09	INHALATION
1059 ALL	486035.48	3674976.73	0.000138793	50000	Formaldehyde	1.41E-09	30YrCancerDerived	*	1.41E-09	INHALATION
1060 ALL	486056.32	3674976.73	0.000146124	50000	Formaldehyde	1.49E-09	30YrCancerDerived	*	1.49E-09	INHALATION
1061 ALL	486077.16	3674976.73	0.000149707	50000	Formaldehyde	1.53E-09	30YrCancerDerived	*	1.53E-09	INHALATION
1062 ALL	486098	3674976.73	0.000148317	50000	Formaldehyde	1.51E-09	30YrCancerDerived	*	1.51E-09	INHALATION
1063 ALL	486118.84	3674976.73	0.000147438	50000	Formaldehyde	1.50E-09	30YrCancerDerived	*	1.50E-09	INHALATION
1064 ALL	486139.68	3674976.73	0.000143635	50000	Formaldehyde	1.46E-09	30YrCancerDerived	*	1.46E-09	INHALATION
1065 ALL	486160.52	3674976.73	0.000138958	50000	Formaldehyde	1.42E-09	30YrCancerDerived	*	1.42E-09	INHALATION
1066 ALL	486181.36	3674976.73	0.000136398	50000	Formaldehyde	1.39E-09	30YrCancerDerived	*	1.39E-09	INHALATION
1067 ALL	486202.2	3674976.73	0.000136357	50000	Formaldehyde	1.39E-09	30YrCancerDerived	*	1.39E-09	INHALATION
1068 ALL	486223.04	3674976.73	0.000139296	50000	Formaldehyde	1.42E-09	30YrCancerDerived	*	1.42E-09	INHALATION
1069 ALL	486243.88	3674976.73	0.000143166	50000	Formaldehyde	1.46E-09	30YrCancerDerived	*	1.46E-09	INHALATION

1070 ALL	486264.72	3674976.73	0.000144693	50000	Formaldehyde	1.47E-09	30YrCancerDerived	*	1.47E-09	INHALATION
1071 ALL	486285.56	3674976.73	0.000146445	50000	Formaldehyde	1.49E-09	30YrCancerDerived	*	1.49E-09	INHALATION
1072 ALL	486306.4	3674976.73	0.000148497	50000	Formaldehyde	1.51E-09	30YrCancerDerived	*	1.51E-09	INHALATION
1073 ALL	486327.24	3674976.73	0.000152019	50000	Formaldehyde	1.55E-09	30YrCancerDerived	*	1.55E-09	INHALATION
1074 ALL	486348.08	3674976.73	0.000154346	50000	Formaldehyde	1.57E-09	30YrCancerDerived	*	1.57E-09	INHALATION
1075 ALL	486368.92	3674976.73	0.000157044	50000	Formaldehyde	1.60E-09	30YrCancerDerived	*	1.60E-09	INHALATION
1076 ALL	486389.76	3674976.73	0.000161419	50000	Formaldehyde	1.65E-09	30YrCancerDerived	*	1.65E-09	INHALATION
1077 ALL	486410.6	3674976.73	0.000166851	50000	Formaldehyde	1.70E-09	30YrCancerDerived	*	1.70E-09	INHALATION
1078 ALL	486431.44	3674976.73	0.000171122	50000	Formaldehyde	1.74E-09	30YrCancerDerived	*	1.74E-09	INHALATION
1079 ALL	485889.6	3674996.61	0.000120987	50000	Formaldehyde	1.23E-09	30YrCancerDerived	*	1.23E-09	INHALATION
1080 ALL	485910.44	3674996.61	0.000131085	50000	Formaldehyde	1.34E-09	30YrCancerDerived	*	1.34E-09	INHALATION
1081 ALL	485931.28	3674996.61	0.000137792	50000	Formaldehyde	1.40E-09	30YrCancerDerived	*	1.40E-09	INHALATION
1082 ALL	485952.12	3674996.61	0.000146958	50000	Formaldehyde	1.50E-09	30YrCancerDerived	*	1.50E-09	INHALATION
1083 ALL	485972.96	3674996.61	0.000138772	50000	Formaldehyde	1.41E-09	30YrCancerDerived	*	1.41E-09	INHALATION
1084 ALL	485993.8	3674996.61	0.000133357	50000	Formaldehyde	1.36E-09	30YrCancerDerived	*	1.36E-09	INHALATION
1085 ALL	486014.64	3674996.61	0.000131525	50000	Formaldehyde	1.34E-09	30YrCancerDerived	*	1.34E-09	INHALATION
1086 ALL	486035.48	3674996.61	0.000134586	50000	Formaldehyde	1.37E-09	30YrCancerDerived	*	1.37E-09	INHALATION
1087 ALL	486056.32	3674996.61	0.000141935	50000	Formaldehyde	1.45E-09	30YrCancerDerived	*	1.45E-09	INHALATION
1088 ALL	486077.16	3674996.61	0.000145585	50000	Formaldehyde	1.48E-09	30YrCancerDerived	*	1.48E-09	INHALATION
1089 ALL	486098	3674996.61	0.000149131	50000	Formaldehyde	1.52E-09	30YrCancerDerived	*	1.52E-09	INHALATION
1090 ALL	486118.84	3674996.61	0.000149898	50000	Formaldehyde	1.53E-09	30YrCancerDerived	*	1.53E-09	INHALATION
1091 ALL	486139.68	3674996.61	0.000144519	50000	Formaldehyde	1.47E-09	30YrCancerDerived	*	1.47E-09	INHALATION
1092 ALL	486160.52	3674996.61	0.000139975	50000	Formaldehyde	1.43E-09	30YrCancerDerived	*	1.43E-09	INHALATION
1093 ALL	486181.36	3674996.61	0.000137958	50000	Formaldehyde	1.41E-09	30YrCancerDerived	*	1.41E-09	INHALATION
1094 ALL	486202.2	3674996.61	0.000137239	50000	Formaldehyde	1.40E-09	30YrCancerDerived	*	1.40E-09	INHALATION
1095 ALL	486223.04	3674996.61	0.000139436	50000	Formaldehyde	1.42E-09	30YrCancerDerived	*	1.42E-09	INHALATION
1096 ALL	486243.88	3674996.61	0.000142404	50000	Formaldehyde	1.45E-09	30YrCancerDerived	*	1.45E-09	INHALATION
1097 ALL	486264.72	3674996.61	0.000144005	50000	Formaldehyde	1.47E-09	30YrCancerDerived	*	1.47E-09	INHALATION
1098 ALL	486285.56	3674996.61	0.000144918	50000	Formaldehyde	1.48E-09	30YrCancerDerived	*	1.48E-09	INHALATION
1099 ALL	486306.4	3674996.61	0.000148708	50000	Formaldehyde	1.52E-09	30YrCancerDerived	*	1.52E-09	INHALATION
1100 ALL	486327.24	3674996.61	0.000153365	50000	Formaldehyde	1.56E-09	30YrCancerDerived	*	1.56E-09	INHALATION
1101 ALL	486348.08	3674996.61	0.00015842	50000	Formaldehyde	1.61E-09	30YrCancerDerived	*	1.61E-09	INHALATION
1102 ALL	486368.92	3674996.61	0.000161945	50000	Formaldehyde	1.65E-09	30YrCancerDerived	*	1.65E-09	INHALATION
1103 ALL	486389.76	3674996.61	0.000164911	50000	Formaldehyde	1.68E-09	30YrCancerDerived	*	1.68E-09	INHALATION
1104 ALL	486410.6	3674996.61	0.000172352	50000	Formaldehyde	1.76E-09	30YrCancerDerived	*	1.76E-09	INHALATION

1105	ALL	486431.44	3674996.61	0.000179947	50000	Formaldehyde	1.83E-09	30YrCancerDerived	*	1.83E-09	INHALATION
1106	ALL	486452.28	3674996.61	0.00018892	50000	Formaldehyde	1.93E-09	30YrCancerDerived	*	1.93E-09	INHALATION
1107	ALL	486473.12	3674996.61	0.000193921	50000	Formaldehyde	1.98E-09	30YrCancerDerived	*	1.98E-09	INHALATION
1108	ALL	486493.96	3674996.61	0.000196538	50000	Formaldehyde	0.000000002	30YrCancerDerived	*	0.000000002	INHALATION
1109	ALL	486514.8	3674996.61	0.000200178	50000	Formaldehyde	2.04E-09	30YrCancerDerived	*	2.04E-09	INHALATION
1110	ALL	485889.6	3675016.49	0.000118918	50000	Formaldehyde	1.21E-09	30YrCancerDerived	*	1.21E-09	INHALATION
1111	ALL	485910.44	3675016.49	0.000132233	50000	Formaldehyde	1.35E-09	30YrCancerDerived	*	1.35E-09	INHALATION
1112	ALL	485931.28	3675016.49	0.00014202	50000	Formaldehyde	1.45E-09	30YrCancerDerived	*	1.45E-09	INHALATION
1113	ALL	485952.12	3675016.49	0.000150475	50000	Formaldehyde	1.53E-09	30YrCancerDerived	*	1.53E-09	INHALATION
1114	ALL	485972.96	3675016.49	0.000139882	50000	Formaldehyde	1.43E-09	30YrCancerDerived	*	1.43E-09	INHALATION
1115	ALL	485993.8	3675016.49	0.000132574	50000	Formaldehyde	1.35E-09	30YrCancerDerived	*	1.35E-09	INHALATION
1116	ALL	486014.64	3675016.49	0.000129782	50000	Formaldehyde	1.32E-09	30YrCancerDerived	*	1.32E-09	INHALATION
1117	ALL	486035.48	3675016.49	0.000130347	50000	Formaldehyde	1.33E-09	30YrCancerDerived	*	1.33E-09	INHALATION
1118	ALL	486056.32	3675016.49	0.000134063	50000	Formaldehyde	1.37E-09	30YrCancerDerived	*	1.37E-09	INHALATION
1119	ALL	486077.16	3675016.49	0.000139378	50000	Formaldehyde	1.42E-09	30YrCancerDerived	*	1.42E-09	INHALATION
1120	ALL	486098	3675016.49	0.000144357	50000	Formaldehyde	1.47E-09	30YrCancerDerived	*	1.47E-09	INHALATION
1121	ALL	486118.84	3675016.49	0.00014371	50000	Formaldehyde	1.46E-09	30YrCancerDerived	*	1.46E-09	INHALATION
1122	ALL	486139.68	3675016.49	0.000143113	50000	Formaldehyde	1.46E-09	30YrCancerDerived	*	1.46E-09	INHALATION
1123	ALL	486160.52	3675016.49	0.000142951	50000	Formaldehyde	1.46E-09	30YrCancerDerived	*	1.46E-09	INHALATION
1124	ALL	486181.36	3675016.49	0.000140452	50000	Formaldehyde	1.43E-09	30YrCancerDerived	*	1.43E-09	INHALATION
1125	ALL	486202.2	3675016.49	0.000140516	50000	Formaldehyde	1.43E-09	30YrCancerDerived	*	1.43E-09	INHALATION
1126	ALL	486223.04	3675016.49	0.000140474	50000	Formaldehyde	1.43E-09	30YrCancerDerived	*	1.43E-09	INHALATION
1127	ALL	486243.88	3675016.49	0.00014184	50000	Formaldehyde	1.45E-09	30YrCancerDerived	*	1.45E-09	INHALATION
1128	ALL	486264.72	3675016.49	0.000143133	50000	Formaldehyde	1.46E-09	30YrCancerDerived	*	1.46E-09	INHALATION
1129	ALL	486285.56	3675016.49	0.000143723	50000	Formaldehyde	1.46E-09	30YrCancerDerived	*	1.46E-09	INHALATION
1130	ALL	486306.4	3675016.49	0.000146468	50000	Formaldehyde	1.49E-09	30YrCancerDerived	*	1.49E-09	INHALATION
1131	ALL	486327.24	3675016.49	0.00015255	50000	Formaldehyde	1.55E-09	30YrCancerDerived	*	1.55E-09	INHALATION
1132	ALL	486348.08	3675016.49	0.000160262	50000	Formaldehyde	1.63E-09	30YrCancerDerived	*	1.63E-09	INHALATION
1133	ALL	486368.92	3675016.49	0.000169474	50000	Formaldehyde	1.73E-09	30YrCancerDerived	*	1.73E-09	INHALATION
1134	ALL	486389.76	3675016.49	0.000173802	50000	Formaldehyde	1.77E-09	30YrCancerDerived	*	1.77E-09	INHALATION
1135	ALL	486410.6	3675016.49	0.000179564	50000	Formaldehyde	1.83E-09	30YrCancerDerived	*	1.83E-09	INHALATION
1136	ALL	486431.44	3675016.49	0.000192839	50000	Formaldehyde	1.97E-09	30YrCancerDerived	*	1.97E-09	INHALATION
1137	ALL	486452.28	3675016.49	0.000207301	50000	Formaldehyde	2.11E-09	30YrCancerDerived	*	2.11E-09	INHALATION
1138	ALL	486473.12	3675016.49	0.000215878	50000	Formaldehyde	2.20E-09	30YrCancerDerived	*	2.20E-09	INHALATION
1139	ALL	486493.96	3675016.49	0.000221628	50000	Formaldehyde	2.26E-09	30YrCancerDerived	*	2.26E-09	INHALATION

1140 ALL	486514.8	3675016.49	0.000227911	50000	Formaldehyde	2.32E-09	30YrCancerDerived	*	2.32E-09	INHALATION
1141 ALL	485889.6	3675036.37	0.000118389	50000	Formaldehyde	1.21E-09	30YrCancerDerived	*	1.21E-09	INHALATION
1142 ALL	485910.44	3675036.37	0.000131871	50000	Formaldehyde	1.34E-09	30YrCancerDerived	*	1.34E-09	INHALATION
1143 ALL	485931.28	3675036.37	0.00014238	50000	Formaldehyde	1.45E-09	30YrCancerDerived	*	1.45E-09	INHALATION
1144 ALL	485952.12	3675036.37	0.00016246	50000	Formaldehyde	1.66E-09	30YrCancerDerived	*	1.66E-09	INHALATION
1145 ALL	485972.96	3675036.37	0.000146325	50000	Formaldehyde	1.49E-09	30YrCancerDerived	*	1.49E-09	INHALATION
1146 ALL	485993.8	3675036.37	0.000134168	50000	Formaldehyde	1.37E-09	30YrCancerDerived	*	1.37E-09	INHALATION
1147 ALL	486014.64	3675036.37	0.000131403	50000	Formaldehyde	1.34E-09	30YrCancerDerived	*	1.34E-09	INHALATION
1148 ALL	486035.48	3675036.37	0.000129837	50000	Formaldehyde	1.32E-09	30YrCancerDerived	*	1.32E-09	INHALATION
1149 ALL	486056.32	3675036.37	0.000131134	50000	Formaldehyde	1.34E-09	30YrCancerDerived	*	1.34E-09	INHALATION
1150 ALL	486077.16	3675036.37	0.000134538	50000	Formaldehyde	1.37E-09	30YrCancerDerived	*	1.37E-09	INHALATION
1151 ALL	486098	3675036.37	0.000138102	50000	Formaldehyde	1.41E-09	30YrCancerDerived	*	1.41E-09	INHALATION
1152 ALL	486118.84	3675036.37	0.000139252	50000	Formaldehyde	1.42E-09	30YrCancerDerived	*	1.42E-09	INHALATION
1153 ALL	486139.68	3675036.37	0.000138437	50000	Formaldehyde	1.41E-09	30YrCancerDerived	*	1.41E-09	INHALATION
1154 ALL	486160.52	3675036.37	0.000140187	50000	Formaldehyde	1.43E-09	30YrCancerDerived	*	1.43E-09	INHALATION
1155 ALL	486181.36	3675036.37	0.000140401	50000	Formaldehyde	1.43E-09	30YrCancerDerived	*	1.43E-09	INHALATION
1156 ALL	486202.2	3675036.37	0.000139471	50000	Formaldehyde	1.42E-09	30YrCancerDerived	*	1.42E-09	INHALATION
1157 ALL	486223.04	3675036.37	0.000139327	50000	Formaldehyde	1.42E-09	30YrCancerDerived	*	1.42E-09	INHALATION
1158 ALL	486243.88	3675036.37	0.000141241	50000	Formaldehyde	1.44E-09	30YrCancerDerived	*	1.44E-09	INHALATION
1159 ALL	486264.72	3675036.37	0.000143703	50000	Formaldehyde	1.46E-09	30YrCancerDerived	*	1.46E-09	INHALATION
1160 ALL	486285.56	3675036.37	0.000145499	50000	Formaldehyde	1.48E-09	30YrCancerDerived	*	1.48E-09	INHALATION
1161 ALL	486306.4	3675036.37	0.000148065	50000	Formaldehyde	1.51E-09	30YrCancerDerived	*	1.51E-09	INHALATION
1162 ALL	486327.24	3675036.37	0.000154053	50000	Formaldehyde	1.57E-09	30YrCancerDerived	*	1.57E-09	INHALATION
1163 ALL	486348.08	3675036.37	0.000163183	50000	Formaldehyde	1.66E-09	30YrCancerDerived	*	1.66E-09	INHALATION
1164 ALL	486368.92	3675036.37	0.000177309	50000	Formaldehyde	1.81E-09	30YrCancerDerived	*	1.81E-09	INHALATION
1165 ALL	486389.76	3675036.37	0.000190775	50000	Formaldehyde	1.94E-09	30YrCancerDerived	*	1.94E-09	INHALATION
1166 ALL	486410.6	3675036.37	0.000198183	50000	Formaldehyde	2.02E-09	30YrCancerDerived	*	2.02E-09	INHALATION
1167 ALL	486431.44	3675036.37	0.000214285	50000	Formaldehyde	2.18E-09	30YrCancerDerived	*	2.18E-09	INHALATION
1168 ALL	486452.28	3675036.37	0.000227386	50000	Formaldehyde	2.32E-09	30YrCancerDerived	*	2.32E-09	INHALATION
1169 ALL	486473.12	3675036.37	0.000236768	50000	Formaldehyde	2.41E-09	30YrCancerDerived	*	2.41E-09	INHALATION
1170 ALL	486493.96	3675036.37	0.000249196	50000	Formaldehyde	2.54E-09	30YrCancerDerived	*	2.54E-09	INHALATION
1171 ALL	486514.8	3675036.37	0.000259959	50000	Formaldehyde	2.65E-09	30YrCancerDerived	*	2.65E-09	INHALATION
1172 ALL	485889.6	3675056.25	0.000119266	50000	Formaldehyde	1.22E-09	30YrCancerDerived	*	1.22E-09	INHALATION
1173 ALL	485910.44	3675056.25	0.000133232	50000	Formaldehyde	1.36E-09	30YrCancerDerived	*	1.36E-09	INHALATION
1174 ALL	485931.28	3675056.25	0.000151578	50000	Formaldehyde	1.54E-09	30YrCancerDerived	*	1.54E-09	INHALATION

