205513

10079-06002-11016

HEALTH RISK ASSESSMENT ASSOCIATED WITH DIESEL EMISSIONS ASSOCIATED WITH WETLANDS CONSTRUCTION AND DELIVERY OPERATIONS FOR THE PROPOSED MARINA CENTER PROJECT

October 2006

Prepared for:
Security National Servicing Corporation
323 Fifth Street
Eureka, CA 95501

Prepared by:

WINZLER & KELLY
CONSULTING ENGINEERS
633 Third Street
Eureka, CA 95501
(707) 443-8326

HEALTH RISK ASSESSMENT ASSOCIATED WITH DIESEL EMISSIONS ASSOCIATED WITH WETLANDS CONSTRUCTION AND DELIVERY OPERATIONS FOR THE PROPOSED MARINA CENTER PROJECT

W&K Project No. 10079-06002-11016

Prepared for:

Security National Servicing Corporation
323 Fifth Street
Eureka, CA 95501

Prepared by:

Patrick Sullivan
Project Engineer

Reviewed by:

Steve McHaney
Project Manager

Winzler & Kelly Consulting Engineers
633 Third Street
Eureka, California 95501-0417
(707) 443-8326

November 2006

TABLE OF CONTENTS

INTRODUCTION AND CONCLUSIONS 1
Wetlands Construction Emissions Risk 1
Delivery Operations Emissions Risk 1
OVERVIEW OF HEALTH RISK ASSESSMENT MODELING AND ANALYSIS PROCESS 2
1: Hazard Identification 3
2: Exposure Assessment 3
3: Dose-Response Assessment 4
4: Risk Characterization 6
Uncertainty in Risk Assessment 6
PROPOSED MARINA CENTER DEVELOPMENT PROJECT EXPOSURE ASSESSMENT 7
1: Hazard Identification - Marina Center Development Project 7
Emission Rates for Vehicle Types *7*
Evaluation of Wetlands Construction Emissions *9*
Evaluation of Delivery Operations Emissions *11*
2&3: Exposure Assessment and Dose Response - Marina Center Development Project. 15
Wetlands Construction Exposure Assessment and Dose Response *15*
Delivery Operations Exposure Assessment and Dose Response *16*
4: Risk Characterization 16
REFERENCES 22

TABLES

Table 1. Summary of Hazard Index Values and Associated Levels. 5
Table 2. Idle Emission Factors by Model-Year Group at "Curb" Idle without Accessory Load (g/hr) 8
Table 3. Idle Emission Factors by Model-Year Group at High Idle with Accessory Load (g/hr).. 8
Table 4. Average Idle Emission Factors by Model-Year Group (g/hr) 9
Table 5. Heavy Duty Truck Average Idle Emission Rates for Trucks from 1990 and Newer. 9
Table 6. Wetlands Construction Emission by Vehicle Type Summary 11
Table 7. Wetlands Construction Emission by Source Area Summary 11
Table 8. Delivery Truck Idle Location, Type, Frequency, and Duration 14
Table 9. Structure Heights. 14
Table 10. Significance Thresholds and Percent Exceedance for Construction Related Emissions 16

FIGURES

Figure 1. Schematic of Risk Assessment Process 2
Figure 2. Site Layout and Source Areas for Marina Center Wetland Excavation Scenario 10
Figure 3. Site Layout and Source Locations for Marina Center Operational Scenario 13
Figure 4. Plot of Cancer Risk for 70 Year Exposure Scenario. 17
Figure 5. Plot of Non-Cancer Risk Hazard Index for 70 Year Exposure Scenario. 18
Figure 6. Plot of Non-Cancer Risk Hazard Index for Acute Exposure Scenario 19
Figure 7. Plot of Cancer Risk for 9 Year Exposure (Child) Scenairo 20

APPENDICES

Appendix A Model Input Data
Appendix B Model Output Data

INTRODUCTION AND CONCLUSIONS

The purpose of this Health Risk Assessment is to focus on two scenarios associated with the Proposed Marina Center Project along the Eureka California waterfront relating to diesel truck emissions. The first scenario addresses diesel emissions from construction equipment related to wetlands construction (Wetland Construction Emissions). The second scenario addresses diesel emissions from delivery trucks servicing anchor and retail stores in the proposed Marina Center development (Delivery Operations Emissions).

Wetlands Construction Emissions Risk

Wetlands construction emissions would take place over a 30 working day construction period (6 weeks, 5 days per week) based on excavating hauling and spreading on site and recompaction of 10,000 cubic yards of materials assumed to be clean. The diesel emissions were calculated based on the number and type of vehicles operating. A significance threshold approach based on North Coast Unified Air Quality Management District criteria was used whereby the total emissions were compared to the threshold criteria. It was found that the emissions associated with the wetlands construction would result in emissions less than 2% of the threshold level, and therefore the emissions from this source are less than significant and further analysis is not warranted.

Delivery Operations Emissions Risk

The risk associated with long term emissions from delivery vehicles is based on the use of modeling software and procedures approved by the regulatory agencies. The type, number, and frequency of delivery vehicles and their idling time were based on an evaluation of the proposed development and data from similar developments. The risk is a function in part of the distance from the emissions areas as well as building geometry and weather.

The following scenarios were evaluated along with resulting relative risks:

Scenario	Risk
Cancer Risk for 70 Year Exposure	Maximum of up to 4.4 in a million at source
Non-Cancer Risk for 70 Year Exposure	Health Index less than 1 No Observed Adverse Affects
Non-Cancer Risk for Acute Exposure	Health Index less than 1 No Observed Adverse Affects
Cancer Risk for 9 Year Exposure	Maximum of up to 0.84 in a million at source

OVERVIEW OF HEALTH RISK ASSESSMENT MODELING AND ANALYSIS PROCESS

The approach used for the diesel delivery truck emissions health risk assessment (HRA) for the proposed Marina Center project follows the HRA guidelines and steps outlined by the National Academy of Sciences. This approach has been adopted by the California Air Resources Board (CARB) and is recommended in their guidance documents and policy. The proper execution of the HRA guideline requires the use of regional and site specific data which is used in the exposure assessment and dose-response steps. *(Risk Assessment in the Federal Government: Managing the Process (NAS, 1983) and: Science and Judgment in Risk Assessment (NAS, 1994))*. The four steps involved in the risk assessment process are listed below and a schematic of the risk assessment process is shown in Figure 1.

1. Hazard Identification,
2. Exposure Assessment,
3. Dose-Response Assessment, and
4. Risk Characterization.

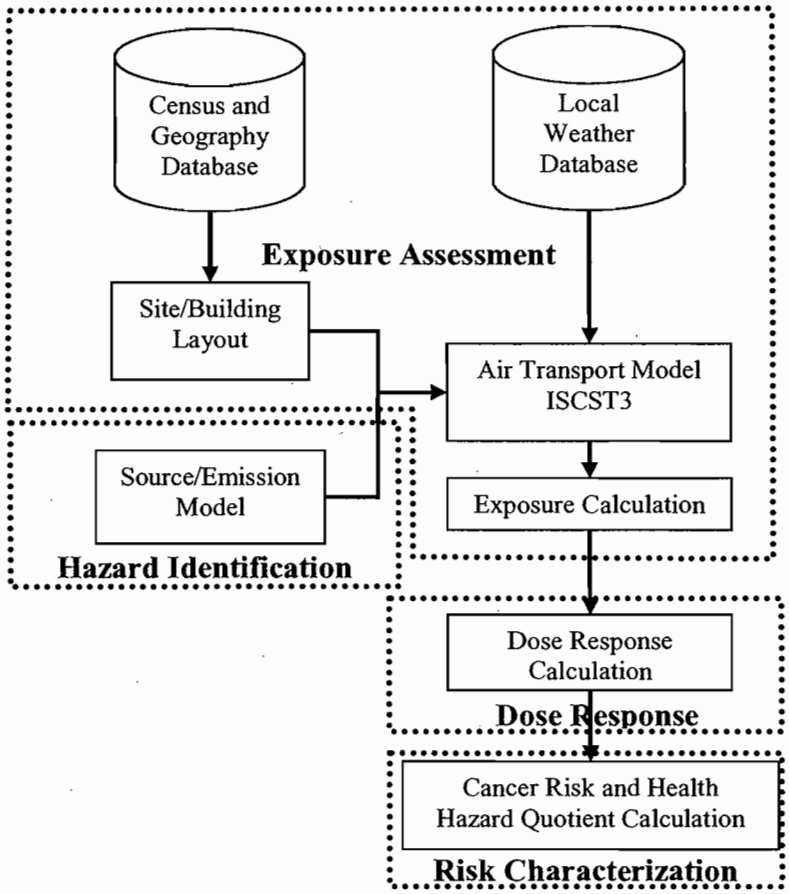

Figure 1. Schematic of Risk Assessment Process

1: Hazard Identification

Hazard identification for air toxics sources involves identifying the pollutants of concern, and whether the pollutants are a potential human carcinogen or associated with other types of adverse health effects. During the hazard identification step a source model is developed to represent the pollutant releases at the site. This HRA focuses only on the pollutants associated with diesel truck emissions that are designated as hazardous in the ARB's Emission Inventory Criteria and Guidelines Regulations (Title 17, California Code of Regulations, Sections 93300-93300.5), and the Emission Inventory Criteria and Guidelines Report (EICG Report), (ARB, 1997).which is based on:

- diesel exhaust particulate matter,
- organic gasses (unburned hydrocarbons),
- carbon monoxide, and
- nitrogen dioxide.

In addition to identifying theses specific pollutants which are included in the HRA, the Hazard Identification step entails developing a source model for the release of the pollutant into the environment. In the case of this HRA, a scenario was developed that sums up the number of delivery vehicles, delivery frequency, type of delivery vehicle, delivery location, and delivery vehicle idle time.

2: Exposure Assessment

The purpose of the exposure assessment is to estimate the extent of public exposure to substances identified in the Hazard Identification process. The identified pollutants are released via diesel delivery truck exhaust and then migrate in the environment. The pollutants may go through many processes (such as diffusion, dilution, or chemical reactions) that may change the location, concentration, and chemical makeup. The ultimate nature of the pollutant is referred to as the environmental fate. The exposure assessment involves a quantification of emission (source model from previous step), modeling of environmental transport, evaluation of environmental fate, identification of exposure routes, identification of exposed populations, and estimation of short-term and long-term exposure levels.

The exposure assessment in this HRA uses the CARB's Hot Spots Analysis and Reporting Program (HARP) software to model ground level concentrations at specific off-site locations resulting from diesel emissions at the proposed Marina Development project. The HARP software incorporates ISCST3 (Industrial Source Complex Dispersion Model) which is currently the most commonly used air modeling software. HARP allows the user to input dispersion parameters to generate air dispersion data.

Most of the volatile organic compounds that remain as gases when emitted into the air are not subject to appreciable deposition to soil, surface waters, or plants. Therefore, human exposure does not occur to any appreciable extent via ingestion. Significant exposure to these volatile organic compounds emitted into the air occurs primarily through the inhalation and skin

exposure (dermal) pathways, therefore this HRA is based on the inhalation and dermal exposure pathways.

3: Dose-Response Assessment

Dose-response assessment is the process of characterizing the relationship between exposure to a pollutant and incidence of adverse health effects. Adverse health effects may be non-carcinogenic or carcinogenic. The cancer potency factors are used to assess total cancer risk and the hazard index approach is used for evaluating the potential for non-carcinogenic health effects. The non-carcinogenic adverse health effects are *calculated* for acute and chronic exposures.

To quantify the carcinogenic risk assessment, the dose-response relationship is expressed in terms of a potency slope that is used to calculate the probability or risk of cancer associated with an estimated exposure. Cancer potency factors are expressed as the 95 percent upper confidence limit of the slope of the dose response curve estimated by assuming continuous lifetime exposure to a substance. The cancer potency factors incorporated in the HARP software and used in this HRA were compiled by the Office of Environmental Health Hazard Assessment (OEHHA) and were derived either by the United States Environmental Protection Agency (U.S. EPA) or by OEHHA and underwent public and peer-review and were adopted for use (OEHHA, 2003).

The adverse health effects that are not carcinogenic in nature (cancer causing), such as particulates related breathing problems, are quantified through the use of the acute and chronic exposure levels (also called non-carcinogenic or non-cancer effects or risks). The acute and chronic Reference Exposure Levels (RELs) are defined as the concentration at which no adverse health effects are anticipated and were developed from animal and/or human studies. The results of the studies were used to develop acute and chronic non-cancer RELs. The RELs were determined so that the most sensitive health effect is represented in the REL if the chemical affects multiple systems. Non-cancer acute and chronic health effects are assumed to have thresholds for adverse effects where injury from a pollutant will not occur until exposure to that pollutant has reached or exceeded a certain threshold concentration. The acute and chronic RELs were developed to be below the threshold for health effects for the general population. The methodology and derivations for acute and chronic RELs are described in the Air Toxics Hot Spots Program Risk Assessment Guidelines; Part I; The Determination of Acute Reference Exposure Levels for Airborne Toxicants (Part I TSD) (OEHHA 1999) and Air Toxics Hot Spots Program Risk Assessment Guidelines; Part III; Technical Support Document for the Determination of Chronic Reference Exposure Levels (Part III TSD) (OEHHA 2000).

RELs are used as indicators of the potential adverse health effects of chemicals. A "hazard index" (HI) approach is used to estimate potential health effects resulting from hazardous substances by comparing measured exposure levels to calculated RELs. This approach assumes that multiple sub-threshold exposures to chemicals acting on the same target organ could result in an overall risk of developing an adverse health effect. To assess the cumulative impact of multiple chemicals, it is important to consider the interaction of effects of the toxicants. Based on the standard health risk assessment approach, the interaction of more than one chemical is

assumed to be additive for a given toxicological endpoint or organ. Simultaneous exposure to two similar chemicals at sub-threshold levels may result in a toxic response. This is taken into account by adding the individual ratios of modeled concentrations to acute RELs for chemicals that impact the same target organ or system. For a particular target organ or system, the HI is calculated as follows:

$$HI = C_1/REL_1 + C_2/REL_2 + \ldots C_i/REL_i :$$

where for the i^{th} substances with the same toxicological endpoint,

HI = hazard index

C_i = 1-hour maximum concentration for the i^{th} substance

REL_i = acute REL for the i^{th} substance

Values and effect severity levels of various Hazard Indices, as defined by the U.S. EPA and OEHHA are summarized in Table 1, below.

Table 1. Summary of Hazard Index Values and Associated Levels.

HI	Level	Effect	Severity
0	No Observed Effect	No observed effects.	< Mild
1	No Observed Adverse Effect	Enzyme induction or other biochemical change, consistent with possible mechanism of action, with pathologic changes and no change in organ weights.	< Mild
2	No Observed Adverse Effect	Enzyme induction and subcellular proliferation or other changes in organelles, consistent with possible mechanism of action, but no other apparent effects.	< Mild
3	No Observed Adverse Effect	Hyperplasia, hypertrophy, or atrophy, but without changes in organ weight.	≤ Mild
4	No Observed Adverse Effect/ Lowest Observed Adverse Effect	Hyperplasia, hypertrophy, or atrophy, with changes in organ weight.	Mild
5	Lowest Observed Adverse Effect	Reversible cellular changes including cloudy swelling, hydropic change, or fatty changes.	Mild / Severe
6	Lowest Observed Adverse Effect / Adverse Effect	Degenerative or necrotic tissue changes with no apparent decrement in organ function.	Severe
7	Lowest Observed Adverse Effect / Adverse Effect	Reversible slight changes in organ function.	Severe
8	Frank Effect	Pathological changes with definite organ dysfunction that are unlikely to be fully reversible.	Severe
9	Frank Effect	Pronounced pathological change with severe organ dysfunction and long-term sequelae.	Severe
10	Frank Effect	Life-shortening or death.	Life Threatening

4: Risk Characterization

In the Risk Characterization Step the modeled pollution concentrations and public exposure information that was calculated during the exposure assessment step, are combined with potency factors and RELs to calculate the cancer risk and hazard index. HARP also generates a summary of the risk data necessary for an HRA.

Detailed presentations of the Risk Calculation methods can be found in The Air Toxics Hot Spots Program Risk Assessment Guidelines; Part IV; Technical Support Document for Exposure Assessment and Stochastic Analysis (OEHHA, 2000b) (Part IV TSD).

Dose-response estimates are calculated at grid points, property boundaries, census blocks, and sensitive receptor locations. Point-estimates are calculated for the average and high-end values. The mean represents the average values calculated for the point estimates, and the 95 percentile represent the high-end point-estimates from the distributions identified in OEHHA (2000).

The risk calculation uses utilizes a combination of the average and high-end point-estimates to more realistically estimate exposure. This method uses high-end exposure estimates for risk driving exposure pathways (inhalation) and the average point-estimate for non-risk driving exposure pathways.

Cancer risk is evaluated for 9, 30, and 70-year exposure durations. While 9 and 30-year exposure durations are presented to access the potential impacts over a range of residency periods, the HRA presents the risk results based on 70-year exposure to be consistent with the EPA guidance on Human Health Risk Assessment(U.S. EPA, 1997). The 9-and 30-year durations correspond to the central tendency and high-end estimates for residency time recommended by (U.S. EPA, 1997). The parameters used for the 9-year exposure scenario are for the first 9-years of life and are thus protective of children. Children have higher intake rates on a per kilogram body weight basis and thus receive a higher dose from contaminated media. This HRA will focus on the 70 year and 9 year child exposure scenarios.

Uncertainty in Risk Assessment

Any predictive modeling has uncertainty associated with it. The assumptions used in the established procedures employed in this analysis are intended by the regulators to err on the side of health protection in order to avoid underestimation of risk to the public. The models, approaches, and data used in this analysis are all based on regulatory agency standards and account for this inherent uncertainty to create representative results. Risk assessment is best used as a ruler to compare one source with another and to prioritize concerns.

When evaluating the results of the Risk Assessment and considering the potential for uncertainty, one should examine the percent of regulatory significance threshold and relative risk. If the percent of regulatory significance threshold or relative risk is small, then potential uncertainties may not affect the overall conclusions. On the other hand, if the percent of regulatory

significance threshold or relative risk is high, then additional research and analysis may be warranted to further characterize the emissions and the potential risks.

PROPOSED MARINA CENTER DEVELOPMENT PROJECT EXPOSURE ASSESSMENT

1: Hazard Identification - Marina Center Development Project

The hazard identification for this HRA focuses on the following key pollutants associated with diesel truck emissions: diesel exhaust particulate matter, organic gasses (unburned hydrocarbons), carbon monoxide, and nitrogen dioxide. The source/loading rates for these pollutants were evaluated for two different scenarios. The first scenario addresses diesel emissions from construction equipment related to wetlands construction (Wetland Construction Emissions). The second scenario addresses diesel emissions from delivery trucks servicing anchor and retail stores in the proposed Marina Center development (Delivery Operations Emissions).

Each scenario has a unique site layout because the movement of the diesel emissions is dependent upon the specific activities, and structures at the site. The Wetlands Construction Emissions scenario has two source areas due to the type of activities, which are the wetlands excavation area, and the spreading and compaction area. The Delivery Operations Emissions scenario incorporates fifteen on-site buildings, fourteen emission release locations, and two types of vehicle emissions (medium and heavy duty trucks).

Emission Rates for Vehicle Types

The emission rates for each vehicle type and activity type are essential for the HRA process. These rates are used as a source term in the modeling of contaminant transport and subsequent exposure to humans. This HRA uses the California Air Resources Board (CARB) published emission rates. These emissions rates are established for off-road vehicles (such as construction equipment) and on-road vehicles (such as medium and heavy duty delivery trucks).

The off-road emissions inventory is an estimate of the population, activity, and emissions estimate of the varied types of off-road equipment and major categories of engines and vehicles, including agricultural and construction equipment. Off road emissions data was used for the Wetlands Construction scenario.

The on-road diesel emissions rates were used for the Delivery Operations emissions analysis. On-road diesel idle emissions rates used in this HRA were generated by the CARB emissions database software, Emfac2002 version 2.2, which is the latest emission inventory model for California. This model reflects the ARB's current understanding of how vehicles travel and how much they pollute.

The data presented in the Emfac software was developed by testing heavy-duty diesel trucks in an environmentally controlled chamber at low and high idle under three different conditions as

follows: at 90°F with the vehicle's air conditioning on, at 0°F with the vehicle's heater on, and at 65°F with no accessory loading. The testing simulated conditions of unladen low idle emission (no heater or air conditioning), high idle with accessory loading (summer conditions with high idle and air conditioning use), and high idle with minimal accessory loading (winter conditions with heater use).

The vehicle emissions data collected through these test conditions is presented in Table 2 through 5. These data are then used as the source of the model input data for the evaluation of the two scenarios in this study. The intent was to use both emissions data for heavy duty and light duty delivery trucks in the modeling. However, no data for light duty trucks was published by the CARB, therefore the more conservative approach of using the data for heavy duty trucks for all delivery trucks was utilized. For the long term analysis an average of 1990 through 2007+ was assumed for emissions.

Table 2. Idle Emission Factors by Model-Year Group at "Curb" Idle without Accessory Load (g/hr)

Model-Year Group	PM	NOx	CO	HC
2007+	0.09	84	18	6
2004-2006	0.85	84	18	6
1998-2003	0.85	84	18	6
1994-1997	1.13	84	20	8
1991-1993	1.50	84	23	9
1990	2.00	84	25	12
Average 1990+	**1.07**	**84**	**20**	**7.8**

Table 3. Idle Emission Factors by Model-Year Group at High Idle with Accessory Load (g/hr)

Model Year Group	PM	NOx	CO	HC
2007+	0.28	165	90	12
2004-2006	2.77	165	90	12
1998-2003	2.77	165	90	12
1994-1997	3.69	165	100	15
1991-1993	4.89	165	111	18
1990	6.51	165	123	22
Average 1990+	**3.49**	**165**	**100**	**15.2**

Table 4. Average Idle Emission Factors by Model-Year Group (g/hr)

Model Year Group	PM	NOx	CO	HC
2007+	0.160	115.3	46.3	8.3
2004-2006	1.599	115.3	46.3	8.3
1998-2003	1.599	115.3	46.3	8.3
1994-1997	2.129	115.3	51.4	10.3
1991-1993	2.823	115.3	57.1	12.8
1990	3.758	115.3	63.4	15.8
Average 1990+	**2.011**	**115.3**	**51.8**	**10.6**

Table 5. Heavy Duty Truck Average Idle Emission Rates for Trucks from 1990 and Newer.

Truck Years	HC			CO			NOx			PM		
	(g/hr)	(lb/hr)	(lb/yr)	(g/hr)	(lb/hr)	(lb/yr)	(g/hr)	(lb/hr)	(lb/yr)	(g/hr)	(lb/hr)	(lbs/yr)
1990+	10.63	0.02	8.56	51.8	0.11	41.68	115.3	0.25	92.78	2.01	0.0044	1.62

These data were used as a source of model input information for the diesel construction equipment and delivery truck emissions based on the characteristics of the two scenarios discussed in the following sections.

Evaluation of Wetlands Construction Emissions

The Wetlands Construction Emissions scenario entails the excavation of approximately 10,000 cubic yards of soil from the excavation area and stockpiled. Once the soil has been analyzed for contamination and cleared for use, clean soil will be deposited in the spreading and compaction area. Both areas are shown in Figure 2. Any contaminated soil identified in the excavation area will be appropriately managed in accordance with cleanup plans conforming with applicable regulations. The cleanup of any contaminated soils is addressed in separate documents. A construction scenario was developed based on the use of standard earthmoving equipment for the type of work to be performed.

Wetlands Construction Vehicle Types It is assumed that standard heavy construction equipment would be used for the construction of the wetlands and the spreading and compacition of soils on site.

Wetlands Construction Vehicle Emission Location and Number of Vehicles Per Location The HRA assumes that the wetlands excavation will be performed by four 23 cubic yard scrapers with an estimated six loads per hour. With an estimated 6 hours of productive working time per day (10 hours run time including idling and down time assumed for emissions) it would take approximately 30 working days (6 weeks at 5 working days per week) to complete the excavation portion of the project. In addition to the scrapers, 1 excavator, 1 dozer, 1 water truck, and 1 ten cubic yard dump truck are assumed to also be working in the excavation area. The

work in the spreading and compaction area is assumed to be performed by 1 ten yard dump truck, 2 sheep foot compactors, 2 backhoes, 1 dozer, and one water truck. The spreading and compaction activity was assumed to be occurring simultaneously with the excavation activity and cover the same 30 working days.

Construction Equipment Exhaust Emissions Typically, vehicle emissions will be evaluated based on whether the vehicle is idling or operating. For the analysis of the Wetlands Construction scenario, only operating emissions data were available for heavy construction equipment, which were based on data from the City of Sacramento as recommended by the CARB. Therefore the conservative approach was taken where it was assumed that the diesel construction equipment was operating and working rather than idling for all the construction hours. A summary of the trucks and emission rates by vehicle type is shown in Table 6 and emission by source area is shown in Table 7.

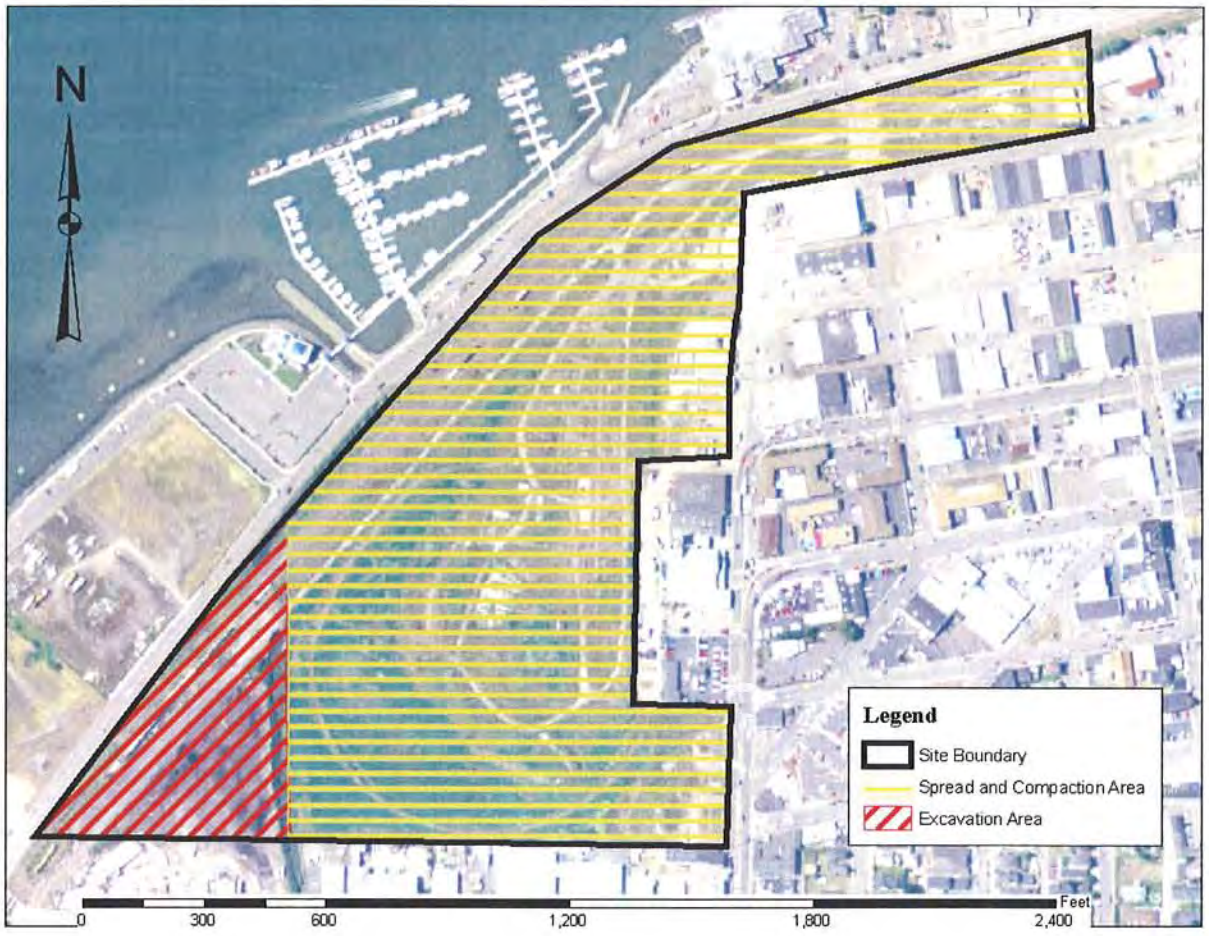

Figure 2. Site Layout and Source Areas for Marina Center Wetland Excavation Scenario

Table 6. Wetlands Construction Emission by Vehicle Type Summary

Source Area Type	Equipment	CARB Class	Number	Emission Rates (g/hr)			
				Particulate	Total Organic Gases	Carbon Monoxide	Nitrogen Dioxide
Excavation Area	Scraper (23 CY)	Heavy Construction /Mining	4	19.12	33.41	119.98	294.98
	Excavator	Heavy Construction /Mining	1	19.12	33.41	119.98	294.98
	Dozer	Heavy Construction /Mining	2	19.12	33.41	119.98	294.98
Combined Area	Dump Truck	Industrial Equipment	1	1.56	2.81	8.79	16.91
	Water Truck	Industrial Equipment	2	1.56	2.81	8.79	16.91
	Backhoe	Commercial Equipment	1	1.94	3.89	12.54	24.34
Spreading Area	Backhoe	Commercial Equipment	1	1.94	3.89	12.54	24.34
	Sheep's Foot	Commercial Equipment	2	1.94	3.89	12.54	24.34

Rates from California Air Resources Board Off-Road Air Emission Database

Table 7. Wetlands Construction Emission by Source Area Summary

Emission Source Area	Emission Rates							
	Particulate		Organic Gases		Carbon Monoxide		Nitrogen Dioxide	
	(g/hr)	(lb/y)*	(g/hr)	(lb/y)*	(g/hr)	(lb/y)*	(g/hr)	(lb/y)*
Excavation Area	133.84	1.16	233.87	154.68	839.86	555.47	2064.86	1365.67
Combined Area	6.62	4.38	12.32	8.15	28.91	25.73	75.07	49.65
Spreading Area	3.88	2.57	7.78	5.15	25.08	16.59	48.68	32.20
Combined Total	**144.34**	**95.46**	**253.67**	**167.97**	**903.85**	**597.79**	**2188.61**	**1447.52**

* Annual emission rates for project assume 30 working days at 10 hours running time per day.
Rates from California Air Resources Board Off-Road Air Emission Database

Evaluation of Delivery Operations Emissions

The operational emissions scenario addresses the delivery trucks associated with the long term operation of the Marina Center after construction. The source and dispersion modeling incorporates the site layout in the risk assessment, which includes site topography, building locations, and building heights.

Delivery Operations Vehicle Types To develop the emissions loading rates for the long term delivery operations scenario, the number and type of delivery vehicles was estimated based on the type of activity at each building/facility. In this process two vehicle classes were used based on the nature of deliveries expected for the type of activities at the specified location. It was assumed that the larger anchor stores and the industrial sites would be serviced by heavy-heavy-duty diesel trucks, 33,000 lbs to 60,000 lbs and referred to as heavy duty trucks in the HRA, and retail stores would be serviced by medium-heavy-duty diesel trucks, 14,000 lbs to 33,000 lbs and referred to as medium duty trucks in the HRA. As discussed above, emissions data was only readily for heavy duty trucks and therefore the risk modeling approach assumed all delivery vehicles were of the heavy duty class.

Delivery Vehicle Emission Location and Number of Vehicles Per Location Other factors in developing the source emission rates for delivery vehicles are the number of deliveries for each building/facility and the location of the idling delivery trucks. Figure 3 shows the layout of the site buildings and the idling truck locations. The truck types are summarized by location in Table 8. Three types of activities were identified for this HRA: Anchor Store, Retail Store, and Industrial activities. The Anchor stores are shown in green and would include large format stores. Retail stores are shown in light green and would include novelty and small format stores, restaurants, or other services. Industrial buildings are shown in yellow and may include manufacturing, brewing, or fish processing. Deliveries to office buildings were not included in the source characterization because of their relatively low overall contribution, infrequency, and non-regular delivery schedule.

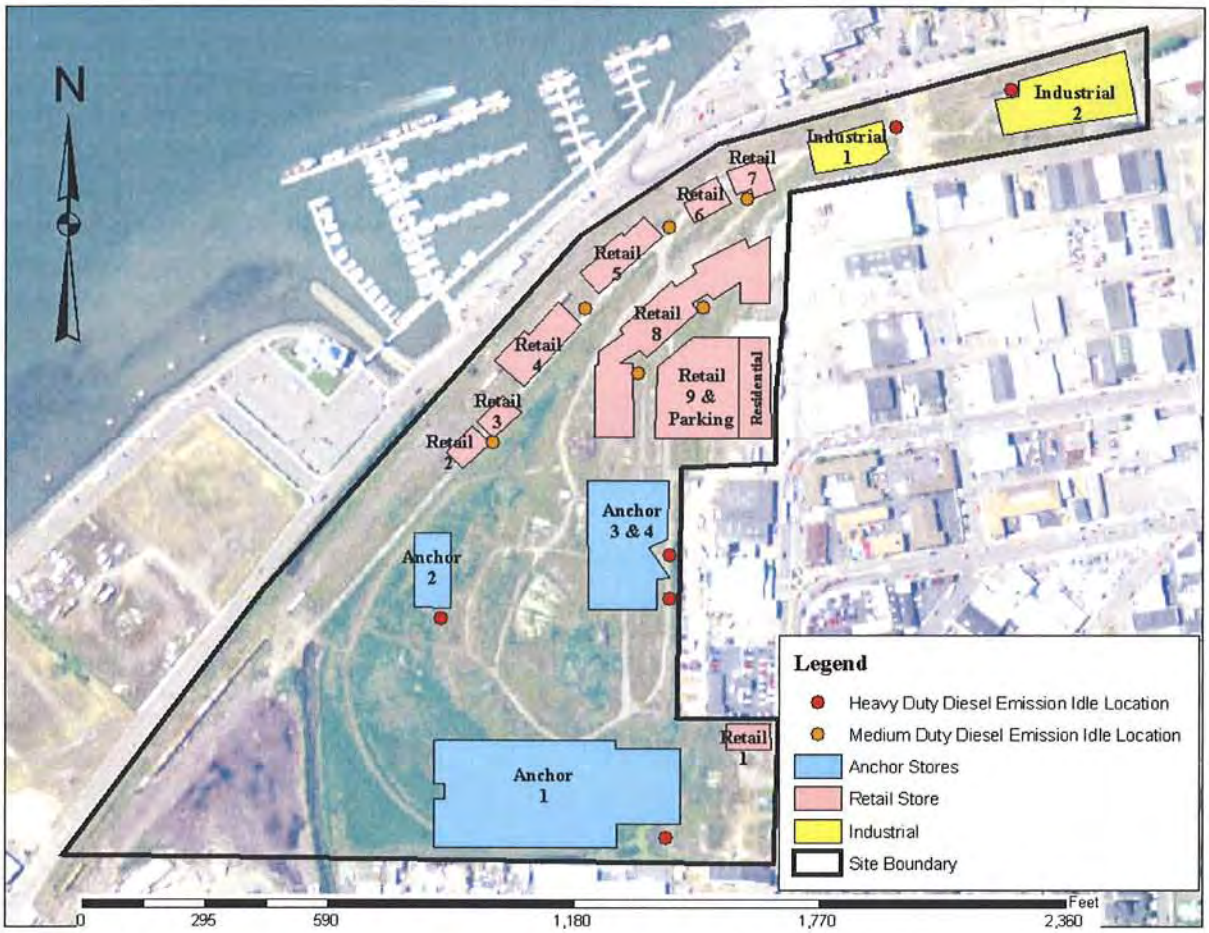

Figure 3. Site Layout and Source Locations for Marina Center Operational Scenario

As with vehicle type, the number of vehicle deliveries is dependent upon the activity at the building/location. It is assumed the number and frequency of deliveries is proportional to the size of the facility. Anchor Store 1 (Home Depot) is the largest facility, with 135,000 square feet, and is expected to have between 20 and 24 deliveries per week. This delivery frequency is based upon a traffic study separately prepared for the proposed Marina Center Project and delivery frequency at other Home Depot stores of similar size. It is also assumed that the deliveries are evenly distributed through out the week, resulting in three deliveries per day seven days a week. The types of businesses at the other locations is unknown at the time of this HRA; however, they all have less than one-third of the area of Anchor 1 and are therefore assumed to have a minimum of one delivery per day.

Table 8. Delivery Truck Idle Location, Type, Frequency, and Duration

Delivery Truck Idle Location	Truck Type	Number of Trucks Per Day	Operating Days Per Week	Idling Time Per Delivery
East of Anchor 1	Heavy Duty Diesel	3	7	1 Hour
South of Anchor 2	Heavy Duty Diesel	1	7	1 Hour
East of Anchor 3	Heavy Duty Diesel	1	7	1 Hour
East of Anchor 4	Heavy Duty Diesel	1	7	1 Hour
Between Retail 2 & 3	Medium Duty Diesel	1	7	1 Hour
North of Retail 4	Medium Duty Diesel	1	7	1 Hour
North of Retail 5	Medium Duty Diesel	1	7	1 Hour
Between Retail 6 & 7	Medium Duty Diesel	1	7	1 Hour
South-East of Retail 8	Medium Duty Diesel	2	7	1 Hour
North-East of Retail 8	Medium Duty Diesel	1	7	1 Hour
East of Industrial 1	Heavy Duty Diesel	1	7	1 Hour
West of Industrial 2	Heavy Duty Diesel	1	7	1 Hour

Building Geometry and Relationship to Exhaust Emission Locations The location and dimensions of the buildings at the site and the locations of the emission releases are essential for the simulation of the emission migration and subsequent human and environmental exposure for the Delivery Operations scenario. For the Wetlands Construction scenario, no buildings are present so the flat relatively topography of the site is used in the HRA model.