1175	ALL	485952.12	3675056.25	0.000169858	50000	Formaldehyde	1.73E-09	30YrCancerDerived	*	1.73E-09	INHALATION
1176	ALL	485972.96	3675056.25	0.000158633	50000	Formaldehyde	1.62E-09	30YrCancerDerived	*	1.62E-09	INHALATION
1177	ALL	485993.8	3675056.25	0.00014136	50000	Formaldehyde	1.44E-09	30YrCancerDerived	*	1.44E-09	INHALATION
1178	ALL	486014.64	3675056.25	0.000135896	50000	Formaldehyde	1.39E-09	30YrCancerDerived	*	1.39E-09	INHALATION
1179	ALL	486035.48	3675056.25	0.000131409	50000	Formaldehyde	1.34E-09	30YrCancerDerived	*	1.34E-09	INHALATION
1180	ALL	486056.32	3675056.25	0.000131514	50000	Formaldehyde	1.34E-09	30YrCancerDerived	*	1.34E-09	INHALATION
1181	ALL	486077.16	3675056.25	0.000131287	50000	Formaldehyde	1.34E-09	30YrCancerDerived	*	1.34E-09	INHALATION
1182	ALL	486098	3675056.25	0.000132612	50000	Formaldehyde	1.35E-09	30YrCancerDerived	*	1.35E-09	INHALATION
1183	ALL	486118.84	3675056.25	0.000134524	50000	Formaldehyde	1.37E-09	30YrCancerDerived	*	1.37E-09	INHALATION
1184	ALL	486139.68	3675056.25	0.000134125	50000	Formaldehyde	1.37E-09	30YrCancerDerived	*	1.37E-09	INHALATION
1185	ALL	486160.52	3675056.25	0.000134744	50000	Formaldehyde	1.37E-09	30YrCancerDerived	*	1.37E-09	INHALATION
1186	ALL	486181.36	3675056.25	0.000137315	50000	Formaldehyde	1.40E-09	30YrCancerDerived	*	1.40E-09	INHALATION
1187	ALL	486202.2	3675056.25	0.000136788	50000	Formaldehyde	1.39E-09	30YrCancerDerived	*	1.39E-09	INHALATION
1188	ALL	486223.04	3675056.25	0.000137753	50000	Formaldehyde	1.40E-09	30YrCancerDerived	*	1.40E-09	INHALATION
1189	ALL	486243.88	3675056.25	0.000141143	50000	Formaldehyde	1.44E-09	30YrCancerDerived	*	1.44E-09	INHALATION
1190	ALL	486264.72	3675056.25	0.000145309	50000	Formaldehyde	1.48E-09	30YrCancerDerived	*	1.48E-09	INHALATION
1191	ALL	486285.56	3675056.25	0.000149239	50000	Formaldehyde	1.52E-09	30YrCancerDerived	*	1.52E-09	INHALATION
1192	ALL	486306.4	3675056.25	0.000153165	50000	Formaldehyde	1.56E-09	30YrCancerDerived	*	1.56E-09	INHALATION
1193	ALL	486327.24	3675056.25	0.000159208	50000	Formaldehyde	1.62E-09	30YrCancerDerived	*	1.62E-09	INHALATION
1194	ALL	486348.08	3675056.25	0.000172014	50000	Formaldehyde	1.75E-09	30YrCancerDerived	*	1.75E-09	INHALATION
1195	ALL	486368.92	3675056.25	0.000187749	50000	Formaldehyde	1.91E-09	30YrCancerDerived	*	1.91E-09	INHALATION
1196	ALL	486389.76	3675056.25	0.000197855	50000	Formaldehyde	2.02E-09	30YrCancerDerived	*	2.02E-09	INHALATION
1197	ALL	486410.6	3675056.25	0.000204024	50000	Formaldehyde	2.08E-09	30YrCancerDerived	*	2.08E-09	INHALATION
1198	ALL	486431.44	3675056.25	0.000215466	50000	Formaldehyde	2.20E-09	30YrCancerDerived	*	2.20E-09	INHALATION
1199	ALL	486452.28	3675056.25	0.00022559	50000	Formaldehyde	2.30E-09	30YrCancerDerived	*	2.30E-09	INHALATION
1200	ALL	486473.12	3675056.25	0.000236382	50000	Formaldehyde	2.41E-09	30YrCancerDerived	*	2.41E-09	INHALATION
1201	ALL	486493.96	3675056.25	0.000254872	50000	Formaldehyde	2.60E-09	30YrCancerDerived	*	2.60E-09	INHALATION
1202	ALL	486514.8	3675056.25	0.000275403	50000	Formaldehyde	2.81E-09	30YrCancerDerived	*	2.81E-09	INHALATION
1203	ALL	485889.6	3675076.13	0.000120854	50000	Formaldehyde	1.23E-09	30YrCancerDerived	*	1.23E-09	INHALATION
1204	ALL	485910.44	3675076.13	0.000133599	50000	Formaldehyde	1.36E-09	30YrCancerDerived	*	1.36E-09	INHALATION
1205	ALL	485931.28	3675076.13	0.000155013	50000	Formaldehyde	1.58E-09	30YrCancerDerived	*	1.58E-09	INHALATION
1206	ALL	485952.12	3675076.13	0.000177012	50000	Formaldehyde	1.80E-09	30YrCancerDerived	*	1.80E-09	INHALATION
1207	ALL	485972.96	3675076.13	0.000155747	50000	Formaldehyde	1.59E-09	30YrCancerDerived	*	1.59E-09	INHALATION
1208	ALL	485993.8	3675076.13	0.00013738	50000	Formaldehyde	1.40E-09	30YrCancerDerived	*	1.40E-09	INHALATION
1209	ALL	486014.64	3675076.13	0.000133175	50000	Formaldehyde	1.36E-09	30YrCancerDerived	*	1.36E-09	INHALATION

1210	ALL	486035.48	3675076.13	0.00013273	50000	Formaldehyde	1.35E-09	30YrCancerDerived	*	1.35E-09	INHALATION
1211	ALL	486056.32	3675076.13	0.000132051	50000	Formaldehyde	1.35E-09	30YrCancerDerived	*	1.35E-09	INHALATION
1212	ALL	486077.16	3675076.13	0.000131055	50000	Formaldehyde	1.34E-09	30YrCancerDerived	*	1.34E-09	INHALATION
1213	ALL	486098	3675076.13	0.000129034	50000	Formaldehyde	1.32E-09	30YrCancerDerived	*	1.32E-09	INHALATION
1214	ALL	486118.84	3675076.13	0.000129565	50000	Formaldehyde	1.32E-09	30YrCancerDerived	*	1.32E-09	INHALATION
1215	ALL	486139.68	3675076.13	0.000130075	50000	Formaldehyde	1.33E-09	30YrCancerDerived	*	1.33E-09	INHALATION
1216	ALL	486160.52	3675076.13	0.000129623	50000	Formaldehyde	1.32E-09	30YrCancerDerived	*	1.32E-09	INHALATION
1217	ALL	486181.36	3675076.13	0.000131581	50000	Formaldehyde	1.34E-09	30YrCancerDerived	*	1.34E-09	INHALATION
1218	ALL	486202.2	3675076.13	0.000134105	50000	Formaldehyde	1.37E-09	30YrCancerDerived	*	1.37E-09	INHALATION
1219	ALL	486223.04	3675076.13	0.000136717	50000	Formaldehyde	1.39E-09	30YrCancerDerived	*	1.39E-09	INHALATION
1220	ALL	486243.88	3675076.13	0.000141256	50000	Formaldehyde	1.44E-09	30YrCancerDerived	*	1.44E-09	INHALATION
1221	ALL	486264.72	3675076.13	0.000146596	50000	Formaldehyde	1.49E-09	30YrCancerDerived	*	1.49E-09	INHALATION
1222	ALL	486285.56	3675076.13	0.00015295	50000	Formaldehyde	1.56E-09	30YrCancerDerived	*	1.56E-09	INHALATION
1223	ALL	486306.4	3675076.13	0.00016039	50000	Formaldehyde	1.63E-09	30YrCancerDerived	*	1.63E-09	INHALATION
1224	ALL	486327.24	3675076.13	0.000167889	50000	Formaldehyde	1.71E-09	30YrCancerDerived	*	1.71E-09	INHALATION
1225	ALL	486348.08	3675076.13	0.000177413	50000	Formaldehyde	1.81E-09	30YrCancerDerived	*	1.81E-09	INHALATION
1226	ALL	486368.92	3675076.13	0.00018107	50000	Formaldehyde	1.85E-09	30YrCancerDerived	*	1.85E-09	INHALATION
1227	ALL	486389.76	3675076.13	0.000185528	50000	Formaldehyde	1.89E-09	30YrCancerDerived	*	1.89E-09	INHALATION
1228	ALL	486410.6	3675076.13	0.000190877	50000	Formaldehyde	1.95E-09	30YrCancerDerived	*	1.95E-09	INHALATION
1229	ALL	486431.44	3675076.13	0.00019809	50000	Formaldehyde	2.02E-09	30YrCancerDerived	*	2.02E-09	INHALATION
1230	ALL	486452.28	3675076.13	0.000206887	50000	Formaldehyde	2.11E-09	30YrCancerDerived	*	2.11E-09	INHALATION
1231	ALL	486473.12	3675076.13	0.000217004	50000	Formaldehyde	2.21E-09	30YrCancerDerived	*	2.21E-09	INHALATION
1232	ALL	486493.96	3675076.13	0.00023042	50000	Formaldehyde	2.35E-09	30YrCancerDerived	*	2.35E-09	INHALATION
1233	ALL	486514.8	3675076.13	0.000247904	50000	Formaldehyde	2.53E-09	30YrCancerDerived	*	2.53E-09	INHALATION
1234	ALL	485889.6	3675096.01	0.000120367	50000	Formaldehyde	1.23E-09	30YrCancerDerived	*	1.23E-09	INHALATION
1235	ALL	485910.44	3675096.01	0.000135205	50000	Formaldehyde	1.38E-09	30YrCancerDerived	*	1.38E-09	INHALATION
1236	ALL	485931.28	3675096.01	0.00016379	50000	Formaldehyde	1.67E-09	30YrCancerDerived	*	1.67E-09	INHALATION
1237	ALL	485952.12	3675096.01	0.000193958	50000	Formaldehyde	1.98E-09	30YrCancerDerived	*	1.98E-09	INHALATION
1238	ALL	485972.96	3675096.01	0.000163868	50000	Formaldehyde	1.67E-09	30YrCancerDerived	*	1.67E-09	INHALATION
1239	ALL	485993.8	3675096.01	0.00013913	50000	Formaldehyde	1.42E-09	30YrCancerDerived	*	1.42E-09	INHALATION
1240	ALL	486014.64	3675096.01	0.000133458	50000	Formaldehyde	1.36E-09	30YrCancerDerived	*	1.36E-09	INHALATION
1241	ALL	486035.48	3675096.01	0.000134835	50000	Formaldehyde	1.37E-09	30YrCancerDerived	*	1.37E-09	INHALATION
1242	ALL	486056.32	3675096.01	0.000136643	50000	Formaldehyde	1.39E-09	30YrCancerDerived	*	1.39E-09	INHALATION
1243	ALL	486077.16	3675096.01	0.000136897	50000	Formaldehyde	1.40E-09	30YrCancerDerived	*	1.40E-09	INHALATION
1244	ALL	486098	3675096.01	0.000132529	50000	Formaldehyde	1.35E-09	30YrCancerDerived	*	1.35E-09	INHALATION

1245	ALL	486118.84	3675096.01	0.00012759	50000	Formaldehyde	1.30E-09	30YrCancerDerived	*	1.30E-09	INHALATION
1246	ALL	486139.68	3675096.01	0.000126566	50000	Formaldehyde	1.29E-09	30YrCancerDerived	*	1.29E-09	INHALATION
1247	ALL	486160.52	3675096.01	0.000126457	50000	Formaldehyde	1.29E-09	30YrCancerDerived	*	1.29E-09	INHALATION
1248	ALL	486181.36	3675096.01	0.000128439	50000	Formaldehyde	1.31E-09	30YrCancerDerived	*	1.31E-09	INHALATION
1249	ALL	486202.2	3675096.01	0.000131482	50000	Formaldehyde	1.34E-09	30YrCancerDerived	*	1.34E-09	INHALATION
1250	ALL	486223.04	3675096.01	0.000136024	50000	Formaldehyde	1.39E-09	30YrCancerDerived	*	1.39E-09	INHALATION
1251	ALL	486243.88	3675096.01	0.000141661	50000	Formaldehyde	1.44E-09	30YrCancerDerived	*	1.44E-09	INHALATION
1252	ALL	486264.72	3675096.01	0.00014814	50000	Formaldehyde	1.51E-09	30YrCancerDerived	*	1.51E-09	INHALATION
1253	ALL	486285.56	3675096.01	0.00015572	50000	Formaldehyde	1.59E-09	30YrCancerDerived	*	1.59E-09	INHALATION
1254	ALL	486306.4	3675096.01	0.000163832	50000	Formaldehyde	1.67E-09	30YrCancerDerived	*	1.67E-09	INHALATION
1255	ALL	486327.24	3675096.01	0.000166229	50000	Formaldehyde	1.69E-09	30YrCancerDerived	*	1.69E-09	INHALATION
1256	ALL	486348.08	3675096.01	0.000167241	50000	Formaldehyde	1.70E-09	30YrCancerDerived	*	1.70E-09	INHALATION
1257	ALL	486368.92	3675096.01	0.000169138	50000	Formaldehyde	1.72E-09	30YrCancerDerived	*	1.72E-09	INHALATION
1258	ALL	486389.76	3675096.01	0.000172289	50000	Formaldehyde	1.76E-09	30YrCancerDerived	*	1.76E-09	INHALATION
1259	ALL	486410.6	3675096.01	0.000176016	50000	Formaldehyde	1.79E-09	30YrCancerDerived	*	1.79E-09	INHALATION
1260	ALL	486431.44	3675096.01	0.000180892	50000	Formaldehyde	1.84E-09	30YrCancerDerived	*	1.84E-09	INHALATION
1261	ALL	486452.28	3675096.01	0.000188644	50000	Formaldehyde	1.92E-09	30YrCancerDerived	*	1.92E-09	INHALATION
1262	ALL	486473.12	3675096.01	0.000197432	50000	Formaldehyde	2.01E-09	30YrCancerDerived	*	2.01E-09	INHALATION
1263	ALL	486493.96	3675096.01	0.000208208	50000	Formaldehyde	2.12E-09	30YrCancerDerived	*	2.12E-09	INHALATION
1264	ALL	486514.8	3675096.01	0.000222807	50000	Formaldehyde	2.27E-09	30YrCancerDerived	*	2.27E-09	INHALATION
1265	ALL	485889.6	3675115.89	0.000123691	50000	Formaldehyde	1.26E-09	30YrCancerDerived	*	1.26E-09	INHALATION
1266	ALL	485910.44	3675115.89	0.0001354	50000	Formaldehyde	1.38E-09	30YrCancerDerived	*	1.38E-09	INHALATION
1267	ALL	485931.28	3675115.89	0.000160965	50000	Formaldehyde	1.64E-09	30YrCancerDerived	*	1.64E-09	INHALATION
1268	ALL	485952.12	3675115.89	0.000215269	50000	Formaldehyde	2.19E-09	30YrCancerDerived	*	2.19E-09	INHALATION
1269	ALL	485972.96	3675115.89	0.000199974	50000	Formaldehyde	2.04E-09	30YrCancerDerived	*	2.04E-09	INHALATION
1270	ALL	485993.8	3675115.89	0.000162765	50000	Formaldehyde	1.66E-09	30YrCancerDerived	*	1.66E-09	INHALATION
1271	ALL	486014.64	3675115.89	0.000149659	50000	Formaldehyde	1.53E-09	30YrCancerDerived	*	1.53E-09	INHALATION
1272	ALL	486035.48	3675115.89	0.000146579	50000	Formaldehyde	1.49E-09	30YrCancerDerived	*	1.49E-09	INHALATION
1273	ALL	486056.32	3675115.89	0.000146918	50000	Formaldehyde	1.50E-09	30YrCancerDerived	*	1.50E-09	INHALATION
1274	ALL	486077.16	3675115.89	0.000144245	50000	Formaldehyde	1.47E-09	30YrCancerDerived	*	1.47E-09	INHALATION
1275	ALL	486098	3675115.89	0.00013661	50000	Formaldehyde	1.39E-09	30YrCancerDerived	*	1.39E-09	INHALATION
1276	ALL	486118.84	3675115.89	0.000129619	50000	Formaldehyde	1.32E-09	30YrCancerDerived	*	1.32E-09	INHALATION
1277	ALL	486139.68	3675115.89	0.000126634	50000	Formaldehyde	1.29E-09	30YrCancerDerived	*	1.29E-09	INHALATION
1278	ALL	486160.52	3675115.89	0.000126353	50000	Formaldehyde	1.29E-09	30YrCancerDerived	*	1.29E-09	INHALATION
1279	ALL	486181.36	3675115.89	0.000127471	50000	Formaldehyde	1.30E-09	30YrCancerDerived	*	1.30E-09	INHALATION

1280 ALL	486202.2	3675115.89	0.000130647	50000	Formaldehyde	1.33E-09	30YrCancerDerived	*	1.33E-09	INHALATION
1281 ALL	486223.04	3675115.89	0.000136853	50000	Formaldehyde	1.39E-09	30YrCancerDerived	*	1.39E-09	INHALATION
1282 ALL	486243.88	3675115.89	0.000142508	50000	Formaldehyde	1.45E-09	30YrCancerDerived	*	1.45E-09	INHALATION
1283 ALL	486264.72	3675115.89	0.000147821	50000	Formaldehyde	1.51E-09	30YrCancerDerived	*	1.51E-09	INHALATION
1284 ALL	486285.56	3675115.89	0.000151393	50000	Formaldehyde	1.54E-09	30YrCancerDerived	*	1.54E-09	INHALATION
1285 ALL	486306.4	3675115.89	0.000156355	50000	Formaldehyde	1.59E-09	30YrCancerDerived	*	1.59E-09	INHALATION
1286 ALL	486327.24	3675115.89	0.000158261	50000	Formaldehyde	1.61E-09	30YrCancerDerived	*	1.61E-09	INHALATION
1287 ALL	486348.08	3675115.89	0.000158504	50000	Formaldehyde	1.62E-09	30YrCancerDerived	*	1.62E-09	INHALATION
1288 ALL	486368.92	3675115.89	0.000158914	50000	Formaldehyde	1.62E-09	30YrCancerDerived	*	1.62E-09	INHALATION
1289 ALL	486389.76	3675115.89	0.000160891	50000	Formaldehyde	1.64E-09	30YrCancerDerived	*	1.64E-09	INHALATION
1290 ALL	486410.6	3675115.89	0.000163781	50000	Formaldehyde	1.67E-09	30YrCancerDerived	*	1.67E-09	INHALATION
1291 ALL	486431.44	3675115.89	0.000169106	50000	Formaldehyde	1.72E-09	30YrCancerDerived	*	1.72E-09	INHALATION
1292 ALL	486452.28	3675115.89	0.000175877	50000	Formaldehyde	1.79E-09	30YrCancerDerived	*	1.79E-09	INHALATION
1293 ALL	486473.12	3675115.89	0.000183839	50000	Formaldehyde	1.87E-09	30YrCancerDerived	*	1.87E-09	INHALATION
1294 ALL	486493.96	3675115.89	0.000195194	50000	Formaldehyde	1.99E-09	30YrCancerDerived	*	1.99E-09	INHALATION
1295 ALL	486514.8	3675115.89	0.000209231	50000	Formaldehyde	2.13E-09	30YrCancerDerived	*	2.13E-09	INHALATION
1296 ALL	485889.6	3675135.77	0.000121747	50000	Formaldehyde	1.24E-09	30YrCancerDerived	*	1.24E-09	INHALATION
1297 ALL	485910.44	3675135.77	0.000143119	50000	Formaldehyde	1.46E-09	30YrCancerDerived	*	1.46E-09	INHALATION
1298 ALL	485931.28	3675135.77	0.000171259	50000	Formaldehyde	1.75E-09	30YrCancerDerived	*	1.75E-09	INHALATION
1299 ALL	485952.12	3675135.77	0.000214156	50000	Formaldehyde	2.18E-09	30YrCancerDerived	*	2.18E-09	INHALATION
1300 ALL	485972.96	3675135.77	0.000277351	50000	Formaldehyde	2.83E-09	30YrCancerDerived	*	2.83E-09	INHALATION
1301 ALL	485993.8	3675135.77	0.000227482	50000	Formaldehyde	2.32E-09	30YrCancerDerived	*	2.32E-09	INHALATION
1302 ALL	486014.64	3675135.77	0.000193889	50000	Formaldehyde	1.98E-09	30YrCancerDerived	*	1.98E-09	INHALATION
1303 ALL	486035.48	3675135.77	0.000170431	50000	Formaldehyde	1.74E-09	30YrCancerDerived	*	1.74E-09	INHALATION
1304 ALL	486056.32	3675135.77	0.000154004	50000	Formaldehyde	1.57E-09	30YrCancerDerived	*	1.57E-09	INHALATION
1305 ALL	486077.16	3675135.77	0.000144088	50000	Formaldehyde	1.47E-09	30YrCancerDerived	*	1.47E-09	INHALATION
1306 ALL	486098	3675135.77	0.000134315	50000	Formaldehyde	1.37E-09	30YrCancerDerived	*	1.37E-09	INHALATION
1307 ALL	486118.84	3675135.77	0.000127511	50000	Formaldehyde	1.30E-09	30YrCancerDerived	*	1.30E-09	INHALATION
1308 ALL	486139.68	3675135.77	0.000125431	50000	Formaldehyde	1.28E-09	30YrCancerDerived	*	1.28E-09	INHALATION
1309 ALL	486160.52	3675135.77	0.000125567	50000	Formaldehyde	1.28E-09	30YrCancerDerived	*	1.28E-09	INHALATION
1310 ALL	486181.36	3675135.77	0.000126873	50000	Formaldehyde	1.29E-09	30YrCancerDerived	*	1.29E-09	INHALATION
1311 ALL	486202.2	3675135.77	0.000129932	50000	Formaldehyde	1.32E-09	30YrCancerDerived	*	1.32E-09	INHALATION
1312 ALL	486223.04	3675135.77	0.000136306	50000	Formaldehyde	1.39E-09	30YrCancerDerived	*	1.39E-09	INHALATION
1313 ALL	486243.88	3675135.77	0.000140129	50000	Formaldehyde	1.43E-09	30YrCancerDerived	*	1.43E-09	INHALATION
1314 ALL	486264.72	3675135.77	0.000141727	50000	Formaldehyde	1.44E-09	30YrCancerDerived	*	1.44E-09	INHALATION