The physical shape of the building and the release elevations are combined with measured weather and wind conditions to determine the extent of the pollutant migration under the Delivery Operations emissions scenario. There are numerous building structures and some buildings are comprised of multiple structures where each structure has a unique height. Table 9 summarizes the height for each structure and the location of each structure as shown previously in Figure 3.

Table 9. Structure Heights.

Structure	Height (ft)	Structure	Height (ft)
Anchor 1	32	Retail 3c	36
Anchor 2a	30	Retail3d	28
Anchor 2b	42	Retail 3e	52
Anchor 3	32	Retail 4a	42
Anchor 4	35	Retail 4b	62
Anchor 5	35	Retail 5	36
Retail 1	28	Retail 6	28
Retail 2	36	Retail 7	38
Retail 3a	74	Industrial 1	38
Retail 3b	28	Industrial 1	32

For the purposes of this analysis, it was assumed that the areas outside of the project boundary were flat, and therefore existing building geometry outside of the project area was not assessed.

This is a more conservative approach which tends to overestimate the spread of the exhaust, because buildings buffer the air transport.

Idle Exhaust Emissions Duration The amount of time that exhaust emissions come out of the vehicle tailpipe while it is operating but not traveling any significant distance is called the idle exhaust time. This process captures emissions from heavy-duty vehicles that idle for extended periods of time while loading or unloading goods. Trucks are idled for engine warming and during loading and unloading. The amount of idle time depends on many factors, such as driver preference or the need to maintain additional loads (refrigeration or power take off).

For typical delivery vehicles, the average idle times for Heavy-Duty trucks cited CARB sponsored literature vary between 5 and 25 minutes (ARB, 1998. and ARB 2002 Users Guide). Because the actual idle times will vary depending on the above mentioned factors, a conservative idle time of one hour per delivery is assumed for this HRA.

2&3: Exposure Assessment and Dose Response - Marina Center Development Project

These two steps in the process were described separately in the introductory section of this analysis and they are described together here because of the nature of the analysis approach..

Wetlands Construction Exposure Assessment and Dose Response

The Wetlands Construction scenario is a very short term (30 day) exposure to diesel emissions and the CARB HARP software is not designed for short term exposure risk analysis. Rather a significance threshold approach is used for analysis of short term exposure such as with the wetlands construction. The significance threshold levels were determined by the local oversight agency, the North Coast Unified Air Quality Management District (NCUAQMD). The significance thresholds are set for total emissions and are not a Cancer or Health Risk threshold. If the total emissions are lower than the significance threshold the NCUAQMD does not require a cancer risk assessment and does not issue a permit to construct or permit to operate. For this analysis, the threshold values were compared to the total diesel emissions resulting from the construction of the wetlands. The total emissions from wetlands construction was calculated based on the number and type of construction equipment operating over the 30 day construction period. Daily emissions included idling and operation and were based on a ten hour day, rather than the less conservative approach of only considering the operating time. The significance thresholds from the NCUAQMD and the calculated emissions from the wetlands construction as a percentage of the thresholds are listed in Table 10.

Table 10. Significance Thresholds and Percent Exceedance for Construction Related Emissions

Pollutant	Significance Thresholds	Construction Scenario Emissions	Threshold Exceedance % of Significance
Particulate	16 tons/year	0.05 tons/year	Threshold Not Exceeded (0.30 %)
Organic Gasses	40 tons/year	0.08 tons/year	Threshold Not Exceeded (0.21%)
Carbon Monoxide	100 tons/year	0.23 tons/year	Threshold Not Exceeded (0.30%)
Nitrogen Dioxide	40 tons/year	0.73 tons/year	Threshold Not Exceeded (1.81%)

As can be seen in Table 10, in all cased the percent of the significance threshold is less than 2%. This means that the level of emissions from wetlands construction would need to be more than 50 times higher to trigger a further regulatory analysis and permitting by the NCUAQMD who regulates emissions for the Marina Center. Therefore, the emissions due to wetlands construction are considered less than significant and no further analysis or risk characterization is warranted for the Wetlands Construction scenario.

Delivery Operations Exposure Assessment and Dose Response

The exposure assessment and dose response for the Marina Center Delivery Operations Scenario was performed by using the CARB HARP software. The CARB HARP software is designed to model the long term exposure from regular deliveries for up to a 70 year period. The source characterization information presented in the previous section was used to create input files for the model. A summary of the model input parameters may be found in Appendix A.

4: Risk Characterization

As discussed above the analysis of the Wetlands Construction scenario resulted in emissions less than 2% of the significance threshold as established by the governing agency, the North Coast Unified Air Quality Management District. Therefore no further risk characterization is warranted.

The remainder of this analysis focuses on the risk potential associated with the long term Delivery Operations scenario.

Using the modeling software and the input parameters previously discussed, the following four cancer risk assessments were performed:

- 70 Year Cancer Risk
- 70 Year Non-Cancer Hazard Index
- Acute Non Cancer Hazard Index
- 9 Year Cancer Risk

Using the modeling software, risk levels were calculated over the Marina Center and surrounding areas and numerical output is presented as isopleths (lines encompassing regions of risk level).

The graphical output for the risk analyses is presented in Figures 4, 5, 6, and 7, and the numerical output is contained in Appendix B.

Exposure to emissions can result in cancerous and non cancerous health effects. The 70 year cancer risk level is the standard approach used by the regulatory agencies for evaluating health risk and is the most conservative approach.

70 Year Cancer Risk

The results of the 70 year cancer risk assessment are presented in Figure 4.

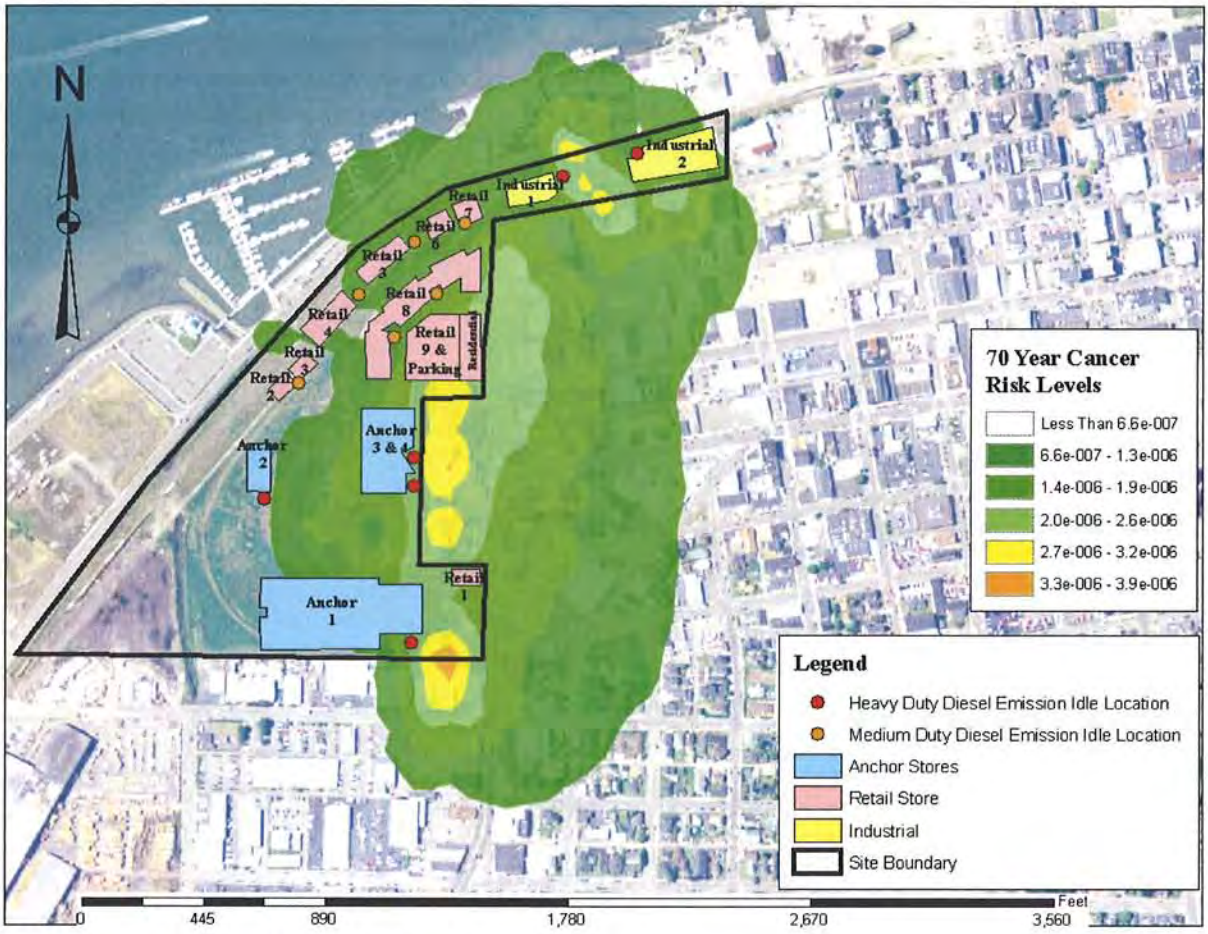

Figure 4. Plot of Cancer Risk for 70 Year Exposure Scenario.

The risk levels are in scientific notation. For example the yellow area shows a risk of cancer between 2.7 and 3.2 cancer cases attributable to the emissions out of one million people occupying the yellow area for a 70 year residential exposure. To put this in perspective, if the entire population of Eureka of 34,000 people lived in the yellow areas for their 70 year lifespan, one person may contract cancer as a result of the diesel emissions over a 650 year period. Since the entire population of Eureka can't possibly live in the yellow areas, the timeframe for one person contracting cancer as a result of the proposed project would be over a statistically much

longer period in the many thousands or tens of thousands of years. Clearly this is well beyond any planning horizon for a development of this type.

This type of diesel delivery truck access is common in Eureka and other cities and this relative level of risk is part of everyday life in urban areas.

The 70 year cancer risk exposure level is the standard approach to evaluating health risk and is the most conservative approach. However, we also ran several other scenarios to demonstrate the lower risk associated with other types of exposures. The other three scenarios are the 70 year non-cancer hazard index, the acute non-cancer hazard index, and the 9 year (child) cancer risk. These three additional scenarios are summarized in the following sections.

70 Year Non-Cancer Hazard Index

The results of the 70 year non-cancer hazard index analysis are presented in Figure 5.

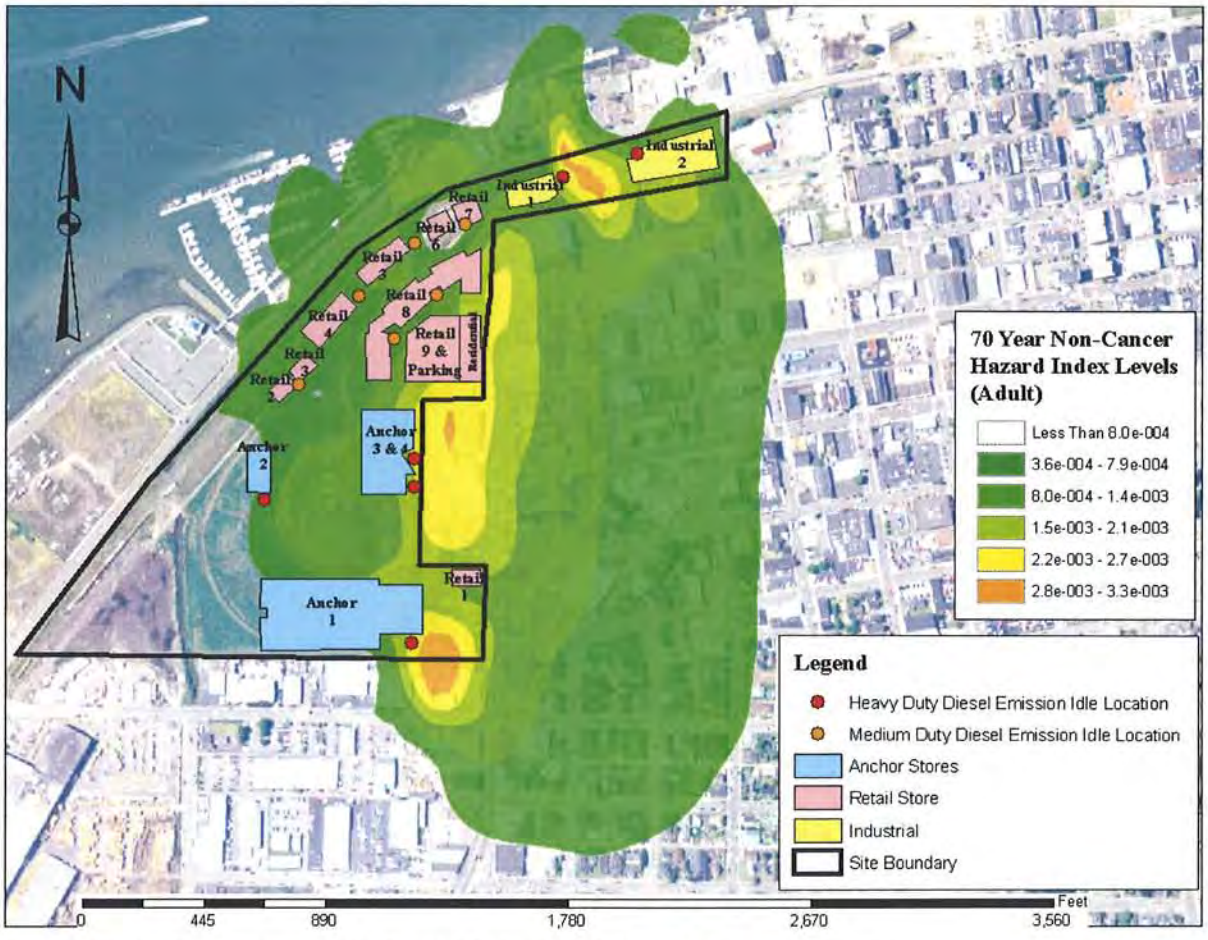

Figure 5. Plot of Non-Cancer Risk Hazard Index for 70 Year Exposure Scenario.

Exposure to emissions can result in cancerous and non cancerous conditions. Refer to Table 1 for interpretation of Non-Cancer Hazard Index Levels. For all areas surrounding the delivery

vehicle emissions sites, the calculated Hazard Index is in scientific notation and is between zero and one meaning there are no anticipated adverse non-cancer effects.

Acute Non-Cancer Hazard Index

The results of the acute non-cancer hazard index analysis are presented in Figure 6.

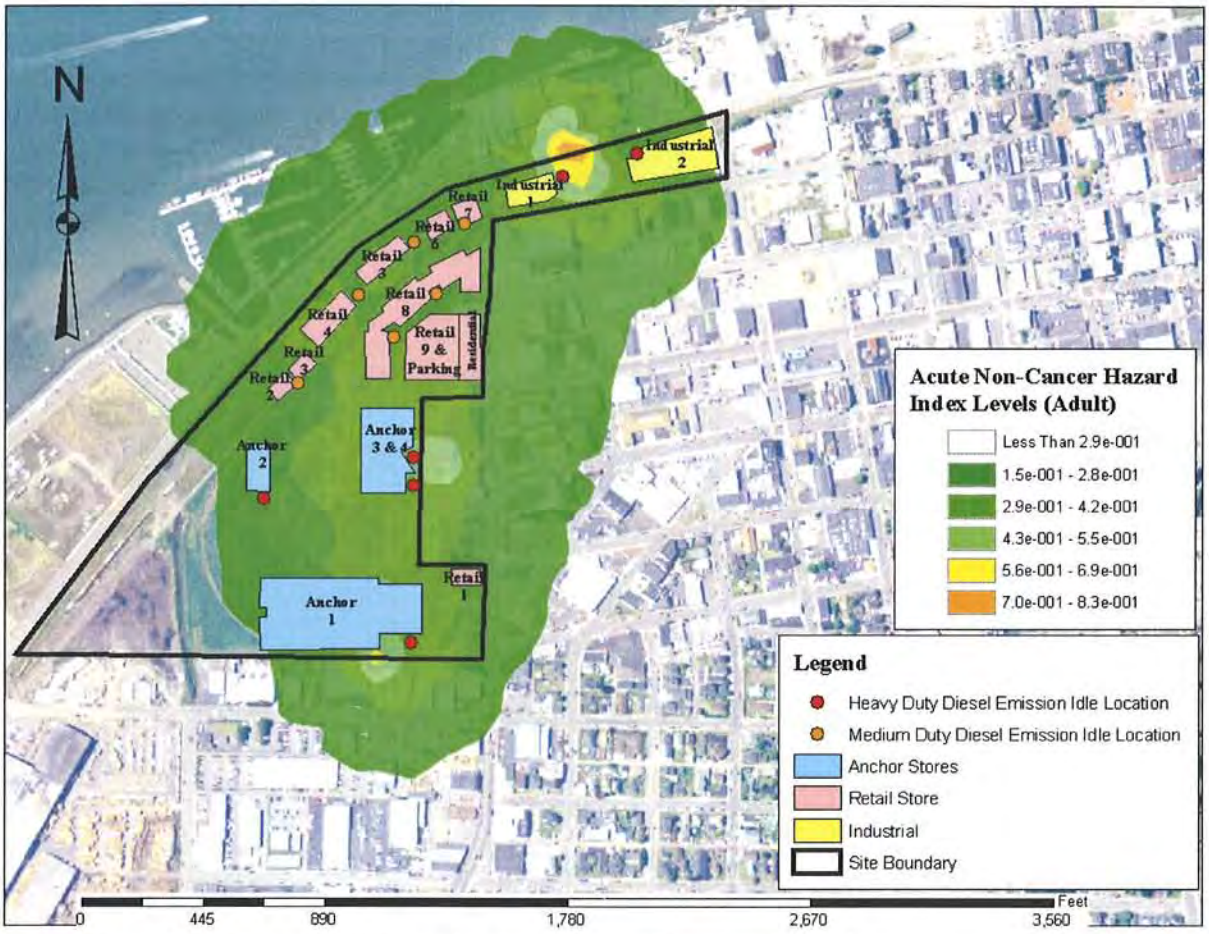

Figure 6. Plot of Non-Cancer Risk Hazard Index for Acute Exposure Scenario

Refer to Table 1 for interpretation of Hazard Index Levels. For all areas surrounding the delivery vehicle emissions sites, the calculated Hazard Index is in scientific notation and is between zero and one meaning there are no anticipated adverse non cancer effects.

9 Year Cancer Risk

The results of the 9 year (child) cancer risk are presented in Figure 7.

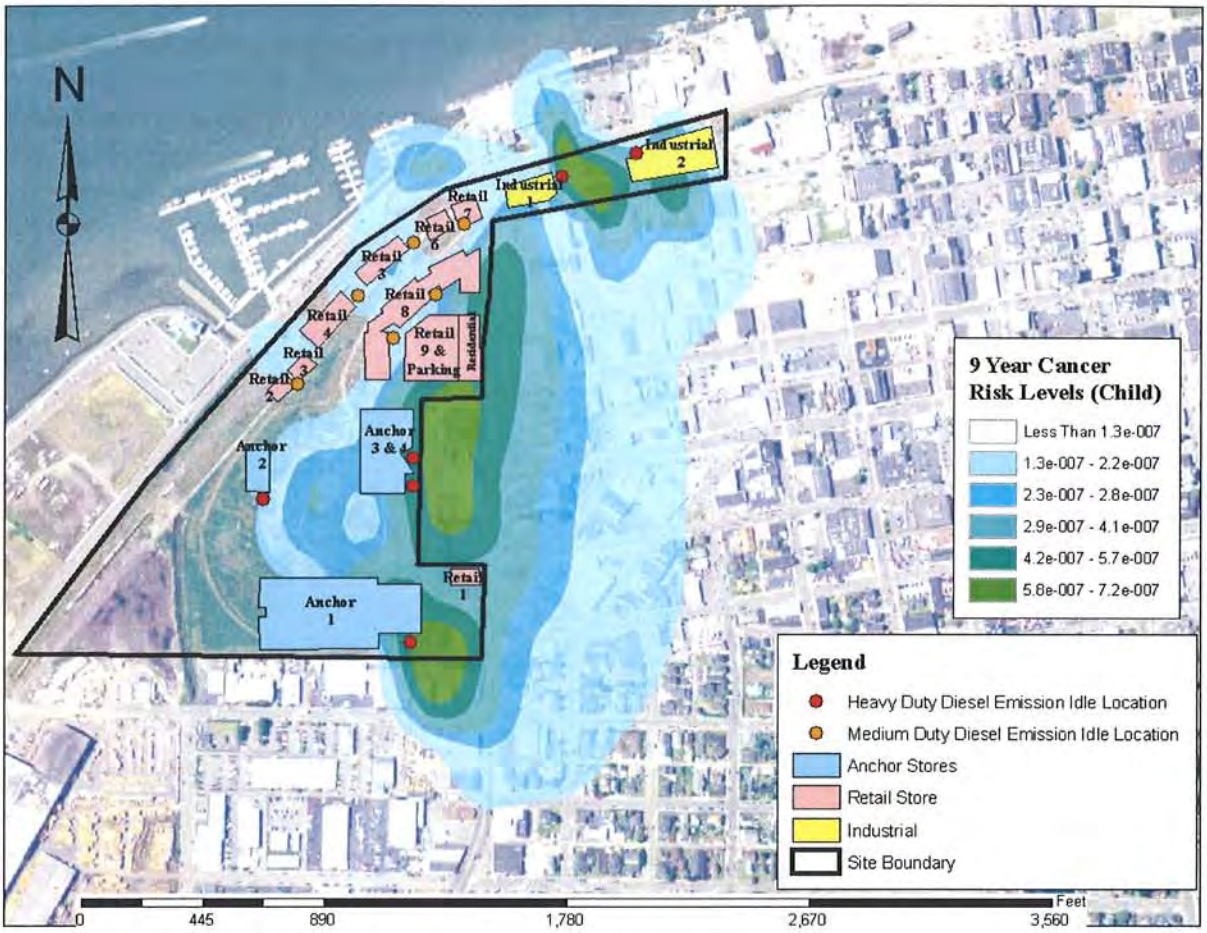

Figure 7. Plot of Cancer Risk for 9 Year Exposure (Child) Scenairo.

The 9 year cancer risk level is the standard approach used for assessing the potential exposure to children and the models account for the greater vulnerability of children.

The risk levels are in scientific notation. For example the worst case green area shows a risk of cancer between 0.58 and 0.72 in a million for a birth to 9 year resident in the green area. Once again, given the population of Eureka and the similar delivery vehicle emission sites throughout the City, this is a very low level of risk which is common to everyday life in urban areas.

Summary of Risks

The analysis in this HRA is calculated based on local and state regulator approved input assumptions, modeling software and procedures, and analysis procedure. Based on the risk assessment methodology and assumptions presented in this analysis, the risks for the four scenarios are summarized as follows:

Table 11: Summary of Risk or Hazard Index for the Four Scenarios Analyzed for Long Term Operation

Scenario	Risk or Hazard Index
70 Year Cancer Risk	Cancer Risk of a maximum of 4.4 in a million at the emission source
70 Year Non-Cancer Hazard Index	Hazard Index between zero and one (no anticipated adverse non cancer effects)
Acute Non Cancer Hazard Index	Hazard Index between zero and one (no anticipated adverse non cancer effects)
9 Year Cancer Risk	Cancer Risk less than one in a million at the emission source

The North Coast Unified Air Quality Management District does not have Cancer Risk thresholds for regulatory action of non-stationary sources, such as diesel delivery tucks; however, they do for stationary sources. Truck idling at loading docks may be having similar emission characteristics to stationary sources even though are classified as mobile sources. For stationary sources Cancer Risk values of greater than 10 in a million require public notification and cancer risk values greater than 100 in a million require an in depth health risk assessment for specific receptors. The Cancer Risk and Hazard Index values calculated in this analysis are well below the minimum stationary source action levels for the NCUAQMD. Therefore it is anticipated that the NCUAQMD will not require formal notification or more detailed health risk assessment and will not issue a permit to construct or a permit to operate.

REFERENCES

ARB (1997). California Air Resources Board. Emission Inventory Criteria and Guidelines for the Air Toxics "Hot Spots" Program. Including the Final Regulation and the Emission Inventory Criteria and Guidelines Report May 15, 1997.

ARB (1998). California Air Resources Board. Heavy-Duty Truck Population, Activity and Usage Patterns. Jack Faucett Associates 1998.

ARB (2002). California Air Resources Board. EMFAC 2002 Calculating Emission Inventories for Vehicles in California, User's Guide.

NAS. (1983). National Academy of Sciences. Risk Assessment in the Federal Government: Managing the Process. National Research Council. National Academy Press, Washington D.C.

NAS. (1994). National Academy of Sciences. Science and Judgment in Risk Assessment National Research Council. National Academy Press, Washington D.C.

OEHHA (2003). Document for Describing Available Cancer Potency Factors Air Toxics Hot Spots Program Risk Assessment Guidelines :The Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments.

OEHHA (1999). The Air Toxics Hot Spots Program Risk Assessment Guidelines; Part II; Technical Support.

OEHHA. (2000). Air Toxics Hot Spots Program Risk Assessment Guidelines. Part III. Technical Support Document for the Determination of Non-cancer Chronic Reference Exposure Levels.

U.S. EPA (1997), Exposure Factors Handbook, Vol II, Food Ingestion Factors. EPA/600/P-95/002Fb van den Berg, M., Birnbaum, L., Bosveld, A. T. C., Brunstrom, B., Cook, P., Feeley, M., Giesy, J. P., Hanberg, A., Hasegawa, R., Kennedy, S. W., Kubiak, T., Larsen, J. C., Van Leeuwen, F. X. R., Liem, A. K. D., Nolt, C., Peterson, R. E., Poellinger, L., Safe, S., Schrenk, D., Tillitt, D., Tysklind, M., Younes, M., Waern, F., and Zacharewski, T. (1998). Toxic equivalency factors (TEFs) for PCBs, PCDDs, PCDFs for humans and wildlife. Environ. Health Perspec. V106, 775-792.

Appendix A
Model Input Data

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
FACILITY INFORMATION

COUNTY ID: 12
AIR BASIN: NC
DISTRICT ID: NCU
PERSON:
FACILITY ID: 10001
ACTION CODE:
DATE: 09/18/06
INVENTORY YEAR:

FACILITY NAME: MARINA DEVELOPMENT
ADDRESS: WATERFRONT AND BROADWAY
CITY: EUREKA
ZIP: 95501 -
CONTACT PERSON:
PHONE: -
FACILITY SIC: 9999
NUMBER OF EMPLOYEES:
UTM ZONE: 10
UTM EAST: 400.673
UTM NORTH: 4517.237

MAILING

COMPANY NAME:
ADDRESS:
CITY:
STATE: CA
ZIP: -
ATTENTION:

FACILTY CITY CODE:
AIRS AQCR:
SUBCOUNTY ID:
AREA DESIGNATION
CO
NO2
OZ
PM
SO2
FACILITY PHASE:
FACILITY STATUS:
FORECASTID:
PRIORITY:
INDUSTRY WIDE:
DISTRICT USE
FACD1:
FACD2:

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
STACK INFORMATION

COUNTY ID: 12 | AIR BASIN: NC | DISTRICT ID: NCU | PERSON:
FACILITY ID: 10001 | DATE: 09/18/06 | INVENTORY YEAR:

ACTION CODE	STACK ID	AIRS STACK NUMBER	UTM EAST (KM)	UTM NORTH (KM)	STACK HEIGHT (FEET)	STACK DIAMETER (FEET)	GAS TEMP (F)	GASFLOW RATE (CFM)	GAS VELOCITY (FPM)
☐	1		400.76442	4517.11244	8	0.5	200	50	254.6479

ACTION CODE	STACK ID	AIRS STACK NUMBER	UTM EAST (KM)	UTM NORTH (KM)	STACK HEIGHT (FEET)	STACK DIAMETER (FEET)	GAS TEMP (F)	GASFLOW RATE (CFM)	GAS VELOCITY (FPM)
☐	2		400.76442	4517.11244	8	0.5	200	50	254.6479

ACTION CODE	STACK ID	AIRS STACK NUMBER	UTM EAST (KM)	UTM NORTH (KM)	STACK HEIGHT (FEET)	STACK DIAMETER (FEET)	GAS TEMP (F)	GASFLOW RATE (CFM)	GAS VELOCITY (FPM)
☐	3		400.76442	4517.11244	8	0.5	200	50	254.6479

ACTION CODE	STACK ID	AIRS STACK NUMBER	UTM EAST (KM)	UTM NORTH (KM)	STACK HEIGHT (FEET)	STACK DIAMETER (FEET)	GAS TEMP (F)	GASFLOW RATE (CFM)	GAS VELOCITY (FPM)
☐	4		400.78777	4517.28887	8	0.5	200	50	254.6479

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
STACK INFORMATION

COUNTY ID: 12 | AIR BASIN: NC | DISTRICT ID: NCU | PERSON:
FACILITY ID: 10001 | DATE: 09/18/06
INVENTORY YEAR:

ACTION CODE	STACK ID	AIRS STACK NUMBER	UTM EAST (KM)	UTM NORTH (KM)	STACK HEIGHT (FEET)	STACK DIAMETER (FEET)	GAS TEMP (F)	GASFLOW RATE (CFM)	GAS VELOCITY (FPM)
☐	5		400.79296	4517.31742	8	0.5	200	50	254.6479

ACTION CODE	STACK ID	AIRS STACK NUMBER	UTM EAST (KM)	UTM NORTH (KM)	STACK HEIGHT (FEET)	STACK DIAMETER (FEET)	GAS TEMP (F)	GASFLOW RATE (CFM)	GAS VELOCITY (FPM)
☐	6		400.66063	4517.39526	8	0.5	200	50	254.6479

ACTION CODE	STACK ID	AIRS STACK NUMBER	UTM EAST (KM)	UTM NORTH (KM)	STACK HEIGHT (FEET)	STACK DIAMETER (FEET)	GAS TEMP (F)	GASFLOW RATE (CFM)	GAS VELOCITY (FPM)
☐	7		400.74107	4517.49905	7	0.5	200	50	254.6479

ACTION CODE	STACK ID	AIRS STACK NUMBER	UTM EAST (KM)	UTM NORTH (KM)	STACK HEIGHT (FEET)	STACK DIAMETER (FEET)	GAS TEMP (F)	GASFLOW RATE (CFM)	GAS VELOCITY (FPM)
☐	8		400.81113	4517.55872	7	0.5	200	50	254.6479

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
STACK INFORMATION

COUNTY ID: 12 | AIR BASIN: NC | DISTRICT ID: NCU | PERSON:
FACILITY ID: 10001 | DATE: 09/18/06
INVENTORY YEAR:

ACTION CODE	STACK ID	AIRS STACK NUMBER	UTM EAST (KM)	UTM NORTH (KM)	STACK HEIGHT (FEET)	STACK DIAMETER (FEET)	GAS TEMP (F)	GASFLOW RATE (CFM)	GAS VELOCITY (FPM)
☐	9		400.85005	4517.57429	7	0.5	200	50	254.6479

ACTION CODE	STACK ID	AIRS STACK NUMBER	UTM EAST (KM)	UTM NORTH (KM)	STACK HEIGHT (FEET)	STACK DIAMETER (FEET)	GAS TEMP (F)	GASFLOW RATE (CFM)	GAS VELOCITY (FPM)
☐	10		400.9694	4517.64175	7	0.5	200	50	254.6479

ACTION CODE	STACK ID	AIRS STACK NUMBER	UTM EAST (KM)	UTM NORTH (KM)	STACK HEIGHT (FEET)	STACK DIAMETER (FEET)	GAS TEMP (F)	GASFLOW RATE (CFM)	GAS VELOCITY (FPM)
☐	11		401.04465	4517.66251	7	0.5	200	50	254.6479

ACTION CODE	STACK ID	AIRS STACK NUMBER	UTM EAST (KM)	UTM NORTH (KM)	STACK HEIGHT (FEET)	STACK DIAMETER (FEET)	GAS TEMP (F)	GASFLOW RATE (CFM)	GAS VELOCITY (FPM)
☐	12		400.78518	4517.45753	7	0.5	200	50	254.6479

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
STACK INFORMATION

COUNTY ID: 12 | AIR BASIN: NC | DISTRICT ID: NCU | PERSON:
FACILITY ID: 10001 | DATE: 09/18/06 | INVENTORY YEAR:

ACTION CODE	STACK ID	AIRS STACK NUMBER	UTM EAST (KM)	UTM NORTH (KM)	STACK HEIGHT (FEET)	STACK DIAMETER (FEET)	GAS TEMP (F)	GASFLOW RATE (CFM)	GAS VELOCITY (FPM)
☐	13		400.83188	4517.49905	7	0.5	200	50	254.6479

ACTION CODE	STACK ID	AIRS STACK NUMBER	UTM EAST (KM)	UTM NORTH (KM)	STACK HEIGHT (FEET)	STACK DIAMETER (FEET)	GAS TEMP (F)	GASFLOW RATE (CFM)	GAS VELOCITY (FPM)
☐	14		400.78518	4517.45753	7	0.5	200	50	254.6479

ACTION CODE	STACK ID	AIRS STACK NUMBER	UTM EAST (KM)	UTM NORTH (KM)	STACK HEIGHT (FEET)	STACK DIAMETER (FEET)	GAS TEMP (F)	GASFLOW RATE (CFM)	GAS VELOCITY (FPM)
☐	1004		400.61393	4517.31223	8	0.5	200	50	254.6479

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
DEVICE INFORMATION

COUNTY ID: 12 | AIR BASIN: NC | DISTRICT ID: NCU | PERSON:
FACILITY ID: 10001 | DATE: 09/18/06
INVENTORY YEAR:

ACTION CODE	DEVICE ID	DEVICE NAME	PERMIT ID	NUMBER OF DEVICES	AIRS POINT ID	SUB COUNTY
☐	1	TRUCKSTACK				

EQUIPMENT								DISTRICT USE	
CONFIDENTIAL	SIZE	UNIT	TYPE	SECT	TOWNSHIP		RANGE	DEV1	DEV2
☐									

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
PROCESS INFORMATION

COUNTY ID: 12 | AIR BASIN: NC | DISTRICT ID: NCU | PERSON:
FACILITY: 10001 | DEVICE ID: 1 | PROCESS ID: 1 | DATE: 09/18/06
INVENTORY YEAR:

ACTION CODE	DESCRIPTION	SCC	SIC
	HEAVY DUTY DIESEL EMISSION A1A	99999999	9999

PROCESS RATE SCC UNITS/YR	MAXIMUM HOURLY PROCESS RATE	MAXIMUM DESIGN RATE SCCUNITS/HR	% SULFUR	PROCESS RATE ORIGIN	RELIABILTY	STACK ID
1000		1				1

HOURS/ DAY	DAYS/ WEEK	WEEKS/ YEAR	YEARS OF ESTIMATE	DISTRICT USE PROD1	PROD2	FORECAST	CONFIDENTIAL

RELATIVE MONTHLY THROUGHPUT

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
PROCESS INFORMATION

COUNTY ID	AIR BASIN	DISTRICT ID	PERSON
12	NC	NCU	
FACILITY	**DEVICE ID**	**PROCESS ID**	**DATE**
10001	1	2	09/18/06
			INVENTORY YEAR

ACTION CODE	DESCRIPTION	SCC	SIC
	HEAVY DUTY DIESEL EMISSION A1B	99999999	9999

PROCESS RATE SCC UNITS/YR	MAXIMUM HOURLY PROCESS RATE	MAXIMUM DESIGN RATE SCCUNITS/HR	% SULFUR	PROCESS RATE ORIGIN	RELIABILTY	STACK ID
1000		1				2

HOURS/ DAY	DAYS/ WEEK	WEEKS/ YEAR	YEARS OF ESTIMATE	DISTRICT USE PROD1	PROD2	FORECAST	CONFIDENTIAL

RELATIVE MONTHLY THROUGHPUT

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
PROCESS INFORMATION

COUNTY ID: 12 | AIR BASIN: NC | DISTRICT ID: NCU | PERSON:
FACILITY: 10001 | DEVICE ID: 1 | PROCESS ID: 3 | DATE: 09/18/06
INVENTORY YEAR:

ACTION CODE	DESCRIPTION	SCC	SIC
	HEAVY DUTY DIESEL EMISSION A1C	99999999	9999

PROCESS RATE SCC UNITS/YR	MAXIMUM HOURLY PROCESS RATE	MAXIMUM DESIGN RATE SCCUNITS/HR	% SULFUR	PROCESS RATE ORIGIN	RELIABILTY	STACK ID
1000		1				3