1315 ALL	486285.56	3675135.77	0.000144607	50000	Formaldehyde	1.47E-09	30YrCancerDerived	*	1.47E-09	INHALATION
1316 ALL	486306.4	3675135.77	0.000149049	50000	Formaldehyde	1.52E-09	30YrCancerDerived	*	1.52E-09	INHALATION
1317 ALL	486327.24	3675135.77	0.000151421	50000	Formaldehyde	1.54E-09	30YrCancerDerived	*	1.54E-09	INHALATION
1318 ALL	486348.08	3675135.77	0.000151094	50000	Formaldehyde	1.54E-09	30YrCancerDerived	*	1.54E-09	INHALATION
1319 ALL	486368.92	3675135.77	0.000151347	50000	Formaldehyde	1.54E-09	30YrCancerDerived	*	1.54E-09	INHALATION
1320 ALL	486389.76	3675135.77	0.000153201	50000	Formaldehyde	1.56E-09	30YrCancerDerived	*	1.56E-09	INHALATION
1321 ALL	486410.6	3675135.77	0.000156871	50000	Formaldehyde	1.60E-09	30YrCancerDerived	*	1.60E-09	INHALATION
1322 ALL	486431.44	3675135.77	0.000163541	50000	Formaldehyde	1.67E-09	30YrCancerDerived	*	1.67E-09	INHALATION
1323 ALL	486452.28	3675135.77	0.000171149	50000	Formaldehyde	1.74E-09	30YrCancerDerived	*	1.74E-09	INHALATION
1324 ALL	486473.12	3675135.77	0.000182026	50000	Formaldehyde	1.86E-09	30YrCancerDerived	*	1.86E-09	INHALATION
1325 ALL	486493.96	3675135.77	0.000193189	50000	Formaldehyde	1.97E-09	30YrCancerDerived	*	1.97E-09	INHALATION
1326 ALL	486514.8	3675135.77	0.000209647	50000	Formaldehyde	2.14E-09	30YrCancerDerived	*	2.14E-09	INHALATION
1327 ALL	486035.48	3675155.65	0.000173842	50000	Formaldehyde	1.77E-09	30YrCancerDerived	*	1.77E-09	INHALATION
1328 ALL	486056.32	3675155.65	0.00015441	50000	Formaldehyde	1.57E-09	30YrCancerDerived	*	1.57E-09	INHALATION
1329 ALL	486077.16	3675155.65	0.000144694	50000	Formaldehyde	1.47E-09	30YrCancerDerived	*	1.47E-09	INHALATION
1330 ALL	486098	3675155.65	0.000135139	50000	Formaldehyde	1.38E-09	30YrCancerDerived	*	1.38E-09	INHALATION
1331 ALL	486118.84	3675155.65	0.000128959	50000	Formaldehyde	1.31E-09	30YrCancerDerived	*	1.31E-09	INHALATION
1332 ALL	486139.68	3675155.65	0.000126571	50000	Formaldehyde	1.29E-09	30YrCancerDerived	*	1.29E-09	INHALATION
1333 ALL	486160.52	3675155.65	0.000126016	50000	Formaldehyde	1.28E-09	30YrCancerDerived	*	1.28E-09	INHALATION
1334 ALL	486181.36	3675155.65	0.000126694	50000	Formaldehyde	1.29E-09	30YrCancerDerived	*	1.29E-09	INHALATION
1335 ALL	486202.2	3675155.65	0.000128198	50000	Formaldehyde	1.31E-09	30YrCancerDerived	*	1.31E-09	INHALATION
1336 ALL	486223.04	3675155.65	0.000131635	50000	Formaldehyde	1.34E-09	30YrCancerDerived	*	1.34E-09	INHALATION
1337 ALL	486243.88	3675155.65	0.00013513	50000	Formaldehyde	1.38E-09	30YrCancerDerived	*	1.38E-09	INHALATION
1338 ALL	486264.72	3675155.65	0.000136151	50000	Formaldehyde	1.39E-09	30YrCancerDerived	*	1.39E-09	INHALATION
1339 ALL	486285.56	3675155.65	0.000138782	50000	Formaldehyde	1.41E-09	30YrCancerDerived	*	1.41E-09	INHALATION
1340 ALL	486306.4	3675155.65	0.000143799	50000	Formaldehyde	1.47E-09	30YrCancerDerived	*	1.47E-09	INHALATION
1341 ALL	486327.24	3675155.65	0.000147494	50000	Formaldehyde	1.50E-09	30YrCancerDerived	*	1.50E-09	INHALATION
1342 ALL	486348.08	3675155.65	0.00014782	50000	Formaldehyde	1.51E-09	30YrCancerDerived	*	1.51E-09	INHALATION
1343 ALL	486368.92	3675155.65	0.000148785	50000	Formaldehyde	1.52E-09	30YrCancerDerived	*	1.52E-09	INHALATION
1344 ALL	486389.76	3675155.65	0.000150751	50000	Formaldehyde	1.54E-09	30YrCancerDerived	*	1.54E-09	INHALATION
1345 ALL	486410.6	3675155.65	0.000156435	50000	Formaldehyde	1.59E-09	30YrCancerDerived	*	1.59E-09	INHALATION
1346 ALL	486431.44	3675155.65	0.000165027	50000	Formaldehyde	1.68E-09	30YrCancerDerived	*	1.68E-09	INHALATION
1347 ALL	486452.28	3675155.65	0.000174464	50000	Formaldehyde	1.78E-09	30YrCancerDerived	*	1.78E-09	INHALATION
1348 ALL	486473.12	3675155.65	0.000185237	50000	Formaldehyde	1.89E-09	30YrCancerDerived	*	1.89E-09	INHALATION
1349 ALL	486493.96	3675155.65	0.000195745	50000	Formaldehyde	0.000000002	30YrCancerDerived	*	0.000000002	INHALATION

1350 ALL	486514.8	3675155.65	0.000216328	50000	Formaldehyde	2.20E-09	30YrCancerDerived	*	2.20E-09	INHALATION
1351 ALL	486077.16	3675175.53	0.000150215	50000	Formaldehyde	1.53E-09	30YrCancerDerived	*	1.53E-09	INHALATION
1352 ALL	486098	3675175.53	0.00013878	50000	Formaldehyde	1.41E-09	30YrCancerDerived	*	1.41E-09	INHALATION
1353 ALL	486118.84	3675175.53	0.000131629	50000	Formaldehyde	1.34E-09	30YrCancerDerived	*	1.34E-09	INHALATION
1354 ALL	486139.68	3675175.53	0.000128806	50000	Formaldehyde	1.31E-09	30YrCancerDerived	*	1.31E-09	INHALATION
1355 ALL	486160.52	3675175.53	0.000125595	50000	Formaldehyde	1.28E-09	30YrCancerDerived	*	1.28E-09	INHALATION
1356 ALL	486181.36	3675175.53	0.000125781	50000	Formaldehyde	1.28E-09	30YrCancerDerived	*	1.28E-09	INHALATION
1357 ALL	486202.2	3675175.53	0.000126081	50000	Formaldehyde	1.29E-09	30YrCancerDerived	*	1.29E-09	INHALATION
1358 ALL	486223.04	3675175.53	0.000128393	50000	Formaldehyde	1.31E-09	30YrCancerDerived	*	1.31E-09	INHALATION
1359 ALL	486243.88	3675175.53	0.000130921	50000	Formaldehyde	1.33E-09	30YrCancerDerived	*	1.33E-09	INHALATION
1360 ALL	486264.72	3675175.53	0.000132326	50000	Formaldehyde	1.35E-09	30YrCancerDerived	*	1.35E-09	INHALATION
1361 ALL	486285.56	3675175.53	0.000135522	50000	Formaldehyde	1.38E-09	30YrCancerDerived	*	1.38E-09	INHALATION
1362 ALL	486306.4	3675175.53	0.000140508	50000	Formaldehyde	1.43E-09	30YrCancerDerived	*	1.43E-09	INHALATION
1363 ALL	486327.24	3675175.53	0.00014437	50000	Formaldehyde	1.47E-09	30YrCancerDerived	*	1.47E-09	INHALATION
1364 ALL	486348.08	3675175.53	0.000146455	50000	Formaldehyde	1.49E-09	30YrCancerDerived	*	1.49E-09	INHALATION
1365 ALL	486368.92	3675175.53	0.000149371	50000	Formaldehyde	1.52E-09	30YrCancerDerived	*	1.52E-09	INHALATION
1366 ALL	486389.76	3675175.53	0.000153483	50000	Formaldehyde	1.56E-09	30YrCancerDerived	*	1.56E-09	INHALATION
1367 ALL	486410.6	3675175.53	0.000160187	50000	Formaldehyde	1.63E-09	30YrCancerDerived	*	1.63E-09	INHALATION
1368 ALL	486431.44	3675175.53	0.000169318	50000	Formaldehyde	1.73E-09	30YrCancerDerived	*	1.73E-09	INHALATION
1369 ALL	486452.28	3675175.53	0.000179089	50000	Formaldehyde	1.83E-09	30YrCancerDerived	*	1.83E-09	INHALATION
1370 ALL	486473.12	3675175.53	0.00019055	50000	Formaldehyde	1.94E-09	30YrCancerDerived	*	1.94E-09	INHALATION
1371 ALL	486493.96	3675175.53	0.000203649	50000	Formaldehyde	2.08E-09	30YrCancerDerived	*	2.08E-09	INHALATION
1372 ALL	486514.8	3675175.53	0.000225626	50000	Formaldehyde	2.30E-09	30YrCancerDerived	*	2.30E-09	INHALATION
1373 ALL	486098	3675195.41	0.000137065	50000	Formaldehyde	1.40E-09	30YrCancerDerived	*	1.40E-09	INHALATION
1374 ALL	486118.84	3675195.41	0.000130563	50000	Formaldehyde	1.33E-09	30YrCancerDerived	*	1.33E-09	INHALATION
1375 ALL	486139.68	3675195.41	0.000126784	50000	Formaldehyde	1.29E-09	30YrCancerDerived	*	1.29E-09	INHALATION
1376 ALL	486160.52	3675195.41	0.000124574	50000	Formaldehyde	1.27E-09	30YrCancerDerived	*	1.27E-09	INHALATION
1377 ALL	486181.36	3675195.41	0.000124443	50000	Formaldehyde	1.27E-09	30YrCancerDerived	*	1.27E-09	INHALATION
1378 ALL	486202.2	3675195.41	0.000124735	50000	Formaldehyde	1.27E-09	30YrCancerDerived	*	1.27E-09	INHALATION
1379 ALL	486223.04	3675195.41	0.000124903	50000	Formaldehyde	1.27E-09	30YrCancerDerived	*	1.27E-09	INHALATION
1380 ALL	486243.88	3675195.41	0.000126539	50000	Formaldehyde	1.29E-09	30YrCancerDerived	*	1.29E-09	INHALATION
1381 ALL	486264.72	3675195.41	0.000129344	50000	Formaldehyde	1.32E-09	30YrCancerDerived	*	1.32E-09	INHALATION
1382 ALL	486285.56	3675195.41	0.000134093	50000	Formaldehyde	1.37E-09	30YrCancerDerived	*	1.37E-09	INHALATION
1383 ALL	486306.4	3675195.41	0.00013884	50000	Formaldehyde	1.42E-09	30YrCancerDerived	*	1.42E-09	INHALATION
1384 ALL	486327.24	3675195.41	0.000143072	50000	Formaldehyde	1.46E-09	30YrCancerDerived	*	1.46E-09	INHALATION

1385	ALL	486348.08	3675195.41	0.000146739	50000	Formaldehyde	1.50E-09	30YrCancerDerived	*	1.50E-09	INHALATION
1386	ALL	486368.92	3675195.41	0.000151005	50000	Formaldehyde	1.54E-09	30YrCancerDerived	*	1.54E-09	INHALATION
1387	ALL	486389.76	3675195.41	0.000156463	50000	Formaldehyde	1.59E-09	30YrCancerDerived	*	1.59E-09	INHALATION
1388	ALL	486410.6	3675195.41	0.000164507	50000	Formaldehyde	1.68E-09	30YrCancerDerived	*	1.68E-09	INHALATION
1389	ALL	486431.44	3675195.41	0.000174018	50000	Formaldehyde	1.77E-09	30YrCancerDerived	*	1.77E-09	INHALATION
1390	ALL	486452.28	3675195.41	0.00018613	50000	Formaldehyde	1.90E-09	30YrCancerDerived	*	1.90E-09	INHALATION
1391	ALL	486473.12	3675195.41	0.000199806	50000	Formaldehyde	2.04E-09	30YrCancerDerived	*	2.04E-09	INHALATION
1392	ALL	486493.96	3675195.41	0.000219804	50000	Formaldehyde	2.24E-09	30YrCancerDerived	*	2.24E-09	INHALATION
1393	ALL	486514.8	3675195.41	0.000251703	50000	Formaldehyde	2.57E-09	30YrCancerDerived	*	2.57E-09	INHALATION
1394	ALL	486098	3675215.29	0.00013704	50000	Formaldehyde	1.40E-09	30YrCancerDerived	*	1.40E-09	INHALATION
1395	ALL	486118.84	3675215.29	0.000128007	50000	Formaldehyde	1.30E-09	30YrCancerDerived	*	1.30E-09	INHALATION
1396	ALL	486139.68	3675215.29	0.000122411	50000	Formaldehyde	1.25E-09	30YrCancerDerived	*	1.25E-09	INHALATION
1397	ALL	486160.52	3675215.29	0.000121124	50000	Formaldehyde	1.23E-09	30YrCancerDerived	*	1.23E-09	INHALATION
1398	ALL	486181.36	3675215.29	0.000122154	50000	Formaldehyde	1.24E-09	30YrCancerDerived	*	1.24E-09	INHALATION
1399	ALL	486202.2	3675215.29	0.000122893	50000	Formaldehyde	1.25E-09	30YrCancerDerived	*	1.25E-09	INHALATION
1400	ALL	486223.04	3675215.29	0.000123391	50000	Formaldehyde	1.26E-09	30YrCancerDerived	*	1.26E-09	INHALATION
1401	ALL	486243.88	3675215.29	0.000126071	50000	Formaldehyde	1.28E-09	30YrCancerDerived	*	1.28E-09	INHALATION
1402	ALL	486264.72	3675215.29	0.000129762	50000	Formaldehyde	1.32E-09	30YrCancerDerived	*	1.32E-09	INHALATION
1403	ALL	486285.56	3675215.29	0.000134276	50000	Formaldehyde	1.37E-09	30YrCancerDerived	*	1.37E-09	INHALATION
1404	ALL	486306.4	3675215.29	0.000139253	50000	Formaldehyde	1.42E-09	30YrCancerDerived	*	1.42E-09	INHALATION
1405	ALL	486327.24	3675215.29	0.000144402	50000	Formaldehyde	1.47E-09	30YrCancerDerived	*	1.47E-09	INHALATION
1406	ALL	486348.08	3675215.29	0.000148974	50000	Formaldehyde	1.52E-09	30YrCancerDerived	*	1.52E-09	INHALATION
1407	ALL	486368.92	3675215.29	0.000154181	50000	Formaldehyde	1.57E-09	30YrCancerDerived	*	1.57E-09	INHALATION
1408	ALL	486389.76	3675215.29	0.000160951	50000	Formaldehyde	1.64E-09	30YrCancerDerived	*	1.64E-09	INHALATION
1409	ALL	486410.6	3675215.29	0.000170068	50000	Formaldehyde	1.73E-09	30YrCancerDerived	*	1.73E-09	INHALATION
1410	ALL	486431.44	3675215.29	0.000182605	50000	Formaldehyde	1.86E-09	30YrCancerDerived	*	1.86E-09	INHALATION
1411	ALL	486452.28	3675215.29	0.000195735	50000	Formaldehyde	1.99E-09	30YrCancerDerived	*	1.99E-09	INHALATION
1412	ALL	486473.12	3675215.29	0.000212944	50000	Formaldehyde	2.17E-09	30YrCancerDerived	*	2.17E-09	INHALATION
1413	ALL	486493.96	3675215.29	0.000242839	50000	Formaldehyde	2.47E-09	30YrCancerDerived	*	2.47E-09	INHALATION
1414	ALL	486514.8	3675215.29	0.000285969	50000	Formaldehyde	2.91E-09	30YrCancerDerived	*	2.91E-09	INHALATION
1415	ALL	486118.84	3675235.17	0.000126828	50000	Formaldehyde	1.29E-09	30YrCancerDerived	*	1.29E-09	INHALATION
1416	ALL	486139.68	3675235.17	0.000122911	50000	Formaldehyde	1.25E-09	30YrCancerDerived	*	1.25E-09	INHALATION
1417	ALL	486160.52	3675235.17	0.000120886	50000	Formaldehyde	1.23E-09	30YrCancerDerived	*	1.23E-09	INHALATION
1418	ALL	486181.36	3675235.17	0.000120567	50000	Formaldehyde	1.23E-09	30YrCancerDerived	*	1.23E-09	INHALATION
1419	ALL	486202.2	3675235.17	0.000121308	50000	Formaldehyde	1.24E-09	30YrCancerDerived	*	1.24E-09	INHALATION

1420 ALL	486223.04	3675235.17	0.000123792	50000	Formaldehyde	1.26E-09	30YrCancerDerived	*	1.26E-09	INHALATION
1421 ALL	486243.88	3675235.17	0.000127684	50000	Formaldehyde	1.30E-09	30YrCancerDerived	*	1.30E-09	INHALATION
1422 ALL	486264.72	3675235.17	0.000131207	50000	Formaldehyde	1.34E-09	30YrCancerDerived	*	1.34E-09	INHALATION
1423 ALL	486285.56	3675235.17	0.000135135	50000	Formaldehyde	1.38E-09	30YrCancerDerived	*	1.38E-09	INHALATION
1424 ALL	486306.4	3675235.17	0.000140679	50000	Formaldehyde	1.43E-09	30YrCancerDerived	*	1.43E-09	INHALATION
1425 ALL	486327.24	3675235.17	0.000147052	50000	Formaldehyde	1.50E-09	30YrCancerDerived	*	1.50E-09	INHALATION
1426 ALL	486348.08	3675235.17	0.000152834	50000	Formaldehyde	1.56E-09	30YrCancerDerived	*	1.56E-09	INHALATION
1427 ALL	486368.92	3675235.17	0.000159068	50000	Formaldehyde	1.62E-09	30YrCancerDerived	*	1.62E-09	INHALATION
1428 ALL	486389.76	3675235.17	0.000168142	50000	Formaldehyde	1.71E-09	30YrCancerDerived	*	1.71E-09	INHALATION
1429 ALL	486410.6	3675235.17	0.000180505	50000	Formaldehyde	1.84E-09	30YrCancerDerived	*	1.84E-09	INHALATION
1430 ALL	486431.44	3675235.17	0.00019518	50000	Formaldehyde	1.99E-09	30YrCancerDerived	*	1.99E-09	INHALATION
1431 ALL	486452.28	3675235.17	0.000212854	50000	Formaldehyde	2.17E-09	30YrCancerDerived	*	2.17E-09	INHALATION
1432 ALL	486473.12	3675235.17	0.000240901	50000	Formaldehyde	2.46E-09	30YrCancerDerived	*	2.46E-09	INHALATION
1433 ALL	486493.96	3675235.17	0.000270682	50000	Formaldehyde	2.76E-09	30YrCancerDerived	*	2.76E-09	INHALATION
1434 ALL	486514.8	3675235.17	0.000297685	50000	Formaldehyde	3.03E-09	30YrCancerDerived	*	3.03E-09	INHALATION
1435 ALL	486139.68	3675255.05	0.000124903	50000	Formaldehyde	1.27E-09	30YrCancerDerived	*	1.27E-09	INHALATION
1436 ALL	486160.52	3675255.05	0.000123392	50000	Formaldehyde	1.26E-09	30YrCancerDerived	*	1.26E-09	INHALATION
1437 ALL	486181.36	3675255.05	0.000122657	50000	Formaldehyde	1.25E-09	30YrCancerDerived	*	1.25E-09	INHALATION
1438 ALL	486202.2	3675255.05	0.000122519	50000	Formaldehyde	1.25E-09	30YrCancerDerived	*	1.25E-09	INHALATION
1439 ALL	486223.04	3675255.05	0.00012548	50000	Formaldehyde	1.28E-09	30YrCancerDerived	*	1.28E-09	INHALATION
1440 ALL	486243.88	3675255.05	0.000129608	50000	Formaldehyde	1.32E-09	30YrCancerDerived	*	1.32E-09	INHALATION
1441 ALL	486264.72	3675255.05	0.000133348	50000	Formaldehyde	1.36E-09	30YrCancerDerived	*	1.36E-09	INHALATION
1442 ALL	486285.56	3675255.05	0.000137514	50000	Formaldehyde	1.40E-09	30YrCancerDerived	*	1.40E-09	INHALATION
1443 ALL	486306.4	3675255.05	0.000143241	50000	Formaldehyde	1.46E-09	30YrCancerDerived	*	1.46E-09	INHALATION
1444 ALL	486327.24	3675255.05	0.000149543	50000	Formaldehyde	1.52E-09	30YrCancerDerived	*	1.52E-09	INHALATION
1445 ALL	486348.08	3675255.05	0.000156324	50000	Formaldehyde	1.59E-09	30YrCancerDerived	*	1.59E-09	INHALATION
1446 ALL	486368.92	3675255.05	0.000165013	50000	Formaldehyde	1.68E-09	30YrCancerDerived	*	1.68E-09	INHALATION
1447 ALL	486389.76	3675255.05	0.000174409	50000	Formaldehyde	1.78E-09	30YrCancerDerived	*	1.78E-09	INHALATION
1448 ALL	486410.6	3675255.05	0.000184425	50000	Formaldehyde	1.88E-09	30YrCancerDerived	*	1.88E-09	INHALATION
1449 ALL	486431.44	3675255.05	0.000198354	50000	Formaldehyde	2.02E-09	30YrCancerDerived	*	2.02E-09	INHALATION
1450 ALL	486452.28	3675255.05	0.000213451	50000	Formaldehyde	2.18E-09	30YrCancerDerived	*	2.18E-09	INHALATION
1451 ALL	486473.12	3675255.05	0.000228689	50000	Formaldehyde	2.33E-09	30YrCancerDerived	*	2.33E-09	INHALATION
1452 ALL	486493.96	3675255.05	0.000244201	50000	Formaldehyde	2.49E-09	30YrCancerDerived	*	2.49E-09	INHALATION
1453 ALL	486514.8	3675255.05	0.000251464	50000	Formaldehyde	2.56E-09	30YrCancerDerived	*	2.56E-09	INHALATION
1454 ALL	486535.64	3675255.05	0.000259211	50000	Formaldehyde	2.64E-09	30YrCancerDerived	*	2.64E-09	INHALATION

1455 ALL	486264.72	3675274.93	0.000136475	50000	Formaldehyde	1.39E-09	30YrCancerDerived	*	1.39E-09	INHALATION
1456 ALL	486285.56	3675274.93	0.000140374	50000	Formaldehyde	1.43E-09	30YrCancerDerived	*	1.43E-09	INHALATION
1457 ALL	486306.4	3675274.93	0.000144177	50000	Formaldehyde	1.47E-09	30YrCancerDerived	*	1.47E-09	INHALATION
1458 ALL	486327.24	3675274.93	0.000150271	50000	Formaldehyde	1.53E-09	30YrCancerDerived	*	1.53E-09	INHALATION
1459 ALL	486348.08	3675274.93	0.000156985	50000	Formaldehyde	1.60E-09	30YrCancerDerived	*	1.60E-09	INHALATION
1460 ALL	486368.92	3675274.93	0.000163697	50000	Formaldehyde	1.67E-09	30YrCancerDerived	*	1.67E-09	INHALATION
1461 ALL	486389.76	3675274.93	0.000169614	50000	Formaldehyde	1.73E-09	30YrCancerDerived	*	1.73E-09	INHALATION
1462 ALL	486410.6	3675274.93	0.000175679	50000	Formaldehyde	1.79E-09	30YrCancerDerived	*	1.79E-09	INHALATION
1463 ALL	486431.44	3675274.93	0.000185009	50000	Formaldehyde	1.89E-09	30YrCancerDerived	*	1.89E-09	INHALATION
1464 ALL	486452.28	3675274.93	0.000197812	50000	Formaldehyde	2.02E-09	30YrCancerDerived	*	2.02E-09	INHALATION
1465 ALL	486473.12	3675274.93	0.000209575	50000	Formaldehyde	2.14E-09	30YrCancerDerived	*	2.14E-09	INHALATION
1466 ALL	486493.96	3675274.93	0.000218978	50000	Formaldehyde	2.23E-09	30YrCancerDerived	*	2.23E-09	INHALATION
1467 ALL	486514.8	3675274.93	0.000226783	50000	Formaldehyde	2.31E-09	30YrCancerDerived	*	2.31E-09	INHALATION
1468 ALL	486535.64	3675274.93	0.000236147	50000	Formaldehyde	2.41E-09	30YrCancerDerived	*	2.41E-09	INHALATION
1469 ALL	486556.48	3675274.93	0.000249192	50000	Formaldehyde	2.54E-09	30YrCancerDerived	*	2.54E-09	INHALATION
1470 ALL	486306.4	3675294.81	0.000143674	50000	Formaldehyde	1.46E-09	30YrCancerDerived	*	1.46E-09	INHALATION
1471 ALL	486327.24	3675294.81	0.000148559	50000	Formaldehyde	1.51E-09	30YrCancerDerived	*	1.51E-09	INHALATION
1472 ALL	486348.08	3675294.81	0.000154485	50000	Formaldehyde	1.57E-09	30YrCancerDerived	*	1.57E-09	INHALATION
1473 ALL	486368.92	3675294.81	0.000160046	50000	Formaldehyde	1.63E-09	30YrCancerDerived	*	1.63E-09	INHALATION
1474 ALL	486389.76	3675294.81	0.000164364	50000	Formaldehyde	1.68E-09	30YrCancerDerived	*	1.68E-09	INHALATION
1475 ALL	486410.6	3675294.81	0.000168568	50000	Formaldehyde	1.72E-09	30YrCancerDerived	*	1.72E-09	INHALATION
1476 ALL	486431.44	3675294.81	0.000175189	50000	Formaldehyde	1.79E-09	30YrCancerDerived	*	1.79E-09	INHALATION
1477 ALL	486452.28	3675294.81	0.000185373	50000	Formaldehyde	1.89E-09	30YrCancerDerived	*	1.89E-09	INHALATION
1478 ALL	486473.12	3675294.81	0.000195298	50000	Formaldehyde	1.99E-09	30YrCancerDerived	*	1.99E-09	INHALATION
1479 ALL	486493.96	3675294.81	0.000202426	50000	Formaldehyde	2.06E-09	30YrCancerDerived	*	2.06E-09	INHALATION
1480 ALL	486514.8	3675294.81	0.00021	50000	Formaldehyde	2.14E-09	30YrCancerDerived	*	2.14E-09	INHALATION
1481 ALL	486535.64	3675294.81	0.000218604	50000	Formaldehyde	2.23E-09	30YrCancerDerived	*	2.23E-09	INHALATION
1482 ALL	486556.48	3675294.81	0.000229735	50000	Formaldehyde	2.34E-09	30YrCancerDerived	*	2.34E-09	INHALATION
1483 ALL	486327.24	3675314.69	0.000145437	50000	Formaldehyde	1.48E-09	30YrCancerDerived	*	1.48E-09	INHALATION
1484 ALL	486348.08	3675314.69	0.000151107	50000	Formaldehyde	1.54E-09	30YrCancerDerived	*	1.54E-09	INHALATION
1485 ALL	486368.92	3675314.69	0.000155944	50000	Formaldehyde	1.59E-09	30YrCancerDerived	*	1.59E-09	INHALATION
1486 ALL	486389.76	3675314.69	0.000158855	50000	Formaldehyde	1.62E-09	30YrCancerDerived	*	1.62E-09	INHALATION
1487 ALL	486410.6	3675314.69	0.000161208	50000	Formaldehyde	1.64E-09	30YrCancerDerived	*	1.64E-09	INHALATION
1488 ALL	486431.44	3675314.69	0.000167785	50000	Formaldehyde	1.71E-09	30YrCancerDerived	*	1.71E-09	INHALATION
1489 ALL	486452.28	3675314.69	0.000177805	50000	Formaldehyde	1.81E-09	30YrCancerDerived	*	1.81E-09	INHALATION

1490 ALL	486473.12	3675314.69	0.000186795	50000	Formaldehyde	1.90E-09	30YrCancerDerived	*	1.90E-09	INHALATION
1491 ALL	486493.96	3675314.69	0.000193855	50000	Formaldehyde	1.98E-09	30YrCancerDerived	*	1.98E-09	INHALATION
1492 ALL	486514.8	3675314.69	0.000201603	50000	Formaldehyde	2.05E-09	30YrCancerDerived	*	2.05E-09	INHALATION
1493 ALL	486535.64	3675314.69	0.000210771	50000	Formaldehyde	2.15E-09	30YrCancerDerived	*	2.15E-09	INHALATION
1494 ALL	486556.48	3675314.69	0.00022155	50000	Formaldehyde	2.26E-09	30YrCancerDerived	*	2.26E-09	INHALATION
1495 ALL	486348.08	3675334.57	0.000148034	50000	Formaldehyde	1.51E-09	30YrCancerDerived	*	1.51E-09	INHALATION
1496 ALL	486368.92	3675334.57	0.000152324	50000	Formaldehyde	1.55E-09	30YrCancerDerived	*	1.55E-09	INHALATION
1497 ALL	486389.76	3675334.57	0.000155432	50000	Formaldehyde	1.58E-09	30YrCancerDerived	*	1.58E-09	INHALATION
1498 ALL	486410.6	3675334.57	0.000158078	50000	Formaldehyde	1.61E-09	30YrCancerDerived	*	1.61E-09	INHALATION
1499 ALL	486431.44	3675334.57	0.000164013	50000	Formaldehyde	1.67E-09	30YrCancerDerived	*	1.67E-09	INHALATION
1500 ALL	486452.28	3675334.57	0.000172159	50000	Formaldehyde	1.75E-09	30YrCancerDerived	*	1.75E-09	INHALATION
1501 ALL	486473.12	3675334.57	0.000178394	50000	Formaldehyde	1.82E-09	30YrCancerDerived	*	1.82E-09	INHALATION
1502 ALL	486493.96	3675334.57	0.000186476	50000	Formaldehyde	1.90E-09	30YrCancerDerived	*	1.90E-09	INHALATION
1503 ALL	486514.8	3675334.57	0.000195685	50000	Formaldehyde	1.99E-09	30YrCancerDerived	*	1.99E-09	INHALATION
1504 ALL	486535.64	3675334.57	0.00020675	50000	Formaldehyde	2.11E-09	30YrCancerDerived	*	2.11E-09	INHALATION
1505 ALL	486368.92	3675354.45	0.000150768	50000	Formaldehyde	1.54E-09	30YrCancerDerived	*	1.54E-09	INHALATION
1506 ALL	486389.76	3675354.45	0.000154157	50000	Formaldehyde	1.57E-09	30YrCancerDerived	*	1.57E-09	INHALATION
1507 ALL	486410.6	3675354.45	0.000159364	50000	Formaldehyde	1.62E-09	30YrCancerDerived	*	1.62E-09	INHALATION
1508 ALL	486431.44	3675354.45	0.000164111	50000	Formaldehyde	1.67E-09	30YrCancerDerived	*	1.67E-09	INHALATION
1509 ALL	486452.28	3675354.45	0.000169091	50000	Formaldehyde	1.72E-09	30YrCancerDerived	*	1.72E-09	INHALATION
1510 ALL	486473.12	3675354.45	0.000175379	50000	Formaldehyde	1.79E-09	30YrCancerDerived	*	1.79E-09	INHALATION
1511 ALL	486493.96	3675354.45	0.000183836	50000	Formaldehyde	1.87E-09	30YrCancerDerived	*	1.87E-09	INHALATION
1512 ALL	486514.8	3675354.45	0.000195142	50000	Formaldehyde	1.99E-09	30YrCancerDerived	*	1.99E-09	INHALATION
1513 ALL	486431.44	3675374.33	0.000164638	50000	Formaldehyde	1.68E-09	30YrCancerDerived	*	1.68E-09	INHALATION
1514 ALL	486452.28	3675374.33	0.000169378	50000	Formaldehyde	1.73E-09	30YrCancerDerived	*	1.73E-09	INHALATION
1515 ALL	486473.12	3675374.33	0.000175918	50000	Formaldehyde	1.79E-09	30YrCancerDerived	*	1.79E-09	INHALATION
1516 ALL	487872.39	3673252.61	0.003675336	50000	Formaldehyde	3.75E-08	30YrCancerDerived	*	3.75E-08	INHALATION
1517 ALL	487892.39	3673252.61	0.00762074	50000	Formaldehyde	7.77E-08	30YrCancerDerived	*	7.77E-08	INHALATION
1518 ALL	487912.39	3673252.61	0.01006848	50000	Formaldehyde	0.000000103	30YrCancerDerived	*	0.000000103	INHALATION
1519 ALL	487932.39	3673252.61	0.01283999	50000	Formaldehyde	0.000000131	30YrCancerDerived	*	0.000000131	INHALATION
1521 ALL	487852.39	3673272.61	0.003054809	50000	Formaldehyde	3.11E-08	30YrCancerDerived	*	3.11E-08	INHALATION
1522 ALL	487872.39	3673272.61	0.005020914	50000	Formaldehyde	5.12E-08	30YrCancerDerived	*	5.12E-08	INHALATION
1523 ALL	487892.39	3673272.61	0.008680549	50000	Formaldehyde	8.85E-08	30YrCancerDerived	*	8.85E-08	INHALATION
1524 ALL	487912.39	3673272.61	0.01048543	50000	Formaldehyde	0.000000107	30YrCancerDerived	*	0.000000107	INHALATION
1525 ALL	487932.39	3673272.61	0.01276091	50000	Formaldehyde	0.00000013	30YrCancerDerived	*	0.00000013	INHALATION

1528 ALL	487832.39	3673292.61	0.001951985	50000 Formaldehyde	1.99E-08 30YrCancerDerived	*	1.99E-08 INHALATION
1529 ALL	487852.39	3673292.61	0.002864423	50000 Formaldehyde	2.92E-08 30YrCancerDerived	*	2.92E-08 INHALATION
1530 ALL	487872.39	3673292.61	0.004315826	50000 Formaldehyde	0.000000044 30YrCancerDerived	*	0.000000044 INHALATION
1531 ALL	487892.39	3673292.61	0.006705843	50000 Formaldehyde	6.83E-08 30YrCancerDerived	*	6.83E-08 INHALATION
1532 ALL	487912.39	3673292.61	0.009340538	50000 Formaldehyde	9.52E-08 30YrCancerDerived	*	9.52E-08 INHALATION
1533 ALL	487932.39	3673292.61	0.01191895	50000 Formaldehyde	0.000000121 30YrCancerDerived	*	0.000000121 INHALATION
1538 ALL	487812.39	3673312.61	0.000998355	50000 Formaldehyde	1.02E-08 30YrCancerDerived	*	1.02E-08 INHALATION
1539 ALL	487832.39	3673312.61	0.001307427	50000 Formaldehyde	1.33E-08 30YrCancerDerived	*	1.33E-08 INHALATION
1540 ALL	487852.39	3673312.61	0.002073949	50000 Formaldehyde	2.11E-08 30YrCancerDerived	*	2.11E-08 INHALATION
1541 ALL	487872.39	3673312.61	0.003451207	50000 Formaldehyde	3.52E-08 30YrCancerDerived	*	3.52E-08 INHALATION
1542 ALL	487892.39	3673312.61	0.005514865	50000 Formaldehyde	5.62E-08 30YrCancerDerived	*	5.62E-08 INHALATION
1543 ALL	487912.39	3673312.61	0.00838572	50000 Formaldehyde	8.55E-08 30YrCancerDerived	*	8.55E-08 INHALATION
1544 ALL	487932.39	3673312.61	0.0109875	50000 Formaldehyde	0.000000112 30YrCancerDerived	*	0.000000112 INHALATION
1545 ALL	487952.39	3673312.61	0.01260139	50000 Formaldehyde	0.000000128 30YrCancerDerived	*	0.000000128 INHALATION
1549 ALL	487792.39	3673332.61	0.000546571	50000 Formaldehyde	5.57E-09 30YrCancerDerived	*	5.57E-09 INHALATION
1550 ALL	487812.39	3673332.61	0.000645195	50000 Formaldehyde	6.58E-09 30YrCancerDerived	*	6.58E-09 INHALATION
1551 ALL	487832.39	3673332.61	0.000907927	50000 Formaldehyde	9.25E-09 30YrCancerDerived	*	9.25E-09 INHALATION
1552 ALL	487852.39	3673332.61	0.001627062	50000 Formaldehyde	1.66E-08 30YrCancerDerived	*	1.66E-08 INHALATION
1553 ALL	487872.39	3673332.61	0.003091	50000 Formaldehyde	3.15E-08 30YrCancerDerived	*	3.15E-08 INHALATION
1554 ALL	487892.39	3673332.61	0.004646798	50000 Formaldehyde	4.74E-08 30YrCancerDerived	*	4.74E-08 INHALATION
1555 ALL	487912.39	3673332.61	0.007099203	50000 Formaldehyde	7.24E-08 30YrCancerDerived	*	7.24E-08 INHALATION
1556 ALL	487932.39	3673332.61	0.009379822	50000 Formaldehyde	9.56E-08 30YrCancerDerived	*	9.56E-08 INHALATION
1557 ALL	487952.39	3673332.61	0.01029554	50000 Formaldehyde	0.000000105 30YrCancerDerived	*	0.000000105 INHALATION
1558 ALL	487972.39	3673332.61	0.01193883	50000 Formaldehyde	0.000000122 30YrCancerDerived	*	0.000000122 INHALATION
1561 ALL	487772.39	3673352.61	0.000426442	50000 Formaldehyde	4.35E-09 30YrCancerDerived	*	4.35E-09 INHALATION
1562 ALL	487792.39	3673352.61	0.000443474	50000 Formaldehyde	4.52E-09 30YrCancerDerived	*	4.52E-09 INHALATION
1563 ALL	487812.39	3673352.61	0.000536966	50000 Formaldehyde	5.47E-09 30YrCancerDerived	*	5.47E-09 INHALATION
1564 ALL	487832.39	3673352.61	0.000764828	50000 Formaldehyde	7.79E-09 30YrCancerDerived	*	7.79E-09 INHALATION
1565 ALL	487852.39	3673352.61	0.001298175	50000 Formaldehyde	1.32E-08 30YrCancerDerived	*	1.32E-08 INHALATION
1566 ALL	487872.39	3673352.61	0.002690367	50000 Formaldehyde	2.74E-08 30YrCancerDerived	*	2.74E-08 INHALATION
1567 ALL	487892.39	3673352.61	0.004028704	50000 Formaldehyde	4.11E-08 30YrCancerDerived	*	4.11E-08 INHALATION
1568 ALL	487912.39	3673352.61	0.005342372	50000 Formaldehyde	5.44E-08 30YrCancerDerived	*	5.44E-08 INHALATION
1569 ALL	487932.39	3673352.61	0.006963045	50000 Formaldehyde	0.000000071 30YrCancerDerived	*	0.000000071 INHALATION
1570 ALL	487952.39	3673352.61	0.008179525	50000 Formaldehyde	8.34E-08 30YrCancerDerived	*	8.34E-08 INHALATION
1571 ALL	487972.39	3673352.61	0.009767197	50000 Formaldehyde	9.95E-08 30YrCancerDerived	*	9.95E-08 INHALATION

1572 ALL	487992.39	3673352.61	0.01186766	50000 Formaldehyde	0.000000121 30YrCancerDerived	*	0.000000121 INHALATION
1573 ALL	488012.39	3673352.61	0.01337992	50000 Formaldehyde	0.000000136 30YrCancerDerived	*	0.000000136 INHALATION
1574 ALL	487724.34	3673332.79	0.000378074	50000 Formaldehyde	3.85E-09 30YrCancerDerived	*	3.85E-09 INHALATION
1575 ALL	487792.39	3673372.61	0.000431601	50000 Formaldehyde	4.40E-09 30YrCancerDerived	*	4.40E-09 INHALATION
1576 ALL	487812.39	3673372.61	0.000526565	50000 Formaldehyde	5.37E-09 30YrCancerDerived	*	5.37E-09 INHALATION
1577 ALL	487832.39	3673372.61	0.000732536	50000 Formaldehyde	7.47E-09 30YrCancerDerived	*	7.47E-09 INHALATION
1578 ALL	487852.39	3673372.61	0.00113202	50000 Formaldehyde	1.15E-08 30YrCancerDerived	*	1.15E-08 INHALATION
1579 ALL	487872.39	3673372.61	0.002161945	50000 Formaldehyde	0.000000022 30YrCancerDerived	*	0.000000022 INHALATION
1580 ALL	487892.39	3673372.61	0.003530421	50000 Formaldehyde	0.000000036 30YrCancerDerived	*	0.000000036 INHALATION
1581 ALL	487912.39	3673372.61	0.004318995	50000 Formaldehyde	0.000000044 30YrCancerDerived	*	0.000000044 INHALATION
1582 ALL	487932.39	3673372.61	0.0055904	50000 Formaldehyde	0.000000057 30YrCancerDerived	*	0.000000057 INHALATION
1583 ALL	487952.39	3673372.61	0.006716705	50000 Formaldehyde	6.85E-08 30YrCancerDerived	*	6.85E-08 INHALATION
1584 ALL	487972.39	3673372.61	0.007907858	50000 Formaldehyde	8.06E-08 30YrCancerDerived	*	8.06E-08 INHALATION
1585 ALL	487992.39	3673372.61	0.008578634	50000 Formaldehyde	8.74E-08 30YrCancerDerived	*	8.74E-08 INHALATION
1586 ALL	487724.34	3673352.79	0.000402358	50000 Formaldehyde	4.10E-09 30YrCancerDerived	*	4.10E-09 INHALATION
1587 ALL	487744.34	3673352.79	0.00042515	50000 Formaldehyde	4.33E-09 30YrCancerDerived	*	4.33E-09 INHALATION
1588 ALL	487812.39	3673392.61	0.000590003	50000 Formaldehyde	6.01E-09 30YrCancerDerived	*	6.01E-09 INHALATION
1589 ALL	487832.39	3673392.61	0.000741005	50000 Formaldehyde	7.55E-09 30YrCancerDerived	*	7.55E-09 INHALATION
1590 ALL	487852.39	3673392.61	0.001127662	50000 Formaldehyde	1.15E-08 30YrCancerDerived	*	1.15E-08 INHALATION
1591 ALL	487872.39	3673392.61	0.001986598	50000 Formaldehyde	2.02E-08 30YrCancerDerived	*	2.02E-08 INHALATION
1592 ALL	487892.39	3673392.61	0.003370647	50000 Formaldehyde	3.44E-08 30YrCancerDerived	*	3.44E-08 INHALATION
1593 ALL	487912.39	3673392.61	0.004471801	50000 Formaldehyde	4.56E-08 30YrCancerDerived	*	4.56E-08 INHALATION
1594 ALL	487932.39	3673392.61	0.005501694	50000 Formaldehyde	5.61E-08 30YrCancerDerived	*	5.61E-08 INHALATION
1595 ALL	487952.39	3673392.61	0.006153919	50000 Formaldehyde	6.27E-08 30YrCancerDerived	*	6.27E-08 INHALATION
1596 ALL	487972.39	3673392.61	0.006465936	50000 Formaldehyde	6.59E-08 30YrCancerDerived	*	6.59E-08 INHALATION
1597 ALL	487992.39	3673392.61	0.005635386	50000 Formaldehyde	5.74E-08 30YrCancerDerived	*	5.74E-08 INHALATION
1598 ALL	487724.34	3673372.79	0.000537262	50000 Formaldehyde	5.48E-09 30YrCancerDerived	*	5.48E-09 INHALATION
1599 ALL	487744.34	3673372.79	0.000527287	50000 Formaldehyde	5.37E-09 30YrCancerDerived	*	5.37E-09 INHALATION
1600 ALL	487852.39	3673412.61	0.001276761	50000 Formaldehyde	0.000000013 30YrCancerDerived	*	0.000000013 INHALATION
1601 ALL	487872.39	3673412.61	0.002308778	50000 Formaldehyde	2.35E-08 30YrCancerDerived	*	2.35E-08 INHALATION
1602 ALL	487892.39	3673412.61	0.004522853	50000 Formaldehyde	4.61E-08 30YrCancerDerived	*	4.61E-08 INHALATION
1603 ALL	487912.39	3673412.61	0.009173461	50000 Formaldehyde	9.35E-08 30YrCancerDerived	*	9.35E-08 INHALATION
1604 ALL	487932.39	3673412.61	0.007457308	50000 Formaldehyde	0.000000076 30YrCancerDerived	*	0.000000076 INHALATION
1605 ALL	487952.39	3673412.61	0.006439715	50000 Formaldehyde	6.56E-08 30YrCancerDerived	*	6.56E-08 INHALATION
1606 ALL	487972.39	3673412.61	0.005745093	50000 Formaldehyde	5.86E-08 30YrCancerDerived	*	5.86E-08 INHALATION