HOURS/ DAY	DAYS/ WEEK	WEEKS/ YEAR	YEARS OF ESTIMATE	DISTRICT USE PROD1	PROD2	FORECAST	CONFIDENTIAL

RELATIVE MONTHLY THROUGHPUT

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
PROCESS INFORMATION

COUNTY ID: 12	AIR BASIN: NC	DISTRICT ID: NCU	PERSON:
FACILITY: 10001	DEVICE ID: 1	PROCESS ID: 4	DATE: 09/18/06
			INVENTORY YEAR:

ACTION CODE	DESCRIPTION	SCC	SIC
	HEAVY DUTY DIESEL EMISSION A3	99999999	9999

PROCESS RATE SCC UNITS/YR	MAXIMUM HOURLY PROCESS RATE	MAXIMUM DESIGN RATE SCCUNITS/HR	% SULFUR	PROCESS RATE ORIGIN	PROCESS RATE RELIABILTY	STACK ID
1000		1				4

HOURS/ DAY	DAYS/ WEEK	WEEKS/ YEAR	YEARS OF ESTIMATE	DISTRICT USE PROD1	DISTRICT USE PROD2	FORECAST	CONFIDENTIAL

RELATIVE MONTHLY THROUGHPUT

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
PROCESS INFORMATION

COUNTY ID: 12 | AIR BASIN: NC | DISTRICT ID: NCU | PERSON:
FACILITY: 10001 | DEVICE ID: 1 | PROCESS ID: 5 | DATE: 09/18/06
INVENTORY YEAR:

ACTION CODE	DESCRIPTION	SCC	SIC
	HEAVY DUTY DIESEL EMISSION A4	99999999	9999

PROCESS RATE SCC UNITS/YR	MAXIMUM HOURLY PROCESS RATE	MAXIMUM DESIGN RATE SCCUNITS/HR	% SULFUR	PROCESS RATE ORIGIN	PROCESS RATE RELIABILTY	STACK ID
1000		1				5

HOURS/ DAY	DAYS/ WEEK	WEEKS/ YEAR	YEARS OF ESTIMATE	DISTRICT USE PROD1	DISTRICT USE PROD2	FORECAST	CONFIDENTIAL

RELATIVE MONTHLY THROUGHPUT

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
PROCESS INFORMATION

COUNTY ID: 12 | AIR BASIN: NC | DISTRICT ID: NCU | PERSON:
FACILITY: 10001 | DEVICE ID: 1 | PROCESS ID: 6 | DATE: 09/18/06
INVENTORY YEAR:

ACTION CODE	DESCRIPTION	SCC	SIC
	HEAVY DUTY DIESEL EMISSION R2	99999999	9999

PROCESS RATE SCC UNITS/YR	MAXIMUM HOURLY PROCESS RATE	MAXIMUM DESIGN RATE SCCUNITS/HR	% SULFUR	PROCESS RATE ORIGIN	PROCESS RATE RELIABILTY	STACK ID
1000		1				6

HOURS/ DAY	DAYS/ WEEK	WEEKS/ YEAR	YEARS OF ESTIMATE	DISTRICT USE PROD1	DISTRICT USE PROD2	FORECAST	CONFIDENTIAL

RELATIVE MONTHLY THROUGHPUT

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
PROCESS INFORMATION

COUNTY ID: 12 | AIR BASIN: NC | DISTRICT ID: NCU | PERSON:
FACILITY: 10001 | DEVICE ID: 1 | PROCESS ID: 7 | DATE: 09/18/06
INVENTORY YEAR:

ACTION CODE	DESCRIPTION	SCC	SIC
	HEAVY DUTY DIESEL EMISSION R3	99999999	9999

PROCESS RATE SCC UNITS/YR	MAXIMUM HOURLY PROCESS RATE	MAXIMUM DESIGN RATE SCCUNITS/HR	% SULFUR	PROCESS RATE ORIGIN	RELIABILTY	STACK ID
1000		1				7

HOURS/ DAY	DAYS/ WEEK	WEEKS/ YEAR	YEARS OF ESTIMATE	DISTRICT USE PROD1	PROD2	FORECAST	CONFIDENTIAL

RELATIVE MONTHLY THROUGHPUT

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
PROCESS INFORMATION

COUNTY ID: 12	AIR BASIN: NC	DISTRICT ID: NCU	PERSON:
FACILITY: 10001	DEVICE ID: 1	PROCESS ID: 8	DATE: 09/18/06
			INVENTORY YEAR:

ACTION CODE	DESCRIPTION	SCC	SIC
	HEAVY DUTY DIESEL EMISSION R4	99999999	9999

PROCESS RATE SCC UNITS/YR	MAXIMUM HOURLY PROCESS RATE	MAXIMUM DESIGN RATE SCCUNITS/HR	% SULFUR	PROCESS RATE ORIGIN	RELIABILTY	STACK ID
1000		1				8

HOURS/ DAY	DAYS/ WEEK	WEEKS/ YEAR	YEARS OF ESTIMATE	---DISTRICT USE--- PROD1	PROD2	FORECAST	CONFIDENTIAL

RELATIVE MONTHLY THROUGHPUT

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
PROCESS INFORMATION

COUNTY ID: 12 | AIR BASIN: NC | DISTRICT ID: NCU | PERSON:
FACILITY: 10001 | DEVICE ID: 1 | PROCESS ID: 9 | DATE: 09/18/06
INVENTORY YEAR:

ACTION CODE	DESCRIPTION	SCC	SIC
	HEAVY DUTY DIESEL EMISSION R6+7	99999999	9999

PROCESS RATE SCC UNITS/YR	MAXIMUM HOURLY PROCESS RATE	MAXIMUM DESIGN RATE SCCUNITS/HR	% SULFUR	PROCESS RATE ORIGIN	RELIABILTY	STACK ID
1000		1				9

HOURS/ DAY	DAYS/ WEEK	WEEKS/ YEAR	YEARS OF ESTIMATE	DISTRICT USE PROD1	PROD2	FORECAST	CONFIDENTIAL

RELATIVE MONTHLY THROUGHPUT

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
PROCESS INFORMATION

COUNTY ID: 12	AIR BASIN: NC	DISTRICT ID: NCU	PERSON:
FACILITY: 10001	DEVICE ID: 1	PROCESS ID: 12	DATE: 09/18/06
			INVENTORY YEAR:

ACTION CODE	DESCRIPTION	SCC	SIC
☐	HEAVY DUTY DIESEL EMISSION R8A	99999999	9999

PROCESS RATE SCC UNITS/YR	MAXIMUM HOURLY PROCESS RATE	MAXIMUM DESIGN RATE SCCUNITS/HR	% SULFUR	PROCESS RATE ORIGIN	RELIABILTY	STACK ID
1000		1				12

HOURS/ DAY	DAYS/ WEEK	WEEKS/ YEAR	YEARS OF ESTIMATE	DISTRICT USE PROD1	PROD2	FORECAST	CONFIDENTIAL
						☐	☐

RELATIVE MONTHLY THROUGHPUT

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
PROCESS INFORMATION

COUNTY ID: 12	AIR BASIN: NC	DISTRICT ID: NCU	PERSON:
FACILITY: 10001	DEVICE ID: 1	PROCESS ID: 13	DATE: 09/18/06
			INVENTORY YEAR:

ACTION CODE	DESCRIPTION	SCC	SIC
☐	HEAVY DUTY DIESEL EMISSION R8B	99999999	9999

PROCESS RATE SCC UNITS/YR	MAXIMUM HOURLY PROCESS RATE	MAXIMUM DESIGN RATE SCCUNITS/HR	% SULFUR	PROCESS RATE ORIGIN	RELIABILTY	STACK ID
1000		1				13

HOURS/ DAY	DAYS/ WEEK	WEEKS/ YEAR	YEARS OF ESTIMATE	DISTRICT USE PROD1	PROD2	FORECAST	CONFIDENTIAL
						☐	☐

RELATIVE MONTHLY THROUGHPUT

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
PROCESS INFORMATION

COUNTY ID: 12	AIR BASIN: NC	DISTRICT ID: NCU	PERSON:
FACILITY: 10001	DEVICE ID: 1	PROCESS ID: 14	DATE: 09/18/06
			INVENTORY YEAR:

ACTION CODE	DESCRIPTION	SCC	SIC
	HEAVY DUTY DIESEL EMISSION R9	99999999	9999

PROCESS RATE SCC UNITS/YR	MAXIMUM HOURLY PROCESS RATE	MAXIMUM DESIGN RATE SCCUNITS/HR	% SULFUR	PROCESS RATE ORIGIN	RELIABILTY	STACK ID
1000		1				14

HOURS/ DAY	DAYS/ WEEK	WEEKS/ YEAR	YEARS OF ESTIMATE	DISTRICT USE PROD1	PROD2	FORECAST	CONFIDENTIAL

RELATIVE MONTHLY THROUGHPUT

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
PROCESS INFORMATION

COUNTY ID: 12	AIR BASIN: NC	DISTRICT ID: NCU	PERSON:
FACILITY: 10001	DEVICE ID: 1	PROCESS ID: 15	DATE: 09/18/06
			INVENTORY YEAR:

ACTION CODE	DESCRIPTION	SCC	SIC
	HEAVY DUTY DIESEL EMISSION I1	99999999	9999

PROCESS RATE SCC UNITS/YR	MAXIMUM HOURLY PROCESS RATE	MAXIMUM DESIGN RATE SCCUNITS/HR	% SULFUR	PROCESS RATE ORIGIN	RELIABILTY	STACK ID
1000		1				10

HOURS/ DAY	DAYS/ WEEK	WEEKS/ YEAR	YEARS OF ESTIMATE	DISTRICT USE PROD1	DISTRICT USE PROD2	FORECAST	CONFIDENTIAL

RELATIVE MONTHLY THROUGHPUT

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
PROCESS INFORMATION

COUNTY ID: 12	AIR BASIN: NC	DISTRICT ID: NCU	PERSON:
FACILITY: 10001	DEVICE ID: 1	PROCESS ID: 16	DATE: 09/18/06
			INVENTORY YEAR:

ACTION CODE	DESCRIPTION	SCC	SIC
☐	HEAVY DUTY DIESEL EMISSION I2	99999999	9999

PROCESS RATE SCC UNITS/YR	MAXIMUM HOURLY PROCESS RATE	MAXIMUM DESIGN RATE SCCUNITS/HR	% SULFUR	PROCESS RATE ORIGIN	RELIABILTY	STACK ID
1000		1				11

HOURS/ DAY	DAYS/ WEEK	WEEKS/ YEAR	YEARS OF ESTIMATE	DISTRICT USE PROD1	PROD2	FORECAST	CONFIDENTIAL
						☐	☐

RELATIVE MONTHLY THROUGHPUT

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
PROCESS INFORMATION

COUNTY ID: 12	AIR BASIN: NC	DISTRICT ID: NCU	PERSON:
FACILITY: 10001	DEVICE ID: 1	PROCESS ID: 21	DATE: 09/18/06
			INVENTORY YEAR:

ACTION CODE	DESCRIPTION	SCC	SIC
	HEAVY DUTY DIESEL EMISSION A2	99999999	9999

PROCESS RATE SCC UNITS/YR	MAXIMUM HOURLY PROCESS RATE	MAXIMUM DESIGN RATE SCCUNITS/HR	% SULFUR	PROCESS RATE ORIGIN	RELIABILTY	STACK ID
1000		1				1004

HOURS/ DAY	DAYS/ WEEK	WEEKS/ YEAR	YEARS OF ESTIMATE	DISTRICT USE PROD1	PROD2	FORECAST	CONFIDENTIAL

RELATIVE MONTHLY THROUGHPUT

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
EMISSION INFORMATION

COUNTY ID: 12	AIR BASIN: NC	DISTRICT ID: NCU	PERSON:
FACILITY: 10001	DEVICE ID: 1	PROCESS ID: 1	DATE: 09/18/06
			INVENTORY YEAR:

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	9901	DieselExhPM

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1	1		0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE: POTENTIAL EMISSIONS	FORECAST ID
1.62	0.0044		1		

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	9902	DieselExhTOG

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE: POTENTIAL EMISSIONS	FORECAST ID
8.56	0.02344				

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
EMISSION INFORMATION

COUNTY ID: 12	AIR BASIN: NC	DISTRICT ID: NCU	PERSON:
FACILITY: 10001	DEVICE ID: 1	PROCESS ID: 1	DATE: 09/18/06
			INVENTORY YEAR:

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	630080	Carbon Monoxide

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE - POTENTIAL EMISSIONS	FORECAST ID
41.68	0.1142				

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	10102440	NITROGEN DIOXID

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE - POTENTIAL EMISSIONS	FORECAST ID
92.78	0.2542				

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
EMISSION INFORMATION

COUNTY ID: 12 | AIR BASIN: NC | DISTRICT ID: NCU | PERSON:
FACILITY: 10001 | DEVICE ID: 1 | PROCESS ID: 2 | DATE: 09/18/06
INVENTORY YEAR:

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	9901	DieselExhPM

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE: POTENTIAL EMISSIONS	FORECAST ID
1.62	0.0044				

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	9902	DieselExhTOG

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE: POTENTIAL EMISSIONS	FORECAST ID
8.56	0.02344				

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
EMISSION INFORMATION

COUNTY ID: 12 | AIR BASIN: NC | DISTRICT ID: NCU | PERSON:
FACILITY: 10001 | DEVICE ID: 1 | PROCESS ID: 2 | DATE: 09/18/06
INVENTORY YEAR:

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	630080	Carbon Monoxide

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE POTENTIAL EMISSIONS	FORECAST ID
41.68	0.1142				

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	10102440	NITROGEN DIOXID

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE POTENTIAL EMISSIONS	FORECAST ID
92.78	0.2542				

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
EMISSION INFORMATION

COUNTY ID: 12 | AIR BASIN: NC | DISTRICT ID: NCU | PERSON:
FACILITY: 10001 | DEVICE ID: 1 | PROCESS ID: 3 | DATE: 09/18/06
INVENTORY YEAR:

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	9901	DieselExhPM

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE: POTENTIAL EMISSIONS	FORECAST ID
1.62	0.0044				

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	9902	DieselExhTOG

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE: POTENTIAL EMISSIONS	FORECAST ID
8.56	0.02344				

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
EMISSION INFORMATION

COUNTY ID: 12	AIR BASIN: NC	DISTRICT ID: NCU	PERSON:
FACILITY: 10001	DEVICE ID: 1	PROCESS ID: 3	DATE: 09/18/06
			INVENTORY YEAR:

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	630080	Carbon Monoxide

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE: POTENTIAL EMISSIONS	FORECAST ID
41.68	0.1142				

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	10102440	NITROGEN DIOXID

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE: POTENTIAL EMISSIONS	FORECAST ID
92.78	0.2542				

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
EMISSION INFORMATION

COUNTY ID: 12	AIR BASIN: NC	DISTRICT ID: NCU	PERSON:
FACILITY: 10001	DEVICE ID: 1	PROCESS ID: 4	DATE: 09/18/06
			INVENTORY YEAR:

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	9901	DieselExhPM

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE POTENTIAL EMISSIONS	FORECAST ID
1.62	0.0044				

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	9902	DieselExhTOG

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE POTENTIAL EMISSIONS	FORECAST ID
8.56	0.02344				

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
EMISSION INFORMATION

COUNTY ID: 12 | AIR BASIN: NC | DISTRICT ID: NCU | PERSON:
FACILITY: 10001 | DEVICE ID: 1 | PROCESS ID: 4 | DATE: 09/18/06
INVENTORY YEAR:

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	630080	Carbon Monoxide

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE: POTENTIAL EMISSIONS	FORECAST ID
41.68	0.1142				

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	10102440	NITROGEN DIOXID

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE: POTENTIAL EMISSIONS	FORECAST ID
92.78	0.2542				

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
EMISSION INFORMATION

COUNTY ID: 12 | AIR BASIN: NC | DISTRICT ID: NCU | PERSON:
FACILITY: 10001 | DEVICE ID: 1 | PROCESS ID: 5 | DATE: 09/18/06
INVENTORY YEAR:

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	9901	DieselExhPM

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE: POTENTIAL EMISSIONS	FORECAST ID
1.62	0.0044				

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	9902	DieselExhTOG

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE: POTENTIAL EMISSIONS	FORECAST ID
8.56	0.02344				

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
EMISSION INFORMATION

COUNTY ID: 12 | AIR BASIN: NC | DISTRICT ID: NCU | PERSON:
FACILITY: 10001 | DEVICE ID: 1 | PROCESS ID: 5 | DATE: 09/18/06
INVENTORY YEAR:

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	630080	Carbon Monoxide

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE POTENTIAL EMISSIONS	FORECAST ID
41.68	0.1142				

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	10102440	NITROGEN DIOXID

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE POTENTIAL EMISSIONS	FORECAST ID
92.78	0.2542				

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
EMISSION INFORMATION

COUNTY ID: 12 | AIR BASIN: NC | DISTRICT ID: NCU | PERSON:
FACILITY: 10001 | DEVICE ID: 1 | PROCESS ID: 6 | DATE: 09/18/06
INVENTORY YEAR:

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	9901	DieselExhPM

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE: POTENTIAL EMISSIONS	FORECAST ID
1.62	0.0044				

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	9902	DieselExhTOG

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE: POTENTIAL EMISSIONS	FORECAST ID
8.56	0.02344				

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
EMISSION INFORMATION

COUNTY ID: 12	AIR BASIN: NC	DISTRICT ID: NCU	PERSON:
FACILITY: 10001	DEVICE ID: 1	PROCESS ID: 6	DATE: 09/18/06
			INVENTORY YEAR:

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	630080	Carbon Monoxide

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE: POTENTIAL EMISSIONS	FORECAST ID
41.68	0.1142				

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	10102440	NITROGEN DIOXID

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE: POTENTIAL EMISSIONS	FORECAST ID
92.78	0.2542				

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
EMISSION INFORMATION

COUNTY ID: 12 | AIR BASIN: NC | DISTRICT ID: NCU | PERSON:
FACILITY: 10001 | DEVICE ID: 1 | PROCESS ID: 7 | DATE: 09/18/06
INVENTORY YEAR:

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	9901	DieselExhPM

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE: POTENTIAL EMISSIONS	FORECAST ID
1.62	0.0044				

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	9902	DieselExhTOG

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE: POTENTIAL EMISSIONS	FORECAST ID
8.56	0.2344				

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
EMISSION INFORMATION

COUNTY ID: 12 | AIR BASIN: NC | DISTRICT ID: NCU | PERSON:
FACILITY: 10001 | DEVICE ID: 1 | PROCESS ID: 7 | DATE: 09/18/06
INVENTORY YEAR:

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	630080	Carbon Monoxide

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE: POTENTIAL EMISSIONS	FORECAST ID
41.68	0.1142				

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	10102440	NITROGEN DIOXID

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE: POTENTIAL EMISSIONS	FORECAST ID
92.78	0.2542				

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
EMISSION INFORMATION

COUNTY ID	AIR BASIN	DISTRICT ID	PERSON
12	NC	NCU	

FACILITY	DEVICE ID	PROCESS ID	DATE
10001	1	8	09/18/06

INVENTORY YEAR

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	9901	DieselExhPM

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION ORIGIN	FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE POTENTIAL EMISSIONS	FORECAST ID
1.62	0.0044				

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	9902	DieselExhTOG

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION ORIGIN	FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE POTENTIAL EMISSIONS	FORECAST ID
8.56	0.02344				

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
EMISSION INFORMATION

COUNTY ID: 12 | AIR BASIN: NC | DISTRICT ID: NCU | PERSON:
FACILITY: 10001 | DEVICE ID: 1 | PROCESS ID: 8 | DATE: 09/18/06
INVENTORY YEAR:

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	630080	Carbon Monoxide

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE POTENTIAL EMISSIONS	FORECAST ID
41.68	0.1142				

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	10102440	NITROGEN DIOXID

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE POTENTIAL EMISSIONS	FORECAST ID
92.78	0.2542				

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
EMISSION INFORMATION

COUNTY ID: 12 | AIR BASIN: NC | DISTRICT ID: NCU | PERSON:
FACILITY: 10001 | DEVICE ID: 1 | PROCESS ID: 9 | DATE: 09/18/06
INVENTORY YEAR:

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	9901	DieselExhPM

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE POTENTIAL EMISSIONS	FORECAST ID
1.62	0.0044				

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	9902	DieselExhTOG

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE POTENTIAL EMISSIONS	FORECAST ID
8.56	0.02344				

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
EMISSION INFORMATION

COUNTY ID: 12 | AIR BASIN: NC | DISTRICT ID: NCU | PERSON:
FACILITY: 10001 | DEVICE ID: 1 | PROCESS ID: 9 | DATE: 09/18/06
INVENTORY YEAR:

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	630080	Carbon Monoxide

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE POTENTIAL EMISSIONS	FORECAST ID
41.68	0.1142				

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	10102440	NITROGEN DIOXID

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE POTENTIAL EMISSIONS	FORECAST ID
92.78	0.2542				

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
EMISSION INFORMATION

COUNTY ID	AIR BASIN	DISTRICT ID	PERSON
12	NC	NCU	
FACILITY	**DEVICE ID**	**PROCESS ID**	**DATE**
10001	1	12	09/18/06
			INVENTORY YEAR

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	9901	DieselExhPM

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION ORIGIN	FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE POTENTIAL EMISSIONS	FORECAST ID
1.62	0.0044				

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	9902	DieselExhTOG

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION ORIGIN	FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE POTENTIAL EMISSIONS	FORECAST ID
8.56	0.02344				

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
EMISSION INFORMATION

COUNTY ID: 12	AIR BASIN: NC	DISTRICT ID: NCU	PERSON:
FACILITY: 10001	DEVICE ID: 1	PROCESS ID: 12	DATE: 09/18/06
			INVENTORY YEAR:

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	630080	Carbon Monoxide

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE POTENTIAL EMISSIONS	FORECAST ID
41.68	0.1142				

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	10102440	NITROGEN DIOXID

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE POTENTIAL EMISSIONS	FORECAST ID
92.78	0.2542				

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
EMISSION INFORMATION

COUNTY ID: 12 | AIR BASIN: NC | DISTRICT ID: NCU | PERSON:
FACILITY: 10001 | DEVICE ID: 1 | PROCESS ID: 13 | DATE: 09/18/06
INVENTORY YEAR:

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	9901	DieselExhPM

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE: POTENTIAL EMISSIONS	FORECAST ID
1.62	0.0044				

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	9902	DieselExhTOG

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE: POTENTIAL EMISSIONS	FORECAST ID
8.56	0.02344				

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
EMISSION INFORMATION

COUNTY ID: 12 | AIR BASIN: NC | DISTRICT ID: NCU | PERSON:
FACILITY: 10001 | DEVICE ID: 1 | PROCESS ID: 13 | DATE: 09/18/06
INVENTORY YEAR:

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	630080	Carbon Monoxide

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE POTENTIAL EMISSIONS	FORECAST ID
41.68	0.1142				

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	10102440	NITROGEN DIOXID

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE POTENTIAL EMISSIONS	FORECAST ID
92.78	0.2542				

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
EMISSION INFORMATION

COUNTY ID: 12	AIR BASIN: NC	DISTRICT ID: NCU	PERSON:
FACILITY: 10001	DEVICE ID: 1	PROCESS ID: 14	DATE: 09/18/06
			INVENTORY YEAR:

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	9901	DieselExhPM

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE POTENTIAL EMISSIONS	FORECAST ID
1.62	0.0044				

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	9902	DieselExhTOG

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE POTENTIAL EMISSIONS	FORECAST ID
8.56	0.02344				

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
EMISSION INFORMATION

COUNTY ID: 12	AIR BASIN: NC	DISTRICT ID: NCU	PERSON:
FACILITY: 10001	DEVICE ID: 1	PROCESS ID: 14	DATE: 09/18/06
			INVENTORY YEAR:

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	630080	Carbon Monoxide

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE POTENTIAL EMISSIONS	FORECAST ID
41.68	0.1142				

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	10102440	NITROGEN DIOXID

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE POTENTIAL EMISSIONS	FORECAST ID
92.78	0.2542				

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
EMISSION INFORMATION

COUNTY ID: 12 | AIR BASIN: NC | DISTRICT ID: NCU | PERSON:
FACILITY: 10001 | DEVICE ID: 1 | PROCESS ID: 15 | DATE: 09/18/06
INVENTORY YEAR:

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	9901	DieselExhPM

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION ORIGIN	FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE POTENTIAL EMISSIONS	FORECAST ID
1.62	0.0044				

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	9902	DieselExhTOG

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION ORIGIN	FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE POTENTIAL EMISSIONS	FORECAST ID
8.56	0.02344				

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
EMISSION INFORMATION

COUNTY ID: 12 | AIR BASIN: NC | DISTRICT ID: NCU | PERSON:
FACILITY: 10001 | DEVICE ID: 1 | PROCESS ID: 15 | DATE: 09/18/06
INVENTORY YEAR:

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	630080	Carbon Monoxide

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE: POTENTIAL EMISSIONS	FORECAST ID
41.68	0.1142				

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	10102440	NITROGEN DIOXID

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE: POTENTIAL EMISSIONS	FORECAST ID
92.78	0.2542				

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
EMISSION INFORMATION

COUNTY ID	AIR BASIN	DISTRICT ID	PERSON
12	NC	NCU	

FACILITY	DEVICE ID	PROCESS ID	DATE
10001	1	16	09/18/06

INVENTORY YEAR

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	9901	DieselExhPM

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE POTENTIAL EMISSIONS	FORECAST ID
1.62	0.0044				

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	9902	DieselExhTOG

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE POTENTIAL EMISSIONS	FORECAST ID
8.56	0.02344				

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
EMISSION INFORMATION

COUNTY ID: 12	AIR BASIN: NC	DISTRICT ID: NCU	PERSON:
FACILITY: 10001	DEVICE ID: 1	PROCESS ID: 16	DATE: 09/18/06
			INVENTORY YEAR:

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	630080	Carbon Monoxide

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE: POTENTIAL EMISSIONS	FORECAST ID
41.68	0.1142				

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	10102440	NITROGEN DIOXID

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE: POTENTIAL EMISSIONS	FORECAST ID
92.78	0.2542				

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
EMISSION INFORMATION

COUNTY ID	AIR BASIN	DISTRICT ID	PERSON
12	NC	NCU	

FACILITY	DEVICE ID	PROCESS ID	DATE
10001	1	21	09/18/06

INVENTORY YEAR

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	9901	DieselExhPM

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE POTENTIAL EMISSIONS	FORECAST ID
1.62	0.0044				

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	9902	DieselExhTOG

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE POTENTIAL EMISSIONS	FORECAST ID
8.56	0.02344				

CALIFORNIA EMISSION INVENTORY DEVELOPMENT AND REPORTING SYSTEM II (CEIDARS II)
REVIEW AND UPDATE REPORT - DATABASE YEAR: -10
EMISSION INFORMATION

COUNTY ID: 12	AIR BASIN: NC	DISTRICT ID: NCU	PERSON:
FACILITY: 10001	DEVICE ID: 1	PROCESS ID: 21	DATE: 09/18/06
			INVENTORY YEAR:

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	630080	Carbon Monoxide

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE: POTENTIAL EMISSIONS	FORECAST ID
41.68	0.1142				

ACTION CODE	POLLUTANT ID	POLLUTANT ABBREVIATED NAME
	10102440	NITROGEN DIOXID

UNCONTROLLED EMISSION FACTOR	CONTROL DEVICES PRIMARY	CONTROL DEVICES SECONDARY	CONTROL EFFICIENCY	EMISSION FACTOR	EMISSION FACTOR ORIGIN	EMISSION FACTOR RELIABILITY	FRACTION ROG/PM1	FRACTION VOC/PM2.5
				1			0	0

ANNUAL EMISSIONS	HOURLY MAX EMISSIONS	METHOD OF ESTIMATE	REASON FOR CHANGE	DISTRICT USE: POTENTIAL EMISSIONS	FORECAST ID
92.78	0.2542				

Appendix B
Model Output Data

APPENDIX B
Results

Receptor	UTM East (m)	UTM North (m)	Cancer Risk 70 Year	Cancer Risk 9 Years (Child)	Acute Hazard Index		Chronic Hazard Index
					Cardiovascular	Respiratory	Respiratory
1	399473	4518437	1.38E-08	2.63E-09	1.20E-04	1.31E-02	1.07E-05
2	399548	4518437	1.61E-08	3.06E-09	1.24E-04	1.36E-02	1.25E-05
3	399623	4518437	1.79E-08	3.40E-09	1.26E-04	1.37E-02	1.39E-05
4	399698	4518437	2.08E-08	3.95E-09	1.32E-04	1.44E-02	1.61E-05
5	399773	4518437	2.09E-08	3.98E-09	1.17E-04	1.27E-02	1.63E-05
6	399848	4518437	2.31E-08	4.39E-09	1.12E-04	1.22E-02	1.79E-05
7	399923	4518437	2.52E-08	4.80E-09	1.18E-04	1.29E-02	1.96E-05
8	399998	4518437	2.73E-08	5.20E-09	1.27E-04	1.38E-02	2.12E-05
9	400073	4518437	2.92E-08	5.55E-09	1.35E-04	1.47E-02	2.27E-05
10	400148	4518437	3.08E-08	5.85E-09	1.30E-04	1.42E-02	2.39E-05
11	400223	4518437	3.20E-08	6.09E-09	1.28E-04	1.39E-02	2.49E-05
12	400298	4518437	3.30E-08	6.27E-09	1.34E-04	1.46E-02	2.56E-05
13	400373	4518437	3.37E-08	6.41E-09	1.33E-04	1.45E-02	2.62E-05
14	400448	4518437	3.46E-08	6.58E-09	1.31E-04	1.42E-02	2.69E-05
15	400523	4518437	3.55E-08	6.75E-09	1.48E-04	1.62E-02	2.76E-05
16	400598	4518437	3.58E-08	6.80E-09	1.57E-04	1.71E-02	2.78E-05
17	400673	4518437	3.55E-08	6.75E-09	1.50E-04	1.63E-02	2.76E-05
18	400748	4518437	3.53E-08	6.71E-09	1.82E-04	1.98E-02	2.74E-05
19	400823	4518437	3.46E-08	6.58E-09	2.10E-04	2.29E-02	2.69E-05
20	400898	4518437	3.31E-08	6.29E-09	1.83E-04	1.99E-02	2.57E-05
21	400973	4518437	3.15E-08	5.98E-09	1.95E-04	2.13E-02	2.44E-05
22	401048	4518437	2.98E-08	5.66E-09	1.61E-04	1.75E-02	2.31E-05
23	401123	4518437	2.82E-08	5.35E-09	1.17E-04	1.27E-02	2.19E-05
24	401198	4518437	2.71E-08	5.15E-09	1.11E-04	1.21E-02	2.10E-05
25	401273	4518437	2.64E-08	5.02E-09	9.55E-05	1.04E-02	2.05E-05
26	401348	4518437	2.61E-08	4.97E-09	9.17E-05	9.99E-03	2.03E-05
27	401423	4518437	2.58E-08	4.91E-09	1.07E-04	1.17E-02	2.00E-05
28	401498	4518437	2.51E-08	4.76E-09	1.24E-04	1.35E-02	1.95E-05
29	401573	4518437	2.38E-08	4.52E-09	1.24E-04	1.35E-02	1.85E-05
30	401648	4518437	2.22E-08	4.22E-09	1.02E-04	1.11E-02	1.72E-05
31	401723	4518437	2.06E-08	3.91E-09	8.07E-05	8.79E-03	1.60E-05
32	401798	4518437	1.91E-08	3.64E-09	7.59E-05	8.27E-03	1.48E-05
33	401873	4518437	1.78E-08	3.39E-09	7.50E-05	8.17E-03	1.39E-05
34	399473	4518362	1.42E-08	2.71E-09	1.28E-04	1.40E-02	1.11E-05
35	399548	4518362	1.54E-08	2.93E-09	1.28E-04	1.39E-02	1.20E-05
36	399623	4518362	1.76E-08	3.34E-09	1.34E-04	1.46E-02	1.36E-05
37	399698	4518362	1.98E-08	3.76E-09	1.36E-04	1.48E-02	1.53E-05
38	399773	4518362	2.12E-08	4.02E-09	1.30E-04	1.42E-02	1.64E-05
39	399848	4518362	2.36E-08	4.49E-09	1.29E-04	1.40E-02	1.83E-05
40	399923	4518362	2.63E-08	4.99E-09	1.25E-04	1.36E-02	2.04E-05
41	399998	4518362	2.89E-08	5.50E-09	1.34E-04	1.46E-02	2.25E-05
42	400073	4518362	3.15E-08	5.99E-09	1.43E-04	1.56E-02	2.44E-05
43	400148	4518362	3.38E-08	6.42E-09	1.47E-04	1.61E-02	2.62E-05
44	400223	4518362	3.57E-08	6.78E-09	1.47E-04	1.60E-02	2.77E-05
45	400298	4518362	3.72E-08	7.06E-09	1.50E-04	1.63E-02	2.89E-05
46	400373	4518362	3.83E-08	7.28E-09	1.48E-04	1.61E-02	2.98E-05
47	400448	4518362	3.95E-08	7.51E-09	1.50E-04	1.63E-02	3.07E-05
48	400523	4518362	4.08E-08	7.76E-09	1.63E-04	1.77E-02	3.17E-05

Receptor	UTM East (m)	UTM North (m)	Cancer Risk 70 Year	Cancer Risk 9 Years (Child)	Acute Hazard Index		Chronic Hazard Index
					Cardiovascular	Respiratory	Respiratory
49	400598	4518362	4.16E-08	7.91E-09	1.83E-04	1.99E-02	3.23E-05
50	400673	4518362	4.14E-08	7.86E-09	1.69E-04	1.84E-02	3.21E-05
51	400748	4518362	4.10E-08	7.79E-09	1.97E-04	2.14E-02	3.18E-05
52	400823	4518362	4.02E-08	7.65E-09	2.37E-04	2.58E-02	3.12E-05
53	400898	4518362	3.84E-08	7.31E-09	2.07E-04	2.25E-02	2.98E-05
54	400973	4518362	3.63E-08	6.90E-09	2.13E-04	2.32E-02	2.82E-05
55	401048	4518362	3.42E-08	6.50E-09	1.70E-04	1.85E-02	2.65E-05
56	401123	4518362	3.24E-08	6.16E-09	1.31E-04	1.42E-02	2.52E-05
57	401198	4518362	3.13E-08	5.94E-09	1.21E-04	1.31E-02	2.43E-05
58	401273	4518362	3.06E-08	5.81E-09	1.02E-04	1.11E-02	2.37E-05
59	401348	4518362	3.01E-08	5.73E-09	1.13E-04	1.23E-02	2.34E-05
60	401423	4518362	2.94E-08	5.58E-09	1.35E-04	1.47E-02	2.28E-05
61	401498	4518362	2.80E-08	5.31E-09	1.39E-04	1.52E-02	2.17E-05
62	401573	4518362	2.60E-08	4.95E-09	1.18E-04	1.29E-02	2.02E-05
63	401648	4518362	2.40E-08	4.56E-09	9.33E-05	1.02E-02	1.86E-05
64	401723	4518362	2.21E-08	4.20E-09	8.52E-05	9.28E-03	1.72E-05
65	401798	4518362	2.05E-08	3.89E-09	8.23E-05	8.96E-03	1.59E-05
66	401873	4518362	1.90E-08	3.61E-09	7.26E-05	7.90E-03	1.47E-05
67	399473	4518287	1.40E-08	2.66E-09	1.32E-04	1.43E-02	1.09E-05
68	399548	4518287	1.55E-08	2.95E-09	1.38E-04	1.50E-02	1.20E-05
69	399623	4518287	1.65E-08	3.14E-09	1.39E-04	1.51E-02	1.28E-05
70	399698	4518287	1.87E-08	3.55E-09	1.42E-04	1.55E-02	1.45E-05
71	399773	4518287	2.11E-08	4.01E-09	1.40E-04	1.53E-02	1.64E-05
72	399848	4518287	2.38E-08	4.53E-09	1.43E-04	1.55E-02	1.85E-05
73	399923	4518287	2.69E-08	5.12E-09	1.42E-04	1.55E-02	2.09E-05
74	399998	4518287	3.03E-08	5.75E-09	1.41E-04	1.53E-02	2.35E-05
75	400073	4518287	3.36E-08	6.39E-09	1.53E-04	1.66E-02	2.61E-05
76	400148	4518287	3.68E-08	6.99E-09	1.63E-04	1.77E-02	2.85E-05
77	400223	4518287	3.96E-08	7.52E-09	1.63E-04	1.78E-02	3.07E-05
78	400298	4518287	4.19E-08	7.97E-09	1.68E-04	1.83E-02	3.26E-05
79	400373	4518287	4.38E-08	8.32E-09	1.71E-04	1.86E-02	3.40E-05
80	400448	4518287	4.54E-08	8.63E-09	1.62E-04	1.77E-02	3.52E-05
81	400523	4518287	4.73E-08	8.99E-09	1.78E-04	1.94E-02	3.67E-05
82	400598	4518287	4.89E-08	9.30E-09	2.12E-04	2.31E-02	3.80E-05
83	400673	4518287	4.90E-08	9.32E-09	1.99E-04	2.16E-02	3.81E-05
84	400748	4518287	4.84E-08	9.19E-09	2.23E-04	2.43E-02	3.76E-05
85	400823	4518287	4.75E-08	9.02E-09	2.69E-04	2.93E-02	3.69E-05
86	400898	4518287	4.53E-08	8.61E-09	2.35E-04	2.56E-02	3.52E-05
87	400973	4518287	4.26E-08	8.09E-09	2.33E-04	2.53E-02	3.30E-05
88	401048	4518287	3.99E-08	7.59E-09	1.82E-04	1.98E-02	3.10E-05
89	401123	4518287	3.79E-08	7.21E-09	1.49E-04	1.62E-02	2.95E-05
90	401198	4518287	3.67E-08	6.97E-09	1.30E-04	1.42E-02	2.85E-05
91	401273	4518287	3.58E-08	6.81E-09	1.21E-04	1.32E-02	2.78E-05
92	401348	4518287	3.50E-08	6.64E-09	1.45E-04	1.58E-02	2.71E-05
93	401423	4518287	3.34E-08	6.35E-09	1.56E-04	1.70E-02	2.59E-05
94	401498	4518287	3.11E-08	5.90E-09	1.39E-04	1.52E-02	2.41E-05
95	401573	4518287	2.84E-08	5.41E-09	1.10E-04	1.20E-02	2.21E-05
96	401648	4518287	2.60E-08	4.94E-09	9.66E-05	1.05E-02	2.02E-05