1607 ALL	487992.39	3673412.61	0.004899474	50000 Formaldehyde	4.99E-08 30YrCancerDerived	*	4.99E-08 INHALATION
1608 ALL	487724.34	3673392.79	0.000765018	50000 Formaldehyde	7.80E-09 30YrCancerDerived	*	7.80E-09 INHALATION
1609 ALL	487744.34	3673392.79	0.000660486	50000 Formaldehyde	6.73E-09 30YrCancerDerived	*	6.73E-09 INHALATION
1610 ALL	487872.39	3673432.61	0.00420471	50000 Formaldehyde	4.29E-08 30YrCancerDerived	*	4.29E-08 INHALATION
1611 ALL	487892.39	3673432.61	0.009829865	50000 Formaldehyde	0.0000001 30YrCancerDerived	*	0.0000001 INHALATION
1612 ALL	487912.39	3673432.61	0.018141	50000 Formaldehyde	0.000000185 30YrCancerDerived	*	0.000000185 INHALATION
1613 ALL	487932.39	3673432.61	0.01192517	50000 Formaldehyde	0.000000122 30YrCancerDerived	*	0.000000122 INHALATION
1614 ALL	487952.39	3673432.61	0.008848725	50000 Formaldehyde	9.02E-08 30YrCancerDerived	*	9.02E-08 INHALATION
1615 ALL	487972.39	3673432.61	0.007104046	50000 Formaldehyde	7.24E-08 30YrCancerDerived	*	7.24E-08 INHALATION
1616 ALL	487724.34	3673412.79	0.000926262	50000 Formaldehyde	9.44E-09 30YrCancerDerived	*	9.44E-09 INHALATION
1617 ALL	487744.34	3673412.79	0.000817283	50000 Formaldehyde	8.33E-09 30YrCancerDerived	*	8.33E-09 INHALATION
1618 ALL	487912.39	3673452.61	0.02468935	50000 Formaldehyde	0.000000252 30YrCancerDerived	*	0.000000252 INHALATION
1619 ALL	487932.39	3673452.61	0.02255314	50000 Formaldehyde	0.00000023 30YrCancerDerived	*	0.00000023 INHALATION
1620 ALL	487952.39	3673452.61	0.01890154	50000 Formaldehyde	0.000000193 30YrCancerDerived	*	0.000000193 INHALATION
1621 ALL	487972.39	3673452.61	0.01101337	50000 Formaldehyde	0.000000112 30YrCancerDerived	*	0.000000112 INHALATION
1622 ALL	487724.34	3673432.79	0.001238335	50000 Formaldehyde	1.26E-08 30YrCancerDerived	*	1.26E-08 INHALATION
1623 ALL	487744.34	3673432.79	0.000967182	50000 Formaldehyde	9.86E-09 30YrCancerDerived	*	9.86E-09 INHALATION
1624 ALL	487932.39	3673472.61	0.02954833	50000 Formaldehyde	0.000000301 30YrCancerDerived	*	0.000000301 INHALATION
1625 ALL	487952.39	3673472.61	0.03130416	50000 Formaldehyde	0.000000319 30YrCancerDerived	*	0.000000319 INHALATION
1626 ALL	487724.34	3673452.79	0.001792027	50000 Formaldehyde	1.83E-08 30YrCancerDerived	*	1.83E-08 INHALATION
1627 ALL	487744.34	3673452.79	0.001222263	50000 Formaldehyde	1.25E-08 30YrCancerDerived	*	1.25E-08 INHALATION
1628 ALL	487724.34	3673472.79	0.002843452	50000 Formaldehyde	0.000000029 30YrCancerDerived	*	0.000000029 INHALATION
1629 ALL	487724.34	3673492.79	0.005399438	50000 Formaldehyde	0.000000055 30YrCancerDerived	*	0.000000055 INHALATION
1630 ALL	487744.36	3673445.97	0.00111773	50000 Formaldehyde	1.14E-08 30YrCancerDerived	*	1.14E-08 INHALATION
1631 ALL	487765.2	3673445.97	0.001039522	50000 Formaldehyde	1.06E-08 30YrCancerDerived	*	1.06E-08 INHALATION
1632 ALL	487786.04	3673445.97	0.001204254	50000 Formaldehyde	1.23E-08 30YrCancerDerived	*	1.23E-08 INHALATION
1633 ALL	487723.52	3673465.85	0.00248301	50000 Formaldehyde	2.53E-08 30YrCancerDerived	*	2.53E-08 INHALATION
1634 ALL	487744.36	3673465.85	0.001619554	50000 Formaldehyde	1.65E-08 30YrCancerDerived	*	1.65E-08 INHALATION
1635 ALL	487765.2	3673465.85	0.001582845	50000 Formaldehyde	1.61E-08 30YrCancerDerived	*	1.61E-08 INHALATION
1636 ALL	487786.04	3673465.85	0.002175355	50000 Formaldehyde	2.22E-08 30YrCancerDerived	*	2.22E-08 INHALATION
1637 ALL	487806.88	3673465.85	0.003238236	50000 Formaldehyde	0.000000033 30YrCancerDerived	*	0.000000033 INHALATION
1638 ALL	487723.52	3673485.73	0.004216626	50000 Formaldehyde	0.000000043 30YrCancerDerived	*	0.000000043 INHALATION
1639 ALL	487744.36	3673485.73	0.002819514	50000 Formaldehyde	2.87E-08 30YrCancerDerived	*	2.87E-08 INHALATION
1640 ALL	487765.2	3673485.73	0.002644825	50000 Formaldehyde	0.000000027 30YrCancerDerived	*	0.000000027 INHALATION
1641 ALL	487786.04	3673485.73	0.00369751	50000 Formaldehyde	3.77E-08 30YrCancerDerived	*	3.77E-08 INHALATION

1642 ALL	487806.88	3673485.73	0.00610155	50000 Formaldehyde	6.22E-08 30YrCancerDerived	*	6.22E-08 INHALATION
1643 ALL	487827.72	3673485.73	0.01025018	50000 Formaldehyde	0.000000104 30YrCancerDerived	*	0.000000104 INHALATION
1644 ALL	487848.56	3673485.73	0.01552697	50000 Formaldehyde	0.000000158 30YrCancerDerived	*	0.000000158 INHALATION
1645 ALL	487723.52	3673505.61	0.006981899	50000 Formaldehyde	7.12E-08 30YrCancerDerived	*	7.12E-08 INHALATION
1646 ALL	487744.36	3673505.61	0.006113028	50000 Formaldehyde	6.23E-08 30YrCancerDerived	*	6.23E-08 INHALATION
1647 ALL	487765.2	3673505.61	0.004628801	50000 Formaldehyde	4.72E-08 30YrCancerDerived	*	4.72E-08 INHALATION
1648 ALL	487786.04	3673505.61	0.005910518	50000 Formaldehyde	6.02E-08 30YrCancerDerived	*	6.02E-08 INHALATION
1649 ALL	487806.88	3673505.61	0.008683838	50000 Formaldehyde	8.85E-08 30YrCancerDerived	*	8.85E-08 INHALATION
1650 ALL	487827.72	3673505.61	0.0121034	50000 Formaldehyde	0.000000123 30YrCancerDerived	*	0.000000123 INHALATION
1651 ALL	487848.56	3673505.61	0.01724245	50000 Formaldehyde	0.000000176 30YrCancerDerived	*	0.000000176 INHALATION
1652 ALL	487869.4	3673505.61	0.02088412	50000 Formaldehyde	0.000000213 30YrCancerDerived	*	0.000000213 INHALATION
1653 ALL	487744.36	3673525.49	0.007662037	50000 Formaldehyde	7.81E-08 30YrCancerDerived	*	7.81E-08 INHALATION
1654 ALL	487765.2	3673525.49	0.006516688	50000 Formaldehyde	6.64E-08 30YrCancerDerived	*	6.64E-08 INHALATION
1655 ALL	487786.04	3673525.49	0.006249216	50000 Formaldehyde	6.37E-08 30YrCancerDerived	*	6.37E-08 INHALATION
1656 ALL	487806.88	3673525.49	0.008224681	50000 Formaldehyde	8.38E-08 30YrCancerDerived	*	8.38E-08 INHALATION
1657 ALL	487827.72	3673525.49	0.01062951	50000 Formaldehyde	0.000000108 30YrCancerDerived	*	0.000000108 INHALATION
1658 ALL	487848.56	3673525.49	0.01389304	50000 Formaldehyde	0.000000142 30YrCancerDerived	*	0.000000142 INHALATION
1659 ALL	487869.4	3673525.49	0.01921505	50000 Formaldehyde	0.000000196 30YrCancerDerived	*	0.000000196 INHALATION
1660 ALL	487890.24	3673525.49	0.02450168	50000 Formaldehyde	0.00000025 30YrCancerDerived	*	0.00000025 INHALATION
1661 ALL	487911.08	3673525.49	0.02977966	50000 Formaldehyde	0.000000304 30YrCancerDerived	*	0.000000304 INHALATION
1662 ALL	487744.36	3673545.37	0.00764535	50000 Formaldehyde	7.79E-08 30YrCancerDerived	*	7.79E-08 INHALATION
1663 ALL	487765.2	3673545.37	0.006972103	50000 Formaldehyde	7.11E-08 30YrCancerDerived	*	7.11E-08 INHALATION
1664 ALL	487786.04	3673545.37	0.005028928	50000 Formaldehyde	5.13E-08 30YrCancerDerived	*	5.13E-08 INHALATION
1665 ALL	487806.88	3673545.37	0.005306535	50000 Formaldehyde	5.41E-08 30YrCancerDerived	*	5.41E-08 INHALATION
1666 ALL	487827.72	3673545.37	0.005945867	50000 Formaldehyde	6.06E-08 30YrCancerDerived	*	6.06E-08 INHALATION
1667 ALL	487848.56	3673545.37	0.008006713	50000 Formaldehyde	8.16E-08 30YrCancerDerived	*	8.16E-08 INHALATION
1668 ALL	487869.4	3673545.37	0.01303846	50000 Formaldehyde	0.000000133 30YrCancerDerived	*	0.000000133 INHALATION
1669 ALL	487890.24	3673545.37	0.02162955	50000 Formaldehyde	0.00000022 30YrCancerDerived	*	0.00000022 INHALATION
1670 ALL	487911.08	3673545.37	0.02895789	50000 Formaldehyde	0.000000295 30YrCancerDerived	*	0.000000295 INHALATION
1671 ALL	487931.92	3673545.37	0.03495484	50000 Formaldehyde	0.000000356 30YrCancerDerived	*	0.000000356 INHALATION
1672 ALL	487744.36	3673565.25	0.008135803	50000 Formaldehyde	8.29E-08 30YrCancerDerived	*	8.29E-08 INHALATION
1673 ALL	487765.2	3673565.25	0.007292342	50000 Formaldehyde	7.43E-08 30YrCancerDerived	*	7.43E-08 INHALATION
1674 ALL	487786.04	3673565.25	0.004460434	50000 Formaldehyde	4.55E-08 30YrCancerDerived	*	4.55E-08 INHALATION
1675 ALL	487806.88	3673565.25	0.003207026	50000 Formaldehyde	3.27E-08 30YrCancerDerived	*	3.27E-08 INHALATION
1676 ALL	487827.72	3673565.25	0.002656626	50000 Formaldehyde	2.71E-08 30YrCancerDerived	*	2.71E-08 INHALATION

1677 ALL	487848.56	3673565.25	0.003045494	50000 Formaldehyde	0.000000031	30YrCancerDerived	*	0.000000031	INHALATION
1678 ALL	487869.4	3673565.25	0.005801424	50000 Formaldehyde	5.91E-08	30YrCancerDerived	*	5.91E-08	INHALATION
1679 ALL	487890.24	3673565.25	0.01435737	50000 Formaldehyde	0.000000146	30YrCancerDerived	*	0.000000146	INHALATION
1680 ALL	487911.08	3673565.25	0.02474418	50000 Formaldehyde	0.000000252	30YrCancerDerived	*	0.000000252	INHALATION
1681 ALL	487765.2	3673585.13	0.007923271	50000 Formaldehyde	8.08E-08	30YrCancerDerived	*	8.08E-08	INHALATION
1682 ALL	487786.04	3673585.13	0.003911519	50000 Formaldehyde	3.99E-08	30YrCancerDerived	*	3.99E-08	INHALATION
1683 ALL	487806.88	3673585.13	0.002447289	50000 Formaldehyde	2.49E-08	30YrCancerDerived	*	2.49E-08	INHALATION
1684 ALL	487827.72	3673585.13	0.001919907	50000 Formaldehyde	1.96E-08	30YrCancerDerived	*	1.96E-08	INHALATION
1685 ALL	487848.56	3673585.13	0.002210487	50000 Formaldehyde	2.25E-08	30YrCancerDerived	*	2.25E-08	INHALATION
1686 ALL	487869.4	3673585.13	0.003934592	50000 Formaldehyde	4.01E-08	30YrCancerDerived	*	4.01E-08	INHALATION
1687 ALL	487890.24	3673585.13	0.01016689	50000 Formaldehyde	0.000000104	30YrCancerDerived	*	0.000000104	INHALATION
1688 ALL	487911.08	3673585.13	0.01850737	50000 Formaldehyde	0.000000189	30YrCancerDerived	*	0.000000189	INHALATION
1689 ALL	487786.04	3673605.01	0.004168804	50000 Formaldehyde	4.25E-08	30YrCancerDerived	*	4.25E-08	INHALATION
1690 ALL	487806.88	3673605.01	0.002207095	50000 Formaldehyde	2.25E-08	30YrCancerDerived	*	2.25E-08	INHALATION
1691 ALL	487827.72	3673605.01	0.002065507	50000 Formaldehyde	2.11E-08	30YrCancerDerived	*	2.11E-08	INHALATION
1692 ALL	487848.56	3673605.01	0.002449165	50000 Formaldehyde	0.000000025	30YrCancerDerived	*	0.000000025	INHALATION
1693 ALL	487869.4	3673605.01	0.005124975	50000 Formaldehyde	5.22E-08	30YrCancerDerived	*	5.22E-08	INHALATION
1694 ALL	487890.24	3673605.01	0.01066822	50000 Formaldehyde	0.000000109	30YrCancerDerived	*	0.000000109	INHALATION
1 ALL	487640.16	3673346.57	0.0000131	91203 Naphthalene	7.64E-10	30YrCancerDerived	*	7.64E-10	INHALATION
2 ALL	487661	3673346.57	0.0000136	91203 Naphthalene	7.91E-10	30YrCancerDerived	*	7.91E-10	INHALATION
3 ALL	487681.84	3673346.57	0.0000142	91203 Naphthalene	8.29E-10	30YrCancerDerived	*	8.29E-10	INHALATION
4 ALL	487702.68	3673346.57	0.000015	91203 Naphthalene	8.75E-10	30YrCancerDerived	*	8.75E-10	INHALATION
5 ALL	487723.52	3673346.57	0.000016	91203 Naphthalene	9.29E-10	30YrCancerDerived	*	9.29E-10	INHALATION
6 ALL	487598.48	3673366.45	0.0000119	91203 Naphthalene	6.93E-10	30YrCancerDerived	*	6.93E-10	INHALATION
7 ALL	487619.32	3673366.45	0.0000132	91203 Naphthalene	7.67E-10	30YrCancerDerived	*	7.67E-10	INHALATION
8 ALL	487640.16	3673366.45	0.0000157	91203 Naphthalene	9.12E-10	30YrCancerDerived	*	9.12E-10	INHALATION
9 ALL	487661	3673366.45	0.0000173	91203 Naphthalene	1.01E-09	30YrCancerDerived	*	1.01E-09	INHALATION
10 ALL	487681.84	3673366.45	0.0000182	91203 Naphthalene	1.06E-09	30YrCancerDerived	*	1.06E-09	INHALATION
11 ALL	487702.68	3673366.45	0.0000197	91203 Naphthalene	1.15E-09	30YrCancerDerived	*	1.15E-09	INHALATION
12 ALL	487723.52	3673366.45	0.0000195	91203 Naphthalene	1.13E-09	30YrCancerDerived	*	1.13E-09	INHALATION
13 ALL	487577.64	3673386.33	0.0000122	91203 Naphthalene	7.09E-10	30YrCancerDerived	*	7.09E-10	INHALATION
14 ALL	487598.48	3673386.33	0.0000129	91203 Naphthalene	7.51E-10	30YrCancerDerived	*	7.51E-10	INHALATION
15 ALL	487619.32	3673386.33	0.0000147	91203 Naphthalene	8.55E-10	30YrCancerDerived	*	8.55E-10	INHALATION
16 ALL	487640.16	3673386.33	0.0000187	91203 Naphthalene	1.09E-09	30YrCancerDerived	*	1.09E-09	INHALATION
17 ALL	487661	3673386.33	0.0000245	91203 Naphthalene	1.43E-09	30YrCancerDerived	*	1.43E-09	INHALATION

18 ALL	487681.84	3673386.33	0.0000281	91203 Naphthalene	1.64E-09 30YrCancerDerived	*	1.64E-09 INHALATION
19 ALL	487702.68	3673386.33	0.0000292	91203 Naphthalene	1.70E-09 30YrCancerDerived	*	1.70E-09 INHALATION
20 ALL	487723.52	3673386.33	0.0000285	91203 Naphthalene	1.66E-09 30YrCancerDerived	*	1.66E-09 INHALATION
21 ALL	487473.44	3673406.21	0.00000958	91203 Naphthalene	5.58E-10 30YrCancerDerived	*	5.58E-10 INHALATION
22 ALL	487494.28	3673406.21	0.0000101	91203 Naphthalene	5.91E-10 30YrCancerDerived	*	5.91E-10 INHALATION
23 ALL	487515.12	3673406.21	0.0000107	91203 Naphthalene	6.21E-10 30YrCancerDerived	*	6.21E-10 INHALATION
24 ALL	487535.96	3673406.21	0.0000112	91203 Naphthalene	6.54E-10 30YrCancerDerived	*	6.54E-10 INHALATION
25 ALL	487556.8	3673406.21	0.0000121	91203 Naphthalene	7.02E-10 30YrCancerDerived	*	7.02E-10 INHALATION
26 ALL	487577.64	3673406.21	0.0000135	91203 Naphthalene	7.86E-10 30YrCancerDerived	*	7.86E-10 INHALATION
27 ALL	487598.48	3673406.21	0.0000157	91203 Naphthalene	9.14E-10 30YrCancerDerived	*	9.14E-10 INHALATION
28 ALL	487619.32	3673406.21	0.0000199	91203 Naphthalene	1.16E-09 30YrCancerDerived	*	1.16E-09 INHALATION
29 ALL	487640.16	3673406.21	0.0000281	91203 Naphthalene	1.64E-09 30YrCancerDerived	*	1.64E-09 INHALATION
30 ALL	487661	3673406.21	0.0000371	91203 Naphthalene	2.16E-09 30YrCancerDerived	*	2.16E-09 INHALATION
31 ALL	487681.84	3673406.21	0.0000409	91203 Naphthalene	2.38E-09 30YrCancerDerived	*	2.38E-09 INHALATION
32 ALL	487702.68	3673406.21	0.000039	91203 Naphthalene	2.27E-09 30YrCancerDerived	*	2.27E-09 INHALATION
33 ALL	487723.52	3673406.21	0.0000348	91203 Naphthalene	2.02E-09 30YrCancerDerived	*	2.02E-09 INHALATION
34 ALL	487431.76	3673426.09	0.00000901	91203 Naphthalene	5.25E-10 30YrCancerDerived	*	5.25E-10 INHALATION
35 ALL	487452.6	3673426.09	0.00000944	91203 Naphthalene	5.50E-10 30YrCancerDerived	*	5.50E-10 INHALATION
36 ALL	487473.44	3673426.09	0.00000988	91203 Naphthalene	5.75E-10 30YrCancerDerived	*	5.75E-10 INHALATION
37 ALL	487494.28	3673426.09	0.0000105	91203 Naphthalene	6.11E-10 30YrCancerDerived	*	6.11E-10 INHALATION
38 ALL	487515.12	3673426.09	0.0000112	91203 Naphthalene	6.52E-10 30YrCancerDerived	*	6.52E-10 INHALATION
39 ALL	487535.96	3673426.09	0.0000119	91203 Naphthalene	6.91E-10 30YrCancerDerived	*	6.91E-10 INHALATION
40 ALL	487556.8	3673426.09	0.0000129	91203 Naphthalene	7.49E-10 30YrCancerDerived	*	7.49E-10 INHALATION
41 ALL	487577.64	3673426.09	0.0000147	91203 Naphthalene	8.53E-10 30YrCancerDerived	*	8.53E-10 INHALATION
42 ALL	487598.48	3673426.09	0.0000188	91203 Naphthalene	1.10E-09 30YrCancerDerived	*	1.10E-09 INHALATION
43 ALL	487619.32	3673426.09	0.0000275	91203 Naphthalene	1.60E-09 30YrCancerDerived	*	1.60E-09 INHALATION
44 ALL	487640.16	3673426.09	0.000044	91203 Naphthalene	2.56E-09 30YrCancerDerived	*	2.56E-09 INHALATION
45 ALL	487661	3673426.09	0.0000592	91203 Naphthalene	3.45E-09 30YrCancerDerived	*	3.45E-09 INHALATION
46 ALL	487681.84	3673426.09	0.0000631	91203 Naphthalene	3.67E-09 30YrCancerDerived	*	3.67E-09 INHALATION
47 ALL	487702.68	3673426.09	0.0000518	91203 Naphthalene	3.02E-09 30YrCancerDerived	*	3.02E-09 INHALATION
48 ALL	487723.52	3673426.09	0.0000449	91203 Naphthalene	2.62E-09 30YrCancerDerived	*	2.62E-09 INHALATION
49 ALL	487410.92	3673445.97	0.00000913	91203 Naphthalene	5.32E-10 30YrCancerDerived	*	5.32E-10 INHALATION
50 ALL	487431.76	3673445.97	0.00000951	91203 Naphthalene	5.54E-10 30YrCancerDerived	*	5.54E-10 INHALATION
51 ALL	487452.6	3673445.97	0.00000994	91203 Naphthalene	5.79E-10 30YrCancerDerived	*	5.79E-10 INHALATION
52 ALL	487473.44	3673445.97	0.0000104	91203 Naphthalene	6.03E-10 30YrCancerDerived	*	6.03E-10 INHALATION

53 ALL	487494.28	3673445.97	0.0000108	91203	Naphthalene	6.28E-10	30YrCancerDerived	*	6.28E-10	INHALATION
54 ALL	487515.12	3673445.97	0.0000113	91203	Naphthalene	6.58E-10	30YrCancerDerived	*	6.58E-10	INHALATION
55 ALL	487535.96	3673445.97	0.0000119	91203	Naphthalene	6.93E-10	30YrCancerDerived	*	6.93E-10	INHALATION
56 ALL	487556.8	3673445.97	0.000013	91203	Naphthalene	7.54E-10	30YrCancerDerived	*	7.54E-10	INHALATION
57 ALL	487577.64	3673445.97	0.0000145	91203	Naphthalene	8.42E-10	30YrCancerDerived	*	8.42E-10	INHALATION
58 ALL	487598.48	3673445.97	0.0000189	91203	Naphthalene	1.10E-09	30YrCancerDerived	*	1.10E-09	INHALATION
59 ALL	487619.32	3673445.97	0.0000281	91203	Naphthalene	1.63E-09	30YrCancerDerived	*	1.63E-09	INHALATION
60 ALL	487640.16	3673445.97	0.0000531	91203	Naphthalene	3.09E-09	30YrCancerDerived	*	3.09E-09	INHALATION
61 ALL	487661	3673445.97	0.0000869	91203	Naphthalene	5.06E-09	30YrCancerDerived	*	5.06E-09	INHALATION
62 ALL	487681.84	3673445.97	0.00010681	91203	Naphthalene	6.22E-09	30YrCancerDerived	*	6.22E-09	INHALATION
63 ALL	487702.68	3673445.97	0.0000917	91203	Naphthalene	5.34E-09	30YrCancerDerived	*	5.34E-09	INHALATION
64 ALL	487369.24	3673465.85	0.00000864	91203	Naphthalene	5.03E-10	30YrCancerDerived	*	5.03E-10	INHALATION
65 ALL	487390.08	3673465.85	0.00000918	91203	Naphthalene	5.34E-10	30YrCancerDerived	*	5.34E-10	INHALATION
66 ALL	487410.92	3673465.85	0.00000965	91203	Naphthalene	5.62E-10	30YrCancerDerived	*	5.62E-10	INHALATION
67 ALL	487431.76	3673465.85	0.0000104	91203	Naphthalene	6.04E-10	30YrCancerDerived	*	6.04E-10	INHALATION
68 ALL	487452.6	3673465.85	0.0000108	91203	Naphthalene	6.30E-10	30YrCancerDerived	*	6.30E-10	INHALATION
69 ALL	487473.44	3673465.85	0.0000111	91203	Naphthalene	6.46E-10	30YrCancerDerived	*	6.46E-10	INHALATION
70 ALL	487494.28	3673465.85	0.0000113	91203	Naphthalene	6.61E-10	30YrCancerDerived	*	6.61E-10	INHALATION
71 ALL	487515.12	3673465.85	0.0000112	91203	Naphthalene	6.52E-10	30YrCancerDerived	*	6.52E-10	INHALATION
72 ALL	487535.96	3673465.85	0.0000117	91203	Naphthalene	6.84E-10	30YrCancerDerived	*	6.84E-10	INHALATION
73 ALL	487556.8	3673465.85	0.0000128	91203	Naphthalene	7.46E-10	30YrCancerDerived	*	7.46E-10	INHALATION
74 ALL	487577.64	3673465.85	0.0000148	91203	Naphthalene	8.60E-10	30YrCancerDerived	*	8.60E-10	INHALATION
75 ALL	487598.48	3673465.85	0.0000196	91203	Naphthalene	1.14E-09	30YrCancerDerived	*	1.14E-09	INHALATION
76 ALL	487619.32	3673465.85	0.0000297	91203	Naphthalene	1.73E-09	30YrCancerDerived	*	1.73E-09	INHALATION
77 ALL	487640.16	3673465.85	0.0000569	91203	Naphthalene	3.31E-09	30YrCancerDerived	*	3.31E-09	INHALATION
78 ALL	487661	3673465.85	0.000103895	91203	Naphthalene	6.05E-09	30YrCancerDerived	*	6.05E-09	INHALATION
79 ALL	487681.84	3673465.85	0.000134821	91203	Naphthalene	7.85E-09	30YrCancerDerived	*	7.85E-09	INHALATION
80 ALL	487702.68	3673465.85	0.000141576	91203	Naphthalene	8.25E-09	30YrCancerDerived	*	8.25E-09	INHALATION
81 ALL	487348.4	3673485.73	0.00000838	91203	Naphthalene	4.88E-10	30YrCancerDerived	*	4.88E-10	INHALATION
82 ALL	487369.24	3673485.73	0.00000897	91203	Naphthalene	5.22E-10	30YrCancerDerived	*	5.22E-10	INHALATION
83 ALL	487390.08	3673485.73	0.00000978	91203	Naphthalene	5.70E-10	30YrCancerDerived	*	5.70E-10	INHALATION
84 ALL	487410.92	3673485.73	0.0000107	91203	Naphthalene	6.25E-10	30YrCancerDerived	*	6.25E-10	INHALATION
85 ALL	487431.76	3673485.73	0.0000116	91203	Naphthalene	6.75E-10	30YrCancerDerived	*	6.75E-10	INHALATION
86 ALL	487452.6	3673485.73	0.0000122	91203	Naphthalene	7.09E-10	30YrCancerDerived	*	7.09E-10	INHALATION
87 ALL	487473.44	3673485.73	0.0000123	91203	Naphthalene	7.18E-10	30YrCancerDerived	*	7.18E-10	INHALATION

88 ALL	487494.28	3673485.73	0.000012	91203 Naphthalene	6.98E-10 30YrCancerDerived	*	6.98E-10 INHALATION
89 ALL	487515.12	3673485.73	0.0000114	91203 Naphthalene	6.66E-10 30YrCancerDerived	*	6.66E-10 INHALATION
90 ALL	487535.96	3673485.73	0.0000119	91203 Naphthalene	6.96E-10 30YrCancerDerived	*	6.96E-10 INHALATION
91 ALL	487556.8	3673485.73	0.0000137	91203 Naphthalene	7.98E-10 30YrCancerDerived	*	7.98E-10 INHALATION
92 ALL	487577.64	3673485.73	0.0000175	91203 Naphthalene	1.02E-09 30YrCancerDerived	*	1.02E-09 INHALATION
93 ALL	487598.48	3673485.73	0.000026	91203 Naphthalene	1.52E-09 30YrCancerDerived	*	1.52E-09 INHALATION
94 ALL	487619.32	3673485.73	0.0000446	91203 Naphthalene	2.60E-09 30YrCancerDerived	*	2.60E-09 INHALATION
95 ALL	487640.16	3673485.73	0.0000847	91203 Naphthalene	4.93E-09 30YrCancerDerived	*	4.93E-09 INHALATION
96 ALL	487661	3673485.73	0.000121659	91203 Naphthalene	7.09E-09 30YrCancerDerived	*	7.09E-09 INHALATION
97 ALL	487681.84	3673485.73	0.000157467	91203 Naphthalene	9.17E-09 30YrCancerDerived	*	9.17E-09 INHALATION
98 ALL	487223.36	3673505.61	0.00000656	91203 Naphthalene	3.82E-10 30YrCancerDerived	*	3.82E-10 INHALATION
99 ALL	487244.2	3673505.61	0.00000678	91203 Naphthalene	3.95E-10 30YrCancerDerived	*	3.95E-10 INHALATION
100 ALL	487327.56	3673505.61	0.00000835	91203 Naphthalene	4.87E-10 30YrCancerDerived	*	4.87E-10 INHALATION
101 ALL	487348.4	3673505.61	0.0000088	91203 Naphthalene	5.13E-10 30YrCancerDerived	*	5.13E-10 INHALATION
102 ALL	487369.24	3673505.61	0.00000948	91203 Naphthalene	5.52E-10 30YrCancerDerived	*	5.52E-10 INHALATION
103 ALL	487390.08	3673505.61	0.0000104	91203 Naphthalene	6.07E-10 30YrCancerDerived	*	6.07E-10 INHALATION
104 ALL	487410.92	3673505.61	0.0000115	91203 Naphthalene	6.72E-10 30YrCancerDerived	*	6.72E-10 INHALATION
105 ALL	487431.76	3673505.61	0.0000134	91203 Naphthalene	7.80E-10 30YrCancerDerived	*	7.80E-10 INHALATION
106 ALL	487452.6	3673505.61	0.0000139	91203 Naphthalene	8.12E-10 30YrCancerDerived	*	8.12E-10 INHALATION
107 ALL	487473.44	3673505.61	0.0000138	91203 Naphthalene	8.04E-10 30YrCancerDerived	*	8.04E-10 INHALATION
108 ALL	487494.28	3673505.61	0.000013	91203 Naphthalene	7.56E-10 30YrCancerDerived	*	7.56E-10 INHALATION
109 ALL	487515.12	3673505.61	0.0000124	91203 Naphthalene	7.24E-10 30YrCancerDerived	*	7.24E-10 INHALATION
110 ALL	487535.96	3673505.61	0.0000125	91203 Naphthalene	7.28E-10 30YrCancerDerived	*	7.28E-10 INHALATION
111 ALL	487556.8	3673505.61	0.0000141	91203 Naphthalene	8.22E-10 30YrCancerDerived	*	8.22E-10 INHALATION
112 ALL	487577.64	3673505.61	0.0000203	91203 Naphthalene	1.18E-09 30YrCancerDerived	*	1.18E-09 INHALATION
113 ALL	487598.48	3673505.61	0.0000442	91203 Naphthalene	2.57E-09 30YrCancerDerived	*	2.57E-09 INHALATION
114 ALL	487619.32	3673505.61	0.0000923	91203 Naphthalene	5.38E-09 30YrCancerDerived	*	5.38E-09 INHALATION
115 ALL	487640.16	3673505.61	0.000125663	91203 Naphthalene	7.32E-09 30YrCancerDerived	*	7.32E-09 INHALATION
116 ALL	487661	3673505.61	0.000116232	91203 Naphthalene	6.77E-09 30YrCancerDerived	*	6.77E-09 INHALATION
117 ALL	487681.84	3673505.61	0.000130851	91203 Naphthalene	7.62E-09 30YrCancerDerived	*	7.62E-09 INHALATION
118 ALL	487223.36	3673525.49	0.00000662	91203 Naphthalene	3.86E-10 30YrCancerDerived	*	3.86E-10 INHALATION
119 ALL	487244.2	3673525.49	0.00000691	91203 Naphthalene	4.02E-10 30YrCancerDerived	*	4.02E-10 INHALATION
120 ALL	487265.04	3673525.49	0.00000741	91203 Naphthalene	4.32E-10 30YrCancerDerived	*	4.32E-10 INHALATION
121 ALL	487306.72	3673525.49	0.00000842	91203 Naphthalene	4.90E-10 30YrCancerDerived	*	4.90E-10 INHALATION
122 ALL	487327.56	3673525.49	0.0000088	91203 Naphthalene	5.13E-10 30YrCancerDerived	*	5.13E-10 INHALATION

123 ALL	487348.4	3673525.49	0.00000941	91203 Naphthalene	5.48E-10 30YrCancerDerived	*	5.48E-10 INHALATION
124 ALL	487369.24	3673525.49	0.0000103	91203 Naphthalene	5.98E-10 30YrCancerDerived	*	5.98E-10 INHALATION
125 ALL	487390.08	3673525.49	0.0000113	91203 Naphthalene	6.56E-10 30YrCancerDerived	*	6.56E-10 INHALATION
126 ALL	487410.92	3673525.49	0.0000125	91203 Naphthalene	7.25E-10 30YrCancerDerived	*	7.25E-10 INHALATION
127 ALL	487431.76	3673525.49	0.0000146	91203 Naphthalene	8.49E-10 30YrCancerDerived	*	8.49E-10 INHALATION
128 ALL	487452.6	3673525.49	0.000015	91203 Naphthalene	8.75E-10 30YrCancerDerived	*	8.75E-10 INHALATION
129 ALL	487473.44	3673525.49	0.0000153	91203 Naphthalene	8.91E-10 30YrCancerDerived	*	8.91E-10 INHALATION
130 ALL	487494.28	3673525.49	0.0000152	91203 Naphthalene	8.83E-10 30YrCancerDerived	*	8.83E-10 INHALATION
131 ALL	487515.12	3673525.49	0.0000147	91203 Naphthalene	8.57E-10 30YrCancerDerived	*	8.57E-10 INHALATION
132 ALL	487535.96	3673525.49	0.0000147	91203 Naphthalene	8.55E-10 30YrCancerDerived	*	8.55E-10 INHALATION
133 ALL	487556.8	3673525.49	0.0000159	91203 Naphthalene	9.27E-10 30YrCancerDerived	*	9.27E-10 INHALATION
134 ALL	487577.64	3673525.49	0.0000223	91203 Naphthalene	1.30E-09 30YrCancerDerived	*	1.30E-09 INHALATION
135 ALL	487598.48	3673525.49	0.0000502	91203 Naphthalene	2.92E-09 30YrCancerDerived	*	2.92E-09 INHALATION
136 ALL	487619.32	3673525.49	0.000118008	91203 Naphthalene	6.87E-09 30YrCancerDerived	*	6.87E-09 INHALATION
137 ALL	487640.16	3673525.49	0.0000662	91203 Naphthalene	3.86E-09 30YrCancerDerived	*	3.86E-09 INHALATION
138 ALL	487661	3673525.49	0.000045	91203 Naphthalene	2.62E-09 30YrCancerDerived	*	2.62E-09 INHALATION
139 ALL	487202.52	3673545.37	0.00000652	91203 Naphthalene	3.80E-10 30YrCancerDerived	*	3.80E-10 INHALATION
140 ALL	487223.36	3673545.37	0.00000671	91203 Naphthalene	3.91E-10 30YrCancerDerived	*	3.91E-10 INHALATION
141 ALL	487244.2	3673545.37	0.00000708	91203 Naphthalene	4.12E-10 30YrCancerDerived	*	4.12E-10 INHALATION
142 ALL	487265.04	3673545.37	0.00000761	91203 Naphthalene	4.43E-10 30YrCancerDerived	*	4.43E-10 INHALATION
143 ALL	487285.88	3673545.37	0.00000812	91203 Naphthalene	4.73E-10 30YrCancerDerived	*	4.73E-10 INHALATION
144 ALL	487306.72	3673545.37	0.00000859	91203 Naphthalene	5.00E-10 30YrCancerDerived	*	5.00E-10 INHALATION
145 ALL	487327.56	3673545.37	0.00000915	91203 Naphthalene	5.33E-10 30YrCancerDerived	*	5.33E-10 INHALATION
146 ALL	487348.4	3673545.37	0.00000969	91203 Naphthalene	5.65E-10 30YrCancerDerived	*	5.65E-10 INHALATION
147 ALL	487369.24	3673545.37	0.0000104	91203 Naphthalene	6.03E-10 30YrCancerDerived	*	6.03E-10 INHALATION
148 ALL	487390.08	3673545.37	0.0000112	91203 Naphthalene	6.54E-10 30YrCancerDerived	*	6.54E-10 INHALATION
149 ALL	487410.92	3673545.37	0.0000126	91203 Naphthalene	7.31E-10 30YrCancerDerived	*	7.31E-10 INHALATION
150 ALL	487431.76	3673545.37	0.0000132	91203 Naphthalene	7.70E-10 30YrCancerDerived	*	7.70E-10 INHALATION
151 ALL	487452.6	3673545.37	0.0000134	91203 Naphthalene	7.82E-10 30YrCancerDerived	*	7.82E-10 INHALATION
152 ALL	487473.44	3673545.37	0.0000142	91203 Naphthalene	8.29E-10 30YrCancerDerived	*	8.29E-10 INHALATION
153 ALL	487494.28	3673545.37	0.0000179	91203 Naphthalene	1.04E-09 30YrCancerDerived	*	1.04E-09 INHALATION
154 ALL	487515.12	3673545.37	0.0000196	91203 Naphthalene	1.14E-09 30YrCancerDerived	*	1.14E-09 INHALATION
155 ALL	487535.96	3673545.37	0.0000199	91203 Naphthalene	1.16E-09 30YrCancerDerived	*	1.16E-09 INHALATION
156 ALL	487556.8	3673545.37	0.00002	91203 Naphthalene	1.16E-09 30YrCancerDerived	*	1.16E-09 INHALATION
157 ALL	487577.64	3673545.37	0.0000289	91203 Naphthalene	1.68E-09 30YrCancerDerived	*	1.68E-09 INHALATION