APPENDIX B
Results

Receptor	UTM East (m)	UTM North (m)	Cancer Risk 70 Year	Cancer Risk 9 Years (Child)	Acute Hazard Index		Chronic Hazard Index
					Cardiovascular	Respiratory	Respiratory
97	401723	4518287	2.38E-08	4.52E-09	9.09E-05	9.90E-03	1.85E-05
98	401798	4518287	2.19E-08	4.15E-09	7.89E-05	8.60E-03	1.70E-05
99	401873	4518287	2.02E-08	3.83E-09	7.43E-05	8.09E-03	1.57E-05
100	399473	4518212	1.27E-08	2.41E-09	1.30E-04	1.41E-02	9.86E-06
101	399548	4518212	1.40E-08	2.65E-09	1.34E-04	1.46E-02	1.08E-05
102	399623	4518212	1.59E-08	3.03E-09	1.42E-04	1.55E-02	1.24E-05
103	399698	4518212	1.82E-08	3.45E-09	1.48E-04	1.62E-02	1.41E-05
104	399773	4518212	2.07E-08	3.94E-09	1.53E-04	1.67E-02	1.61E-05
105	399848	4518212	2.37E-08	4.50E-09	1.53E-04	1.67E-02	1.84E-05
106	399923	4518212	2.71E-08	5.16E-09	1.57E-04	1.71E-02	2.11E-05
107	399998	4518212	3.11E-08	5.90E-09	1.58E-04	1.72E-02	2.41E-05
108	400073	4518212	3.53E-08	6.71E-09	1.59E-04	1.73E-02	2.74E-05
109	400148	4518212	3.96E-08	7.53E-09	1.76E-04	1.92E-02	3.07E-05
110	400223	4518212	4.36E-08	8.29E-09	1.84E-04	2.00E-02	3.39E-05
111	400298	4518212	4.72E-08	8.98E-09	1.92E-04	2.09E-02	3.67E-05
112	400373	4518212	5.02E-08	9.54E-09	2.00E-04	2.18E-02	3.90E-05
113	400448	4518212	5.25E-08	9.99E-09	1.88E-04	2.05E-02	4.08E-05
114	400523	4518212	5.52E-08	1.05E-08	1.96E-04	2.13E-02	4.28E-05
115	400598	4518212	5.80E-08	1.10E-08	2.38E-04	2.59E-02	4.50E-05
116	400673	4518212	5.90E-08	1.12E-08	2.39E-04	2.61E-02	4.58E-05
117	400748	4518212	5.83E-08	1.11E-08	2.57E-04	2.80E-02	4.53E-05
118	400823	4518212	5.70E-08	1.08E-08	3.03E-04	3.30E-02	4.43E-05
119	400898	4518212	5.44E-08	1.03E-08	2.67E-04	2.91E-02	4.23E-05
120	400973	4518212	5.08E-08	9.66E-09	2.55E-04	2.78E-02	3.95E-05
121	401048	4518212	4.76E-08	9.04E-09	1.99E-04	2.17E-02	3.69E-05
122	401123	4518212	4.53E-08	8.62E-09	1.72E-04	1.87E-02	3.52E-05
123	401198	4518212	4.38E-08	8.33E-09	1.52E-04	1.65E-02	3.40E-05
124	401273	4518212	4.25E-08	8.07E-09	1.60E-04	1.75E-02	3.30E-05
125	401348	4518212	4.07E-08	7.73E-09	1.79E-04	1.95E-02	3.16E-05
126	401423	4518212	3.78E-08	7.19E-09	1.65E-04	1.79E-02	2.94E-05
127	401498	4518212	3.44E-08	6.54E-09	1.32E-04	1.43E-02	2.67E-05
128	401573	4518212	3.11E-08	5.90E-09	1.11E-04	1.21E-02	2.41E-05
129	401648	4518212	2.81E-08	5.34E-09	1.01E-04	1.11E-02	2.18E-05
130	401723	4518212	2.55E-08	4.85E-09	8.63E-05	9.40E-03	1.98E-05
131	401798	4518212	2.33E-08	4.43E-09	8.34E-05	9.08E-03	1.81E-05
132	401873	4518212	2.14E-08	4.07E-09	8.21E-05	8.95E-03	1.66E-05
133	399473	4518137	1.15E-08	2.18E-09	1.27E-04	1.39E-02	8.90E-06
134	399548	4518137	1.29E-08	2.46E-09	1.28E-04	1.40E-02	1.00E-05
135	399623	4518137	1.50E-08	2.84E-09	1.40E-04	1.53E-02	1.16E-05
136	399698	4518137	1.73E-08	3.29E-09	1.51E-04	1.65E-02	1.35E-05
137	399773	4518137	2.01E-08	3.81E-09	1.58E-04	1.72E-02	1.56E-05
138	399848	4518137	2.32E-08	4.41E-09	1.65E-04	1.80E-02	1.80E-05
139	399923	4518137	2.69E-08	5.12E-09	1.67E-04	1.82E-02	2.09E-05
140	399998	4518137	3.13E-08	5.94E-09	1.74E-04	1.89E-02	2.43E-05
141	400073	4518137	3.63E-08	6.90E-09	1.76E-04	1.92E-02	2.82E-05
142	400148	4518137	4.18E-08	7.95E-09	1.81E-04	1.97E-02	3.25E-05
143	400223	4518137	4.75E-08	9.02E-09	2.04E-04	2.22E-02	3.68E-05
144	400298	4518137	5.28E-08	1.00E-08	2.11E-04	2.30E-02	4.10E-05

Receptor	UTM East (m)	UTM North (m)	Cancer Risk 70 Year	Cancer Risk 9 Years (Child)	Acute Hazard Index		Chronic Hazard Index
					Cardiovascular	Respiratory	Respiratory
145	400373	4518137	5.76E-08	1.09E-08	2.31E-04	2.52E-02	4.47E-05
146	400448	4518137	6.13E-08	1.17E-08	2.30E-04	2.50E-02	4.76E-05
147	400523	4518137	6.49E-08	1.23E-08	2.23E-04	2.42E-02	5.04E-05
148	400598	4518137	6.92E-08	1.32E-08	2.65E-04	2.89E-02	5.37E-05
149	400673	4518137	7.22E-08	1.37E-08	2.93E-04	3.19E-02	5.60E-05
150	400748	4518137	7.20E-08	1.37E-08	3.04E-04	3.31E-02	5.59E-05
151	400823	4518137	7.02E-08	1.34E-08	3.61E-04	3.93E-02	5.45E-05
152	400898	4518137	6.69E-08	1.27E-08	3.03E-04	3.30E-02	5.19E-05
153	400973	4518137	6.23E-08	1.18E-08	2.81E-04	3.06E-02	4.84E-05
154	401048	4518137	5.82E-08	1.11E-08	2.36E-04	2.57E-02	4.52E-05
155	401123	4518137	5.56E-08	1.06E-08	2.02E-04	2.20E-02	4.31E-05
156	401198	4518137	5.32E-08	1.01E-08	1.85E-04	2.02E-02	4.13E-05
157	401273	4518137	5.08E-08	9.65E-09	2.06E-04	2.24E-02	3.94E-05
158	401348	4518137	4.73E-08	8.99E-09	1.95E-04	2.13E-02	3.67E-05
159	401423	4518137	4.27E-08	8.12E-09	1.61E-04	1.76E-02	3.32E-05
160	401498	4518137	3.80E-08	7.23E-09	1.31E-04	1.42E-02	2.95E-05
161	401573	4518137	3.39E-08	6.44E-09	1.14E-04	1.24E-02	2.63E-05
162	401648	4518137	3.03E-08	5.76E-09	9.51E-05	1.04E-02	2.35E-05
163	401723	4518137	2.73E-08	5.19E-09	9.44E-05	1.03E-02	2.12E-05
164	401798	4518137	2.47E-08	4.70E-09	9.71E-05	1.06E-02	1.92E-05
165	401873	4518137	2.26E-08	4.29E-09	9.41E-05	1.02E-02	1.75E-05
166	399473	4518062	1.02E-08	1.94E-09	1.15E-04	1.25E-02	7.91E-06
167	399548	4518062	1.20E-08	2.28E-09	1.29E-04	1.41E-02	9.33E-06
168	399623	4518062	1.44E-08	2.73E-09	1.43E-04	1.56E-02	1.12E-05
169	399698	4518062	1.61E-08	3.05E-09	1.43E-04	1.56E-02	1.25E-05
170	399773	4518062	1.89E-08	3.59E-09	1.60E-04	1.74E-02	1.47E-05
171	399848	4518062	2.23E-08	4.24E-09	1.71E-04	1.87E-02	1.73E-05
172	399923	4518062	2.63E-08	5.00E-09	1.82E-04	1.99E-02	2.04E-05
173	399998	4518062	3.10E-08	5.90E-09	1.86E-04	2.03E-02	2.41E-05
174	400073	4518062	3.66E-08	6.96E-09	1.92E-04	2.09E-02	2.84E-05
175	400148	4518062	4.32E-08	8.20E-09	2.00E-04	2.18E-02	3.35E-05
176	400223	4518062	5.05E-08	9.59E-09	2.10E-04	2.29E-02	3.92E-05
177	400298	4518062	5.81E-08	1.10E-08	2.39E-04	2.60E-02	4.51E-05
178	400373	4518062	6.56E-08	1.25E-08	2.48E-04	2.70E-02	5.09E-05
179	400448	4518062	7.20E-08	1.37E-08	2.84E-04	3.09E-02	5.59E-05
180	400523	4518062	7.72E-08	1.47E-08	2.52E-04	2.75E-02	5.99E-05
181	400598	4518062	8.33E-08	1.58E-08	3.01E-04	3.28E-02	6.46E-05
182	400673	4518062	8.92E-08	1.69E-08	3.31E-04	3.61E-02	6.92E-05
183	400748	4518062	9.12E-08	1.73E-08	3.89E-04	4.23E-02	7.08E-05
184	400823	4518062	8.93E-08	1.70E-08	4.30E-04	4.68E-02	6.93E-05
185	400898	4518062	8.48E-08	1.61E-08	3.53E-04	3.85E-02	6.58E-05
186	400973	4518062	7.90E-08	1.50E-08	3.23E-04	3.52E-02	6.14E-05
187	401048	4518062	7.39E-08	1.41E-08	2.91E-04	3.17E-02	5.74E-05
188	401123	4518062	7.00E-08	1.33E-08	2.60E-04	2.84E-02	5.44E-05
189	401198	4518062	6.58E-08	1.25E-08	2.45E-04	2.67E-02	5.11E-05
190	401273	4518062	6.12E-08	1.16E-08	2.34E-04	2.55E-02	4.75E-05
191	401348	4518062	5.49E-08	1.04E-08	2.03E-04	2.21E-02	4.27E-05
192	401423	4518062	4.80E-08	9.13E-09	1.58E-04	1.72E-02	3.73E-05

Receptor	UTM East (m)	UTM North (m)	Cancer Risk 70 Year	Cancer Risk 9 Years (Child)	Acute Hazard Index		Chronic Hazard Index
					Cardiovascular	Respiratory	Respiratory
193	401498	4518062	4.19E-08	7.96E-09	1.29E-04	1.41E-02	3.25E-05
194	401573	4518062	3.68E-08	6.99E-09	1.06E-04	1.16E-02	2.86E-05
195	401648	4518062	3.26E-08	6.19E-09	1.07E-04	1.17E-02	2.53E-05
196	401723	4518062	2.91E-08	5.54E-09	1.06E-04	1.16E-02	2.26E-05
197	401798	4518062	2.63E-08	4.99E-09	9.90E-05	1.08E-02	2.04E-05
198	401873	4518062	2.39E-08	4.53E-09	8.77E-05	9.56E-03	1.85E-05
199	399473	4517987	9.74E-09	1.85E-09	1.08E-04	1.18E-02	7.56E-06
200	399548	4517987	1.14E-08	2.17E-09	1.22E-04	1.33E-02	8.88E-06
201	399623	4517987	1.25E-08	2.38E-09	1.31E-04	1.43E-02	9.74E-06
202	399698	4517987	1.45E-08	2.76E-09	1.28E-04	1.39E-02	1.13E-05
203	399773	4517987	1.73E-08	3.29E-09	1.44E-04	1.56E-02	1.34E-05
204	399848	4517987	2.07E-08	3.94E-09	1.65E-04	1.80E-02	1.61E-05
205	399923	4517987	2.50E-08	4.75E-09	1.82E-04	1.99E-02	1.94E-05
206	399998	4517987	3.01E-08	5.72E-09	2.05E-04	2.23E-02	2.34E-05
207	400073	4517987	3.63E-08	6.90E-09	2.14E-04	2.33E-02	2.82E-05
208	400148	4517987	4.37E-08	8.31E-09	2.20E-04	2.39E-02	3.39E-05
209	400223	4517987	5.24E-08	9.97E-09	2.31E-04	2.52E-02	4.07E-05
210	400298	4517987	6.24E-08	1.19E-08	2.45E-04	2.67E-02	4.84E-05
211	400373	4517987	7.33E-08	1.39E-08	2.91E-04	3.17E-02	5.69E-05
212	400448	4517987	8.41E-08	1.60E-08	3.20E-04	3.49E-02	6.53E-05
213	400523	4517987	9.30E-08	1.77E-08	3.27E-04	3.56E-02	7.22E-05
214	400598	4517987	1.02E-07	1.93E-08	3.51E-04	3.82E-02	7.89E-05
215	400673	4517987	1.11E-07	2.11E-08	3.93E-04	4.28E-02	8.63E-05
216	400748	4517987	1.18E-07	2.24E-08	4.65E-04	5.06E-02	9.16E-05
217	400823	4517987	1.18E-07	2.24E-08	4.96E-04	5.40E-02	9.14E-05
218	400898	4517987	1.13E-07	2.14E-08	4.51E-04	4.92E-02	8.74E-05
219	400973	4517987	1.05E-07	2.00E-08	3.99E-04	4.34E-02	8.18E-05
220	401048	4517987	9.83E-08	1.87E-08	3.90E-04	4.25E-02	7.64E-05
221	401123	4517987	9.10E-08	1.73E-08	3.56E-04	3.88E-02	7.07E-05
222	401198	4517987	8.31E-08	1.58E-08	2.97E-04	3.24E-02	6.45E-05
223	401273	4517987	7.41E-08	1.41E-08	2.63E-04	2.86E-02	5.76E-05
224	401348	4517987	6.33E-08	1.20E-08	1.97E-04	2.15E-02	4.91E-05
225	401423	4517987	5.36E-08	1.02E-08	1.51E-04	1.65E-02	4.16E-05
226	401498	4517987	4.59E-08	8.72E-09	1.23E-04	1.34E-02	3.56E-05
227	401573	4517987	3.98E-08	7.57E-09	1.22E-04	1.33E-02	3.09E-05
228	401648	4517987	3.50E-08	6.65E-09	1.15E-04	1.25E-02	2.72E-05
229	401723	4517987	3.11E-08	5.92E-09	1.04E-04	1.13E-02	2.42E-05
230	401798	4517987	2.80E-08	5.32E-09	8.99E-05	9.79E-03	2.17E-05
231	401873	4517987	2.54E-08	4.82E-09	7.80E-05	8.50E-03	1.97E-05
232	399473	4517912	7.95E-09	1.51E-09	8.79E-05	9.57E-03	6.18E-06
233	399548	4517912	9.03E-09	1.72E-09	9.58E-05	1.04E-02	7.01E-06
234	399623	4517912	1.16E-08	2.21E-09	1.17E-04	1.28E-02	9.04E-06
235	399698	4517912	1.29E-08	2.45E-09	1.12E-04	1.22E-02	1.00E-05
236	399773	4517912	1.55E-08	2.94E-09	1.27E-04	1.38E-02	1.20E-05
237	399848	4517912	1.87E-08	3.56E-09	1.45E-04	1.58E-02	1.45E-05
238	399923	4517912	2.29E-08	4.34E-09	1.69E-04	1.84E-02	1.77E-05
239	399998	4517912	2.82E-08	5.36E-09	1.91E-04	2.08E-02	2.19E-05
240	400073	4517912	3.49E-08	6.64E-09	2.23E-04	2.43E-02	2.71E-05

APPENDIX B
Results

Receptor	UTM East (m)	UTM North (m)	Cancer Risk 70 Year	Cancer Risk 9 Years (Child)	Acute Hazard Index		Chronic Hazard Index
					Cardiovascular	Respiratory	Respiratory
241	400148	4517912	4.33E-08	8.22E-09	2.47E-04	2.69E-02	3.36E-05
242	400223	4517912	5.34E-08	1.01E-08	2.63E-04	2.86E-02	4.14E-05
243	400298	4517912	6.55E-08	1.25E-08	2.79E-04	3.04E-02	5.09E-05
244	400373	4517912	7.99E-08	1.52E-08	2.96E-04	3.23E-02	6.20E-05
245	400448	4517912	9.61E-08	1.83E-08	3.44E-04	3.74E-02	7.46E-05
246	400523	4517912	1.12E-07	2.13E-08	4.14E-04	4.51E-02	8.70E-05
247	400598	4517912	1.27E-07	2.41E-08	4.23E-04	4.60E-02	9.82E-05
248	400673	4517912	1.41E-07	2.69E-08	4.74E-04	5.16E-02	1.10E-04
249	400748	4517912	1.55E-07	2.94E-08	6.12E-04	6.66E-02	1.20E-04
250	400823	4517912	1.61E-07	3.06E-08	6.53E-04	7.11E-02	1.25E-04
251	400898	4517912	1.60E-07	3.04E-08	6.24E-04	6.79E-02	1.24E-04
252	400973	4517912	1.51E-07	2.88E-08	5.30E-04	5.78E-02	1.18E-04
253	401048	4517912	1.39E-07	2.64E-08	5.39E-04	5.88E-02	1.08E-04
254	401123	4517912	1.23E-07	2.33E-08	4.20E-04	4.58E-02	9.54E-05
255	401198	4517912	1.08E-07	2.04E-08	3.37E-04	3.67E-02	8.35E-05
256	401273	4517912	8.90E-08	1.69E-08	2.61E-04	2.84E-02	6.91E-05
257	401348	4517912	7.21E-08	1.37E-08	1.86E-04	2.03E-02	5.60E-05
258	401423	4517912	5.94E-08	1.13E-08	1.53E-04	1.66E-02	4.61E-05
259	401498	4517912	5.01E-08	9.53E-09	1.41E-04	1.54E-02	3.89E-05
260	401573	4517912	4.32E-08	8.21E-09	1.30E-04	1.41E-02	3.35E-05
261	401648	4517912	3.78E-08	7.19E-09	1.12E-04	1.22E-02	2.94E-05
262	401723	4517912	3.36E-08	6.39E-09	9.73E-05	1.06E-02	2.61E-05
263	401798	4517912	3.02E-08	5.74E-09	8.33E-05	9.07E-03	2.34E-05
264	401873	4517912	2.74E-08	5.20E-09	7.47E-05	8.13E-03	2.13E-05
265	399473	4517837	6.61E-09	1.26E-09	7.61E-05	8.29E-03	5.13E-06
266	399548	4517837	8.12E-09	1.54E-09	9.07E-05	9.88E-03	6.31E-06
267	399623	4517837	9.41E-09	1.79E-09	9.22E-05	1.00E-02	7.31E-06
268	399698	4517837	1.13E-08	2.14E-09	1.06E-04	1.16E-02	8.75E-06
269	399773	4517837	1.36E-08	2.59E-09	1.19E-04	1.30E-02	1.06E-05
270	399848	4517837	1.66E-08	3.15E-09	1.31E-04	1.43E-02	1.29E-05
271	399923	4517837	2.04E-08	3.88E-09	1.46E-04	1.59E-02	1.58E-05
272	399998	4517837	2.54E-08	4.83E-09	1.73E-04	1.88E-02	1.97E-05
273	400073	4517837	3.21E-08	6.11E-09	2.03E-04	2.21E-02	2.49E-05
274	400148	4517837	4.11E-08	7.81E-09	2.46E-04	2.68E-02	3.19E-05
275	400223	4517837	5.27E-08	1.00E-08	2.77E-04	3.02E-02	4.09E-05
276	400298	4517837	6.70E-08	1.27E-08	3.18E-04	3.47E-02	5.20E-05
277	400373	4517837	8.49E-08	1.61E-08	3.49E-04	3.80E-02	6.59E-05
278	400448	4517837	1.07E-07	2.04E-08	3.95E-04	4.30E-02	8.33E-05
279	400523	4517837	1.33E-07	2.53E-08	4.45E-04	4.84E-02	1.03E-04
280	400598	4517837	1.59E-07	3.02E-08	5.13E-04	5.59E-02	1.24E-04
281	400673	4517837	1.86E-07	3.53E-08	6.31E-04	6.87E-02	1.44E-04
282	400748	4517837	2.06E-07	3.92E-08	7.68E-04	8.37E-02	1.60E-04
283	400823	4517837	2.27E-07	4.32E-08	8.53E-04	9.30E-02	1.77E-04
284	400898	4517837	2.43E-07	4.61E-08	7.81E-04	8.50E-02	1.88E-04
285	400973	4517837	2.44E-07	4.64E-08	7.47E-04	8.13E-02	1.89E-04
286	401048	4517837	2.16E-07	4.10E-08	7.76E-04	8.46E-02	1.68E-04
287	401123	4517837	1.77E-07	3.37E-08	5.20E-04	5.67E-02	1.38E-04
288	401198	4517837	1.41E-07	2.67E-08	3.86E-04	4.21E-02	1.09E-04

Receptor	UTM East (m)	UTM North (m)	Cancer Risk 70 Year	Cancer Risk 9 Years (Child)	Acute Hazard Index		Chronic Hazard Index
					Cardiovascular	Respiratory	Respiratory
289	401273	4517837	1.05E-07	1.99E-08	2.48E-04	2.70E-02	8.14E-05
290	401348	4517837	8.15E-08	1.55E-08	2.03E-04	2.21E-02	6.33E-05
291	401423	4517837	6.61E-08	1.26E-08	1.74E-04	1.89E-02	5.13E-05
292	401498	4517837	5.54E-08	1.05E-08	1.50E-04	1.64E-02	4.30E-05
293	401573	4517837	4.76E-08	9.05E-09	1.29E-04	1.40E-02	3.70E-05
294	401648	4517837	4.22E-08	8.02E-09	1.32E-04	1.44E-02	3.27E-05
295	401723	4517837	3.78E-08	7.19E-09	1.26E-04	1.37E-02	2.94E-05
296	401798	4517837	3.30E-08	6.27E-09	1.01E-04	1.10E-02	2.56E-05
297	401873	4517837	2.98E-08	5.66E-09	9.42E-05	1.03E-02	2.31E-05
298	399473	4517762	6.54E-09	1.24E-09	7.39E-05	8.05E-03	5.08E-06
299	399548	4517762	6.88E-09	1.31E-09	6.60E-05	7.19E-03	5.34E-06
300	399623	4517762	8.10E-09	1.54E-09	7.72E-05	8.41E-03	6.29E-06
301	399698	4517762	9.68E-09	1.84E-09	9.05E-05	9.86E-03	7.51E-06
302	399773	4517762	1.17E-08	2.23E-09	1.05E-04	1.15E-02	9.11E-06
303	399848	4517762	1.44E-08	2.74E-09	1.25E-04	1.36E-02	1.12E-05
304	399923	4517762	1.79E-08	3.40E-09	1.46E-04	1.59E-02	1.39E-05
305	399998	4517762	2.25E-08	4.28E-09	1.65E-04	1.79E-02	1.75E-05
306	400073	4517762	2.87E-08	5.46E-09	1.87E-04	2.04E-02	2.23E-05
307	400148	4517762	3.73E-08	7.09E-09	2.15E-04	2.34E-02	2.90E-05
308	400223	4517762	4.94E-08	9.39E-09	2.84E-04	3.09E-02	3.84E-05
309	400298	4517762	6.60E-08	1.25E-08	3.35E-04	3.65E-02	5.12E-05
310	400373	4517762	8.72E-08	1.66E-08	3.87E-04	4.22E-02	6.77E-05
311	400448	4517762	1.15E-07	2.19E-08	4.38E-04	4.77E-02	8.94E-05
312	400523	4517762	1.54E-07	2.93E-08	5.32E-04	5.80E-02	1.20E-04
313	400598	4517762	2.01E-07	3.82E-08	6.21E-04	6.76E-02	1.56E-04
314	400673	4517762	2.56E-07	4.86E-08	7.53E-04	8.20E-02	1.99E-04
315	400748	4517762	2.96E-07	5.62E-08	9.65E-04	1.05E-01	2.30E-04
316	400823	4517762	3.23E-07	6.15E-08	1.13E-03	1.23E-01	2.51E-04
317	400898	4517762	3.92E-07	7.46E-08	1.19E-03	1.30E-01	3.05E-04
318	400973	4517762	4.93E-07	9.38E-08	1.53E-03	1.67E-01	3.83E-04
319	401048	4517762	4.31E-07	8.20E-08	1.32E-03	1.44E-01	3.35E-04
320	401123	4517762	2.95E-07	5.60E-08	8.05E-04	8.77E-02	2.29E-04
321	401198	4517762	1.80E-07	3.41E-08	4.14E-04	4.51E-02	1.39E-04
322	401273	4517762	1.24E-07	2.35E-08	2.96E-04	3.23E-02	9.61E-05
323	401348	4517762	9.37E-08	1.78E-08	2.31E-04	2.52E-02	7.28E-05
324	401423	4517762	7.51E-08	1.43E-08	2.09E-04	2.27E-02	5.83E-05
325	401498	4517762	6.24E-08	1.19E-08	1.87E-04	2.04E-02	4.84E-05
326	401573	4517762	5.34E-08	1.01E-08	1.84E-04	2.00E-02	4.15E-05
327	401648	4517762	4.49E-08	8.54E-09	1.60E-04	1.75E-02	3.49E-05
328	401723	4517762	4.19E-08	7.97E-09	1.38E-04	1.50E-02	3.25E-05
329	401798	4517762	3.68E-08	7.00E-09	1.24E-04	1.35E-02	2.86E-05
330	401873	4517762	3.18E-08	6.04E-09	1.12E-04	1.22E-02	2.47E-05
331	399473	4517687	5.64E-09	1.07E-09	6.65E-05	7.25E-03	4.38E-06
332	399548	4517687	6.11E-09	1.16E-09	6.03E-05	6.57E-03	4.75E-06
333	399623	4517687	7.09E-09	1.35E-09	6.69E-05	7.29E-03	5.51E-06
334	399698	4517687	8.36E-09	1.59E-09	7.45E-05	8.12E-03	6.49E-06
335	399773	4517687	1.00E-08	1.91E-09	8.78E-05	9.56E-03	7.79E-06
336	399848	4517687	1.23E-08	2.34E-09	1.06E-04	1.15E-02	9.55E-06

Receptor	UTM East (m)	UTM North (m)	Cancer Risk 70 Year	Cancer Risk 9 Years (Child)	Acute Hazard Index		Chronic Hazard Index
					Cardiovascular	Respiratory	Respiratory
337	399923	4517687	1.54E-08	2.92E-09	1.29E-04	1.40E-02	1.19E-05
338	399998	4517687	1.95E-08	3.71E-09	1.54E-04	1.67E-02	1.52E-05
339	400073	4517687	2.52E-08	4.80E-09	1.87E-04	2.03E-02	1.96E-05
340	400148	4517687	3.33E-08	6.33E-09	2.26E-04	2.47E-02	2.58E-05
341	400223	4517687	4.49E-08	8.53E-09	2.50E-04	2.73E-02	3.48E-05
342	400298	4517687	6.17E-08	1.17E-08	3.13E-04	3.41E-02	4.79E-05
343	400373	4517687	8.62E-08	1.64E-08	4.19E-04	4.57E-02	6.69E-05
344	400448	4517687	1.20E-07	2.28E-08	5.32E-04	5.79E-02	9.32E-05
345	400523	4517687	1.68E-07	3.19E-08	5.91E-04	6.44E-02	1.30E-04
346	400598	4517687	2.48E-07	4.72E-08	8.20E-04	8.93E-02	1.93E-04
347	400673	4517687	3.54E-07	6.73E-08	9.61E-04	1.05E-01	2.75E-04
348	400748	4517687	5.08E-07	9.66E-08	1.19E-03	1.30E-01	3.95E-04
349	400823	4517687	5.59E-07	1.06E-07	1.65E-03	1.80E-01	4.34E-04
350	400898	4517687	5.86E-07	1.11E-07	1.77E-03	1.93E-01	4.55E-04
351	400973	4517687	1.24E-06	2.36E-07	3.02E-03	3.29E-01	9.62E-04
352	401048	4517687	4.20E-07	7.98E-08	8.90E-04	9.70E-02	3.26E-04
353	401123	4517687	4.87E-07	9.25E-08	1.13E-03	1.23E-01	3.78E-04
354	401198	4517687	2.27E-07	4.31E-08	5.13E-04	5.59E-02	1.76E-04
355	401273	4517687	1.47E-07	2.79E-08	3.69E-04	4.02E-02	1.14E-04
356	401348	4517687	1.08E-07	2.05E-08	2.82E-04	3.07E-02	8.39E-05
357	401423	4517687	8.48E-08	1.61E-08	2.27E-04	2.47E-02	6.58E-05
358	401498	4517687	7.07E-08	1.34E-08	2.17E-04	2.37E-02	5.49E-05
359	401573	4517687	5.89E-08	1.12E-08	1.81E-04	1.97E-02	4.57E-05
360	401648	4517687	5.17E-08	9.83E-09	1.58E-04	1.72E-02	4.02E-05
361	401723	4517687	4.40E-08	8.36E-09	1.42E-04	1.54E-02	3.42E-05
362	401798	4517687	3.88E-08	7.37E-09	1.10E-04	1.19E-02	3.01E-05
363	401873	4517687	3.34E-08	6.35E-09	9.33E-05	1.02E-02	2.59E-05
364	399473	4517612	5.05E-09	9.60E-10	5.68E-05	6.18E-03	3.92E-06
365	399548	4517612	5.71E-09	1.09E-09	6.29E-05	6.85E-03	4.44E-06
366	399623	4517612	6.54E-09	1.24E-09	7.06E-05	7.69E-03	5.08E-06
367	399698	4517612	7.59E-09	1.44E-09	8.07E-05	8.79E-03	5.89E-06
368	399773	4517612	8.94E-09	1.70E-09	9.19E-05	1.00E-02	6.94E-06
369	399848	4517612	1.08E-08	2.04E-09	1.04E-04	1.14E-02	8.35E-06
370	399923	4517612	1.32E-08	2.52E-09	1.20E-04	1.31E-02	1.03E-05
371	399998	4517612	1.68E-08	3.18E-09	1.50E-04	1.63E-02	1.30E-05
372	400073	4517612	2.18E-08	4.14E-09	1.86E-04	2.03E-02	1.69E-05
373	400148	4517612	2.91E-08	5.53E-09	2.17E-04	2.37E-02	2.26E-05
374	400223	4517612	3.99E-08	7.59E-09	2.79E-04	3.04E-02	3.10E-05
375	400298	4517612	5.70E-08	1.08E-08	3.70E-04	4.03E-02	4.43E-05
376	400373	4517612	8.30E-08	1.58E-08	4.40E-04	4.79E-02	6.44E-05
377	400448	4517612	1.22E-07	2.32E-08	5.59E-04	6.09E-02	9.46E-05
378	400523	4517612	1.79E-07	3.40E-08	8.49E-04	9.25E-02	1.39E-04
379	400598	4517612	2.81E-07	5.34E-08	1.04E-03	1.13E-01	2.18E-04
380	400673	4517612	4.95E-07	9.40E-08	1.51E-03	1.64E-01	3.84E-04
381	400748	4517612	8.17E-07	1.55E-07	2.01E-03	2.19E-01	6.34E-04
382	400823	4517612	6.64E-07	1.26E-07	2.11E-03	2.30E-01	5.15E-04
383	400898	4517612	1.15E-06	2.19E-07	2.99E-03	3.26E-01	8.93E-04
384	400973	4517612	3.09E-06	5.87E-07	5.58E-03	6.08E-01	2.40E-03

Receptor	UTM East (m)	UTM North (m)	Cancer Risk 70 Year	Cancer Risk 9 Years (Child)	Acute Hazard Index		Chronic Hazard Index
					Cardiovascular	Respiratory	Respiratory
385	401048	4517612	1.80E-06	3.41E-07	3.31E-03	3.61E-01	1.39E-03
386	401123	4517612	1.10E-06	2.08E-07	1.44E-03	1.57E-01	8.50E-04
387	401198	4517612	3.25E-07	6.17E-08	6.46E-04	7.04E-02	2.52E-04
388	401273	4517612	1.81E-07	3.44E-08	3.83E-04	4.18E-02	1.41E-04
389	401348	4517612	1.26E-07	2.39E-08	2.91E-04	3.17E-02	9.77E-05
390	401423	4517612	9.61E-08	1.83E-08	2.35E-04	2.57E-02	7.46E-05
391	401498	4517612	7.40E-08	1.41E-08	2.04E-04	2.22E-02	5.75E-05
392	401573	4517612	6.25E-08	1.19E-08	1.74E-04	1.89E-02	4.85E-05
393	401648	4517612	5.29E-08	1.00E-08	1.49E-04	1.62E-02	4.10E-05
394	401723	4517612	4.46E-08	8.49E-09	1.16E-04	1.26E-02	3.47E-05
395	401798	4517612	4.01E-08	7.63E-09	9.61E-05	1.05E-02	3.12E-05
396	401873	4517612	3.51E-08	6.67E-09	8.48E-05	9.23E-03	2.73E-05
397	399473	4517537	5.12E-09	9.72E-10	6.78E-05	7.38E-03	3.97E-06
398	399548	4517537	5.73E-09	1.09E-09	7.52E-05	8.20E-03	4.45E-06
399	399623	4517537	6.49E-09	1.23E-09	8.43E-05	9.18E-03	5.04E-06
400	399698	4517537	7.43E-09	1.41E-09	9.55E-05	1.04E-02	5.77E-06
401	399773	4517537	8.63E-09	1.64E-09	1.09E-04	1.19E-02	6.70E-06
402	399848	4517537	1.02E-08	1.94E-09	1.26E-04	1.37E-02	7.91E-06
403	399923	4517537	1.23E-08	2.33E-09	1.45E-04	1.58E-02	9.52E-06
404	399998	4517537	1.51E-08	2.87E-09	1.69E-04	1.84E-02	1.17E-05
405	400073	4517537	1.92E-08	3.66E-09	1.96E-04	2.13E-02	1.49E-05
406	400148	4517537	2.55E-08	4.84E-09	2.53E-04	2.76E-02	1.98E-05
407	400223	4517537	3.53E-08	6.70E-09	3.30E-04	3.60E-02	2.74E-05
408	400298	4517537	5.08E-08	9.65E-09	3.82E-04	4.16E-02	3.94E-05
409	400373	4517537	7.77E-08	1.48E-08	5.26E-04	5.73E-02	6.03E-05
410	400448	4517537	1.24E-07	2.37E-08	7.00E-04	7.63E-02	9.66E-05
411	400523	4517537	2.04E-07	3.87E-08	8.87E-04	9.66E-02	1.58E-04
412	400598	4517537	3.07E-07	5.84E-08	1.35E-03	1.47E-01	2.39E-04
413	400673	4517537	5.99E-07	1.14E-07	2.56E-03	2.79E-01	4.65E-04
414	400748	4517537	1.22E-06	2.32E-07	3.10E-03	3.37E-01	9.47E-04
415	400823	4517537	7.60E-07	1.45E-07	2.30E-03	2.51E-01	5.90E-04
416	400898	4517537	2.55E-06	4.84E-07	2.40E-03	2.61E-01	1.98E-03
417	400973	4517537	1.00E-06	1.91E-07	2.19E-03	2.39E-01	7.79E-04
418	401048	4517537	1.11E-06	2.12E-07	1.66E-03	1.81E-01	8.65E-04
419	401123	4517537	8.76E-07	1.67E-07	1.07E-03	1.17E-01	6.80E-04
420	401198	4517537	4.56E-07	8.67E-08	6.07E-04	6.61E-02	3.54E-04
421	401273	4517537	2.47E-07	4.70E-08	4.85E-04	5.28E-02	1.92E-04
422	401348	4517537	1.59E-07	3.01E-08	3.41E-04	3.72E-02	1.23E-04
423	401423	4517537	1.14E-07	2.17E-08	2.49E-04	2.71E-02	8.88E-05
424	401498	4517537	8.51E-08	1.62E-08	2.06E-04	2.25E-02	6.61E-05
425	401573	4517537	6.99E-08	1.33E-08	1.72E-04	1.88E-02	5.43E-05
426	401648	4517537	5.97E-08	1.13E-08	1.39E-04	1.51E-02	4.63E-05
427	401723	4517537	5.01E-08	9.53E-09	1.19E-04	1.30E-02	3.89E-05
428	401798	4517537	4.28E-08	8.14E-09	9.11E-05	9.92E-03	3.32E-05
429	401873	4517537	3.73E-08	7.08E-09	8.01E-05	8.73E-03	2.89E-05
430	399473	4517462	5.49E-09	1.04E-09	8.98E-05	9.78E-03	4.26E-06
431	399548	4517462	6.12E-09	1.16E-09	9.87E-05	1.07E-02	4.75E-06
432	399623	4517462	6.88E-09	1.31E-09	1.09E-04	1.19E-02	5.34E-06