158	ALL	487598.48	3673545.37	0.0000583	91203	Naphthalene	3.40E-09	30YrCancerDerived	*	3.40E-09	INHALATION
159	ALL	487619.32	3673545.37	0.0000457	91203	Naphthalene	2.66E-09	30YrCancerDerived	*	2.66E-09	INHALATION
160	ALL	487640.16	3673545.37	0.0000259	91203	Naphthalene	1.51E-09	30YrCancerDerived	*	1.51E-09	INHALATION
161	ALL	487661	3673545.37	0.0000229	91203	Naphthalene	1.33E-09	30YrCancerDerived	*	1.33E-09	INHALATION
162	ALL	487181.68	3673565.25	0.0000065	91203	Naphthalene	3.79E-10	30YrCancerDerived	*	3.79E-10	INHALATION
163	ALL	487202.52	3673565.25	0.00000663	91203	Naphthalene	3.86E-10	30YrCancerDerived	*	3.86E-10	INHALATION
164	ALL	487223.36	3673565.25	0.00000687	91203	Naphthalene	4.00E-10	30YrCancerDerived	*	4.00E-10	INHALATION
165	ALL	487244.2	3673565.25	0.00000717	91203	Naphthalene	4.18E-10	30YrCancerDerived	*	4.18E-10	INHALATION
166	ALL	487265.04	3673565.25	0.00000754	91203	Naphthalene	4.39E-10	30YrCancerDerived	*	4.39E-10	INHALATION
167	ALL	487285.88	3673565.25	0.0000079	91203	Naphthalene	4.60E-10	30YrCancerDerived	*	4.60E-10	INHALATION
168	ALL	487306.72	3673565.25	0.00000824	91203	Naphthalene	4.80E-10	30YrCancerDerived	*	4.80E-10	INHALATION
169	ALL	487327.56	3673565.25	0.00000866	91203	Naphthalene	5.04E-10	30YrCancerDerived	*	5.04E-10	INHALATION
170	ALL	487348.4	3673565.25	0.00000916	91203	Naphthalene	5.34E-10	30YrCancerDerived	*	5.34E-10	INHALATION
171	ALL	487369.24	3673565.25	0.0000099	91203	Naphthalene	5.77E-10	30YrCancerDerived	*	5.77E-10	INHALATION
172	ALL	487390.08	3673565.25	0.0000108	91203	Naphthalene	6.29E-10	30YrCancerDerived	*	6.29E-10	INHALATION
173	ALL	487410.92	3673565.25	0.0000117	91203	Naphthalene	6.81E-10	30YrCancerDerived	*	6.81E-10	INHALATION
174	ALL	487431.76	3673565.25	0.0000115	91203	Naphthalene	6.71E-10	30YrCancerDerived	*	6.71E-10	INHALATION
175	ALL	487452.6	3673565.25	0.0000117	91203	Naphthalene	6.83E-10	30YrCancerDerived	*	6.83E-10	INHALATION
176	ALL	487473.44	3673565.25	0.0000126	91203	Naphthalene	7.35E-10	30YrCancerDerived	*	7.35E-10	INHALATION
177	ALL	487494.28	3673565.25	0.0000149	91203	Naphthalene	8.68E-10	30YrCancerDerived	*	8.68E-10	INHALATION
178	ALL	487515.12	3673565.25	0.00002	91203	Naphthalene	1.17E-09	30YrCancerDerived	*	1.17E-09	INHALATION
179	ALL	487535.96	3673565.25	0.0000287	91203	Naphthalene	1.67E-09	30YrCancerDerived	*	1.67E-09	INHALATION
180	ALL	487556.8	3673565.25	0.0000402	91203	Naphthalene	2.34E-09	30YrCancerDerived	*	2.34E-09	INHALATION
181	ALL	487577.64	3673565.25	0.0000572	91203	Naphthalene	3.33E-09	30YrCancerDerived	*	3.33E-09	INHALATION
182	ALL	487598.48	3673565.25	0.000046	91203	Naphthalene	2.68E-09	30YrCancerDerived	*	2.68E-09	INHALATION
183	ALL	487619.32	3673565.25	0.000024	91203	Naphthalene	1.40E-09	30YrCancerDerived	*	1.40E-09	INHALATION
184	ALL	487640.16	3673565.25	0.0000185	91203	Naphthalene	1.08E-09	30YrCancerDerived	*	1.08E-09	INHALATION
185	ALL	487098.32	3673585.13	0.00000624	91203	Naphthalene	3.63E-10	30YrCancerDerived	*	3.63E-10	INHALATION
186	ALL	487119.16	3673585.13	0.00000634	91203	Naphthalene	3.69E-10	30YrCancerDerived	*	3.69E-10	INHALATION
187	ALL	487140	3673585.13	0.00000644	91203	Naphthalene	3.75E-10	30YrCancerDerived	*	3.75E-10	INHALATION
188	ALL	487160.84	3673585.13	0.00000657	91203	Naphthalene	3.83E-10	30YrCancerDerived	*	3.83E-10	INHALATION
189	ALL	487181.68	3673585.13	0.00000663	91203	Naphthalene	3.86E-10	30YrCancerDerived	*	3.86E-10	INHALATION
190	ALL	487202.52	3673585.13	0.00000667	91203	Naphthalene	3.88E-10	30YrCancerDerived	*	3.88E-10	INHALATION
191	ALL	487223.36	3673585.13	0.00000682	91203	Naphthalene	3.97E-10	30YrCancerDerived	*	3.97E-10	INHALATION
192	ALL	487244.2	3673585.13	0.00000704	91203	Naphthalene	4.10E-10	30YrCancerDerived	*	4.10E-10	INHALATION

193	ALL	487265.04	3673585.13	0.00000728	91203	Naphthalene	4.24E-10	30YrCancerDerived	*	4.24E-10	INHALATION
194	ALL	487285.88	3673585.13	0.00000756	91203	Naphthalene	4.40E-10	30YrCancerDerived	*	4.40E-10	INHALATION
195	ALL	487306.72	3673585.13	0.00000793	91203	Naphthalene	4.62E-10	30YrCancerDerived	*	4.62E-10	INHALATION
196	ALL	487327.56	3673585.13	0.00000828	91203	Naphthalene	4.82E-10	30YrCancerDerived	*	4.82E-10	INHALATION
197	ALL	487348.4	3673585.13	0.00000876	91203	Naphthalene	5.10E-10	30YrCancerDerived	*	5.10E-10	INHALATION
198	ALL	487369.24	3673585.13	0.00000942	91203	Naphthalene	5.49E-10	30YrCancerDerived	*	5.49E-10	INHALATION
199	ALL	487390.08	3673585.13	0.0000105	91203	Naphthalene	6.12E-10	30YrCancerDerived	*	6.12E-10	INHALATION
200	ALL	487410.92	3673585.13	0.000011	91203	Naphthalene	6.43E-10	30YrCancerDerived	*	6.43E-10	INHALATION
201	ALL	487431.76	3673585.13	0.0000106	91203	Naphthalene	6.16E-10	30YrCancerDerived	*	6.16E-10	INHALATION
202	ALL	487452.6	3673585.13	0.0000109	91203	Naphthalene	6.32E-10	30YrCancerDerived	*	6.32E-10	INHALATION
203	ALL	487473.44	3673585.13	0.0000116	91203	Naphthalene	6.75E-10	30YrCancerDerived	*	6.75E-10	INHALATION
204	ALL	487494.28	3673585.13	0.0000126	91203	Naphthalene	7.33E-10	30YrCancerDerived	*	7.33E-10	INHALATION
205	ALL	487515.12	3673585.13	0.0000155	91203	Naphthalene	9.04E-10	30YrCancerDerived	*	9.04E-10	INHALATION
206	ALL	487535.96	3673585.13	0.0000204	91203	Naphthalene	1.19E-09	30YrCancerDerived	*	1.19E-09	INHALATION
207	ALL	487556.8	3673585.13	0.0000294	91203	Naphthalene	1.71E-09	30YrCancerDerived	*	1.71E-09	INHALATION
208	ALL	487577.64	3673585.13	0.0000369	91203	Naphthalene	2.15E-09	30YrCancerDerived	*	2.15E-09	INHALATION
209	ALL	487598.48	3673585.13	0.0000241	91203	Naphthalene	1.41E-09	30YrCancerDerived	*	1.41E-09	INHALATION
210	ALL	487619.32	3673585.13	0.0000175	91203	Naphthalene	1.02E-09	30YrCancerDerived	*	1.02E-09	INHALATION
211	ALL	487098.32	3673605.01	0.00000646	91203	Naphthalene	3.76E-10	30YrCancerDerived	*	3.76E-10	INHALATION
212	ALL	487119.16	3673605.01	0.00000656	91203	Naphthalene	3.82E-10	30YrCancerDerived	*	3.82E-10	INHALATION
213	ALL	487140	3673605.01	0.00000666	91203	Naphthalene	3.88E-10	30YrCancerDerived	*	3.88E-10	INHALATION
214	ALL	487160.84	3673605.01	0.00000673	91203	Naphthalene	3.92E-10	30YrCancerDerived	*	3.92E-10	INHALATION
215	ALL	487181.68	3673605.01	0.00000667	91203	Naphthalene	3.88E-10	30YrCancerDerived	*	3.88E-10	INHALATION
216	ALL	487202.52	3673605.01	0.00000664	91203	Naphthalene	3.87E-10	30YrCancerDerived	*	3.87E-10	INHALATION
217	ALL	487223.36	3673605.01	0.00000672	91203	Naphthalene	3.92E-10	30YrCancerDerived	*	3.92E-10	INHALATION
218	ALL	487244.2	3673605.01	0.00000694	91203	Naphthalene	4.04E-10	30YrCancerDerived	*	4.04E-10	INHALATION
219	ALL	487265.04	3673605.01	0.0000072	91203	Naphthalene	4.20E-10	30YrCancerDerived	*	4.20E-10	INHALATION
220	ALL	487285.88	3673605.01	0.00000745	91203	Naphthalene	4.34E-10	30YrCancerDerived	*	4.34E-10	INHALATION
221	ALL	487306.72	3673605.01	0.00000772	91203	Naphthalene	4.49E-10	30YrCancerDerived	*	4.49E-10	INHALATION
222	ALL	487327.56	3673605.01	0.00000801	91203	Naphthalene	4.66E-10	30YrCancerDerived	*	4.66E-10	INHALATION
223	ALL	487348.4	3673605.01	0.00000851	91203	Naphthalene	4.96E-10	30YrCancerDerived	*	4.96E-10	INHALATION
224	ALL	487369.24	3673605.01	0.00000919	91203	Naphthalene	5.35E-10	30YrCancerDerived	*	5.35E-10	INHALATION
225	ALL	487390.08	3673605.01	0.0000102	91203	Naphthalene	5.96E-10	30YrCancerDerived	*	5.96E-10	INHALATION
226	ALL	487410.92	3673605.01	0.0000106	91203	Naphthalene	6.19E-10	30YrCancerDerived	*	6.19E-10	INHALATION
227	ALL	487431.76	3673605.01	0.00001	91203	Naphthalene	5.83E-10	30YrCancerDerived	*	5.83E-10	INHALATION

228	ALL	487452.6	3673605.01	0.0000102	91203	Naphthalene	5.96E-10	30YrCancerDerived	*	5.96E-10	INHALATION
229	ALL	487473.44	3673605.01	0.000011	91203	Naphthalene	6.39E-10	30YrCancerDerived	*	6.39E-10	INHALATION
230	ALL	487494.28	3673605.01	0.0000119	91203	Naphthalene	6.94E-10	30YrCancerDerived	*	6.94E-10	INHALATION
231	ALL	487515.12	3673605.01	0.0000136	91203	Naphthalene	7.91E-10	30YrCancerDerived	*	7.91E-10	INHALATION
232	ALL	487535.96	3673605.01	0.0000175	91203	Naphthalene	1.02E-09	30YrCancerDerived	*	1.02E-09	INHALATION
233	ALL	487556.8	3673605.01	0.0000239	91203	Naphthalene	1.39E-09	30YrCancerDerived	*	1.39E-09	INHALATION
234	ALL	487577.64	3673605.01	0.0000226	91203	Naphthalene	1.31E-09	30YrCancerDerived	*	1.31E-09	INHALATION
235	ALL	487598.48	3673605.01	0.000017	91203	Naphthalene	9.90E-10	30YrCancerDerived	*	9.90E-10	INHALATION
236	ALL	487119.16	3673624.89	0.00000686	91203	Naphthalene	4.00E-10	30YrCancerDerived	*	4.00E-10	INHALATION
237	ALL	487140	3673624.89	0.00000682	91203	Naphthalene	3.97E-10	30YrCancerDerived	*	3.97E-10	INHALATION
238	ALL	487160.84	3673624.89	0.0000068	91203	Naphthalene	3.96E-10	30YrCancerDerived	*	3.96E-10	INHALATION
239	ALL	487181.68	3673624.89	0.00000675	91203	Naphthalene	3.93E-10	30YrCancerDerived	*	3.93E-10	INHALATION
240	ALL	487202.52	3673624.89	0.00000669	91203	Naphthalene	3.90E-10	30YrCancerDerived	*	3.90E-10	INHALATION
241	ALL	487223.36	3673624.89	0.00000671	91203	Naphthalene	3.91E-10	30YrCancerDerived	*	3.91E-10	INHALATION
242	ALL	487244.2	3673624.89	0.00000688	91203	Naphthalene	4.01E-10	30YrCancerDerived	*	4.01E-10	INHALATION
243	ALL	487265.04	3673624.89	0.00000717	91203	Naphthalene	4.18E-10	30YrCancerDerived	*	4.18E-10	INHALATION
244	ALL	487285.88	3673624.89	0.00000742	91203	Naphthalene	4.32E-10	30YrCancerDerived	*	4.32E-10	INHALATION
245	ALL	487306.72	3673624.89	0.00000768	91203	Naphthalene	4.47E-10	30YrCancerDerived	*	4.47E-10	INHALATION
246	ALL	487327.56	3673624.89	0.000008	91203	Naphthalene	4.66E-10	30YrCancerDerived	*	4.66E-10	INHALATION
247	ALL	487348.4	3673624.89	0.0000085	91203	Naphthalene	4.95E-10	30YrCancerDerived	*	4.95E-10	INHALATION
248	ALL	487369.24	3673624.89	0.00000916	91203	Naphthalene	5.34E-10	30YrCancerDerived	*	5.34E-10	INHALATION
249	ALL	487390.08	3673624.89	0.0000101	91203	Naphthalene	5.89E-10	30YrCancerDerived	*	5.89E-10	INHALATION
250	ALL	487410.92	3673624.89	0.0000105	91203	Naphthalene	6.12E-10	30YrCancerDerived	*	6.12E-10	INHALATION
251	ALL	487431.76	3673624.89	0.00000981	91203	Naphthalene	5.71E-10	30YrCancerDerived	*	5.71E-10	INHALATION
252	ALL	487452.6	3673624.89	0.00000994	91203	Naphthalene	5.79E-10	30YrCancerDerived	*	5.79E-10	INHALATION
253	ALL	487473.44	3673624.89	0.0000105	91203	Naphthalene	6.14E-10	30YrCancerDerived	*	6.14E-10	INHALATION
254	ALL	487494.28	3673624.89	0.0000116	91203	Naphthalene	6.75E-10	30YrCancerDerived	*	6.75E-10	INHALATION
255	ALL	487515.12	3673624.89	0.0000132	91203	Naphthalene	7.69E-10	30YrCancerDerived	*	7.69E-10	INHALATION
256	ALL	487535.96	3673624.89	0.0000163	91203	Naphthalene	9.51E-10	30YrCancerDerived	*	9.51E-10	INHALATION
257	ALL	487556.8	3673624.89	0.000018	91203	Naphthalene	1.05E-09	30YrCancerDerived	*	1.05E-09	INHALATION
258	ALL	487577.64	3673624.89	0.0000157	91203	Naphthalene	9.17E-10	30YrCancerDerived	*	9.17E-10	INHALATION
259	ALL	487119.16	3673644.77	0.00000684	91203	Naphthalene	3.98E-10	30YrCancerDerived	*	3.98E-10	INHALATION
260	ALL	487140	3673644.77	0.00000675	91203	Naphthalene	3.93E-10	30YrCancerDerived	*	3.93E-10	INHALATION
261	ALL	487160.84	3673644.77	0.00000677	91203	Naphthalene	3.94E-10	30YrCancerDerived	*	3.94E-10	INHALATION
262	ALL	487181.68	3673644.77	0.00000679	91203	Naphthalene	3.96E-10	30YrCancerDerived	*	3.96E-10	INHALATION

263	ALL	487202.52	3673644.77	0.00000678	91203	Naphthalene	3.95E-10	30YrCancerDerived	*	3.95E-10	INHALATION
264	ALL	487223.36	3673644.77	0.00000679	91203	Naphthalene	3.95E-10	30YrCancerDerived	*	3.95E-10	INHALATION
265	ALL	487244.2	3673644.77	0.00000691	91203	Naphthalene	4.03E-10	30YrCancerDerived	*	4.03E-10	INHALATION
266	ALL	487265.04	3673644.77	0.00000718	91203	Naphthalene	4.18E-10	30YrCancerDerived	*	4.18E-10	INHALATION
267	ALL	487285.88	3673644.77	0.00000745	91203	Naphthalene	4.34E-10	30YrCancerDerived	*	4.34E-10	INHALATION
268	ALL	487306.72	3673644.77	0.00000773	91203	Naphthalene	4.50E-10	30YrCancerDerived	*	4.50E-10	INHALATION
269	ALL	487327.56	3673644.77	0.00000804	91203	Naphthalene	4.68E-10	30YrCancerDerived	*	4.68E-10	INHALATION
270	ALL	487348.4	3673644.77	0.00000846	91203	Naphthalene	4.93E-10	30YrCancerDerived	*	4.93E-10	INHALATION
271	ALL	487369.24	3673644.77	0.000009	91203	Naphthalene	5.24E-10	30YrCancerDerived	*	5.24E-10	INHALATION
272	ALL	487390.08	3673644.77	0.00000983	91203	Naphthalene	5.73E-10	30YrCancerDerived	*	5.73E-10	INHALATION
273	ALL	487410.92	3673644.77	0.0000104	91203	Naphthalene	6.08E-10	30YrCancerDerived	*	6.08E-10	INHALATION
274	ALL	487431.76	3673644.77	0.00000989	91203	Naphthalene	5.76E-10	30YrCancerDerived	*	5.76E-10	INHALATION
275	ALL	487452.6	3673644.77	0.00000974	91203	Naphthalene	5.67E-10	30YrCancerDerived	*	5.67E-10	INHALATION
276	ALL	487473.44	3673644.77	0.0000103	91203	Naphthalene	5.97E-10	30YrCancerDerived	*	5.97E-10	INHALATION
277	ALL	487494.28	3673644.77	0.0000115	91203	Naphthalene	6.68E-10	30YrCancerDerived	*	6.68E-10	INHALATION
278	ALL	487515.12	3673644.77	0.0000132	91203	Naphthalene	7.69E-10	30YrCancerDerived	*	7.69E-10	INHALATION
279	ALL	487535.96	3673644.77	0.000015	91203	Naphthalene	8.74E-10	30YrCancerDerived	*	8.74E-10	INHALATION
280	ALL	487556.8	3673644.77	0.0000147	91203	Naphthalene	8.56E-10	30YrCancerDerived	*	8.56E-10	INHALATION
281	ALL	487160.84	3673664.65	0.00000667	91203	Naphthalene	3.88E-10	30YrCancerDerived	*	3.88E-10	INHALATION
282	ALL	487181.68	3673664.65	0.00000673	91203	Naphthalene	3.92E-10	30YrCancerDerived	*	3.92E-10	INHALATION
283	ALL	487202.52	3673664.65	0.00000676	91203	Naphthalene	3.94E-10	30YrCancerDerived	*	3.94E-10	INHALATION
284	ALL	487223.36	3673664.65	0.00000682	91203	Naphthalene	3.97E-10	30YrCancerDerived	*	3.97E-10	INHALATION
285	ALL	487244.2	3673664.65	0.00000696	91203	Naphthalene	4.05E-10	30YrCancerDerived	*	4.05E-10	INHALATION
286	ALL	487327.56	3673664.65	0.00000821	91203	Naphthalene	4.78E-10	30YrCancerDerived	*	4.78E-10	INHALATION
287	ALL	487348.4	3673664.65	0.00000863	91203	Naphthalene	5.03E-10	30YrCancerDerived	*	5.03E-10	INHALATION
288	ALL	487369.24	3673664.65	0.00000903	91203	Naphthalene	5.26E-10	30YrCancerDerived	*	5.26E-10	INHALATION
289	ALL	487390.08	3673664.65	0.00000978	91203	Naphthalene	5.70E-10	30YrCancerDerived	*	5.70E-10	INHALATION
290	ALL	487410.92	3673664.65	0.0000105	91203	Naphthalene	6.11E-10	30YrCancerDerived	*	6.11E-10	INHALATION
291	ALL	487431.76	3673664.65	0.00001	91203	Naphthalene	5.82E-10	30YrCancerDerived	*	5.82E-10	INHALATION
292	ALL	487452.6	3673664.65	0.00000974	91203	Naphthalene	5.67E-10	30YrCancerDerived	*	5.67E-10	INHALATION
293	ALL	487473.44	3673664.65	0.0000102	91203	Naphthalene	5.95E-10	30YrCancerDerived	*	5.95E-10	INHALATION
294	ALL	487494.28	3673664.65	0.0000117	91203	Naphthalene	6.80E-10	30YrCancerDerived	*	6.80E-10	INHALATION
295	ALL	487515.12	3673664.65	0.0000131	91203	Naphthalene	7.66E-10	30YrCancerDerived	*	7.66E-10	INHALATION
296	ALL	487535.96	3673664.65	0.0000135	91203	Naphthalene	7.87E-10	30YrCancerDerived	*	7.87E-10	INHALATION
297	ALL	487348.4	3673684.53	0.00000889	91203	Naphthalene	5.18E-10	30YrCancerDerived	*	5.18E-10	INHALATION