Receptor	UTM East (m)	UTM North (m)	Cancer Risk 70 Year	Cancer Risk 9 Years (Child)	Acute Hazard Index		Chronic Hazard Index
					Cardiovascular	Respiratory	Respiratory
433	399698	4517462	7.80E-09	1.48E-09	1.21E-04	1.32E-02	6.06E-06
434	399773	4517462	8.94E-09	1.70E-09	1.35E-04	1.47E-02	6.94E-06
435	399848	4517462	1.04E-08	1.97E-09	1.51E-04	1.64E-02	8.07E-06
436	399923	4517462	1.23E-08	2.33E-09	1.72E-04	1.88E-02	9.53E-06
437	399998	4517462	1.48E-08	2.81E-09	2.00E-04	2.18E-02	1.15E-05
438	400073	4517462	1.83E-08	3.48E-09	2.37E-04	2.58E-02	1.42E-05
439	400148	4517462	2.33E-08	4.44E-09	2.82E-04	3.07E-02	1.81E-05
440	400223	4517462	3.10E-08	5.90E-09	3.33E-04	3.63E-02	2.41E-05
441	400298	4517462	4.41E-08	8.39E-09	4.25E-04	4.63E-02	3.43E-05
442	400373	4517462	6.93E-08	1.32E-08	5.82E-04	6.34E-02	5.38E-05
443	400448	4517462	1.19E-07	2.27E-08	7.83E-04	8.53E-02	9.26E-05
444	400523	4517462	2.16E-07	4.11E-08	1.10E-03	1.19E-01	1.68E-04
445	400598	4517462	5.20E-07	9.89E-08	1.78E-03	1.94E-01	4.04E-04
446	400673	4517462	7.12E-07	1.35E-07	3.28E-03	3.57E-01	5.52E-04
447	400748	4517462	5.37E-07	1.02E-07	2.35E-03	2.56E-01	4.17E-04
448	400823	4517462	1.49E-06	2.84E-07	2.10E-03	2.28E-01	1.16E-03
449	400898	4517462	2.51E-06	4.78E-07	2.12E-03	2.31E-01	1.95E-03
450	400973	4517462	1.15E-06	2.18E-07	1.61E-03	1.75E-01	8.89E-04
451	401048	4517462	7.45E-07	1.42E-07	1.15E-03	1.26E-01	5.78E-04
452	401123	4517462	6.17E-07	1.17E-07	8.50E-04	9.26E-02	4.79E-04
453	401198	4517462	4.58E-07	8.70E-08	6.27E-04	6.83E-02	3.55E-04
454	401273	4517462	2.93E-07	5.57E-08	4.31E-04	4.69E-02	2.27E-04
455	401348	4517462	1.94E-07	3.69E-08	3.43E-04	3.73E-02	1.51E-04
456	401423	4517462	1.38E-07	2.62E-08	2.62E-04	2.85E-02	1.07E-04
457	401498	4517462	1.01E-07	1.92E-08	2.27E-04	2.47E-02	7.83E-05
458	401573	4517462	7.89E-08	1.50E-08	1.77E-04	1.93E-02	6.13E-05
459	401648	4517462	6.39E-08	1.22E-08	1.43E-04	1.55E-02	4.96E-05
460	401723	4517462	5.19E-08	9.87E-09	1.17E-04	1.28E-02	4.03E-05
461	401798	4517462	4.45E-08	8.45E-09	9.78E-05	1.07E-02	3.45E-05
462	401873	4517462	3.84E-08	7.29E-09	8.58E-05	9.35E-03	2.98E-05
463	399473	4517387	5.95E-09	1.13E-09	1.08E-04	1.18E-02	4.62E-06
464	399548	4517387	6.60E-09	1.25E-09	1.18E-04	1.28E-02	5.12E-06
465	399623	4517387	7.37E-09	1.40E-09	1.29E-04	1.40E-02	5.72E-06
466	399698	4517387	8.29E-09	1.58E-09	1.42E-04	1.55E-02	6.44E-06
467	399773	4517387	9.39E-09	1.79E-09	1.57E-04	1.71E-02	7.29E-06
468	399848	4517387	1.07E-08	2.04E-09	1.73E-04	1.88E-02	8.35E-06
469	399923	4517387	1.24E-08	2.37E-09	1.93E-04	2.10E-02	9.66E-06
470	399998	4517387	1.46E-08	2.78E-09	2.16E-04	2.36E-02	1.14E-05
471	400073	4517387	1.75E-08	3.33E-09	2.44E-04	2.66E-02	1.36E-05
472	400148	4517387	2.16E-08	4.11E-09	2.78E-04	3.03E-02	1.68E-05
473	400223	4517387	2.78E-08	5.28E-09	3.20E-04	3.48E-02	2.16E-05
474	400298	4517387	3.77E-08	7.17E-09	3.92E-04	4.27E-02	2.93E-05
475	400373	4517387	5.53E-08	1.05E-08	5.22E-04	5.68E-02	4.29E-05
476	400448	4517387	9.50E-08	1.81E-08	7.05E-04	7.67E-02	7.37E-05
477	400523	4517387	2.48E-07	4.72E-08	1.15E-03	1.25E-01	1.93E-04
478	400598	4517387	5.18E-07	9.84E-08	1.52E-03	1.66E-01	4.02E-04
479	400673	4517387	4.37E-07	8.30E-08	1.92E-03	2.09E-01	3.39E-04
480	400748	4517387	1.16E-06	2.20E-07	3.49E-03	3.80E-01	8.99E-04

Receptor	UTM East (m)	UTM North (m)	Cancer Risk 70 Year	Cancer Risk 9 Years (Child)	Acute Hazard Index		Chronic Hazard Index
					Cardiovascular	Respiratory	Respiratory
481	400823	4517387	3.30E-06	6.26E-07	3.21E-03	3.50E-01	2.56E-03
482	400898	4517387	2.25E-06	4.29E-07	2.07E-03	2.25E-01	1.75E-03
483	400973	4517387	1.24E-06	2.36E-07	1.35E-03	1.47E-01	9.64E-04
484	401048	4517387	7.47E-07	1.42E-07	1.03E-03	1.12E-01	5.80E-04
485	401123	4517387	5.48E-07	1.04E-07	7.38E-04	8.04E-02	4.25E-04
486	401198	4517387	4.27E-07	8.11E-08	5.61E-04	6.11E-02	3.31E-04
487	401273	4517387	3.13E-07	5.95E-08	4.17E-04	4.55E-02	2.43E-04
488	401348	4517387	2.19E-07	4.16E-08	3.61E-04	3.93E-02	1.70E-04
489	401423	4517387	1.53E-07	2.91E-08	2.83E-04	3.09E-02	1.19E-04
490	401498	4517387	1.15E-07	2.18E-08	2.14E-04	2.33E-02	8.90E-05
491	401573	4517387	9.06E-08	1.72E-08	1.71E-04	1.86E-02	7.03E-05
492	401648	4517387	7.04E-08	1.34E-08	1.47E-04	1.60E-02	5.46E-05
493	401723	4517387	5.94E-08	1.13E-08	1.17E-04	1.27E-02	4.61E-05
494	401798	4517387	4.99E-08	9.49E-09	9.79E-05	1.07E-02	3.88E-05
495	401873	4517387	4.22E-08	8.01E-09	8.19E-05	8.92E-03	3.27E-05
496	399473	4517312	6.17E-09	1.17E-09	1.15E-04	1.26E-02	4.79E-06
497	399548	4517312	6.79E-09	1.29E-09	1.25E-04	1.36E-02	5.27E-06
498	399623	4517312	7.51E-09	1.43E-09	1.34E-04	1.46E-02	5.83E-06
499	399698	4517312	8.35E-09	1.59E-09	1.44E-04	1.57E-02	6.48E-06
500	399773	4517312	9.34E-09	1.78E-09	1.55E-04	1.69E-02	7.25E-06
501	399848	4517312	1.05E-08	2.00E-09	1.66E-04	1.81E-02	8.18E-06
502	399923	4517312	1.20E-08	2.28E-09	1.78E-04	1.94E-02	9.32E-06
503	399998	4517312	1.38E-08	2.63E-09	1.91E-04	2.08E-02	1.07E-05
504	400073	4517312	1.62E-08	3.08E-09	2.09E-04	2.27E-02	1.26E-05
505	400148	4517312	1.94E-08	3.68E-09	2.35E-04	2.56E-02	1.50E-05
506	400223	4517312	2.39E-08	4.54E-09	2.66E-04	2.90E-02	1.85E-05
507	400298	4517312	3.09E-08	5.87E-09	3.15E-04	3.43E-02	2.40E-05
508	400373	4517312	4.29E-08	8.15E-09	4.02E-04	4.38E-02	3.33E-05
509	400448	4517312	6.67E-08	1.27E-08	6.31E-04	6.87E-02	5.18E-05
510	400523	4517312	1.26E-07	2.40E-08	1.12E-03	1.22E-01	9.82E-05
511	400598	4517312	1.88E-07	3.57E-08	1.35E-03	1.47E-01	1.46E-04
512	400673	4517312	1.31E-06	2.49E-07	3.09E-03	3.36E-01	1.02E-03
513	400748	4517312	1.49E-06	2.83E-07	4.50E-03	4.90E-01	1.16E-03
514	400823	4517312	3.46E-06	6.58E-07	5.25E-03	5.71E-01	2.69E-03
515	400898	4517312	1.95E-06	3.70E-07	1.97E-03	2.14E-01	1.51E-03
516	400973	4517312	1.20E-06	2.28E-07	1.22E-03	1.33E-01	9.32E-04
517	401048	4517312	7.83E-07	1.49E-07	9.40E-04	1.02E-01	6.08E-04
518	401123	4517312	5.46E-07	1.04E-07	6.69E-04	7.28E-02	4.24E-04
519	401198	4517312	4.13E-07	7.84E-08	5.65E-04	6.15E-02	3.20E-04
520	401273	4517312	3.22E-07	6.12E-08	4.79E-04	5.22E-02	2.50E-04
521	401348	4517312	2.40E-07	4.56E-08	3.56E-04	3.88E-02	1.86E-04
522	401423	4517312	1.75E-07	3.33E-08	2.84E-04	3.09E-02	1.36E-04
523	401498	4517312	1.33E-07	2.54E-08	2.48E-04	2.70E-02	1.04E-04
524	401573	4517312	1.02E-07	1.93E-08	2.12E-04	2.31E-02	7.90E-05
525	401648	4517312	7.90E-08	1.50E-08	1.60E-04	1.74E-02	6.13E-05
526	401723	4517312	6.46E-08	1.23E-08	1.27E-04	1.38E-02	5.02E-05
527	401798	4517312	5.29E-08	1.00E-08	1.08E-04	1.18E-02	4.11E-05
528	401873	4517312	4.51E-08	8.57E-09	9.14E-05	9.95E-03	3.50E-05

Receptor	UTM East (m)	UTM North (m)	Cancer Risk 70 Year	Cancer Risk 9 Years (Child)	Acute Hazard Index		Chronic Hazard Index
					Cardiovascular	Respiratory	Respiratory
529	399473	4517237	5.95E-09	1.13E-09	1.10E-04	1.20E-02	4.62E-06
530	399548	4517237	6.46E-09	1.23E-09	1.16E-04	1.26E-02	5.02E-06
531	399623	4517237	7.05E-09	1.34E-09	1.21E-04	1.32E-02	5.47E-06
532	399698	4517237	7.73E-09	1.47E-09	1.28E-04	1.39E-02	6.00E-06
533	399773	4517237	8.54E-09	1.62E-09	1.34E-04	1.46E-02	6.63E-06
534	399848	4517237	9.52E-09	1.81E-09	1.42E-04	1.55E-02	7.39E-06
535	399923	4517237	1.07E-08	2.04E-09	1.55E-04	1.68E-02	8.32E-06
536	399998	4517237	1.22E-08	2.33E-09	1.68E-04	1.83E-02	9.51E-06
537	400073	4517237	1.43E-08	2.71E-09	1.86E-04	2.02E-02	1.11E-05
538	400148	4517237	1.69E-08	3.22E-09	2.09E-04	2.28E-02	1.32E-05
539	400223	4517237	2.07E-08	3.93E-09	2.45E-04	2.67E-02	1.61E-05
540	400298	4517237	2.60E-08	4.94E-09	3.12E-04	3.40E-02	2.02E-05
541	400373	4517237	3.37E-08	6.41E-09	3.61E-04	3.93E-02	2.62E-05
542	400448	4517237	4.74E-08	9.01E-09	5.01E-04	5.45E-02	3.68E-05
543	400523	4517237	8.65E-08	1.64E-08	7.80E-04	8.49E-02	6.71E-05
544	400598	4517237	3.90E-07	7.42E-08	1.70E-03	1.85E-01	3.03E-04
545	400673	4517237	1.45E-06	2.76E-07	2.21E-03	2.40E-01	1.13E-03
546	400748	4517237	1.09E-06	2.06E-07	2.71E-03	2.95E-01	8.43E-04
547	400823	4517237	3.18E-06	6.05E-07	2.95E-03	3.21E-01	2.47E-03
548	400898	4517237	1.89E-06	3.59E-07	1.70E-03	1.85E-01	1.47E-03
549	400973	4517237	1.13E-06	2.15E-07	1.11E-03	1.21E-01	8.79E-04
550	401048	4517237	7.75E-07	1.47E-07	7.90E-04	8.60E-02	6.02E-04
551	401123	4517237	5.48E-07	1.04E-07	6.64E-04	7.23E-02	4.26E-04
552	401198	4517237	4.11E-07	7.82E-08	5.23E-04	5.70E-02	3.19E-04
553	401273	4517237	3.19E-07	6.07E-08	4.33E-04	4.71E-02	2.48E-04
554	401348	4517237	2.49E-07	4.73E-08	3.76E-04	4.09E-02	1.93E-04
555	401423	4517237	1.90E-07	3.60E-08	2.96E-04	3.22E-02	1.47E-04
556	401498	4517237	1.46E-07	2.78E-08	2.34E-04	2.55E-02	1.13E-04
557	401573	4517237	1.11E-07	2.11E-08	1.85E-04	2.01E-02	8.62E-05
558	401648	4517237	8.90E-08	1.69E-08	1.52E-04	1.65E-02	6.91E-05
559	401723	4517237	7.31E-08	1.39E-08	1.29E-04	1.41E-02	5.67E-05
560	401798	4517237	5.96E-08	1.13E-08	1.14E-04	1.24E-02	4.63E-05
561	401873	4517237	5.07E-08	9.63E-09	1.01E-04	1.10E-02	3.94E-05
562	399473	4517162	5.30E-09	1.01E-09	9.14E-05	9.96E-03	4.12E-06
563	399548	4517162	5.67E-09	1.08E-09	9.33E-05	1.02E-02	4.40E-06
564	399623	4517162	6.10E-09	1.16E-09	9.55E-05	1.04E-02	4.73E-06
565	399698	4517162	6.59E-09	1.25E-09	9.85E-05	1.07E-02	5.12E-06
566	399773	4517162	7.18E-09	1.36E-09	1.01E-04	1.10E-02	5.57E-06
567	399848	4517162	7.88E-09	1.50E-09	1.04E-04	1.13E-02	6.12E-06
568	399923	4517162	8.75E-09	1.66E-09	1.12E-04	1.21E-02	6.80E-06
569	399998	4517162	9.84E-09	1.87E-09	1.25E-04	1.36E-02	7.64E-06
570	400073	4517162	1.12E-08	2.13E-09	1.39E-04	1.51E-02	8.71E-06
571	400148	4517162	1.30E-08	2.48E-09	1.54E-04	1.68E-02	1.01E-05
572	400223	4517162	1.55E-08	2.95E-09	1.84E-04	2.00E-02	1.20E-05
573	400298	4517162	1.92E-08	3.66E-09	2.35E-04	2.56E-02	1.49E-05
574	400373	4517162	2.55E-08	4.84E-09	3.01E-04	3.27E-02	1.98E-05
575	400448	4517162	3.94E-08	7.49E-09	4.18E-04	4.55E-02	3.06E-05
576	400523	4517162	8.99E-08	1.71E-08	9.64E-04	1.05E-01	6.98E-05

Receptor	UTM East (m)	UTM North (m)	Cancer Risk 70 Year	Cancer Risk 9 Years (Child)	Acute Hazard Index		Chronic Hazard Index
					Cardiovascular	Respiratory	Respiratory
577	400598	4517162	2.19E-07	4.17E-08	1.50E-03	1.64E-01	1.70E-04
578	400673	4517162	6.74E-07	1.28E-07	1.92E-03	2.09E-01	5.23E-04
579	400748	4517162	2.16E-06	4.11E-07	4.31E-03	4.69E-01	1.68E-03
580	400823	4517162	1.94E-06	3.70E-07	3.14E-03	3.43E-01	1.51E-03
581	400898	4517162	1.57E-06	2.99E-07	1.54E-03	1.68E-01	1.22E-03
582	400973	4517162	1.07E-06	2.03E-07	9.88E-04	1.08E-01	8.29E-04
583	401048	4517162	7.47E-07	1.42E-07	7.67E-04	8.36E-02	5.80E-04
584	401123	4517162	5.41E-07	1.03E-07	5.48E-04	5.97E-02	4.20E-04
585	401198	4517162	3.97E-07	7.55E-08	4.96E-04	5.40E-02	3.08E-04
586	401273	4517162	3.16E-07	6.00E-08	4.18E-04	4.56E-02	2.45E-04
587	401348	4517162	2.54E-07	4.83E-08	3.43E-04	3.73E-02	1.97E-04
588	401423	4517162	1.95E-07	3.70E-08	3.01E-04	3.28E-02	1.51E-04
589	401498	4517162	1.56E-07	2.96E-08	2.21E-04	2.40E-02	1.21E-04
590	401573	4517162	1.21E-07	2.29E-08	1.83E-04	1.99E-02	9.37E-05
591	401648	4517162	9.63E-08	1.83E-08	1.54E-04	1.68E-02	7.47E-05
592	401723	4517162	7.81E-08	1.49E-08	1.33E-04	1.45E-02	6.07E-05
593	401798	4517162	6.52E-08	1.24E-08	1.17E-04	1.28E-02	5.06E-05
594	401873	4517162	5.62E-08	1.07E-08	1.02E-04	1.12E-02	4.36E-05
595	399473	4517087	4.44E-09	8.43E-10	6.93E-05	7.55E-03	3.45E-06
596	399548	4517087	4.69E-09	8.92E-10	7.02E-05	7.65E-03	3.64E-06
597	399623	4517087	4.99E-09	9.48E-10	7.13E-05	7.77E-03	3.87E-06
598	399698	4517087	5.33E-09	1.01E-09	7.29E-05	7.94E-03	4.14E-06
599	399773	4517087	5.75E-09	1.09E-09	7.80E-05	8.49E-03	4.47E-06
600	399848	4517087	6.27E-09	1.19E-09	8.38E-05	9.13E-03	4.87E-06
601	399923	4517087	6.91E-09	1.31E-09	8.85E-05	9.64E-03	5.37E-06
602	399998	4517087	7.73E-09	1.47E-09	9.85E-05	1.07E-02	6.00E-06
603	400073	4517087	8.79E-09	1.67E-09	1.16E-04	1.27E-02	6.82E-06
604	400148	4517087	1.02E-08	1.94E-09	1.44E-04	1.57E-02	7.93E-06
605	400223	4517087	1.22E-08	2.33E-09	1.82E-04	1.99E-02	9.51E-06
606	400298	4517087	1.55E-08	2.94E-09	2.28E-04	2.48E-02	1.20E-05
607	400373	4517087	2.19E-08	4.17E-09	2.99E-04	3.25E-02	1.70E-05
608	400448	4517087	4.00E-08	7.61E-09	5.83E-04	6.35E-02	3.11E-05
609	400523	4517087	7.35E-08	1.40E-08	8.61E-04	9.38E-02	5.71E-05
610	400598	4517087	1.42E-07	2.70E-08	1.10E-03	1.20E-01	1.10E-04
611	400673	4517087	3.28E-07	6.23E-08	1.82E-03	1.98E-01	2.55E-04
612	400748	4517087	4.48E-07	8.52E-08	6.27E-03	6.83E-01	3.48E-04
613	400823	4517087	4.41E-06	8.38E-07	3.35E-03	3.65E-01	3.42E-03
614	400898	4517087	1.33E-06	2.52E-07	1.35E-03	1.47E-01	1.03E-03
615	400973	4517087	8.93E-07	1.70E-07	8.72E-04	9.50E-02	6.94E-04
616	401048	4517087	6.77E-07	1.29E-07	6.49E-04	7.07E-02	5.26E-04
617	401123	4517087	5.16E-07	9.82E-08	5.42E-04	5.91E-02	4.01E-04
618	401198	4517087	4.08E-07	7.75E-08	4.40E-04	4.79E-02	3.17E-04
619	401273	4517087	3.22E-07	6.12E-08	3.61E-04	3.94E-02	2.50E-04
620	401348	4517087	2.47E-07	4.70E-08	3.33E-04	3.63E-02	1.92E-04
621	401423	4517087	1.97E-07	3.75E-08	2.47E-04	2.69E-02	1.53E-04
622	401498	4517087	1.61E-07	3.07E-08	2.12E-04	2.31E-02	1.25E-04
623	401573	4517087	1.30E-07	2.46E-08	1.87E-04	2.03E-02	1.01E-04
624	401648	4517087	1.05E-07	2.00E-08	1.61E-04	1.76E-02	8.17E-05

Receptor	UTM East (m)	UTM North (m)	Cancer Risk 70 Year	Cancer Risk 9 Years (Child)	Acute Hazard Index		Chronic Hazard Index
					Cardiovascular	Respiratory	Respiratory
625	401723	4517087	8.48E-08	1.61E-08	1.34E-04	1.46E-02	6.58E-05
626	401798	4517087	7.10E-08	1.35E-08	1.18E-04	1.28E-02	5.52E-05
627	401873	4517087	5.93E-08	1.13E-08	1.03E-04	1.13E-02	4.61E-05
628	399473	4517012	3.65E-09	6.95E-10	5.23E-05	5.70E-03	2.84E-06
629	399548	4517012	3.85E-09	7.33E-10	5.38E-05	5.86E-03	2.99E-06
630	399623	4517012	4.10E-09	7.79E-10	5.63E-05	6.13E-03	3.18E-06
631	399698	4517012	4.39E-09	8.35E-10	5.90E-05	6.43E-03	3.41E-06
632	399773	4517012	4.76E-09	9.05E-10	6.41E-05	6.98E-03	3.70E-06
633	399848	4517012	5.22E-09	9.92E-10	7.13E-05	7.76E-03	4.05E-06
634	399923	4517012	5.79E-09	1.10E-09	8.41E-05	9.16E-03	4.49E-06
635	399998	4517012	6.51E-09	1.24E-09	1.02E-04	1.11E-02	5.06E-06
636	400073	4517012	7.46E-09	1.42E-09	1.28E-04	1.39E-02	5.79E-06
637	400148	4517012	8.77E-09	1.67E-09	1.60E-04	1.74E-02	6.81E-06
638	400223	4517012	1.08E-08	2.05E-09	1.91E-04	2.09E-02	8.37E-06
639	400298	4517012	1.44E-08	2.73E-09	2.43E-04	2.64E-02	1.12E-05
640	400373	4517012	2.28E-08	4.33E-09	3.84E-04	4.19E-02	1.77E-05
641	400448	4517012	4.01E-08	7.62E-09	5.60E-04	6.10E-02	3.11E-05
642	400523	4517012	6.11E-08	1.16E-08	6.76E-04	7.36E-02	4.75E-05
643	400598	4517012	1.08E-07	2.06E-08	1.03E-03	1.12E-01	8.42E-05
644	400673	4517012	1.67E-07	3.17E-08	1.07E-03	1.17E-01	1.29E-04
645	400748	4517012	3.33E-07	6.32E-08	1.77E-03	1.93E-01	2.58E-04
646	400823	4517012	1.51E-06	2.88E-07	1.40E-03	1.52E-01	1.18E-03
647	400898	4517012	1.17E-06	2.23E-07	9.87E-04	1.07E-01	9.12E-04
648	400973	4517012	7.56E-07	1.44E-07	6.80E-04	7.41E-02	5.87E-04
649	401048	4517012	5.89E-07	1.12E-07	5.50E-04	5.99E-02	4.57E-04
650	401123	4517012	4.89E-07	9.29E-08	4.78E-04	5.21E-02	3.80E-04
651	401198	4517012	3.97E-07	7.54E-08	4.15E-04	4.52E-02	3.08E-04
652	401273	4517012	3.13E-07	5.94E-08	3.46E-04	3.77E-02	2.43E-04
653	401348	4517012	2.58E-07	4.90E-08	2.71E-04	2.95E-02	2.00E-04
654	401423	4517012	1.98E-07	3.76E-08	2.35E-04	2.56E-02	1.54E-04
655	401498	4517012	1.68E-07	3.19E-08	2.05E-04	2.23E-02	1.30E-04
656	401573	4517012	1.37E-07	2.61E-08	1.79E-04	1.95E-02	1.07E-04
657	401648	4517012	1.15E-07	2.18E-08	1.57E-04	1.71E-02	8.92E-05
658	401723	4517012	9.31E-08	1.77E-08	1.36E-04	1.49E-02	7.23E-05
659	401798	4517012	7.80E-08	1.48E-08	1.23E-04	1.34E-02	6.06E-05
660	401873	4517012	6.72E-08	1.28E-08	1.06E-04	1.16E-02	5.22E-05
661	399473	4516937	3.12E-09	5.93E-10	4.48E-05	4.88E-03	2.42E-06
662	399548	4516937	3.32E-09	6.30E-10	4.78E-05	5.20E-03	2.57E-06
663	399623	4516937	3.56E-09	6.76E-10	5.20E-05	5.66E-03	2.76E-06
664	399698	4516937	3.85E-09	7.32E-10	5.70E-05	6.21E-03	2.99E-06
665	399773	4516937	4.21E-09	8.00E-10	6.65E-05	7.24E-03	3.27E-06
666	399848	4516937	4.65E-09	8.85E-10	7.87E-05	8.57E-03	3.61E-06
667	399923	4516937	5.21E-09	9.90E-10	9.72E-05	1.06E-02	4.04E-06
668	399998	4516937	5.93E-09	1.13E-09	1.20E-04	1.30E-02	4.60E-06
669	400073	4516937	6.92E-09	1.31E-09	1.42E-04	1.55E-02	5.37E-06
670	400148	4516937	8.36E-09	1.59E-09	1.64E-04	1.79E-02	6.49E-06
671	400223	4516937	1.07E-08	2.04E-09	2.00E-04	2.18E-02	8.33E-06
672	400298	4516937	1.56E-08	2.96E-09	2.80E-04	3.05E-02	1.21E-05

Receptor	UTM East (m)	UTM North (m)	Cancer Risk 70 Year	Cancer Risk 9 Years (Child)	Acute Hazard Index		Chronic Hazard Index
					Cardiovascular	Respiratory	Respiratory
673	400373	4516937	2.55E-08	4.85E-09	4.38E-04	4.77E-02	1.98E-05
674	400448	4516937	3.89E-08	7.39E-09	5.88E-04	6.40E-02	3.02E-05
675	400523	4516937	5.13E-08	9.76E-09	6.42E-04	6.99E-02	3.99E-05
676	400598	4516937	7.06E-08	1.34E-08	6.33E-04	6.89E-02	5.48E-05
677	400673	4516937	1.04E-07	1.98E-08	6.30E-04	6.87E-02	8.09E-05
678	400748	4516937	1.86E-07	3.53E-08	8.39E-04	9.13E-02	1.44E-04
679	400823	4516937	4.29E-07	8.15E-08	7.66E-04	8.35E-02	3.33E-04
680	400898	4516937	6.77E-07	1.29E-07	6.68E-04	7.28E-02	5.26E-04
681	400973	4516937	6.02E-07	1.15E-07	5.59E-04	6.09E-02	4.68E-04
682	401048	4516937	5.15E-07	9.78E-08	4.54E-04	4.95E-02	4.00E-04
683	401123	4516937	4.31E-07	8.19E-08	4.14E-04	4.51E-02	3.35E-04
684	401198	4516937	3.60E-07	6.84E-08	3.66E-04	3.99E-02	2.79E-04
685	401273	4516937	3.01E-07	5.71E-08	3.31E-04	3.60E-02	2.33E-04
686	401348	4516937	2.49E-07	4.74E-08	2.53E-04	2.76E-02	1.94E-04
687	401423	4516937	2.07E-07	3.93E-08	2.25E-04	2.45E-02	1.60E-04
688	401498	4516937	1.68E-07	3.20E-08	1.98E-04	2.16E-02	1.31E-04
689	401573	4516937	1.40E-07	2.66E-08	1.72E-04	1.87E-02	1.09E-04
690	401648	4516937	1.16E-07	2.21E-08	1.50E-04	1.64E-02	9.01E-05
691	401723	4516937	9.87E-08	1.88E-08	1.36E-04	1.48E-02	7.67E-05
692	401798	4516937	8.28E-08	1.57E-08	1.19E-04	1.29E-02	6.43E-05
693	401873	4516937	6.96E-08	1.32E-08	1.07E-04	1.16E-02	5.40E-05
694	399473	4516862	2.81E-09	5.35E-10	4.38E-05	4.77E-03	2.18E-06
695	399548	4516862	3.02E-09	5.74E-10	4.78E-05	5.21E-03	2.35E-06
696	399623	4516862	3.27E-09	6.22E-10	5.45E-05	5.93E-03	2.54E-06
697	399698	4516862	3.57E-09	6.79E-10	6.32E-05	6.89E-03	2.77E-06
698	399773	4516862	3.94E-09	7.50E-10	7.67E-05	8.35E-03	3.06E-06
699	399848	4516862	4.41E-09	8.37E-10	9.36E-05	1.02E-02	3.42E-06
700	399923	4516862	5.00E-09	9.51E-10	1.12E-04	1.22E-02	3.88E-06
701	399998	4516862	5.80E-09	1.10E-09	1.31E-04	1.42E-02	4.50E-06
702	400073	4516862	6.92E-09	1.31E-09	1.49E-04	1.63E-02	5.37E-06
703	400148	4516862	8.61E-09	1.64E-09	1.80E-04	1.96E-02	6.69E-06
704	400223	4516862	1.17E-08	2.22E-09	2.38E-04	2.60E-02	9.07E-06
705	400298	4516862	1.76E-08	3.34E-09	3.55E-04	3.87E-02	1.37E-05
706	400373	4516862	2.61E-08	4.96E-09	4.55E-04	4.95E-02	2.03E-05
707	400448	4516862	3.31E-08	6.29E-09	4.86E-04	5.29E-02	2.57E-05
708	400523	4516862	3.83E-08	7.29E-09	4.46E-04	4.86E-02	2.98E-05
709	400598	4516862	5.19E-08	9.86E-09	4.16E-04	4.53E-02	4.03E-05
710	400673	4516862	7.75E-08	1.47E-08	4.79E-04	5.21E-02	6.02E-05
711	400748	4516862	1.25E-07	2.37E-08	5.55E-04	6.04E-02	9.68E-05
712	400823	4516862	2.16E-07	4.11E-08	5.24E-04	5.71E-02	1.68E-04
713	400898	4516862	3.55E-07	6.75E-08	4.75E-04	5.18E-02	2.76E-04
714	400973	4516862	4.18E-07	7.94E-08	4.40E-04	4.79E-02	3.24E-04
715	401048	4516862	4.01E-07	7.62E-08	3.90E-04	4.25E-02	3.11E-04
716	401123	4516862	3.73E-07	7.09E-08	3.53E-04	3.85E-02	2.89E-04
717	401198	4516862	3.22E-07	6.13E-08	3.24E-04	3.52E-02	2.50E-04
718	401273	4516862	2.74E-07	5.21E-08	2.98E-04	3.24E-02	2.13E-04
719	401348	4516862	2.34E-07	4.45E-08	2.45E-04	2.67E-02	1.82E-04
720	401423	4516862	2.03E-07	3.86E-08	2.31E-04	2.52E-02	1.58E-04

Receptor	UTM East (m)	UTM North (m)	Cancer Risk 70 Year	Cancer Risk 9 Years (Child)	Acute Hazard Index		Chronic Hazard Index
					Cardiovascular	Respiratory	Respiratory
721	401498	4516862	1.67E-07	3.18E-08	1.90E-04	2.07E-02	1.30E-04
722	401573	4516862	1.43E-07	2.72E-08	1.68E-04	1.83E-02	1.11E-04
723	401648	4516862	1.22E-07	2.33E-08	1.49E-04	1.62E-02	9.50E-05
724	401723	4516862	1.00E-07	1.90E-08	1.31E-04	1.43E-02	7.78E-05
725	401798	4516862	8.58E-08	1.63E-08	1.18E-04	1.29E-02	6.66E-05
726	401873	4516862	7.41E-08	1.41E-08	1.09E-04	1.19E-02	5.76E-05
727	399473	4516787	2.66E-09	5.06E-10	4.57E-05	4.98E-03	2.07E-06
728	399548	4516787	2.88E-09	5.48E-10	5.28E-05	5.75E-03	2.24E-06
729	399623	4516787	3.15E-09	5.99E-10	6.33E-05	6.90E-03	2.44E-06
730	399698	4516787	3.47E-09	6.60E-10	7.66E-05	8.35E-03	2.70E-06
731	399773	4516787	3.88E-09	7.37E-10	9.23E-05	1.01E-02	3.01E-06
732	399848	4516787	4.39E-09	8.34E-10	1.09E-04	1.18E-02	3.41E-06
733	399923	4516787	5.05E-09	9.61E-10	1.24E-04	1.35E-02	3.92E-06
734	399998	4516787	5.94E-09	1.13E-09	1.42E-04	1.55E-02	4.61E-06
735	400073	4516787	7.18E-09	1.37E-09	1.72E-04	1.87E-02	5.58E-06
736	400148	4516787	9.20E-09	1.75E-09	2.09E-04	2.28E-02	7.14E-06
737	400223	4516787	1.28E-08	2.43E-09	2.82E-04	3.08E-02	9.92E-06
738	400298	4516787	1.82E-08	3.46E-09	3.55E-04	3.86E-02	1.41E-05
739	400373	4516787	2.35E-08	4.46E-09	3.84E-04	4.18E-02	1.82E-05
740	400448	4516787	2.66E-08	5.05E-09	3.52E-04	3.83E-02	2.06E-05
741	400523	4516787	3.07E-08	5.83E-09	3.15E-04	3.43E-02	2.38E-05
742	400598	4516787	4.22E-08	8.02E-09	3.45E-04	3.76E-02	3.28E-05
743	400673	4516787	6.12E-08	1.16E-08	4.00E-04	4.35E-02	4.75E-05
744	400748	4516787	9.21E-08	1.75E-08	4.20E-04	4.57E-02	7.15E-05
745	400823	4516787	1.39E-07	2.65E-08	3.90E-04	4.24E-02	1.08E-04
746	400898	4516787	2.14E-07	4.06E-08	3.73E-04	4.06E-02	1.66E-04
747	400973	4516787	2.75E-07	5.23E-08	3.54E-04	3.86E-02	2.14E-04
748	401048	4516787	3.12E-07	5.93E-08	3.19E-04	3.48E-02	2.42E-04
749	401123	4516787	3.07E-07	5.84E-08	2.95E-04	3.21E-02	2.38E-04
750	401198	4516787	2.83E-07	5.38E-08	2.88E-04	3.14E-02	2.20E-04
751	401273	4516787	2.51E-07	4.77E-08	2.46E-04	2.68E-02	1.95E-04
752	401348	4516787	2.19E-07	4.16E-08	2.27E-04	2.48E-02	1.70E-04
753	401423	4516787	1.89E-07	3.59E-08	2.13E-04	2.32E-02	1.47E-04
754	401498	4516787	1.67E-07	3.17E-08	2.05E-04	2.24E-02	1.30E-04
755	401573	4516787	1.41E-07	2.68E-08	1.64E-04	1.79E-02	1.09E-04
756	401648	4516787	1.24E-07	2.35E-08	1.52E-04	1.66E-02	9.60E-05
757	401723	4516787	1.04E-07	1.97E-08	1.29E-04	1.41E-02	8.04E-05
758	401798	4516787	8.78E-08	1.67E-08	1.14E-04	1.24E-02	6.82E-05
759	401873	4516787	7.59E-08	1.44E-08	1.06E-04	1.15E-02	5.89E-05
760	399473	4516712	2.61E-09	4.96E-10	5.38E-05	5.86E-03	2.03E-06
761	399548	4516712	2.85E-09	5.42E-10	6.49E-05	7.07E-03	2.22E-06
762	399623	4516712	3.15E-09	5.98E-10	7.79E-05	8.49E-03	2.44E-06
763	399698	4516712	3.51E-09	6.66E-10	9.18E-05	1.00E-02	2.72E-06
764	399773	4516712	3.95E-09	7.51E-10	1.06E-04	1.16E-02	3.07E-06
765	399848	4516712	4.51E-09	8.56E-10	1.21E-04	1.32E-02	3.50E-06
766	399923	4516712	5.20E-09	9.89E-10	1.38E-04	1.50E-02	4.04E-06
767	399998	4516712	6.12E-09	1.16E-09	1.61E-04	1.75E-02	4.75E-06
768	400073	4516712	7.46E-09	1.42E-09	1.84E-04	2.01E-02	5.79E-06

Receptor	UTM East (m)	UTM North (m)	Cancer Risk 70 Year	Cancer Risk 9 Years (Child)	Acute Hazard Index		Chronic Hazard Index
					Cardiovascular	Respiratory	Respiratory
769	400148	4516712	9.70E-09	1.84E-09	2.27E-04	2.48E-02	7.53E-06
770	400223	4516712	1.32E-08	2.51E-09	2.83E-04	3.08E-02	1.02E-05
771	400298	4516712	1.72E-08	3.27E-09	3.07E-04	3.34E-02	1.34E-05
772	400373	4516712	2.02E-08	3.84E-09	2.95E-04	3.22E-02	1.57E-05
773	400448	4516712	2.21E-08	4.20E-09	2.66E-04	2.90E-02	1.72E-05
774	400523	4516712	2.61E-08	4.97E-09	2.59E-04	2.82E-02	2.03E-05
775	400598	4516712	3.56E-08	6.77E-09	2.90E-04	3.16E-02	2.76E-05
776	400673	4516712	5.03E-08	9.56E-09	3.51E-04	3.83E-02	3.90E-05
777	400748	4516712	7.20E-08	1.37E-08	3.45E-04	3.75E-02	5.59E-05
778	400823	4516712	1.01E-07	1.92E-08	3.23E-04	3.52E-02	7.85E-05
779	400898	4516712	1.38E-07	2.61E-08	3.14E-04	3.42E-02	1.07E-04
780	400973	4516712	1.83E-07	3.48E-08	2.86E-04	3.11E-02	1.42E-04
781	401048	4516712	2.28E-07	4.33E-08	2.78E-04	3.02E-02	1.77E-04
782	401123	4516712	2.42E-07	4.60E-08	2.61E-04	2.85E-02	1.88E-04
783	401198	4516712	2.35E-07	4.47E-08	2.45E-04	2.66E-02	1.83E-04
784	401273	4516712	2.20E-07	4.17E-08	2.35E-04	2.56E-02	1.71E-04
785	401348	4516712	2.02E-07	3.84E-08	2.18E-04	2.38E-02	1.57E-04
786	401423	4516712	1.80E-07	3.42E-08	1.99E-04	2.17E-02	1.40E-04
787	401498	4516712	1.56E-07	2.97E-08	1.88E-04	2.05E-02	1.21E-04
788	401573	4516712	1.40E-07	2.66E-08	1.82E-04	1.98E-02	1.09E-04
789	401648	4516712	1.22E-07	2.33E-08	1.71E-04	1.87E-02	9.51E-05
790	401723	4516712	1.06E-07	2.01E-08	1.35E-04	1.47E-02	8.19E-05
791	401798	4516712	9.01E-08	1.71E-08	1.16E-04	1.26E-02	7.00E-05
792	401873	4516712	7.91E-08	1.50E-08	1.01E-04	1.10E-02	6.14E-05
793	399473	4516637	2.64E-09	5.02E-10	6.72E-05	7.33E-03	2.05E-06
794	399548	4516637	2.91E-09	5.53E-10	7.91E-05	8.62E-03	2.26E-06
795	399623	4516637	3.23E-09	6.14E-10	9.24E-05	1.01E-02	2.51E-06
796	399698	4516637	3.61E-09	6.87E-10	1.06E-04	1.15E-02	2.81E-06
797	399773	4516637	4.07E-09	7.74E-10	1.19E-04	1.29E-02	3.16E-06
798	399848	4516637	4.61E-09	8.77E-10	1.32E-04	1.44E-02	3.58E-06
799	399923	4516637	5.28E-09	1.00E-09	1.49E-04	1.62E-02	4.10E-06
800	399998	4516637	6.18E-09	1.17E-09	1.63E-04	1.78E-02	4.80E-06
801	400073	4516637	7.61E-09	1.45E-09	1.87E-04	2.03E-02	5.91E-06
802	400148	4516637	9.91E-09	1.88E-09	2.26E-04	2.46E-02	7.69E-06
803	400223	4516637	1.29E-08	2.46E-09	2.47E-04	2.69E-02	1.00E-05
804	400298	4516637	1.57E-08	2.99E-09	2.46E-04	2.68E-02	1.22E-05
805	400373	4516637	1.75E-08	3.33E-09	2.29E-04	2.49E-02	1.36E-05
806	400448	4516637	1.91E-08	3.63E-09	2.20E-04	2.39E-02	1.48E-05
807	400523	4516637	2.29E-08	4.35E-09	2.26E-04	2.47E-02	1.78E-05
808	400598	4516637	3.07E-08	5.84E-09	2.51E-04	2.74E-02	2.38E-05
809	400673	4516637	4.24E-08	8.06E-09	3.05E-04	3.32E-02	3.29E-05
810	400748	4516637	5.85E-08	1.11E-08	2.92E-04	3.18E-02	4.54E-05
811	400823	4516637	8.04E-08	1.53E-08	2.86E-04	3.11E-02	6.25E-05
812	400898	4516637	1.04E-07	1.98E-08	2.64E-04	2.87E-02	8.07E-05
813	400973	4516637	1.33E-07	2.53E-08	2.43E-04	2.64E-02	1.03E-04
814	401048	4516637	1.65E-07	3.13E-08	2.38E-04	2.59E-02	1.28E-04
815	401123	4516637	1.90E-07	3.62E-08	1.94E-04	2.11E-02	1.48E-04
816	401198	4516637	1.94E-07	3.68E-08	1.91E-04	2.08E-02	1.50E-04

Receptor	UTM East (m)	UTM North (m)	Cancer Risk 70 Year	Cancer Risk 9 Years (Child)	Acute Hazard Index		Chronic Hazard Index
					Cardiovascular	Respiratory	Respiratory
817	401273	4516637	1.91E-07	3.63E-08	2.10E-04	2.28E-02	1.48E-04
818	401348	4516637	1.79E-07	3.41E-08	2.08E-04	2.26E-02	1.39E-04
819	401423	4516637	1.66E-07	3.16E-08	1.92E-04	2.09E-02	1.29E-04
820	401498	4516637	1.54E-07	2.92E-08	1.81E-04	1.97E-02	1.19E-04
821	401573	4516637	1.31E-07	2.50E-08	1.72E-04	1.88E-02	1.02E-04
822	401648	4516637	1.18E-07	2.24E-08	1.63E-04	1.78E-02	9.15E-05
823	401723	4516637	1.06E-07	2.02E-08	1.55E-04	1.69E-02	8.26E-05
824	401798	4516637	9.15E-08	1.74E-08	1.21E-04	1.31E-02	7.11E-05
825	401873	4516637	8.26E-08	1.57E-08	1.09E-04	1.19E-02	6.42E-05
826	399473	4516562	2.72E-09	5.18E-10	8.11E-05	8.84E-03	2.11E-06
827	399548	4516562	3.01E-09	5.71E-10	9.31E-05	1.01E-02	2.33E-06
828	399623	4516562	3.33E-09	6.34E-10	1.05E-04	1.14E-02	2.59E-06
829	399698	4516562	3.71E-09	7.04E-10	1.15E-04	1.25E-02	2.88E-06
830	399773	4516562	4.12E-09	7.83E-10	1.25E-04	1.36E-02	3.20E-06
831	399848	4516562	4.60E-09	8.74E-10	1.37E-04	1.49E-02	3.57E-06
832	399923	4516562	5.21E-09	9.91E-10	1.45E-04	1.58E-02	4.05E-06
833	399998	4516562	6.15E-09	1.17E-09	1.56E-04	1.70E-02	4.78E-06
834	400073	4516562	7.70E-09	1.46E-09	1.82E-04	1.99E-02	5.98E-06
835	400148	4516562	9.92E-09	1.89E-09	2.06E-04	2.24E-02	7.70E-06
836	400223	4516562	1.24E-08	2.35E-09	2.10E-04	2.29E-02	9.60E-06
837	400298	4516562	1.43E-08	2.71E-09	2.05E-04	2.24E-02	1.11E-05
838	400373	4516562	1.55E-08	2.94E-09	1.95E-04	2.12E-02	1.20E-05
839	400448	4516562	1.69E-08	3.21E-09	1.86E-04	2.03E-02	1.31E-05
840	400523	4516562	2.03E-08	3.86E-09	2.04E-04	2.22E-02	1.58E-05
841	400598	4516562	2.69E-08	5.12E-09	2.24E-04	2.44E-02	2.09E-05
842	400673	4516562	3.65E-08	6.94E-09	2.69E-04	2.94E-02	2.84E-05
843	400748	4516562	4.88E-08	9.28E-09	2.53E-04	2.75E-02	3.79E-05
844	400823	4516562	6.42E-08	1.22E-08	2.47E-04	2.69E-02	4.98E-05
845	400898	4516562	7.62E-08	1.45E-08	2.28E-04	2.48E-02	5.92E-05
846	400973	4516562	1.01E-07	1.91E-08	2.15E-04	2.35E-02	7.80E-05
847	401048	4516562	1.22E-07	2.31E-08	2.07E-04	2.25E-02	9.45E-05
848	401123	4516562	1.43E-07	2.72E-08	1.64E-04	1.79E-02	1.11E-04
849	401198	4516562	1.58E-07	3.00E-08	1.62E-04	1.76E-02	1.22E-04
850	401273	4516562	1.58E-07	3.01E-08	1.74E-04	1.89E-02	1.23E-04
851	401348	4516562	1.56E-07	2.97E-08	1.89E-04	2.06E-02	1.21E-04
852	401423	4516562	1.51E-07	2.87E-08	1.85E-04	2.02E-02	1.17E-04
853	401498	4516562	1.40E-07	2.66E-08	1.73E-04	1.89E-02	1.09E-04
854	401573	4516562	1.30E-07	2.46E-08	1.72E-04	1.87E-02	1.01E-04
855	401648	4516562	1.15E-07	2.18E-08	1.57E-04	1.71E-02	8.92E-05
856	401723	4516562	1.04E-07	1.97E-08	1.48E-04	1.61E-02	8.04E-05
857	401798	4516562	9.23E-08	1.75E-08	1.41E-04	1.54E-02	7.16E-05
858	401873	4516562	8.12E-08	1.54E-08	1.19E-04	1.30E-02	6.30E-05
859	399473	4516487	2.82E-09	5.36E-10	9.29E-05	1.01E-02	2.19E-06
860	399548	4516487	3.09E-09	5.88E-10	1.02E-04	1.11E-02	2.40E-06
861	399623	4516487	3.39E-09	6.44E-10	1.10E-04	1.20E-02	2.63E-06
862	399698	4516487	3.70E-09	7.04E-10	1.18E-04	1.28E-02	2.88E-06
863	399773	4516487	4.05E-09	7.69E-10	1.25E-04	1.36E-02	3.14E-06
864	399848	4516487	4.46E-09	8.48E-10	1.30E-04	1.41E-02	3.47E-06

Receptor	UTM East (m)	UTM North (m)	Cancer Risk 70 Year	Cancer Risk 9 Years (Child)	Acute Hazard Index		Chronic Hazard Index
					Cardiovascular	Respiratory	Respiratory
865	399923	4516487	5.09E-09	9.68E-10	1.33E-04	1.45E-02	3.96E-06
866	399998	4516487	6.16E-09	1.17E-09	1.49E-04	1.63E-02	4.78E-06
867	400073	4516487	7.80E-09	1.48E-09	1.71E-04	1.86E-02	6.06E-06
868	400148	4516487	9.82E-09	1.87E-09	1.78E-04	1.94E-02	7.63E-06
869	400223	4516487	1.17E-08	2.22E-09	1.76E-04	1.92E-02	9.08E-06
870	400298	4516487	1.30E-08	2.47E-09	1.73E-04	1.88E-02	1.01E-05
871	400373	4516487	1.38E-08	2.63E-09	1.73E-04	1.88E-02	1.07E-05
872	400448	4516487	1.51E-08	2.87E-09	1.66E-04	1.81E-02	1.17E-05
873	400523	4516487	1.83E-08	3.47E-09	1.84E-04	2.01E-02	1.42E-05
874	400598	4516487	2.40E-08	4.56E-09	2.06E-04	2.25E-02	1.86E-05
875	400673	4516487	3.19E-08	6.07E-09	2.40E-04	2.61E-02	2.48E-05
876	400748	4516487	4.16E-08	7.91E-09	2.23E-04	2.43E-02	3.23E-05
877	400823	4516487	5.33E-08	1.01E-08	2.18E-04	2.37E-02	4.14E-05
878	400898	4516487	6.34E-08	1.21E-08	2.05E-04	2.23E-02	4.92E-05
879	400973	4516487	7.94E-08	1.51E-08	1.92E-04	2.09E-02	6.16E-05
880	401048	4516487	9.75E-08	1.85E-08	1.82E-04	1.98E-02	7.57E-05
881	401123	4516487	1.11E-07	2.11E-08	1.48E-04	1.62E-02	8.62E-05
882	401198	4516487	1.25E-07	2.38E-08	1.44E-04	1.56E-02	9.73E-05
883	401273	4516487	1.31E-07	2.50E-08	1.46E-04	1.59E-02	1.02E-04
884	401348	4516487	1.39E-07	2.65E-08	1.70E-04	1.85E-02	1.08E-04
885	401423	4516487	1.32E-07	2.52E-08	1.75E-04	1.90E-02	1.03E-04
886	401498	4516487	1.27E-07	2.42E-08	1.67E-04	1.82E-02	9.87E-05
887	401573	4516487	1.17E-07	2.22E-08	1.62E-04	1.76E-02	9.09E-05
888	401648	4516487	1.11E-07	2.11E-08	1.62E-04	1.76E-02	8.62E-05
889	401723	4516487	9.94E-08	1.89E-08	1.43E-04	1.56E-02	7.72E-05
890	401798	4516487	8.99E-08	1.71E-08	1.36E-04	1.48E-02	6.98E-05
891	401873	4516487	8.13E-08	1.54E-08	1.30E-04	1.42E-02	6.31E-05
892	399473	4516412	2.88E-09	5.47E-10	9.90E-05	1.08E-02	2.23E-06
893	399548	4516412	3.11E-09	5.91E-10	1.05E-04	1.14E-02	2.41E-06
894	399623	4516412	3.35E-09	6.36E-10	1.10E-04	1.20E-02	2.60E-06
895	399698	4516412	3.59E-09	6.82E-10	1.15E-04	1.25E-02	2.79E-06
896	399773	4516412	3.87E-09	7.36E-10	1.16E-04	1.27E-02	3.01E-06
897	399848	4516412	4.30E-09	8.18E-10	1.15E-04	1.25E-02	3.34E-06
898	399923	4516412	5.05E-09	9.60E-10	1.24E-04	1.35E-02	3.92E-06
899	399998	4516412	6.27E-09	1.19E-09	1.42E-04	1.55E-02	4.86E-06
900	400073	4516412	7.90E-09	1.50E-09	1.54E-04	1.68E-02	6.13E-06
901	400148	4516412	9.62E-09	1.83E-09	1.57E-04	1.71E-02	7.47E-06
902	400223	4516412	1.10E-08	2.09E-09	1.57E-04	1.71E-02	8.53E-06
903	400298	4516412	1.18E-08	2.25E-09	1.53E-04	1.66E-02	9.18E-06
904	400373	4516412	1.24E-08	2.36E-09	1.51E-04	1.64E-02	9.65E-06
905	400448	4516412	1.37E-08	2.60E-09	1.54E-04	1.68E-02	1.06E-05
906	400523	4516412	1.66E-08	3.15E-09	1.66E-04	1.81E-02	1.29E-05
907	400598	4516412	2.16E-08	4.10E-09	1.91E-04	2.08E-02	1.68E-05
908	400673	4516412	3.02E-08	5.75E-09	2.12E-04	2.31E-02	2.35E-05
909	400748	4516412	3.80E-08	7.22E-09	2.12E-04	2.31E-02	2.95E-05
910	400823	4516412	4.64E-08	8.82E-09	1.98E-04	2.16E-02	3.60E-05
911	400898	4516412	5.38E-08	1.02E-08	1.87E-04	2.03E-02	4.18E-05
912	400973	4516412	6.54E-08	1.24E-08	1.70E-04	1.85E-02	5.08E-05

Receptor	UTM East (m)	UTM North (m)	Cancer Risk 70 Year	Cancer Risk 9 Years (Child)	Acute Hazard Index		Chronic Hazard Index
					Cardiovascular	Respiratory	Respiratory
913	401048	4516412	7.51E-08	1.43E-08	1.63E-04	1.77E-02	5.83E-05
914	401123	4516412	8.88E-08	1.69E-08	1.27E-04	1.38E-02	6.89E-05
915	401198	4516412	1.04E-07	1.98E-08	1.26E-04	1.37E-02	8.10E-05
916	401273	4516412	1.14E-07	2.18E-08	1.30E-04	1.42E-02	8.89E-05
917	401348	4516412	1.15E-07	2.18E-08	1.41E-04	1.54E-02	8.92E-05
918	401423	4516412	1.22E-07	2.31E-08	1.60E-04	1.74E-02	9.44E-05
919	401498	4516412	1.15E-07	2.18E-08	1.59E-04	1.73E-02	8.91E-05
920	401573	4516412	1.12E-07	2.13E-08	1.54E-04	1.68E-02	8.69E-05
921	401648	4516412	1.02E-07	1.93E-08	1.54E-04	1.68E-02	7.90E-05
922	401723	4516412	9.75E-08	1.85E-08	1.49E-04	1.62E-02	7.57E-05
923	401798	4516412	8.88E-08	1.69E-08	1.43E-04	1.56E-02	6.89E-05
924	401873	4516412	7.95E-08	1.51E-08	1.27E-04	1.38E-02	6.18E-05
925	399473	4516337	2.86E-09	5.44E-10	9.95E-05	1.08E-02	2.22E-06
926	399548	4516337	3.04E-09	5.77E-10	1.03E-04	1.12E-02	2.36E-06
927	399623	4516337	3.21E-09	6.10E-10	1.05E-04	1.14E-02	2.49E-06
928	399698	4516337	3.40E-09	6.47E-10	1.05E-04	1.14E-02	2.64E-06
929	399773	4516337	3.70E-09	7.03E-10	1.02E-04	1.11E-02	2.87E-06
930	399848	4516337	4.23E-09	8.04E-10	1.05E-04	1.14E-02	3.29E-06
931	399923	4516337	5.14E-09	9.76E-10	1.19E-04	1.29E-02	3.99E-06
932	399998	4516337	6.44E-09	1.22E-09	1.33E-04	1.45E-02	5.00E-06
933	400073	4516337	7.94E-09	1.51E-09	1.38E-04	1.50E-02	6.17E-06
934	400148	4516337	9.30E-09	1.77E-09	1.38E-04	1.50E-02	7.22E-06
935	400223	4516337	1.02E-08	1.95E-09	1.40E-04	1.53E-02	7.95E-06
936	400298	4516337	1.08E-08	2.05E-09	1.41E-04	1.53E-02	8.36E-06
937	400373	4516337	1.13E-08	2.14E-09	1.33E-04	1.45E-02	8.75E-06
938	400448	4516337	1.25E-08	2.37E-09	1.44E-04	1.57E-02	9.69E-06
939	400523	4516337	1.52E-08	2.89E-09	1.54E-04	1.67E-02	1.18E-05
940	400598	4516337	2.10E-08	3.99E-09	1.78E-04	1.94E-02	1.63E-05
941	400673	4516337	2.67E-08	5.07E-09	1.88E-04	2.05E-02	2.07E-05
942	400748	4516337	3.33E-08	6.33E-09	1.91E-04	2.08E-02	2.59E-05
943	400823	4516337	3.97E-08	7.54E-09	1.79E-04	1.95E-02	3.08E-05
944	400898	4516337	4.64E-08	8.82E-09	1.70E-04	1.85E-02	3.60E-05
945	400973	4516337	5.34E-08	1.02E-08	1.55E-04	1.68E-02	4.15E-05
946	401048	4516337	6.11E-08	1.16E-08	1.20E-04	1.30E-02	4.75E-05
947	401123	4516337	7.31E-08	1.39E-08	1.18E-04	1.28E-02	5.67E-05
948	401198	4516337	8.38E-08	1.59E-08	1.13E-04	1.23E-02	6.51E-05
949	401273	4516337	9.15E-08	1.74E-08	1.07E-04	1.16E-02	7.10E-05
950	401348	4516337	9.98E-08	1.90E-08	1.19E-04	1.29E-02	7.75E-05
951	401423	4516337	9.79E-08	1.86E-08	1.32E-04	1.44E-02	7.60E-05
952	401498	4516337	1.03E-07	1.96E-08	1.50E-04	1.64E-02	8.01E-05
953	401573	4516337	1.01E-07	1.91E-08	1.47E-04	1.60E-02	7.81E-05
954	401648	4516337	9.63E-08	1.83E-08	1.47E-04	1.60E-02	7.48E-05
955	401723	4516337	8.99E-08	1.71E-08	1.48E-04	1.61E-02	6.98E-05
956	401798	4516337	8.43E-08	1.60E-08	1.38E-04	1.50E-02	6.54E-05
957	401873	4516337	7.83E-08	1.49E-08	1.33E-04	1.45E-02	6.08E-05
958	399473	4516262	2.77E-09	5.26E-10	9.59E-05	1.04E-02	2.15E-06
959	399548	4516262	2.89E-09	5.49E-10	9.66E-05	1.05E-02	2.24E-06
960	399623	4516262	3.02E-09	5.74E-10	9.56E-05	1.04E-02	2.34E-06

Receptor	UTM East (m)	UTM North (m)	Cancer Risk 70 Year	Cancer Risk 9 Years (Child)	Acute Hazard Index		Chronic Hazard Index
					Cardiovascular	Respiratory	Respiratory
961	399698	4516262	3.23E-09	6.14E-10	9.17E-05	9.99E-03	2.51E-06
962	399773	4516262	3.61E-09	6.87E-10	9.09E-05	9.90E-03	2.81E-06
963	399848	4516262	4.29E-09	8.16E-10	1.00E-04	1.09E-02	3.33E-06
964	399923	4516262	5.32E-09	1.01E-09	1.15E-04	1.25E-02	4.13E-06
965	399998	4516262	6.61E-09	1.26E-09	1.22E-04	1.33E-02	5.13E-06
966	400073	4516262	7.88E-09	1.50E-09	1.25E-04	1.36E-02	6.12E-06
967	400148	4516262	8.88E-09	1.69E-09	1.28E-04	1.39E-02	6.90E-06
968	400223	4516262	9.49E-09	1.80E-09	1.26E-04	1.38E-02	7.37E-06
969	400298	4516262	9.83E-09	1.87E-09	1.26E-04	1.37E-02	7.63E-06
970	400373	4516262	1.03E-08	1.95E-09	1.22E-04	1.33E-02	7.98E-06
971	400448	4516262	1.15E-08	2.18E-09	1.33E-04	1.44E-02	8.92E-06
972	400523	4516262	1.40E-08	2.66E-09	1.43E-04	1.55E-02	1.09E-05
973	400598	4516262	1.98E-08	3.76E-09	1.62E-04	1.77E-02	1.53E-05
974	400673	4516262	2.44E-08	4.65E-09	1.71E-04	1.87E-02	1.90E-05
975	400748	4516262	2.99E-08	5.68E-09	1.73E-04	1.89E-02	2.32E-05
976	400823	4516262	3.45E-08	6.56E-09	1.63E-04	1.78E-02	2.68E-05
977	400898	4516262	4.03E-08	7.66E-09	1.55E-04	1.69E-02	3.13E-05
978	400973	4516262	4.41E-08	8.39E-09	1.12E-04	1.22E-02	3.43E-05
979	401048	4516262	5.11E-08	9.72E-09	1.10E-04	1.20E-02	3.97E-05
980	401123	4516262	6.04E-08	1.15E-08	1.04E-04	1.14E-02	4.69E-05
981	401198	4516262	6.83E-08	1.30E-08	9.98E-05	1.09E-02	5.30E-05
982	401273	4516262	7.82E-08	1.49E-08	1.01E-04	1.10E-02	6.07E-05
983	401348	4516262	8.39E-08	1.60E-08	1.04E-04	1.13E-02	6.52E-05
984	401423	4516262	8.76E-08	1.66E-08	1.18E-04	1.28E-02	6.80E-05
985	401498	4516262	9.22E-08	1.75E-08	1.38E-04	1.50E-02	7.16E-05
986	401573	4516262	8.99E-08	1.71E-08	1.39E-04	1.51E-02	6.98E-05
987	401648	4516262	8.92E-08	1.70E-08	1.35E-04	1.47E-02	6.93E-05
988	401723	4516262	8.44E-08	1.60E-08	1.37E-04	1.49E-02	6.55E-05
989	401798	4516262	7.90E-08	1.50E-08	1.38E-04	1.50E-02	6.14E-05
990	401873	4516262	7.38E-08	1.40E-08	1.28E-04	1.40E-02	5.73E-05
991	399473	4516187	2.61E-09	4.97E-10	8.91E-05	9.70E-03	2.03E-06
992	399548	4516187	2.70E-09	5.14E-10	8.74E-05	9.52E-03	2.10E-06
993	399623	4516187	2.85E-09	5.42E-10	8.33E-05	9.07E-03	2.21E-06
994	399698	4516187	3.13E-09	5.96E-10	7.97E-05	8.68E-03	2.43E-06
995	399773	4516187	3.65E-09	6.94E-10	8.53E-05	9.29E-03	2.83E-06
996	399848	4516187	4.46E-09	8.49E-10	9.81E-05	1.07E-02	3.47E-06
997	399923	4516187	5.54E-09	1.05E-09	1.09E-04	1.19E-02	4.30E-06
998	399998	4516187	6.69E-09	1.27E-09	1.13E-04	1.23E-02	5.20E-06
999	400073	4516187	7.70E-09	1.46E-09	1.13E-04	1.23E-02	5.98E-06
1000	400148	4516187	8.40E-09	1.60E-09	1.17E-04	1.28E-02	6.52E-06
1001	400223	4516187	8.77E-09	1.67E-09	1.16E-04	1.27E-02	6.81E-06
1002	400298	4516187	9.00E-09	1.71E-09	1.14E-04	1.25E-02	6.99E-06
1003	400373	4516187	9.45E-09	1.80E-09	1.17E-04	1.27E-02	7.34E-06
1004	400448	4516187	1.06E-08	2.02E-09	1.21E-04	1.32E-02	8.27E-06
1005	400523	4516187	1.50E-08	2.86E-09	1.39E-04	1.51E-02	1.17E-05
1006	400598	4516187	1.83E-08	3.48E-09	1.49E-04	1.62E-02	1.42E-05
1007	400673	4516187	2.24E-08	4.25E-09	1.58E-04	1.73E-02	1.74E-05
1008	400748	4516187	2.57E-08	4.88E-09	1.59E-04	1.73E-02	1.99E-05

Receptor	UTM East (m)	UTM North (m)	Cancer Risk 70 Year	Cancer Risk 9 Years (Child)	Acute Hazard Index		Chronic Hazard Index
					Cardiovascular	Respiratory	Respiratory
1009	400823	4516187	2.83E-08	5.38E-09	1.12E-04	1.22E-02	2.20E-05
1010	400898	4516187	3.42E-08	6.50E-09	1.08E-04	1.17E-02	2.66E-05
1011	400973	4516187	3.73E-08	7.09E-09	1.02E-04	1.11E-02	2.89E-05
1012	401048	4516187	4.52E-08	8.59E-09	1.01E-04	1.10E-02	3.51E-05
1013	401123	4516187	5.06E-08	9.61E-09	9.38E-05	1.02E-02	3.92E-05
1014	401198	4516187	5.80E-08	1.10E-08	9.49E-05	1.03E-02	4.50E-05
1015	401273	4516187	6.72E-08	1.28E-08	9.30E-05	1.01E-02	5.22E-05
1016	401348	4516187	7.12E-08	1.35E-08	8.72E-05	9.50E-03	5.52E-05
1017	401423	4516187	7.64E-08	1.45E-08	9.72E-05	1.06E-02	5.93E-05
1018	401498	4516187	7.83E-08	1.49E-08	1.14E-04	1.24E-02	6.08E-05
1019	401573	4516187	8.15E-08	1.55E-08	1.32E-04	1.44E-02	6.33E-05
1020	401648	4516187	8.10E-08	1.54E-08	1.30E-04	1.41E-02	6.29E-05
1021	401723	4516187	7.84E-08	1.49E-08	1.31E-04	1.42E-02	6.09E-05
1022	401798	4516187	7.46E-08	1.42E-08	1.33E-04	1.45E-02	5.79E-05
1023	401873	4516187	7.12E-08	1.35E-08	1.29E-04	1.40E-02	5.53E-05
1024	399473	4516112	2.44E-09	4.64E-10	8.02E-05	8.74E-03	1.89E-06
1025	399548	4516112	2.54E-09	4.84E-10	7.61E-05	8.29E-03	1.98E-06
1026	399623	4516112	2.75E-09	5.24E-10	7.10E-05	7.73E-03	2.14E-06
1027	399698	4516112	3.15E-09	5.99E-10	7.34E-05	8.00E-03	2.45E-06
1028	399773	4516112	3.80E-09	7.21E-10	8.45E-05	9.20E-03	2.95E-06
1029	399848	4516112	4.68E-09	8.90E-10	9.63E-05	1.05E-02	3.64E-06
1030	399923	4516112	5.71E-09	1.08E-09	1.01E-04	1.11E-02	4.43E-06
1031	399998	4516112	6.68E-09	1.27E-09	1.04E-04	1.13E-02	5.18E-06
1032	400073	4516112	7.43E-09	1.41E-09	1.08E-04	1.17E-02	5.77E-06
1033	400148	4516112	7.88E-09	1.50E-09	1.07E-04	1.17E-02	6.12E-06
1034	400223	4516112	8.10E-09	1.54E-09	1.08E-04	1.17E-02	6.29E-06
1035	400298	4516112	8.27E-09	1.57E-09	1.03E-04	1.12E-02	6.42E-06
1036	400373	4516112	8.75E-09	1.66E-09	1.10E-04	1.19E-02	6.79E-06
1037	400448	4516112	9.93E-09	1.89E-09	1.12E-04	1.22E-02	7.71E-06
1038	400523	4516112	1.41E-08	2.68E-09	1.33E-04	1.45E-02	1.10E-05
1039	400598	4516112	1.67E-08	3.17E-09	1.35E-04	1.47E-02	1.29E-05
1040	400673	4516112	1.97E-08	3.75E-09	1.47E-04	1.60E-02	1.53E-05
1041	400748	4516112	2.17E-08	4.12E-09	1.12E-04	1.22E-02	1.68E-05
1042	400823	4516112	2.57E-08	4.88E-09	1.01E-04	1.10E-02	1.99E-05
1043	400898	4516112	2.96E-08	5.63E-09	9.85E-05	1.07E-02	2.30E-05
1044	400973	4516112	3.29E-08	6.24E-09	9.51E-05	1.04E-02	2.55E-05
1045	401048	4516112	3.91E-08	7.42E-09	9.23E-05	1.01E-02	3.03E-05
1046	401123	4516112	4.28E-08	8.13E-09	8.89E-05	9.68E-03	3.32E-05
1047	401198	4516112	4.93E-08	9.37E-09	8.26E-05	9.00E-03	3.83E-05
1048	401273	4516112	5.61E-08	1.07E-08	8.29E-05	9.03E-03	4.36E-05
1049	401348	4516112	6.12E-08	1.16E-08	8.42E-05	9.17E-03	4.76E-05
1050	401423	4516112	6.50E-08	1.23E-08	8.07E-05	8.80E-03	5.04E-05
1051	401498	4516112	7.02E-08	1.33E-08	1.03E-04	1.12E-02	5.45E-05
1052	401573	4516112	7.20E-08	1.37E-08	1.16E-04	1.26E-02	5.59E-05
1053	401648	4516112	7.31E-08	1.39E-08	1.23E-04	1.34E-02	5.67E-05
1054	401723	4516112	7.22E-08	1.37E-08	1.21E-04	1.31E-02	5.60E-05
1055	401798	4516112	7.09E-08	1.35E-08	1.23E-04	1.34E-02	5.50E-05
1056	401873	4516112	6.75E-08	1.28E-08	1.24E-04	1.36E-02	5.24E-05

APPENDIX B
Results

Receptor	UTM East (m)	UTM North (m)	Cancer Risk 70 Year	Cancer Risk 9 Years (Child)	Acute Hazard Index		Chronic Hazard Index
					Cardiovascular	Respiratory	Respiratory
1057	399473	4516037	2.29E-09	4.35E-10	6.99E-05	7.61E-03	1.78E-06
1058	399548	4516037	2.45E-09	4.66E-10	6.42E-05	6.99E-03	1.90E-06
1059	399623	4516037	2.76E-09	5.24E-10	6.43E-05	7.01E-03	2.14E-06
1060	399698	4516037	3.27E-09	6.21E-10	7.29E-05	7.94E-03	2.54E-06
1061	399773	4516037	4.00E-09	7.61E-10	8.46E-05	9.22E-03	3.11E-06
1062	399848	4516037	4.89E-09	9.29E-10	9.27E-05	1.01E-02	3.80E-06
1063	399923	4516037	5.79E-09	1.10E-09	9.59E-05	1.04E-02	4.50E-06
1064	399998	4516037	6.56E-09	1.25E-09	9.75E-05	1.06E-02	5.10E-06
1065	400073	4516037	7.09E-09	1.35E-09	1.00E-04	1.09E-02	5.50E-06
1066	400148	4516037	7.37E-09	1.40E-09	9.96E-05	1.09E-02	5.72E-06
1067	400223	4516037	7.49E-09	1.42E-09	9.94E-05	1.08E-02	5.81E-06
1068	400298	4516037	7.65E-09	1.45E-09	9.74E-05	1.06E-02	5.94E-06
1069	400373	4516037	8.14E-09	1.55E-09	1.02E-04	1.11E-02	6.32E-06
1070	400448	4516037	1.13E-08	2.14E-09	1.11E-04	1.20E-02	8.74E-06
1071	400523	4516037	1.27E-08	2.41E-09	1.24E-04	1.36E-02	9.85E-06
1072	400598	4516037	1.58E-08	3.00E-09	1.25E-04	1.36E-02	1.22E-05
1073	400673	4516037	1.69E-08	3.21E-09	1.12E-04	1.22E-02	1.31E-05
1074	400748	4516037	1.95E-08	3.72E-09	1.03E-04	1.12E-02	1.52E-05
1075	400823	4516037	2.32E-08	4.42E-09	9.23E-05	1.01E-02	1.80E-05
1076	400898	4516037	2.67E-08	5.08E-09	9.04E-05	9.85E-03	2.08E-05
1077	400973	4516037	2.95E-08	5.61E-09	8.75E-05	9.54E-03	2.29E-05
1078	401048	4516037	3.38E-08	6.43E-09	8.50E-05	9.26E-03	2.63E-05
1079	401123	4516037	3.76E-08	7.15E-09	8.22E-05	8.95E-03	2.92E-05
1080	401198	4516037	4.19E-08	7.96E-09	7.67E-05	8.35E-03	3.25E-05
1081	401273	4516037	4.79E-08	9.11E-09	7.87E-05	8.57E-03	3.72E-05
1082	401348	4516037	5.28E-08	1.00E-08	7.89E-05	8.59E-03	4.10E-05
1083	401423	4516037	5.69E-08	1.08E-08	7.37E-05	8.03E-03	4.42E-05
1084	401498	4516037	6.04E-08	1.15E-08	8.33E-05	9.08E-03	4.69E-05
1085	401573	4516037	6.42E-08	1.22E-08	9.98E-05	1.09E-02	4.99E-05
1086	401648	4516037	6.55E-08	1.24E-08	1.18E-04	1.29E-02	5.09E-05
1087	401723	4516037	6.62E-08	1.26E-08	1.16E-04	1.26E-02	5.14E-05
1088	401798	4516037	6.58E-08	1.25E-08	1.19E-04	1.29E-02	5.11E-05
1089	401873	4516037	6.34E-08	1.21E-08	1.20E-04	1.31E-02	4.92E-05
1090	400283	4517048	1.37E-08	2.61E-09	2.21E-04	2.41E-02	1.07E-05
1091	400299	4517067	1.50E-08	2.85E-09	2.28E-04	2.48E-02	1.16E-05
1092	400315	4517086	1.65E-08	3.14E-09	2.39E-04	2.61E-02	1.28E-05
1093	400332	4517105	1.83E-08	3.48E-09	2.54E-04	2.76E-02	1.42E-05
1094	400348	4517124	2.05E-08	3.91E-09	2.66E-04	2.90E-02	1.60E-05
1095	400364	4517143	2.32E-08	4.41E-09	2.84E-04	3.10E-02	1.80E-05
1096	400380	4517162	2.63E-08	5.01E-09	3.10E-04	3.37E-02	2.04E-05
1097	400396	4517181	3.00E-08	5.69E-09	3.41E-04	3.71E-02	2.33E-05
1098	400413	4517200	3.42E-08	6.50E-09	3.74E-04	4.08E-02	2.66E-05
1099	400429	4517219	3.95E-08	7.52E-09	4.32E-04	4.70E-02	3.07E-05
1100	400445	4517238	4.70E-08	8.92E-09	4.97E-04	5.41E-02	3.65E-05
1101	400461	4517258	5.83E-08	1.11E-08	5.83E-04	6.35E-02	4.53E-05
1102	400477	4517277	7.62E-08	1.45E-08	7.61E-04	8.29E-02	5.91E-05
1103	400493	4517296	9.72E-08	1.85E-08	1.06E-03	1.16E-01	7.55E-05
1104	400510	4517315	1.10E-07	2.09E-08	9.18E-04	1.00E-01	8.55E-05