298 ALL	487369.24	3673684.53	0.00000931	91203 Naphthalene	5.42E-10 30YrCancerDerived	*	5.42E-10 INHALATION
299 ALL	487390.08	3673684.53	0.00000998	91203 Naphthalene	5.81E-10 30YrCancerDerived	*	5.81E-10 INHALATION
300 ALL	487410.92	3673684.53	0.0000103	91203 Naphthalene	6.00E-10 30YrCancerDerived	*	6.00E-10 INHALATION
301 ALL	487431.76	3673684.53	0.00001	91203 Naphthalene	5.84E-10 30YrCancerDerived	*	5.84E-10 INHALATION
302 ALL	487452.6	3673684.53	0.00000989	91203 Naphthalene	5.76E-10 30YrCancerDerived	*	5.76E-10 INHALATION
303 ALL	487473.44	3673684.53	0.0000106	91203 Naphthalene	6.19E-10 30YrCancerDerived	*	6.19E-10 INHALATION
304 ALL	487494.28	3673684.53	0.000012	91203 Naphthalene	7.01E-10 30YrCancerDerived	*	7.01E-10 INHALATION
305 ALL	487515.12	3673684.53	0.0000126	91203 Naphthalene	7.35E-10 30YrCancerDerived	*	7.35E-10 INHALATION
306 ALL	487390.08	3673704.41	0.0000099	91203 Naphthalene	5.77E-10 30YrCancerDerived	*	5.77E-10 INHALATION
307 ALL	487410.92	3673704.41	0.0000101	91203 Naphthalene	5.86E-10 30YrCancerDerived	*	5.86E-10 INHALATION
308 ALL	487431.76	3673704.41	0.00000986	91203 Naphthalene	5.74E-10 30YrCancerDerived	*	5.74E-10 INHALATION
309 ALL	487452.6	3673704.41	0.00001	91203 Naphthalene	5.85E-10 30YrCancerDerived	*	5.85E-10 INHALATION
310 ALL	487473.44	3673704.41	0.000011	91203 Naphthalene	6.40E-10 30YrCancerDerived	*	6.40E-10 INHALATION
311 ALL	487494.28	3673704.41	0.0000119	91203 Naphthalene	6.90E-10 30YrCancerDerived	*	6.90E-10 INHALATION
312 ALL	487390.08	3673724.29	0.00000976	91203 Naphthalene	5.68E-10 30YrCancerDerived	*	5.68E-10 INHALATION
313 ALL	487410.92	3673724.29	0.00000989	91203 Naphthalene	5.76E-10 30YrCancerDerived	*	5.76E-10 INHALATION
314 ALL	487431.76	3673724.29	0.00000988	91203 Naphthalene	5.76E-10 30YrCancerDerived	*	5.76E-10 INHALATION
315 ALL	487452.6	3673724.29	0.0000102	91203 Naphthalene	5.96E-10 30YrCancerDerived	*	5.96E-10 INHALATION
316 ALL	487473.44	3673724.29	0.0000111	91203 Naphthalene	6.45E-10 30YrCancerDerived	*	6.45E-10 INHALATION
317 ALL	487410.92	3673744.17	0.00000986	91203 Naphthalene	5.74E-10 30YrCancerDerived	*	5.74E-10 INHALATION
318 ALL	487431.76	3673744.17	0.00001	91203 Naphthalene	5.83E-10 30YrCancerDerived	*	5.83E-10 INHALATION
319 ALL	487452.6	3673744.17	0.0000104	91203 Naphthalene	6.06E-10 30YrCancerDerived	*	6.06E-10 INHALATION
320 ALL	487473.44	3673744.17	0.0000109	91203 Naphthalene	6.34E-10 30YrCancerDerived	*	6.34E-10 INHALATION
321 ALL	487410.92	3673764.05	0.00000986	91203 Naphthalene	5.74E-10 30YrCancerDerived	*	5.74E-10 INHALATION
322 ALL	487431.76	3673764.05	0.00001	91203 Naphthalene	5.85E-10 30YrCancerDerived	*	5.85E-10 INHALATION
323 ALL	487452.6	3673764.05	0.0000105	91203 Naphthalene	6.11E-10 30YrCancerDerived	*	6.11E-10 INHALATION
324 ALL	487431.76	3673783.93	0.00001	91203 Naphthalene	5.85E-10 30YrCancerDerived	*	5.85E-10 INHALATION
325 ALL	487452.6	3673783.93	0.0000105	91203 Naphthalene	6.09E-10 30YrCancerDerived	*	6.09E-10 INHALATION
326 ALL	487014.96	3674221.29	0.00000805	91203 Naphthalene	4.69E-10 30YrCancerDerived	*	4.69E-10 INHALATION
327 ALL	487035.8	3674221.29	0.00000814	91203 Naphthalene	4.74E-10 30YrCancerDerived	*	4.74E-10 INHALATION
328 ALL	487056.64	3674221.29	0.00000826	91203 Naphthalene	4.81E-10 30YrCancerDerived	*	4.81E-10 INHALATION
329 ALL	487077.48	3674221.29	0.00000838	91203 Naphthalene	4.88E-10 30YrCancerDerived	*	4.88E-10 INHALATION
330 ALL	487098.32	3674221.29	0.00000851	91203 Naphthalene	4.96E-10 30YrCancerDerived	*	4.96E-10 INHALATION
331 ALL	487119.16	3674221.29	0.0000087	91203 Naphthalene	5.07E-10 30YrCancerDerived	*	5.07E-10 INHALATION
332 ALL	487140	3674221.29	0.00000898	91203 Naphthalene	5.23E-10 30YrCancerDerived	*	5.23E-10 INHALATION

333 ALL	487160.84	3674221.29	0.00000926	91203 Naphthalene	5.39E-10 30YrCancerDerived	*	5.39E-10 INHALATION
334 ALL	487181.68	3674221.29	0.00000956	91203 Naphthalene	5.57E-10 30YrCancerDerived	*	5.57E-10 INHALATION
335 ALL	486973.28	3674241.17	0.0000079	91203 Naphthalene	4.60E-10 30YrCancerDerived	*	4.60E-10 INHALATION
336 ALL	486994.12	3674241.17	0.00000787	91203 Naphthalene	4.58E-10 30YrCancerDerived	*	4.58E-10 INHALATION
337 ALL	487014.96	3674241.17	0.000008	91203 Naphthalene	4.66E-10 30YrCancerDerived	*	4.66E-10 INHALATION
338 ALL	487035.8	3674241.17	0.00000818	91203 Naphthalene	4.76E-10 30YrCancerDerived	*	4.76E-10 INHALATION
339 ALL	487056.64	3674241.17	0.00000834	91203 Naphthalene	4.85E-10 30YrCancerDerived	*	4.85E-10 INHALATION
340 ALL	487077.48	3674241.17	0.00000844	91203 Naphthalene	4.92E-10 30YrCancerDerived	*	4.92E-10 INHALATION
341 ALL	487098.32	3674241.17	0.0000086	91203 Naphthalene	5.01E-10 30YrCancerDerived	*	5.01E-10 INHALATION
342 ALL	487119.16	3674241.17	0.00000884	91203 Naphthalene	5.15E-10 30YrCancerDerived	*	5.15E-10 INHALATION
343 ALL	487140	3674241.17	0.00000917	91203 Naphthalene	5.34E-10 30YrCancerDerived	*	5.34E-10 INHALATION
344 ALL	487160.84	3674241.17	0.00000951	91203 Naphthalene	5.54E-10 30YrCancerDerived	*	5.54E-10 INHALATION
345 ALL	487181.68	3674241.17	0.00000991	91203 Naphthalene	5.77E-10 30YrCancerDerived	*	5.77E-10 INHALATION
346 ALL	486952.44	3674261.05	0.00000788	91203 Naphthalene	4.59E-10 30YrCancerDerived	*	4.59E-10 INHALATION
347 ALL	486973.28	3674261.05	0.00000779	91203 Naphthalene	4.54E-10 30YrCancerDerived	*	4.54E-10 INHALATION
348 ALL	486994.12	3674261.05	0.00000783	91203 Naphthalene	4.56E-10 30YrCancerDerived	*	4.56E-10 INHALATION
349 ALL	487014.96	3674261.05	0.00000799	91203 Naphthalene	4.65E-10 30YrCancerDerived	*	4.65E-10 INHALATION
350 ALL	487035.8	3674261.05	0.00000817	91203 Naphthalene	4.76E-10 30YrCancerDerived	*	4.76E-10 INHALATION
351 ALL	487056.64	3674261.05	0.00000833	91203 Naphthalene	4.85E-10 30YrCancerDerived	*	4.85E-10 INHALATION
352 ALL	487077.48	3674261.05	0.00000847	91203 Naphthalene	4.93E-10 30YrCancerDerived	*	4.93E-10 INHALATION
353 ALL	487098.32	3674261.05	0.00000867	91203 Naphthalene	5.05E-10 30YrCancerDerived	*	5.05E-10 INHALATION
354 ALL	487119.16	3674261.05	0.00000895	91203 Naphthalene	5.21E-10 30YrCancerDerived	*	5.21E-10 INHALATION
355 ALL	487140	3674261.05	0.00000929	91203 Naphthalene	5.41E-10 30YrCancerDerived	*	5.41E-10 INHALATION
356 ALL	487160.84	3674261.05	0.00000967	91203 Naphthalene	5.63E-10 30YrCancerDerived	*	5.63E-10 INHALATION
357 ALL	487181.68	3674261.05	0.0000102	91203 Naphthalene	5.92E-10 30YrCancerDerived	*	5.92E-10 INHALATION
358 ALL	486931.6	3674280.93	0.00000804	91203 Naphthalene	4.68E-10 30YrCancerDerived	*	4.68E-10 INHALATION
359 ALL	486952.44	3674280.93	0.00000783	91203 Naphthalene	4.56E-10 30YrCancerDerived	*	4.56E-10 INHALATION
360 ALL	486973.28	3674280.93	0.00000775	91203 Naphthalene	4.51E-10 30YrCancerDerived	*	4.51E-10 INHALATION
361 ALL	486994.12	3674280.93	0.00000784	91203 Naphthalene	4.56E-10 30YrCancerDerived	*	4.56E-10 INHALATION
362 ALL	487014.96	3674280.93	0.00000801	91203 Naphthalene	4.66E-10 30YrCancerDerived	*	4.66E-10 INHALATION
363 ALL	487035.8	3674280.93	0.00000819	91203 Naphthalene	4.77E-10 30YrCancerDerived	*	4.77E-10 INHALATION
364 ALL	487056.64	3674280.93	0.00000833	91203 Naphthalene	4.85E-10 30YrCancerDerived	*	4.85E-10 INHALATION
365 ALL	487077.48	3674280.93	0.00000848	91203 Naphthalene	4.94E-10 30YrCancerDerived	*	4.94E-10 INHALATION
366 ALL	487098.32	3674280.93	0.0000088	91203 Naphthalene	5.12E-10 30YrCancerDerived	*	5.12E-10 INHALATION
367 ALL	487119.16	3674280.93	0.00000914	91203 Naphthalene	5.32E-10 30YrCancerDerived	*	5.32E-10 INHALATION

368 ALL	487140	3674280.93	0.00000944	91203	Naphthalene	5.50E-10	30YrCancerDerived	*	5.50E-10	INHALATION
369 ALL	487160.84	3674280.93	0.00000983	91203	Naphthalene	5.73E-10	30YrCancerDerived	*	5.73E-10	INHALATION
370 ALL	487181.68	3674280.93	0.0000104	91203	Naphthalene	6.09E-10	30YrCancerDerived	*	6.09E-10	INHALATION
371 ALL	486889.92	3674300.81	0.00000901	91203	Naphthalene	5.25E-10	30YrCancerDerived	*	5.25E-10	INHALATION
372 ALL	486910.76	3674300.81	0.00000844	91203	Naphthalene	4.92E-10	30YrCancerDerived	*	4.92E-10	INHALATION
373 ALL	486931.6	3674300.81	0.00000796	91203	Naphthalene	4.64E-10	30YrCancerDerived	*	4.64E-10	INHALATION
374 ALL	486952.44	3674300.81	0.00000783	91203	Naphthalene	4.56E-10	30YrCancerDerived	*	4.56E-10	INHALATION
375 ALL	486973.28	3674300.81	0.0000078	91203	Naphthalene	4.54E-10	30YrCancerDerived	*	4.54E-10	INHALATION
376 ALL	486994.12	3674300.81	0.00000791	91203	Naphthalene	4.60E-10	30YrCancerDerived	*	4.60E-10	INHALATION
377 ALL	487014.96	3674300.81	0.00000807	91203	Naphthalene	4.70E-10	30YrCancerDerived	*	4.70E-10	INHALATION
378 ALL	487035.8	3674300.81	0.00000823	91203	Naphthalene	4.79E-10	30YrCancerDerived	*	4.79E-10	INHALATION
379 ALL	487056.64	3674300.81	0.00000837	91203	Naphthalene	4.87E-10	30YrCancerDerived	*	4.87E-10	INHALATION
380 ALL	487077.48	3674300.81	0.00000857	91203	Naphthalene	4.99E-10	30YrCancerDerived	*	4.99E-10	INHALATION
381 ALL	487098.32	3674300.81	0.000009	91203	Naphthalene	5.24E-10	30YrCancerDerived	*	5.24E-10	INHALATION
382 ALL	487119.16	3674300.81	0.00000938	91203	Naphthalene	5.47E-10	30YrCancerDerived	*	5.47E-10	INHALATION
383 ALL	487140	3674300.81	0.0000097	91203	Naphthalene	5.65E-10	30YrCancerDerived	*	5.65E-10	INHALATION
384 ALL	487160.84	3674300.81	0.0000101	91203	Naphthalene	5.88E-10	30YrCancerDerived	*	5.88E-10	INHALATION
385 ALL	487181.68	3674300.81	0.0000108	91203	Naphthalene	6.27E-10	30YrCancerDerived	*	6.27E-10	INHALATION
386 ALL	486869.08	3674320.69	0.00001	91203	Naphthalene	5.84E-10	30YrCancerDerived	*	5.84E-10	INHALATION
387 ALL	486889.92	3674320.69	0.00000917	91203	Naphthalene	5.34E-10	30YrCancerDerived	*	5.34E-10	INHALATION
388 ALL	486910.76	3674320.69	0.00000847	91203	Naphthalene	4.93E-10	30YrCancerDerived	*	4.93E-10	INHALATION
389 ALL	486931.6	3674320.69	0.00000799	91203	Naphthalene	4.66E-10	30YrCancerDerived	*	4.66E-10	INHALATION
390 ALL	486952.44	3674320.69	0.00000791	91203	Naphthalene	4.60E-10	30YrCancerDerived	*	4.60E-10	INHALATION
391 ALL	486973.28	3674320.69	0.00000791	91203	Naphthalene	4.61E-10	30YrCancerDerived	*	4.61E-10	INHALATION
392 ALL	486994.12	3674320.69	0.00000801	91203	Naphthalene	4.67E-10	30YrCancerDerived	*	4.67E-10	INHALATION
393 ALL	487014.96	3674320.69	0.00000822	91203	Naphthalene	4.79E-10	30YrCancerDerived	*	4.79E-10	INHALATION
394 ALL	487035.8	3674320.69	0.00000839	91203	Naphthalene	4.89E-10	30YrCancerDerived	*	4.89E-10	INHALATION
395 ALL	487056.64	3674320.69	0.0000085	91203	Naphthalene	4.95E-10	30YrCancerDerived	*	4.95E-10	INHALATION
396 ALL	487077.48	3674320.69	0.00000878	91203	Naphthalene	5.11E-10	30YrCancerDerived	*	5.11E-10	INHALATION
397 ALL	487098.32	3674320.69	0.00000921	91203	Naphthalene	5.36E-10	30YrCancerDerived	*	5.36E-10	INHALATION
398 ALL	487119.16	3674320.69	0.0000096	91203	Naphthalene	5.59E-10	30YrCancerDerived	*	5.59E-10	INHALATION
399 ALL	487140	3674320.69	0.00001	91203	Naphthalene	5.83E-10	30YrCancerDerived	*	5.83E-10	INHALATION
400 ALL	487160.84	3674320.69	0.0000105	91203	Naphthalene	6.09E-10	30YrCancerDerived	*	6.09E-10	INHALATION
401 ALL	487181.68	3674320.69	0.0000111	91203	Naphthalene	6.46E-10	30YrCancerDerived	*	6.46E-10	INHALATION
402 ALL	486848.24	3674340.57	0.0000123	91203	Naphthalene	7.17E-10	30YrCancerDerived	*	7.17E-10	INHALATION

403 ALL	486869.08	3674340.57	0.0000106	91203 Naphthalene	6.17E-10 30YrCancerDerived	*	6.17E-10 INHALATION
404 ALL	486889.92	3674340.57	0.0000095	91203 Naphthalene	5.53E-10 30YrCancerDerived	*	5.53E-10 INHALATION
405 ALL	486910.76	3674340.57	0.00000871	91203 Naphthalene	5.07E-10 30YrCancerDerived	*	5.07E-10 INHALATION
406 ALL	486931.6	3674340.57	0.00000815	91203 Naphthalene	4.75E-10 30YrCancerDerived	*	4.75E-10 INHALATION
407 ALL	486952.44	3674340.57	0.00000804	91203 Naphthalene	4.69E-10 30YrCancerDerived	*	4.69E-10 INHALATION
408 ALL	486973.28	3674340.57	0.00000811	91203 Naphthalene	4.72E-10 30YrCancerDerived	*	4.72E-10 INHALATION
409 ALL	486994.12	3674340.57	0.00000828	91203 Naphthalene	4.82E-10 30YrCancerDerived	*	4.82E-10 INHALATION
410 ALL	487014.96	3674340.57	0.00000847	91203 Naphthalene	4.94E-10 30YrCancerDerived	*	4.94E-10 INHALATION
411 ALL	487035.8	3674340.57	0.00000858	91203 Naphthalene	5.00E-10 30YrCancerDerived	*	5.00E-10 INHALATION
412 ALL	487056.64	3674340.57	0.00000871	91203 Naphthalene	5.07E-10 30YrCancerDerived	*	5.07E-10 INHALATION
413 ALL	487077.48	3674340.57	0.00000899	91203 Naphthalene	5.24E-10 30YrCancerDerived	*	5.24E-10 INHALATION
414 ALL	487098.32	3674340.57	0.0000094	91203 Naphthalene	5.48E-10 30YrCancerDerived	*	5.48E-10 INHALATION
415 ALL	487119.16	3674340.57	0.00000979	91203 Naphthalene	5.70E-10 30YrCancerDerived	*	5.70E-10 INHALATION
416 ALL	487140	3674340.57	0.0000103	91203 Naphthalene	5.98E-10 30YrCancerDerived	*	5.98E-10 INHALATION
417 ALL	487160.84	3674340.57	0.0000108	91203 Naphthalene	6.32E-10 30YrCancerDerived	*	6.32E-10 INHALATION
418 ALL	487181.68	3674340.57	0.0000116	91203 Naphthalene	6.74E-10 30YrCancerDerived	*	6.74E-10 INHALATION
419 ALL	486806.56	3674360.45	0.0000167	91203 Naphthalene	9.70E-10 30YrCancerDerived	*	9.70E-10 INHALATION
420 ALL	486827.4	3674360.45	0.0000143	91203 Naphthalene	8.32E-10 30YrCancerDerived	*	8.32E-10 INHALATION
421 ALL	486848.24	3674360.45	0.0000125	91203 Naphthalene	7.28E-10 30YrCancerDerived	*	7.28E-10 INHALATION
422 ALL	486869.08	3674360.45	0.0000111	91203 Naphthalene	6.46E-10 30YrCancerDerived	*	6.46E-10 INHALATION
423 ALL	486889.92	3674360.45	0.00000997	91203 Naphthalene	5.80E-10 30YrCancerDerived	*	5.80E-10 INHALATION
424 ALL	486910.76	3674360.45	0.00000912	91203 Naphthalene	5.31E-10 30YrCancerDerived	*	5.31E-10 INHALATION
425 ALL	486931.6	3674360.45	0.00000855	91203 Naphthalene	4.98E-10 30YrCancerDerived	*	4.98E-10 INHALATION
426 ALL	486952.44	3674360.45	0.00000833	91203 Naphthalene	4.85E-10 30YrCancerDerived	*	4.85E-10 INHALATION
427 ALL	486973.28	3674360.45	0.00000841	91203 Naphthalene	4.90E-10 30YrCancerDerived	*	4.90E-10 INHALATION
428 ALL	486994.12	3674360.45	0.00000858	91203 Naphthalene	4.99E-10 30YrCancerDerived	*	4.99E-10 INHALATION
429 ALL	487014.96	3674360.45	0.00000871	91203 Naphthalene	5.07E-10 30YrCancerDerived	*	5.07E-10 INHALATION
430 ALL	487035.8	3674360.45	0.00000879	91203 Naphthalene	5.12E-10 30YrCancerDerived	*	5.12E-10 INHALATION
431 ALL	487056.64	3674360.45	0.00000892	91203 Naphthalene	5.20E-10 30YrCancerDerived	*	5.20E-10 INHALATION
432 ALL	487077.48	3674360.45	0.00000921	91203 Naphthalene	5.36E-10 30YrCancerDerived	*	5.36E-10 INHALATION
433 ALL	487098.32	3674360.45	0.00000958	91203 Naphthalene	5.58E-10 30YrCancerDerived	*	5.58E-10 INHALATION
434 ALL	487119.16	3674360.45	0.00000995	91203 Naphthalene	5.80E-10 30YrCancerDerived	*	5.80E-10 INHALATION
435 ALL	487140	3674360.45	0.0000104	91203 Naphthalene	6.06E-10 30YrCancerDerived	*	6.06E-10 INHALATION
436 ALL	487160.84	3674360.45	0.0000111	91203 Naphthalene	6.48E-10 30YrCancerDerived	*	6.48E-10 INHALATION
437 ALL	487181.68	3674360.45	0.000012	91203 Naphthalene	6.99E-10 30YrCancerDerived	*	6.99E-10 INHALATION