Receptor	UTM East (m)	UTM North (m)	Cancer Risk 70 Year	Cancer Risk 9 Years (Child)	Acute Hazard Index		Chronic Hazard Index
					Cardiovascular	Respiratory	Respiratory
1105	400526	4517334	1.67E-07	3.17E-08	1.25E-03	1.36E-01	1.29E-04
1106	400542	4517353	3.28E-07	6.24E-08	1.81E-03	1.97E-01	2.55E-04
1107	400558	4517372	4.34E-07	8.26E-08	1.38E-03	1.50E-01	3.37E-04
1108	400574	4517391	4.33E-07	8.24E-08	1.40E-03	1.52E-01	3.37E-04
1109	400591	4517410	4.49E-07	8.52E-08	2.05E-03	2.23E-01	3.48E-04
1110	400607	4517429	5.95E-07	1.13E-07	2.73E-03	2.98E-01	4.62E-04
1111	400623	4517448	8.48E-07	1.61E-07	2.72E-03	2.96E-01	6.58E-04
1112	400639	4517467	6.58E-07	1.25E-07	2.51E-03	2.73E-01	5.11E-04
1113	400655	4517486	5.20E-07	9.89E-08	2.46E-03	2.68E-01	4.04E-04
1114	400672	4517505	5.05E-07	9.61E-08	2.31E-03	2.52E-01	3.92E-04
1115	400688	4517524	6.34E-07	1.20E-07	2.85E-03	3.11E-01	4.92E-04
1116	400704	4517543	5.59E-07	1.06E-07	1.91E-03	2.08E-01	4.34E-04
1117	400720	4517562	6.27E-07	1.19E-07	1.97E-03	2.15E-01	4.87E-04
1118	400736	4517581	8.97E-07	1.70E-07	2.27E-03	2.47E-01	6.96E-04
1119	400748	4517595	8.78E-07	1.67E-07	2.17E-03	2.36E-01	6.82E-04
1120	400772	4517602	1.06E-06	2.02E-07	2.30E-03	2.51E-01	8.24E-04
1121	400796	4517610	9.78E-07	1.86E-07	2.39E-03	2.61E-01	7.59E-04
1122	400820	4517617	1.01E-06	1.92E-07	2.57E-03	2.79E-01	7.85E-04
1123	400844	4517624	9.32E-07	1.77E-07	2.22E-03	2.41E-01	7.24E-04
1124	400867	4517632	8.76E-07	1.67E-07	2.39E-03	2.61E-01	6.80E-04
1125	400891	4517639	7.52E-07	1.43E-07	2.21E-03	2.41E-01	5.83E-04
1126	400915	4517646	7.27E-07	1.38E-07	2.97E-03	3.24E-01	5.64E-04
1127	400939	4517654	1.05E-06	1.99E-07	4.84E-03	5.27E-01	8.13E-04
1128	400963	4517661	4.42E-06	8.41E-07	8.73E-03	9.51E-01	3.43E-03
1129	400969	4517663	2.71E-06	5.16E-07	8.58E-03	9.35E-01	2.11E-03
1130	400993	4517668	1.43E-06	2.73E-07	3.14E-03	3.42E-01	1.11E-03
1131	401018	4517673	7.52E-07	1.43E-07	1.28E-03	1.40E-01	5.84E-04
1132	401042	4517678	4.84E-07	9.21E-08	9.93E-04	1.08E-01	3.76E-04
1133	401067	4517683	1.82E-06	3.47E-07	3.55E-03	3.87E-01	1.42E-03
1134	401091	4517688	9.07E-07	1.72E-07	1.86E-03	2.03E-01	7.04E-04
1135	401116	4517693	5.43E-07	1.03E-07	1.21E-03	1.31E-01	4.22E-04
1136	401140	4517698	3.72E-07	7.07E-08	8.50E-04	9.26E-02	2.89E-04
1137	401153	4517701	3.19E-07	6.07E-08	7.36E-04	8.02E-02	2.48E-04
1138	401158	4517677	3.31E-07	6.29E-08	6.96E-04	7.58E-02	2.57E-04
1139	401163	4517652	3.62E-07	6.88E-08	7.36E-04	8.02E-02	2.81E-04
1140	401168	4517630	4.01E-07	7.62E-08	7.20E-04	7.84E-02	3.11E-04
1141	401144	4517625	6.20E-07	1.18E-07	1.06E-03	1.15E-01	4.81E-04
1142	401119	4517620	1.14E-06	2.17E-07	1.44E-03	1.57E-01	8.85E-04
1143	401095	4517615	2.30E-06	4.37E-07	1.78E-03	1.94E-01	1.78E-03
1144	401070	4517610	2.62E-06	4.98E-07	2.36E-03	2.57E-01	2.03E-03
1145	401046	4517605	1.68E-06	3.19E-07	2.83E-03	3.08E-01	1.30E-03
1146	401021	4517600	2.32E-06	4.42E-07	2.86E-03	3.11E-01	1.80E-03
1147	400997	4517595	3.30E-06	6.27E-07	3.10E-03	3.38E-01	2.56E-03
1148	400972	4517590	1.35E-06	2.57E-07	2.88E-03	3.13E-01	1.05E-03
1149	400958	4517587	8.69E-07	1.65E-07	2.71E-03	2.95E-01	6.75E-04
1150	400946	4517565	9.57E-07	1.82E-07	2.38E-03	2.59E-01	7.43E-04
1151	400934	4517543	1.35E-06	2.57E-07	2.28E-03	2.49E-01	1.05E-03
1152	400922	4517521	1.83E-06	3.48E-07	2.20E-03	2.40E-01	1.42E-03

Receptor	UTM East (m)	UTM North (m)	Cancer Risk 70 Year	Cancer Risk 9 Years (Child)	Acute Hazard Index		Chronic Hazard Index
					Cardiovascular	Respiratory	Respiratory
1153	400910	4517499	2.30E-06	4.37E-07	2.21E-03	2.41E-01	1.79E-03
1154	400903	4517486	2.49E-06	4.74E-07	2.24E-03	2.44E-01	1.93E-03
1155	400903	4517461	2.37E-06	4.51E-07	2.05E-03	2.23E-01	1.84E-03
1156	400903	4517436	2.29E-06	4.36E-07	2.11E-03	2.29E-01	1.78E-03
1157	400903	4517411	2.23E-06	4.25E-07	1.97E-03	2.14E-01	1.73E-03
1158	400903	4517386	2.17E-06	4.13E-07	2.01E-03	2.19E-01	1.69E-03
1159	400903	4517361	2.09E-06	3.97E-07	1.82E-03	1.98E-01	1.62E-03
1160	400903	4517336	2.03E-06	3.85E-07	1.89E-03	2.06E-01	1.57E-03
1161	400903	4517311	1.87E-06	3.55E-07	1.87E-03	2.04E-01	1.45E-03
1162	400903	4517286	1.76E-06	3.34E-07	1.82E-03	1.98E-01	1.37E-03
1163	400903	4517261	1.79E-06	3.40E-07	1.68E-03	1.83E-01	1.39E-03
1164	400903	4517236	1.80E-06	3.42E-07	1.64E-03	1.78E-01	1.40E-03
1165	400903	4517211	1.75E-06	3.33E-07	1.57E-03	1.70E-01	1.36E-03
1166	400903	4517186	1.66E-06	3.15E-07	1.49E-03	1.62E-01	1.29E-03
1167	400903	4517161	1.53E-06	2.91E-07	1.47E-03	1.60E-01	1.19E-03
1168	400903	4517136	1.40E-06	2.67E-07	1.42E-03	1.55E-01	1.09E-03
1169	400903	4517111	1.31E-06	2.49E-07	1.40E-03	1.53E-01	1.02E-03
1170	400903	4517086	1.28E-06	2.43E-07	1.29E-03	1.41E-01	9.91E-04
1171	400903	4517061	1.25E-06	2.38E-07	1.18E-03	1.28E-01	9.74E-04
1172	400903	4517048	1.23E-06	2.35E-07	1.12E-03	1.22E-01	9.58E-04
1173	400878	4517048	1.60E-06	3.04E-07	1.29E-03	1.41E-01	1.24E-03
1174	400853	4517048	2.26E-06	4.30E-07	1.68E-03	1.83E-01	1.76E-03
1175	400828	4517048	3.23E-06	6.14E-07	2.16E-03	2.35E-01	2.51E-03
1176	400803	4517048	3.18E-06	6.05E-07	2.49E-03	2.71E-01	2.47E-03
1177	400778	4517048	1.40E-06	2.67E-07	2.75E-03	3.00E-01	1.09E-03
1178	400753	4517048	5.52E-07	1.05E-07	3.02E-03	3.29E-01	4.28E-04
1179	400728	4517048	3.49E-07	6.64E-08	2.04E-03	2.22E-01	2.71E-04
1180	400703	4517048	2.95E-07	5.60E-08	1.87E-03	2.04E-01	2.29E-04
1181	400678	4517048	2.60E-07	4.94E-08	1.74E-03	1.90E-01	2.02E-04
1182	400653	4517048	2.11E-07	4.00E-08	1.49E-03	1.62E-01	1.64E-04
1183	400628	4517048	1.65E-07	3.15E-08	1.20E-03	1.31E-01	1.28E-04
1184	400603	4517048	1.28E-07	2.44E-08	9.48E-04	1.03E-01	9.97E-05
1185	400578	4517048	9.90E-08	1.88E-08	8.30E-04	9.04E-02	7.68E-05
1186	400553	4517048	7.90E-08	1.50E-08	7.66E-04	8.34E-02	6.13E-05
1187	400528	4517048	6.70E-08	1.27E-08	7.51E-04	8.18E-02	5.20E-05
1188	400503	4517048	5.84E-08	1.11E-08	7.38E-04	8.04E-02	4.53E-05
1189	400478	4517048	5.02E-08	9.53E-09	6.71E-04	7.31E-02	3.89E-05
1190	400453	4517048	4.18E-08	7.95E-09	6.08E-04	6.63E-02	3.25E-05
1191	400428	4517048	3.40E-08	6.47E-09	5.39E-04	5.87E-02	2.64E-05
1192	400403	4517048	2.76E-08	5.24E-09	4.46E-04	4.86E-02	2.14E-05
1193	400378	4517048	2.27E-08	4.32E-09	3.53E-04	3.84E-02	1.76E-05
1194	400353	4517048	1.92E-08	3.65E-09	2.95E-04	3.22E-02	1.49E-05
1195	400328	4517048	1.67E-08	3.18E-09	2.60E-04	2.83E-02	1.30E-05
1196	400303	4517048	1.49E-08	2.83E-09	2.37E-04	2.58E-02	1.16E-05
1197	402448	4518508	1.09E-08	2.08E-09	6.46E-05	7.03E-03	8.49E-06
1198	402908	4518474	8.31E-09	1.58E-09	3.39E-05	3.69E-03	6.45E-06
1199	402178	4519119	9.11E-09	1.73E-09	5.75E-05	6.27E-03	7.07E-06
1200	400990	4520216	5.66E-09	1.08E-09	4.45E-05	4.85E-03	4.39E-06

Receptor	UTM East (m)	UTM North (m)	Cancer Risk 70 Year	Cancer Risk 9 Years (Child)	Acute Hazard Index		Chronic Hazard Index
					Cardiovascular	Respiratory	Respiratory
1201	400628	4519762	7.93E-09	1.51E-09	4.25E-05	4.63E-03	6.16E-06
1202	399850	4519292	1.17E-08	2.23E-09	5.73E-05	6.24E-03	9.11E-06
1203	400182	4519499	1.00E-08	1.91E-09	5.13E-05	5.59E-03	7.79E-06
1204	400417	4519495	1.03E-08	1.97E-09	5.43E-05	5.91E-03	8.03E-06
1205	399492	4518166	1.24E-08	2.37E-09	1.29E-04	1.40E-02	9.66E-06
1206	399461	4518609	1.53E-08	2.92E-09	1.08E-04	1.18E-02	1.19E-05
1207	398732	4517340	2.96E-09	5.62E-10	6.31E-05	6.88E-03	2.30E-06
1208	398425	4516541	1.26E-09	2.40E-10	2.27E-05	2.47E-03	9.81E-07
1209	398822	4516524	1.42E-09	2.70E-10	2.33E-05	2.54E-03	1.10E-06
1210	398967	4517065	3.31E-09	6.29E-10	6.32E-05	6.89E-03	2.57E-06
1211	398801	4515950	1.75E-09	3.32E-10	7.17E-05	7.81E-03	1.36E-06
1212	398763	4515890	1.70E-09	3.23E-10	7.07E-05	7.70E-03	1.32E-06
1213	398718	4515834	1.65E-09	3.14E-10	6.91E-05	7.52E-03	1.28E-06
1214	398306	4515842	1.29E-09	2.45E-10	4.86E-05	5.29E-03	1.00E-06
1215	398617	4515689	1.52E-09	2.89E-10	6.37E-05	6.93E-03	1.18E-06
1216	398729	4515700	1.55E-09	2.94E-10	6.23E-05	6.78E-03	1.20E-06
1217	398482	4515481	1.32E-09	2.51E-10	5.43E-05	5.92E-03	1.02E-06
1218	402562	4518266	1.12E-08	2.12E-09	3.62E-05	3.94E-03	8.68E-06
1219	401559	4518877	1.33E-08	2.54E-09	6.09E-05	6.64E-03	1.04E-05
1220	401915	4518201	2.05E-08	3.90E-09	7.86E-05	8.56E-03	1.59E-05
1221	402340	4518303	1.30E-08	2.47E-09	6.12E-05	6.66E-03	1.01E-05
1222	402524	4517976	1.38E-08	2.63E-09	4.98E-05	5.42E-03	1.07E-05
1223	401684	4517820	4.05E-08	7.70E-09	1.37E-04	1.49E-02	3.14E-05
1224	401548	4517814	5.31E-08	1.01E-08	1.57E-04	1.71E-02	4.12E-05
1225	401456	4517800	6.48E-08	1.23E-08	1.70E-04	1.85E-02	5.03E-05
1226	401359	4517770	8.90E-08	1.69E-08	2.21E-04	2.41E-02	6.91E-05
1227	401141	4517758	2.65E-07	5.03E-08	6.01E-04	6.55E-02	2.06E-04
1228	401176	4517663	3.01E-07	5.72E-08	6.59E-04	7.18E-02	2.34E-04
1229	401367	4517726	9.46E-08	1.80E-08	2.71E-04	2.95E-02	7.34E-05
1230	401462	4517744	6.99E-08	1.33E-08	2.10E-04	2.29E-02	5.42E-05
1231	401555	4517760	5.60E-08	1.06E-08	1.90E-04	2.07E-02	4.35E-05
1232	401645	4517752	4.87E-08	9.25E-09	1.57E-04	1.71E-02	3.78E-05
1233	401735	4517766	4.07E-08	7.73E-09	1.35E-04	1.47E-02	3.16E-05
1234	401747	4517693	4.16E-08	7.91E-09	1.36E-04	1.49E-02	3.23E-05
1235	401657	4517681	4.98E-08	9.47E-09	1.57E-04	1.71E-02	3.87E-05
1236	401571	4517665	6.02E-08	1.14E-08	1.83E-04	2.00E-02	4.67E-05
1237	401564	4517716	5.87E-08	1.11E-08	1.86E-04	2.02E-02	4.55E-05
1238	401472	4517698	7.30E-08	1.39E-08	2.05E-04	2.23E-02	5.66E-05
1239	401376	4517684	9.84E-08	1.87E-08	2.59E-04	2.82E-02	7.64E-05
1240	401387	4517611	1.09E-07	2.07E-08	2.61E-04	2.84E-02	8.44E-05
1241	401482	4517630	7.83E-08	1.49E-08	2.07E-04	2.26E-02	6.08E-05
1242	401498	4517538	8.48E-08	1.61E-08	2.06E-04	2.24E-02	6.58E-05
1243	401587	4517555	6.58E-08	1.25E-08	1.62E-04	1.77E-02	5.11E-05
1244	401674	4517572	5.26E-08	1.00E-08	1.32E-04	1.44E-02	4.09E-05
1245	401766	4517585	4.21E-08	8.00E-09	1.09E-04	1.19E-02	3.27E-05
1246	401786	4517494	4.51E-08	8.57E-09	1.03E-04	1.12E-02	3.50E-05
1247	401691	4517479	5.63E-08	1.07E-08	1.24E-04	1.36E-02	4.37E-05
1248	401604	4517465	7.08E-08	1.35E-08	1.60E-04	1.74E-02	5.50E-05

Receptor	UTM East (m)	UTM North (m)	Cancer Risk 70 Year	Cancer Risk 9 Years (Child)	Acute Hazard Index		Chronic Hazard Index
					Cardiovascular	Respiratory	Respiratory
1249	401513	4517446	9.98E-08	1.90E-08	2.06E-04	2.25E-02	7.74E-05
1250	401416	4517431	1.57E-07	2.98E-08	2.87E-04	3.12E-02	1.22E-04
1251	401402	4517526	1.28E-07	2.43E-08	2.78E-04	3.03E-02	9.93E-05
1252	401315	4517508	2.07E-07	3.94E-08	4.04E-04	4.40E-02	1.61E-04
1253	401249	4517592	2.34E-07	4.44E-08	4.97E-04	5.41E-02	1.82E-04
1254	401072	4517561	1.20E-06	2.28E-07	1.41E-03	1.53E-01	9.33E-04
1255	400941	4517541	1.23E-06	2.34E-07	2.20E-03	2.39E-01	9.56E-04
1256	400506	4517134	7.35E-08	1.40E-08	8.45E-04	9.21E-02	5.71E-05
1257	399918	4516470	5.02E-09	9.55E-10	1.30E-04	1.42E-02	3.90E-06
1258	400371	4516812	2.44E-08	4.64E-09	4.10E-04	4.47E-02	1.90E-05
1259	400681	4516936	1.10E-07	2.08E-08	6.58E-04	7.17E-02	8.51E-05
1260	400842	4516966	7.69E-07	1.46E-07	8.66E-04	9.44E-02	5.97E-04
1261	400848	4517061	2.61E-06	4.95E-07	1.84E-03	2.00E-01	2.02E-03
1262	400933	4517074	1.04E-06	1.98E-07	1.03E-03	1.12E-01	8.09E-04
1263	400967	4517163	1.10E-06	2.10E-07	1.00E-03	1.09E-01	8.56E-04
1264	401066	4517276	7.14E-07	1.36E-07	8.76E-04	9.54E-02	5.54E-04
1265	401114	4517241	5.70E-07	1.08E-07	6.92E-04	7.54E-02	4.43E-04
1266	401170	4517272	4.53E-07	8.61E-08	5.42E-04	5.90E-02	3.52E-04
1267	401100	4517379	5.92E-07	1.12E-07	8.08E-04	8.80E-02	4.59E-04
1268	401089	4517466	6.89E-07	1.31E-07	9.93E-04	1.08E-01	5.35E-04
1269	401225	4517494	3.86E-07	7.33E-08	5.58E-04	6.08E-02	2.99E-04
1270	401240	4517402	3.63E-07	6.90E-08	4.79E-04	5.22E-02	2.82E-04
1271	401329	4517417	2.32E-07	4.41E-08	3.52E-04	3.84E-02	1.80E-04
1272	401347	4517322	2.36E-07	4.48E-08	3.58E-04	3.89E-02	1.83E-04
1273	401434	4517335	1.59E-07	3.02E-08	2.90E-04	3.16E-02	1.23E-04
1274	401529	4517354	1.13E-07	2.16E-08	2.14E-04	2.33E-02	8.80E-05
1275	401620	4517366	8.01E-08	1.52E-08	1.52E-04	1.66E-02	6.22E-05
1276	401708	4517386	6.19E-08	1.18E-08	1.20E-04	1.31E-02	4.80E-05
1277	401803	4517399	4.76E-08	9.04E-09	9.52E-05	1.04E-02	3.69E-05
1278	401820	4517307	4.98E-08	9.46E-09	1.04E-04	1.13E-02	3.87E-05
1279	401724	4517292	6.71E-08	1.28E-08	1.33E-04	1.45E-02	5.21E-05
1280	401634	4517279	8.74E-08	1.66E-08	1.57E-04	1.71E-02	6.79E-05
1281	401542	4517257	1.20E-07	2.28E-08	2.14E-04	2.33E-02	9.30E-05
1282	401447	4517246	1.70E-07	3.22E-08	2.73E-04	2.98E-02	1.32E-04
1283	401363	4517228	2.34E-07	4.44E-08	3.58E-04	3.90E-02	1.82E-04
1284	401273	4517213	3.15E-07	5.98E-08	4.27E-04	4.65E-02	2.44E-04
1285	401259	4517303	3.36E-07	6.38E-08	4.74E-04	5.16E-02	2.61E-04
1286	401180	4517199	4.38E-07	8.32E-08	5.60E-04	6.10E-02	3.40E-04
1287	401081	4517161	6.46E-07	1.23E-07	6.86E-04	7.47E-02	5.02E-04
1288	401025	4517058	6.95E-07	1.32E-07	6.58E-04	7.17E-02	5.40E-04
1289	401109	4517086	5.43E-07	1.03E-07	5.61E-04	6.11E-02	4.22E-04
1290	401114	4516975	4.71E-07	8.96E-08	4.62E-04	5.03E-02	3.66E-04
1291	401022	4516976	5.85E-07	1.11E-07	5.35E-04	5.83E-02	4.55E-04
1292	400923	4516978	8.59E-07	1.63E-07	7.56E-04	8.23E-02	6.67E-04
1293	400910	4516885	4.47E-07	8.49E-08	5.18E-04	5.64E-02	3.47E-04
1294	401019	4516881	4.51E-07	8.57E-08	4.29E-04	4.67E-02	3.50E-04
1295	401112	4516880	3.94E-07	7.49E-08	3.70E-04	4.03E-02	3.06E-04
1296	401112	4516788	3.12E-07	5.93E-08	3.05E-04	3.32E-02	2.42E-04

Receptor	UTM East (m)	UTM North (m)	Cancer Risk 70 Year	Cancer Risk 9 Years (Child)	Acute Hazard Index		Chronic Hazard Index
					Cardiovascular	Respiratory	Respiratory
1297	401018	4516790	3.07E-07	5.83E-08	3.35E-04	3.65E-02	2.38E-04
1298	400885	4516747	1.61E-07	3.06E-08	3.46E-04	3.77E-02	1.25E-04
1299	400668	4516754	5.44E-08	1.03E-08	3.70E-04	4.03E-02	4.23E-05
1300	400781	4516678	7.53E-08	1.43E-08	3.04E-04	3.31E-02	5.85E-05
1301	400765	4516600	5.70E-08	1.08E-08	2.61E-04	2.84E-02	4.43E-05
1302	400638	4516617	3.50E-08	6.65E-09	2.72E-04	2.97E-02	2.72E-05
1303	400614	4516525	2.71E-08	5.15E-09	2.25E-04	2.45E-02	2.10E-05
1304	400469	4516502	1.61E-08	3.06E-09	1.73E-04	1.89E-02	1.25E-05
1305	400267	4516507	1.28E-08	2.44E-09	1.85E-04	2.01E-02	9.95E-06
1306	400085	4516442	8.17E-09	1.55E-09	1.62E-04	1.77E-02	6.34E-06
1307	400024	4516250	7.07E-09	1.34E-09	1.22E-04	1.33E-02	5.49E-06
1308	400320	4516361	1.12E-08	2.13E-09	1.45E-04	1.58E-02	8.72E-06
1309	400463	4516359	1.32E-08	2.51E-09	1.49E-04	1.63E-02	1.03E-05
1310	400577	4516381	1.92E-08	3.65E-09	1.78E-04	1.94E-02	1.49E-05
1311	400602	4516292	2.08E-08	3.96E-09	1.70E-04	1.85E-02	1.62E-05
1312	400706	4516355	3.08E-08	5.85E-09	1.97E-04	2.15E-02	2.39E-05
1313	400735	4516475	3.89E-08	7.40E-09	2.24E-04	2.44E-02	3.02E-05
1314	400841	4516497	5.74E-08	1.09E-08	2.29E-04	2.49E-02	4.46E-05
1315	400842	4516613	8.07E-08	1.53E-08	2.75E-04	3.00E-02	6.26E-05
1316	400926	4516609	1.03E-07	1.95E-08	2.44E-04	2.65E-02	7.96E-05
1317	401013	4516607	1.34E-07	2.55E-08	2.25E-04	2.46E-02	1.04E-04
1318	401016	4516698	2.01E-07	3.82E-08	2.78E-04	3.03E-02	1.56E-04
1319	401110	4516697	2.24E-07	4.25E-08	2.54E-04	2.76E-02	1.74E-04
1320	401107	4516607	1.63E-07	3.10E-08	1.89E-04	2.06E-02	1.27E-04
1321	401105	4516491	1.07E-07	2.03E-08	1.44E-04	1.57E-02	8.28E-05
1322	401010	4516492	8.90E-08	1.69E-08	1.87E-04	2.03E-02	6.91E-05
1323	400924	4516495	7.07E-08	1.34E-08	2.02E-04	2.20E-02	5.49E-05
1324	400920	4516389	5.41E-08	1.03E-08	1.75E-04	1.91E-02	4.20E-05
1325	401007	4516386	6.63E-08	1.26E-08	1.63E-04	1.77E-02	5.15E-05
1326	401103	4516385	7.88E-08	1.50E-08	1.28E-04	1.39E-02	6.12E-05
1327	401102	4516310	6.55E-08	1.24E-08	1.12E-04	1.22E-02	5.08E-05
1328	401006	4516313	5.56E-08	1.06E-08	1.20E-04	1.30E-02	4.31E-05
1329	400919	4516316	4.66E-08	8.86E-09	1.62E-04	1.76E-02	3.62E-05
1330	400837	4516352	4.24E-08	8.06E-09	1.84E-04	2.00E-02	3.29E-05
1331	400906	4517195	1.66E-06	3.16E-07	1.47E-03	1.60E-01	1.29E-03
1332	400933	4517260	1.42E-06	2.70E-07	1.40E-03	1.52E-01	1.10E-03
1333	400945	4517341	1.52E-06	2.89E-07	1.51E-03	1.65E-01	1.18E-03
1334	400947	4517439	1.50E-06	2.85E-07	1.72E-03	1.88E-01	1.16E-03
1335	401833	4517213	5.62E-08	1.07E-08	1.06E-04	1.16E-02	4.36E-05
1336	401739	4517198	7.40E-08	1.41E-08	1.30E-04	1.41E-02	5.75E-05
1337	401651	4517184	9.46E-08	1.80E-08	1.53E-04	1.66E-02	7.35E-05
1338	401558	4517169	1.27E-07	2.41E-08	1.89E-04	2.06E-02	9.86E-05
1339	401467	4517149	1.69E-07	3.20E-08	2.37E-04	2.58E-02	1.31E-04
1340	401487	4517010	1.71E-07	3.25E-08	2.08E-04	2.27E-02	1.33E-04
1341	401586	4517020	1.32E-07	2.51E-08	1.76E-04	1.92E-02	1.02E-04
1342	401666	4517091	9.95E-08	1.89E-08	1.57E-04	1.71E-02	7.73E-05
1343	401757	4517106	7.69E-08	1.46E-08	1.27E-04	1.38E-02	5.97E-05
1344	401850	4517126	5.97E-08	1.13E-08	1.06E-04	1.16E-02	4.63E-05

Receptor	UTM East (m)	UTM North (m)	Cancer Risk 70 Year	Cancer Risk 9 Years (Child)	Acute Hazard Index		Chronic Hazard Index
					Cardiovascular	Respiratory	Respiratory
1345	401865	4517041	6.40E-08	1.22E-08	1.06E-04	1.15E-02	4.97E-05
1346	401777	4516974	8.44E-08	1.60E-08	1.23E-04	1.34E-02	6.56E-05
1347	401688	4516959	1.05E-07	2.00E-08	1.45E-04	1.57E-02	8.18E-05
1348	401609	4516874	1.29E-07	2.45E-08	1.58E-04	1.72E-02	1.00E-04
1349	401497	4516868	1.64E-07	3.11E-08	1.91E-04	2.09E-02	1.27E-04
1350	401553	4516790	1.48E-07	2.81E-08	1.83E-04	1.99E-02	1.15E-04
1351	401708	4516822	1.07E-07	2.03E-08	1.35E-04	1.47E-02	8.30E-05
1352	401802	4516835	8.76E-08	1.67E-08	1.17E-04	1.28E-02	6.80E-05
1353	401896	4516854	7.13E-08	1.36E-08	1.01E-04	1.10E-02	5.54E-05
1354	401882	4516946	6.73E-08	1.28E-08	1.01E-04	1.10E-02	5.23E-05
1355	401910	4516762	7.29E-08	1.39E-08	1.00E-04	1.09E-02	5.66E-05
1356	401817	4516745	8.51E-08	1.62E-08	1.09E-04	1.18E-02	6.61E-05
1357	401730	4516731	1.04E-07	1.97E-08	1.30E-04	1.42E-02	8.06E-05
1358	401560	4516735	1.44E-07	2.74E-08	1.87E-04	2.04E-02	1.12E-04
1359	401477	4516577	1.46E-07	2.78E-08	1.78E-04	1.94E-02	1.14E-04
1360	401498	4516638	1.55E-07	2.94E-08	1.81E-04	1.98E-02	1.20E-04
1361	401611	4516616	1.23E-07	2.33E-08	1.65E-04	1.80E-02	9.53E-05
1362	401745	4516636	1.00E-07	1.90E-08	1.37E-04	1.49E-02	7.77E-05
1363	401832	4516653	8.76E-08	1.67E-08	1.13E-04	1.24E-02	6.80E-05
1364	401925	4516670	7.23E-08	1.37E-08	9.38E-05	1.02E-02	5.61E-05
1365	401939	4516582	7.26E-08	1.38E-08	1.01E-04	1.10E-02	5.63E-05
1366	401851	4516562	8.52E-08	1.62E-08	1.21E-04	1.32E-02	6.62E-05
1367	401760	4516546	9.73E-08	1.85E-08	1.43E-04	1.56E-02	7.55E-05
1368	401670	4516531	1.07E-07	2.04E-08	1.52E-04	1.65E-02	8.34E-05
1369	401580	4516513	1.20E-07	2.29E-08	1.65E-04	1.80E-02	9.34E-05
1370	401483	4516501	1.30E-07	2.47E-08	1.71E-04	1.86E-02	1.01E-04
1371	401488	4516440	1.21E-07	2.30E-08	1.63E-04	1.77E-02	9.38E-05
1372	401596	4516426	1.09E-07	2.07E-08	1.59E-04	1.73E-02	8.45E-05
1373	401686	4516441	1.04E-07	1.97E-08	1.54E-04	1.68E-02	8.04E-05
1374	401775	4516458	9.29E-08	1.77E-08	1.37E-04	1.49E-02	7.21E-05
1375	401881	4516387	7.79E-08	1.48E-08	1.25E-04	1.36E-02	6.05E-05
1376	401956	4516492	7.07E-08	1.34E-08	1.09E-04	1.19E-02	5.49E-05
1377	401971	4516405	6.91E-08	1.31E-08	1.19E-04	1.29E-02	5.36E-05
1378	401987	4516301	6.69E-08	1.27E-08	1.14E-04	1.24E-02	5.20E-05
1379	401802	4516284	8.19E-08	1.56E-08	1.39E-04	1.51E-02	6.36E-05
1380	401790	4516363	8.57E-08	1.63E-08	1.40E-04	1.53E-02	6.65E-05
1381	401706	4516330	8.95E-08	1.70E-08	1.43E-04	1.56E-02	6.95E-05
1382	401615	4516323	9.70E-08	1.84E-08	1.42E-04	1.55E-02	7.53E-05
1383	401711	4516282	8.68E-08	1.65E-08	1.39E-04	1.52E-02	6.74E-05
1384	401520	4516319	1.00E-07	1.90E-08	1.47E-04	1.60E-02	7.77E-05
1385	401511	4516391	1.12E-07	2.12E-08	1.55E-04	1.69E-02	8.66E-05
1386	401444	4516342	1.02E-07	1.94E-08	1.50E-04	1.63E-02	7.91E-05
1387	401378	4517141	2.28E-07	4.33E-08	3.22E-04	3.51E-02	1.77E-04
1388	401288	4517127	2.98E-07	5.66E-08	3.86E-04	4.20E-02	2.31E-04
1389	401188	4517140	4.21E-07	8.00E-08	4.74E-04	5.17E-02	3.27E-04
1390	401203	4517076	4.01E-07	7.62E-08	4.29E-04	4.67E-02	3.11E-04
1391	401299	4517054	2.97E-07	5.64E-08	3.27E-04	3.56E-02	2.30E-04
1392	401388	4517052	2.21E-07	4.20E-08	2.60E-04	2.83E-02	1.71E-04

Receptor	UTM East (m)	UTM North (m)	Cancer Risk 70 Year	Cancer Risk 9 Years (Child)	Acute Hazard Index		Chronic Hazard Index
					Cardiovascular	Respiratory	Respiratory
1393	401388	4516964	2.19E-07	4.17E-08	2.39E-04	2.61E-02	1.70E-04
1394	401296	4516923	2.69E-07	5.11E-08	2.98E-04	3.24E-02	2.09E-04
1395	401205	4516970	3.65E-07	6.95E-08	3.86E-04	4.21E-02	2.84E-04
1396	401202	4516879	3.35E-07	6.37E-08	3.35E-04	3.65E-02	2.60E-04
1397	401201	4516788	2.80E-07	5.32E-08	2.91E-04	3.17E-02	2.17E-04
1398	401289	4516787	2.48E-07	4.72E-08	2.42E-04	2.64E-02	1.93E-04
1399	401384	4516783	2.09E-07	3.97E-08	2.17E-04	2.36E-02	1.62E-04
1400	401386	4516872	2.18E-07	4.14E-08	2.40E-04	2.62E-02	1.69E-04
1401	401384	4516693	1.89E-07	3.60E-08	2.08E-04	2.26E-02	1.47E-04
1402	401288	4516694	2.06E-07	3.91E-08	2.28E-04	2.48E-02	1.60E-04
1403	401199	4516696	2.26E-07	4.29E-08	2.31E-04	2.52E-02	1.75E-04
1404	401197	4516604	1.73E-07	3.29E-08	1.82E-04	1.98E-02	1.35E-04
1405	401287	4516602	1.75E-07	3.33E-08	2.00E-04	2.17E-02	1.36E-04
1406	401381	4516599	1.65E-07	3.14E-08	1.96E-04	2.14E-02	1.28E-04
1407	401381	4516485	1.36E-07	2.59E-08	1.73E-04	1.89E-02	1.06E-04
1408	401285	4516487	1.34E-07	2.54E-08	1.55E-04	1.68E-02	1.04E-04
1409	401195	4516491	1.27E-07	2.41E-08	1.45E-04	1.58E-02	9.83E-05
1410	401193	4516391	9.63E-08	1.83E-08	1.23E-04	1.34E-02	7.48E-05
1411	401283	4516390	1.08E-07	2.05E-08	1.25E-04	1.37E-02	8.39E-05
1412	401376	4516388	1.08E-07	2.06E-08	1.35E-04	1.47E-02	8.40E-05
1413	401375	4516311	9.47E-08	1.80E-08	1.25E-04	1.36E-02	7.36E-05
1414	401282	4516313	8.82E-08	1.68E-08	1.03E-04	1.13E-02	6.85E-05
1415	401192	4516315	7.75E-08	1.47E-08	1.07E-04	1.16E-02	6.02E-05
1416	401997	4516193	6.38E-08	1.21E-08	1.18E-04	1.28E-02	4.96E-05
1417	401901	4516196	7.05E-08	1.34E-08	1.28E-04	1.39E-02	5.48E-05
1418	401808	4516198	7.59E-08	1.44E-08	1.33E-04	1.45E-02	5.89E-05
1419	401715	4516203	7.94E-08	1.51E-08	1.32E-04	1.44E-02	6.17E-05
1420	401625	4516206	8.32E-08	1.58E-08	1.31E-04	1.43E-02	6.46E-05
1421	401528	4516210	8.38E-08	1.59E-08	1.31E-04	1.43E-02	6.51E-05
1422	401449	4516210	8.09E-08	1.54E-08	1.12E-04	1.22E-02	6.28E-05
1423	401449	4516106	6.66E-08	1.27E-08	8.98E-05	9.79E-03	5.17E-05
1424	401528	4516102	6.98E-08	1.33E-08	9.97E-05	1.09E-02	5.42E-05
1425	401625	4516102	7.13E-08	1.36E-08	1.24E-04	1.35E-02	5.54E-05
1426	401714	4516102	7.23E-08	1.37E-08	1.20E-04	1.31E-02	5.61E-05
1427	401806	4516101	6.98E-08	1.33E-08	1.22E-04	1.33E-02	5.42E-05
1428	401900	4516098	6.49E-08	1.23E-08	1.22E-04	1.33E-02	5.04E-05
1429	401995	4516096	6.13E-08	1.17E-08	1.18E-04	1.29E-02	4.76E-05
1430	401994	4515994	5.66E-08	1.08E-08	1.13E-04	1.23E-02	4.39E-05
1431	401899	4515997	6.00E-08	1.14E-08	1.17E-04	1.28E-02	4.66E-05
1432	401805	4515999	6.31E-08	1.20E-08	1.16E-04	1.26E-02	4.90E-05
1433	401712	4516002	6.29E-08	1.20E-08	1.14E-04	1.24E-02	4.88E-05
1434	401623	4516002	6.10E-08	1.16E-08	1.01E-04	1.10E-02	4.74E-05
1435	401499	4516012	5.83E-08	1.11E-08	7.55E-05	8.23E-03	4.52E-05
1436	401496	4515909	4.84E-08	9.19E-09	6.38E-05	6.95E-03	3.76E-05
1437	401619	4515901	5.31E-08	1.01E-08	8.40E-05	9.15E-03	4.13E-05
1438	401710	4515900	5.53E-08	1.05E-08	1.03E-04	1.12E-02	4.29E-05
1439	401804	4515899	5.55E-08	1.05E-08	1.06E-04	1.15E-02	4.31E-05
1440	401898	4515899	5.56E-08	1.06E-08	1.08E-04	1.18E-02	4.32E-05

Receptor	UTM East (m)	UTM North (m)	Cancer Risk 70 Year	Cancer Risk 9 Years (Child)	Acute Hazard Index		Chronic Hazard Index
					Cardiovascular	Respiratory	Respiratory
1441	401992	4515898	5.34E-08	1.02E-08	1.09E-04	1.19E-02	4.15E-05
1442	401988	4515800	5.00E-08	9.51E-09	1.05E-04	1.15E-02	3.89E-05
1443	401893	4515803	4.93E-08	9.37E-09	9.83E-05	1.07E-02	3.83E-05
1444	401801	4515804	4.99E-08	9.48E-09	1.00E-04	1.09E-02	3.87E-05
1445	401707	4515806	4.90E-08	9.31E-09	8.86E-05	9.65E-03	3.80E-05
1446	401617	4515810	4.66E-08	8.85E-09	7.39E-05	8.05E-03	3.62E-05
1447	401493	4515810	4.14E-08	7.87E-09	6.24E-05	6.80E-03	3.21E-05
1448	401493	4515718	3.59E-08	6.83E-09	5.51E-05	6.00E-03	2.79E-05
1449	401616	4515716	3.92E-08	7.46E-09	5.49E-05	5.98E-03	3.05E-05
1450	401706	4515715	4.32E-08	8.21E-09	7.39E-05	8.06E-03	3.35E-05
1451	401799	4515711	4.43E-08	8.42E-09	8.71E-05	9.48E-03	3.44E-05
1452	401891	4515710	4.53E-08	8.61E-09	9.45E-05	1.03E-02	3.52E-05
1453	401986	4515707	4.55E-08	8.65E-09	9.70E-05	1.06E-02	3.53E-05
1454	401983	4515571	4.00E-08	7.61E-09	8.71E-05	9.49E-03	3.11E-05
1455	401891	4515573	3.92E-08	7.45E-09	8.01E-05	8.73E-03	3.04E-05
1456	401799	4515620	3.94E-08	7.49E-09	7.85E-05	8.55E-03	3.06E-05
1457	401704	4515621	3.73E-08	7.10E-09	5.60E-05	6.10E-03	2.90E-05
1458	401614	4515622	3.45E-08	6.57E-09	5.17E-05	5.63E-03	2.68E-05
1459	401492	4515626	3.19E-08	6.07E-09	5.37E-05	5.85E-03	2.48E-05
1460	401490	4515514	2.66E-08	5.06E-09	4.53E-05	4.93E-03	2.07E-05
1461	401612	4515511	3.13E-08	5.94E-09	5.05E-05	5.50E-03	2.43E-05
1462	401703	4515510	3.23E-08	6.14E-09	4.84E-05	5.27E-03	2.51E-05
1463	401799	4515509	3.48E-08	6.62E-09	6.11E-05	6.65E-03	2.71E-05
1464	401886	4515437	3.37E-08	6.41E-09	7.11E-05	7.75E-03	2.62E-05
1465	401982	4515435	3.50E-08	6.65E-09	7.43E-05	8.09E-03	2.72E-05
1466	401980	4515341	3.11E-08	5.90E-09	7.05E-05	7.68E-03	2.41E-05
1467	401885	4515345	3.04E-08	5.78E-09	5.62E-05	6.12E-03	2.36E-05
1468	401795	4515373	2.88E-08	5.47E-09	4.39E-05	4.79E-03	2.23E-05
1469	401697	4515374	2.78E-08	5.29E-09	4.60E-05	5.02E-03	2.16E-05
1470	401526	4515375	2.32E-08	4.41E-09	4.10E-05	4.47E-03	1.80E-05
1471	401443	4515238	1.83E-08	3.47E-09	3.87E-05	4.21E-03	1.42E-05
1472	401524	4515241	2.03E-08	3.87E-09	3.75E-05	4.09E-03	1.58E-05
1473	401601	4515237	2.14E-08	4.06E-09	3.67E-05	4.00E-03	1.66E-05
1474	401693	4515236	2.36E-08	4.49E-09	3.88E-05	4.22E-03	1.83E-05
1475	401790	4515235	2.50E-08	4.76E-09	4.18E-05	4.55E-03	1.94E-05
1476	401883	4515252	2.72E-08	5.17E-09	4.60E-05	5.01E-03	2.11E-05
1477	401979	4515251	2.92E-08	5.55E-09	6.12E-05	6.66E-03	2.27E-05
1478	401977	4515158	2.60E-08	4.94E-09	5.11E-05	5.57E-03	2.02E-05
1479	401880	4515161	2.42E-08	4.61E-09	3.90E-05	4.24E-03	1.88E-05
1480	401789	4515104	2.23E-08	4.24E-09	3.56E-05	3.88E-03	1.73E-05
1481	401693	4515107	2.04E-08	3.88E-09	3.36E-05	3.66E-03	1.58E-05
1482	401602	4515111	1.87E-08	3.55E-09	3.44E-05	3.75E-03	1.45E-05
1483	401517	4515091	1.70E-08	3.24E-09	3.46E-05	3.77E-03	1.32E-05
1484	401434	4515111	1.53E-08	2.91E-09	3.66E-05	3.99E-03	1.19E-05
1485	401880	4515077	2.18E-08	4.14E-09	3.69E-05	4.02E-03	1.69E-05
1486	401976	4515076	2.36E-08	4.48E-09	4.18E-05	4.55E-03	1.83E-05
1487	401367	4515628	2.79E-08	5.30E-09	5.00E-05	5.45E-03	2.16E-05
1488	401274	4515629	2.45E-08	4.66E-09	5.35E-05	5.82E-03	1.90E-05

Receptor	UTM East (m)	UTM North (m)	Cancer Risk 70 Year	Cancer Risk 9 Years (Child)	Acute Hazard Index		Chronic Hazard Index
					Cardiovascular	Respiratory	Respiratory
1489	401181	4515632	2.18E-08	4.15E-09	5.71E-05	6.22E-03	1.69E-05
1490	401000	4515470	1.58E-08	3.01E-09	5.34E-05	5.82E-03	1.23E-05
1491	401005	4515601	1.87E-08	3.55E-09	5.92E-05	6.44E-03	1.45E-05
1492	400890	4515596	1.60E-08	3.04E-09	6.32E-05	6.88E-03	1.24E-05
1493	401181	4515518	1.90E-08	3.62E-09	5.23E-05	5.70E-03	1.48E-05
1494	401273	4515517	2.14E-08	4.07E-09	5.08E-05	5.53E-03	1.66E-05
1495	401365	4515517	2.29E-08	4.35E-09	4.70E-05	5.12E-03	1.78E-05
1496	401360	4515378	1.96E-08	3.73E-09	4.40E-05	4.79E-03	1.52E-05
1497	401267	4515379	1.84E-08	3.49E-09	4.67E-05	5.09E-03	1.43E-05
1498	401175	4515380	1.61E-08	3.06E-09	4.75E-05	5.18E-03	1.25E-05
1499	401171	4515247	1.45E-08	2.76E-09	4.42E-05	4.82E-03	1.13E-05
1500	401265	4515242	1.61E-08	3.06E-09	4.29E-05	4.67E-03	1.25E-05
1501	401356	4515240	1.69E-08	3.22E-09	4.05E-05	4.41E-03	1.31E-05
1502	401352	4515113	1.49E-08	2.84E-09	3.88E-05	4.23E-03	1.16E-05
1503	401265	4515114	1.37E-08	2.60E-09	3.99E-05	4.35E-03	1.06E-05
1504	401171	4515115	1.29E-08	2.46E-09	4.14E-05	4.51E-03	1.00E-05
1505	400551	4516269	1.79E-08	3.40E-09	1.55E-04	1.69E-02	1.39E-05
1506	400459	4516238	1.15E-08	2.18E-09	1.28E-04	1.40E-02	8.91E-06
1507	400221	4516244	9.30E-09	1.77E-09	1.23E-04	1.34E-02	7.22E-06
1508	400268	4516103	8.10E-09	1.54E-09	1.05E-04	1.14E-02	6.29E-06
1509	400037	4515486	4.55E-09	8.65E-10	6.34E-05	6.91E-03	3.54E-06
1510	400365	4515613	7.46E-09	1.42E-09	8.06E-05	8.78E-03	5.79E-06
1511	400535	4515861	1.02E-08	1.95E-09	8.58E-05	9.35E-03	7.96E-06
1512	400518	4515607	8.53E-09	1.62E-09	6.65E-05	7.25E-03	6.62E-06
1513	400635	4515603	1.02E-08	1.93E-09	6.68E-05	7.28E-03	7.89E-06
1514	400706	4515602	1.18E-08	2.24E-09	6.69E-05	7.29E-03	9.15E-06
1515	400753	4515602	1.25E-08	2.37E-09	6.68E-05	7.28E-03	9.69E-06
1516	400821	4515600	1.44E-08	2.75E-09	6.65E-05	7.24E-03	1.12E-05
1517	400820	4515465	1.25E-08	2.38E-09	5.97E-05	6.50E-03	9.73E-06
1518	400728	4515467	1.08E-08	2.05E-09	5.98E-05	6.51E-03	8.39E-06
1519	400633	4515470	9.13E-09	1.73E-09	6.01E-05	6.54E-03	7.09E-06
1520	400544	4515471	8.39E-09	1.60E-09	5.99E-05	6.52E-03	6.52E-06
1521	400471	4515545	6.98E-09	1.33E-09	6.51E-05	7.10E-03	5.42E-06
1522	400341	4515321	5.54E-09	1.05E-09	5.46E-05	5.95E-03	4.30E-06
1523	400547	4515353	7.68E-09	1.46E-09	5.47E-05	5.96E-03	5.97E-06
1524	400772	4515378	1.07E-08	2.04E-09	5.58E-05	6.08E-03	8.32E-06
1525	400816	4515289	1.07E-08	2.03E-09	5.20E-05	5.66E-03	8.31E-06
1526	400725	4515290	9.53E-09	1.81E-09	5.25E-05	5.72E-03	7.40E-06
1527	400541	4515205	6.90E-09	1.31E-09	4.93E-05	5.37E-03	5.36E-06
1528	400338	4515097	4.76E-09	9.05E-10	4.75E-05	5.17E-03	3.70E-06
1529	400243	4515150	4.43E-09	8.42E-10	4.85E-05	5.28E-03	3.44E-06
1530	400169	4515197	4.17E-09	7.92E-10	4.94E-05	5.38E-03	3.24E-06
1531	399617	4515182	3.58E-09	6.80E-10	5.25E-05	5.72E-03	2.78E-06
1532	399579	4514895	3.45E-09	6.55E-10	4.77E-05	5.19E-03	2.68E-06
1533	399310	4514918	2.71E-09	5.14E-10	4.44E-05	4.84E-03	2.10E-06
1534	400722	4515104	8.32E-09	1.58E-09	4.63E-05	5.05E-03	6.46E-06
1535	400813	4515149	9.26E-09	1.76E-09	4.73E-05	5.16E-03	7.19E-06
1536	400724	4515193	8.84E-09	1.68E-09	4.91E-05	5.35E-03	6.86E-06

Receptor	UTM East (m)	UTM North (m)	Cancer Risk 70 Year	Cancer Risk 9 Years (Child)	Acute Hazard Index		Chronic Hazard Index
					Cardiovascular	Respiratory	Respiratory
1537	400903	4515194	1.12E-08	2.13E-09	4.73E-05	5.15E-03	8.68E-06
1538	400994	4515192	1.22E-08	2.31E-09	4.41E-05	4.81E-03	9.46E-06
1539	401085	4515281	1.47E-08	2.80E-09	4.63E-05	5.05E-03	1.14E-05
1540	401084	4515147	1.29E-08	2.45E-09	4.25E-05	4.63E-03	9.99E-06
1541	398999	4514887	1.71E-09	3.24E-10	3.66E-05	3.99E-03	1.32E-06
1542	400837	4516230	3.23E-08	6.14E-09	1.58E-04	1.72E-02	2.51E-05
1543	400744	4516232	2.87E-08	5.45E-09	1.67E-04	1.82E-02	2.23E-05
1544	400654	4516233	2.25E-08	4.28E-09	1.62E-04	1.76E-02	1.75E-05
1545	400581	4516202	1.80E-08	3.41E-09	1.51E-04	1.65E-02	1.39E-05
1546	400543	4516032	1.36E-08	2.58E-09	1.26E-04	1.37E-02	1.05E-05
1547	400652	4516139	1.98E-08	3.76E-09	1.46E-04	1.59E-02	1.53E-05
1548	400743	4516137	2.25E-08	4.28E-09	1.24E-04	1.35E-02	1.75E-05
1549	400833	4516134	2.75E-08	5.22E-09	1.08E-04	1.18E-02	2.13E-05
1550	400831	4516042	2.39E-08	4.54E-09	9.29E-05	1.01E-02	1.86E-05
1551	400740	4516045	1.97E-08	3.75E-09	1.04E-04	1.13E-02	1.53E-05
1552	400651	4516047	1.74E-08	3.31E-09	1.34E-04	1.46E-02	1.35E-05
1553	400628	4515896	1.29E-08	2.45E-09	8.78E-05	9.56E-03	1.00E-05
1554	400546	4515722	9.84E-09	1.87E-09	7.37E-05	8.03E-03	7.64E-06
1555	400735	4515843	1.55E-08	2.94E-09	8.37E-05	9.12E-03	1.20E-05
1556	400827	4515841	1.83E-08	3.49E-09	7.49E-05	8.16E-03	1.42E-05
1557	401376	4516218	7.88E-08	1.50E-08	9.82E-05	1.07E-02	6.12E-05
1558	401283	4516220	7.27E-08	1.38E-08	9.60E-05	1.05E-02	5.65E-05
1559	401191	4516222	6.12E-08	1.16E-08	9.88E-05	1.08E-02	4.75E-05
1560	401100	4516225	5.02E-08	9.54E-09	9.89E-05	1.08E-02	3.90E-05
1561	401004	4516227	4.42E-08	8.39E-09	1.07E-04	1.17E-02	3.43E-05
1562	400918	4516229	3.71E-08	7.05E-09	1.11E-04	1.21E-02	2.88E-05
1563	400915	4516133	3.13E-08	5.94E-09	9.89E-05	1.08E-02	2.43E-05
1564	401001	4516131	3.58E-08	6.80E-09	9.51E-05	1.04E-02	2.78E-05
1565	401098	4516128	4.25E-08	8.07E-09	9.12E-05	9.93E-03	3.30E-05
1566	401189	4516127	5.05E-08	9.59E-09	8.42E-05	9.17E-03	3.92E-05
1567	401282	4516125	5.64E-08	1.07E-08	8.37E-05	9.12E-03	4.38E-05
1568	401377	4516122	6.40E-08	1.22E-08	8.09E-05	8.81E-03	4.97E-05
1569	401373	4516031	5.34E-08	1.01E-08	7.78E-05	8.48E-03	4.14E-05
1570	401279	4516033	4.78E-08	9.08E-09	7.82E-05	8.52E-03	3.71E-05
1571	401187	4516034	4.12E-08	7.83E-09	7.79E-05	8.48E-03	3.20E-05
1572	401097	4516035	3.60E-08	6.85E-09	8.37E-05	9.12E-03	2.80E-05
1573	400999	4516037	3.11E-08	5.92E-09	8.70E-05	9.48E-03	2.42E-05
1574	400912	4516039	2.76E-08	5.24E-09	9.05E-05	9.86E-03	2.14E-05
1575	400961	4515837	2.26E-08	4.29E-09	7.30E-05	7.95E-03	1.75E-05
1576	401093	4515835	2.57E-08	4.89E-09	6.89E-05	7.50E-03	2.00E-05
1577	401185	4515928	3.35E-08	6.37E-09	7.02E-05	7.65E-03	2.60E-05
1578	401277	4515925	3.87E-08	7.36E-09	6.60E-05	7.18E-03	3.01E-05
1579	401372	4515923	4.53E-08	8.60E-09	6.76E-05	7.36E-03	3.51E-05
1580	401369	4515812	3.58E-08	6.81E-09	5.83E-05	6.35E-03	2.78E-05
1581	401276	4515815	3.18E-08	6.05E-09	6.02E-05	6.56E-03	2.47E-05
1582	401182	4515817	2.87E-08	5.46E-09	6.56E-05	7.14E-03	2.23E-05
1583	401180	4515721	2.49E-08	4.73E-09	6.14E-05	6.69E-03	1.93E-05
1584	401275	4515721	2.79E-08	5.29E-09	5.74E-05	6.26E-03	2.16E-05

Receptor	UTM East (m)	UTM North (m)	Cancer Risk 70 Year	Cancer Risk 9 Years (Child)	Acute Hazard Index		Chronic Hazard Index
					Cardiovascular	Respiratory	Respiratory
1585	401368	4515721	3.15E-08	6.00E-09	5.42E-05	5.91E-03	2.45E-05
1586	399734	4514753	2.95E-09	5.60E-10	2.61E-05	2.84E-03	2.29E-06
1587	400103	4514904	3.51E-09	6.68E-10	4.17E-05	4.55E-03	2.73E-06
1588	400009	4514897	3.37E-09	6.41E-10	4.11E-05	4.47E-03	2.62E-06
1589	399923	4514831	3.03E-09	5.75E-10	3.32E-05	3.62E-03	2.35E-06
1590	400079	4514618	3.15E-09	5.99E-10	3.64E-05	3.96E-03	2.45E-06
1591	400124	4514444	3.07E-09	5.84E-10	3.37E-05	3.67E-03	2.39E-06
1592	400034	4514448	2.89E-09	5.49E-10	3.36E-05	3.66E-03	2.24E-06
1593	399947	4514449	2.61E-09	4.96E-10	3.34E-05	3.64E-03	2.03E-06
1594	399865	4514450	2.71E-09	5.15E-10	3.31E-05	3.61E-03	2.10E-06
1595	399687	4514453	2.89E-09	5.49E-10	3.40E-05	3.70E-03	2.24E-06
1596	399994	4514315	2.71E-09	5.15E-10	3.17E-05	3.46E-03	2.11E-06
1597	400373	4514949	4.56E-09	8.67E-10	4.37E-05	4.76E-03	3.54E-06
1598	400284	4514992	4.41E-09	8.38E-10	4.46E-05	4.85E-03	3.42E-06
1599	400195	4514940	3.87E-09	7.36E-10	4.30E-05	4.68E-03	3.00E-06
1600	400304	4514784	4.19E-09	7.96E-10	3.98E-05	4.33E-03	3.25E-06
1601	400379	4514700	4.43E-09	8.42E-10	3.64E-05	3.97E-03	3.44E-06
1602	400265	4514700	3.71E-09	7.05E-10	3.81E-05	4.15E-03	2.88E-06
1603	400206	4514641	3.42E-09	6.50E-10	3.71E-05	4.04E-03	2.66E-06
1604	400297	4514594	3.64E-09	6.91E-10	3.63E-05	3.96E-03	2.82E-06
1605	400379	4514596	4.37E-09	8.31E-10	3.46E-05	3.77E-03	3.40E-06
1606	400376	4514442	4.01E-09	7.62E-10	3.21E-05	3.50E-03	3.11E-06
1607	400293	4514442	3.54E-09	6.73E-10	3.38E-05	3.68E-03	2.75E-06
1608	400212	4514443	3.29E-09	6.25E-10	3.38E-05	3.68E-03	2.55E-06
1609	400292	4514308	3.50E-09	6.66E-10	3.01E-05	3.27E-03	2.72E-06
1610	400843	4515010	8.90E-09	1.69E-09	4.38E-05	4.77E-03	6.91E-06
1611	400760	4515012	7.91E-09	1.50E-09	4.37E-05	4.76E-03	6.14E-06
1612	400630	4515015	6.72E-09	1.28E-09	4.39E-05	4.78E-03	5.22E-06
1613	400479	4514991	5.71E-09	1.08E-09	4.31E-05	4.70E-03	4.43E-06
1614	400580	4514894	6.00E-09	1.14E-09	4.09E-05	4.45E-03	4.66E-06
1615	400672	4514893	6.76E-09	1.28E-09	4.08E-05	4.44E-03	5.25E-06
1616	400750	4514711	6.57E-09	1.25E-09	3.68E-05	4.01E-03	5.10E-06
1617	400841	4514920	8.44E-09	1.60E-09	4.16E-05	4.53E-03	6.55E-06
1618	400836	4514709	7.39E-09	1.40E-09	3.67E-05	4.00E-03	5.74E-06
1619	400807	4514443	6.04E-09	1.15E-09	3.22E-05	3.50E-03	4.69E-06
1620	400745	4514438	5.62E-09	1.07E-09	3.21E-05	3.49E-03	4.37E-06
1621	400699	4514431	5.41E-09	1.03E-09	3.20E-05	3.48E-03	4.20E-06
1622	400564	4514575	5.01E-09	9.53E-10	3.42E-05	3.73E-03	3.89E-06
1623	400473	4514779	5.08E-09	9.66E-10	3.81E-05	4.15E-03	3.94E-06
1624	400474	4514868	5.33E-09	1.01E-09	4.01E-05	4.37E-03	4.14E-06
1625	400619	4514777	5.77E-09	1.10E-09	3.81E-05	4.15E-03	4.48E-06
1626	401691	4514958	1.71E-08	3.24E-09	3.08E-05	3.35E-03	1.32E-05
1627	401566	4514479	1.04E-08	1.97E-09	2.76E-05	3.01E-03	8.07E-06
1628	401198	4514970	1.18E-08	2.25E-09	3.81E-05	4.15E-03	9.17E-06
1629	401108	4514923	1.11E-08	2.11E-09	3.73E-05	4.06E-03	8.62E-06
1630	401016	4514924	1.02E-08	1.94E-09	3.76E-05	4.09E-03	7.93E-06
1631	400930	4515008	9.78E-09	1.86E-09	4.21E-05	4.58E-03	7.60E-06
1632	400928	4514916	9.23E-09	1.76E-09	3.99E-05	4.35E-03	7.17E-06

Receptor	UTM East (m)	UTM North (m)	Cancer Risk 70 Year	Cancer Risk 9 Years (Child)	Acute Hazard Index		Chronic Hazard Index
					Cardiovascular	Respiratory	Respiratory
1633	400927	4514731	8.31E-09	1.58E-09	3.62E-05	3.94E-03	6.45E-06
1634	401012	4514707	8.83E-09	1.68E-09	3.35E-05	3.65E-03	6.86E-06
1635	401101	4514707	9.46E-09	1.80E-09	3.34E-05	3.63E-03	7.35E-06
1636	401275	4514509	9.12E-09	1.73E-09	3.05E-05	3.33E-03	7.08E-06
1637	401098	4514526	8.55E-09	1.63E-09	3.07E-05	3.34E-03	6.64E-06
1638	401029	4514530	8.17E-09	1.55E-09	3.08E-05	3.35E-03	6.34E-06
1639	400996	4514378	7.28E-09	1.38E-09	3.29E-05	3.59E-03	5.65E-06
1640	401973	4514986	2.10E-08	3.98E-09	3.54E-05	3.86E-03	1.63E-05
1641	401877	4514988	2.07E-08	3.94E-09	3.71E-05	4.04E-03	1.61E-05
1642	401785	4514956	1.85E-08	3.52E-09	3.02E-05	3.29E-03	1.44E-05
1643	401873	4514888	1.89E-08	3.59E-09	3.18E-05	3.47E-03	1.47E-05
1644	401969	4514885	1.94E-08	3.69E-09	3.47E-05	3.78E-03	1.51E-05
1645	401964	4514694	1.70E-08	3.23E-09	2.89E-05	3.15E-03	1.32E-05
1646	401871	4514698	1.53E-08	2.91E-09	2.64E-05	2.88E-03	1.19E-05
1647	401780	4514691	1.44E-08	2.74E-09	2.69E-05	2.93E-03	1.12E-05
1648	400925	4514258	6.37E-09	1.21E-09	2.77E-05	3.02E-03	4.94E-06
1649	400778	4514288	5.37E-09	1.02E-09	3.02E-05	3.29E-03	4.17E-06
1650	403474	4517888	7.51E-09	1.43E-09	3.02E-05	3.29E-03	5.83E-06
1651	403060	4518159	8.85E-09	1.68E-09	3.06E-05	3.34E-03	6.87E-06
1652	402735	4518110	1.09E-08	2.08E-09	3.40E-05	3.70E-03	8.49E-06
1653	402845	4518068	1.05E-08	2.00E-09	3.82E-05	4.16E-03	8.15E-06
1654	402846	4518027	1.07E-08	2.04E-09	4.26E-05	4.64E-03	8.33E-06
1655	403098	4517995	9.29E-09	1.77E-09	4.16E-05	4.53E-03	7.21E-06
1656	403305	4517936	8.28E-09	1.57E-09	3.67E-05	4.00E-03	6.43E-06
1657	403206	4517938	8.79E-09	1.67E-09	3.92E-05	4.27E-03	6.82E-06
1658	403114	4517936	9.31E-09	1.77E-09	4.15E-05	4.52E-03	7.23E-06
1659	403022	4517940	9.73E-09	1.85E-09	4.40E-05	4.79E-03	7.55E-06
1660	402931	4517944	1.02E-08	1.94E-09	4.59E-05	5.00E-03	7.94E-06
1661	402842	4517931	1.09E-08	2.07E-09	4.84E-05	5.27E-03	8.46E-06
1662	402747	4517943	1.13E-08	2.15E-09	5.01E-05	5.46E-03	8.80E-06
1663	402581	4517909	1.35E-08	2.56E-09	5.60E-05	6.10E-03	1.05E-05
1664	402561	4517853	1.37E-08	2.61E-09	5.79E-05	6.31E-03	1.07E-05
1665	402651	4517853	1.32E-08	2.51E-09	5.43E-05	5.91E-03	1.03E-05
1666	402747	4517851	1.19E-08	2.27E-09	5.04E-05	5.49E-03	9.28E-06
1667	402839	4517850	1.12E-08	2.12E-09	4.67E-05	5.09E-03	8.68E-06
1668	402928	4517849	1.06E-08	2.01E-09	4.34E-05	4.73E-03	8.19E-06
1669	403019	4517847	9.94E-09	1.89E-09	4.04E-05	4.40E-03	7.72E-06
1670	403110	4517846	9.29E-09	1.77E-09	3.66E-05	3.99E-03	7.21E-06
1671	403204	4517845	8.85E-09	1.68E-09	3.39E-05	3.70E-03	6.87E-06
1672	403301	4517845	8.31E-09	1.58E-09	3.13E-05	3.41E-03	6.45E-06
1673	403202	4517756	8.84E-09	1.68E-09	2.71E-05	2.95E-03	6.87E-06
1674	403109	4517757	9.46E-09	1.80E-09	3.23E-05	3.51E-03	7.34E-06
1675	402974	4517762	1.04E-08	1.98E-09	3.64E-05	3.97E-03	8.10E-06
1676	402837	4517763	1.15E-08	2.18E-09	4.11E-05	4.48E-03	8.92E-06
1677	402745	4517765	1.25E-08	2.38E-09	4.48E-05	4.89E-03	9.72E-06
1678	402651	4517761	1.36E-08	2.59E-09	4.23E-05	4.60E-03	1.06E-05
1679	402560	4517763	1.46E-08	2.77E-09	4.10E-05	4.47E-03	1.13E-05
1680	402471	4517767	1.57E-08	2.98E-09	4.43E-05	4.82E-03	1.22E-05

Receptor	UTM East (m)	UTM North (m)	Cancer Risk 70 Year	Cancer Risk 9 Years (Child)	Acute Hazard Index		Chronic Hazard Index
					Cardiovascular	Respiratory	Respiratory
1681	402382	4517841	1.64E-08	3.11E-09	6.59E-05	7.18E-03	1.27E-05
1682	402158	4517821	2.17E-08	4.12E-09	7.86E-05	8.56E-03	1.68E-05
1683	402025	4517805	2.54E-08	4.83E-09	9.36E-05	1.02E-02	1.97E-05
1684	401932	4517791	2.94E-08	5.59E-09	1.04E-04	1.13E-02	2.29E-05
1685	401831	4517789	3.35E-08	6.36E-09	1.17E-04	1.28E-02	2.60E-05
1686	401849	4517689	3.49E-08	6.64E-09	9.65E-05	1.05E-02	2.71E-05
1687	401945	4517709	3.00E-08	5.71E-09	8.32E-05	9.06E-03	2.33E-05
1688	402036	4517723	2.57E-08	4.89E-09	7.37E-05	8.02E-03	2.00E-05
1689	402127	4517735	2.28E-08	4.34E-09	8.08E-05	8.80E-03	1.77E-05
1690	402221	4517752	2.04E-08	3.88E-09	7.38E-05	8.04E-03	1.59E-05
1691	402238	4517665	2.08E-08	3.95E-09	5.64E-05	6.15E-03	1.61E-05
1692	402327	4517684	1.90E-08	3.62E-09	5.13E-05	5.59E-03	1.48E-05
1693	402420	4517689	1.73E-08	3.30E-09	4.68E-05	5.10E-03	1.35E-05
1694	402499	4517680	1.56E-08	2.97E-09	4.33E-05	4.72E-03	1.21E-05
1695	402496	4517717	1.59E-08	3.03E-09	4.35E-05	4.74E-03	1.24E-05
1696	402560	4517716	1.47E-08	2.79E-09	4.09E-05	4.46E-03	1.14E-05
1697	402569	4517672	1.48E-08	2.81E-09	4.08E-05	4.44E-03	1.15E-05
1698	402653	4517688	1.37E-08	2.60E-09	3.80E-05	4.14E-03	1.06E-05
1699	402746	4517684	1.24E-08	2.36E-09	3.53E-05	3.85E-03	9.63E-06
1700	402837	4517679	1.17E-08	2.23E-09	3.58E-05	3.90E-03	9.11E-06
1701	402926	4517676	1.11E-08	2.11E-09	3.31E-05	3.61E-03	8.61E-06
1702	403017	4517675	1.05E-08	2.00E-09	3.09E-05	3.36E-03	8.18E-06
1703	403298	4517687	8.31E-09	1.58E-09	2.11E-05	2.30E-03	6.45E-06
1704	402712	4517450	1.32E-08	2.50E-09	2.83E-05	3.08E-03	1.02E-05
1705	402664	4517522	1.37E-08	2.61E-09	3.19E-05	3.47E-03	1.06E-05
1706	402540	4517618	1.55E-08	2.95E-09	3.87E-05	4.21E-03	1.20E-05
1707	402586	4517645	1.42E-08	2.70E-09	3.86E-05	4.21E-03	1.10E-05
1708	402647	4517641	1.39E-08	2.64E-09	3.67E-05	4.00E-03	1.08E-05
1709	402538	4517521	1.53E-08	2.91E-09	3.56E-05	3.87E-03	1.19E-05
1710	402449	4517507	1.67E-08	3.18E-09	3.86E-05	4.21E-03	1.30E-05
1711	402431	4517601	1.70E-08	3.23E-09	4.27E-05	4.66E-03	1.32E-05
1712	402344	4517587	1.87E-08	3.56E-09	4.67E-05	5.08E-03	1.45E-05
1713	402252	4517573	2.13E-08	4.04E-09	5.15E-05	5.61E-03	1.65E-05
1714	402158	4517557	2.35E-08	4.46E-09	5.53E-05	6.02E-03	1.82E-05
1715	402143	4517645	2.39E-08	4.54E-09	6.04E-05	6.58E-03	1.86E-05
1716	402050	4517633	2.70E-08	5.14E-09	6.52E-05	7.11E-03	2.10E-05
1717	401960	4517619	3.13E-08	5.96E-09	7.41E-05	8.07E-03	2.43E-05
1718	401864	4517600	3.61E-08	6.87E-09	8.62E-05	9.39E-03	2.81E-05
1719	401884	4517511	3.67E-08	6.98E-09	8.44E-05	9.20E-03	2.85E-05
1720	401977	4517527	3.10E-08	5.89E-09	6.82E-05	7.43E-03	2.41E-05
1721	402067	4517540	2.73E-08	5.19E-09	6.00E-05	6.54E-03	2.12E-05
1722	402084	4517445	2.78E-08	5.29E-09	5.82E-05	6.34E-03	2.16E-05
1723	402175	4517461	2.43E-08	4.63E-09	5.21E-05	5.67E-03	1.89E-05
1724	402267	4517479	2.13E-08	4.05E-09	4.34E-05	4.73E-03	1.66E-05
1725	402358	4517492	1.85E-08	3.52E-09	4.07E-05	4.44E-03	1.44E-05
1726	402376	4517398	1.91E-08	3.63E-09	4.09E-05	4.45E-03	1.48E-05
1727	402464	4517415	1.70E-08	3.24E-09	3.50E-05	3.81E-03	1.32E-05
1728	402552	4517430	1.55E-08	2.95E-09	2.98E-05	3.24E-03	1.20E-05

Receptor	UTM East (m)	UTM North (m)	Cancer Risk 70 Year	Cancer Risk 9 Years (Child)	Acute Hazard Index		Chronic Hazard Index
					Cardiovascular	Respiratory	Respiratory
1729	402284	4517385	2.14E-08	4.07E-09	4.37E-05	4.76E-03	1.66E-05
1730	402190	4517371	2.39E-08	4.54E-09	4.88E-05	5.32E-03	1.86E-05
1731	402098	4517354	2.74E-08	5.21E-09	5.80E-05	6.32E-03	2.13E-05
1732	402009	4517335	3.37E-08	6.41E-09	6.88E-05	7.50E-03	2.62E-05
1733	401995	4517429	3.19E-08	6.07E-09	6.61E-05	7.20E-03	2.48E-05
1734	401902	4517415	3.85E-08	7.32E-09	7.66E-05	8.35E-03	2.99E-05
1735	401916	4517321	4.04E-08	7.68E-09	7.91E-05	8.61E-03	3.14E-05
1736	403560	4518005	7.14E-09	1.36E-09	3.35E-05	3.65E-03	5.55E-06
1737	403386	4517449	8.04E-09	1.53E-09	1.79E-05	1.95E-03	6.25E-06
1738	402975	4517596	1.05E-08	1.99E-09	2.79E-05	3.03E-03	8.13E-06
1739	402836	4517583	1.18E-08	2.25E-09	3.09E-05	3.36E-03	9.20E-06
1740	402745	4517582	1.27E-08	2.41E-09	3.23E-05	3.51E-03	9.86E-06
1741	402670	4517607	1.37E-08	2.61E-09	3.45E-05	3.75E-03	1.07E-05
1742	402877	4517499	1.13E-08	2.15E-09	2.71E-05	2.95E-03	8.80E-06
1743	403041	4517364	1.01E-08	1.92E-09	1.93E-05	2.10E-03	7.84E-06
1744	403167	4517283	9.35E-09	1.78E-09	1.83E-05	1.99E-03	7.26E-06
1745	403124	4517194	1.02E-08	1.95E-09	2.01E-05	2.19E-03	7.96E-06
1746	403243	4517172	9.38E-09	1.78E-09	1.86E-05	2.03E-03	7.28E-06
1747	403127	4517034	1.16E-08	2.20E-09	2.74E-05	2.98E-03	8.97E-06
1748	402857	4516964	1.52E-08	2.88E-09	3.59E-05	3.91E-03	1.18E-05
1749	402879	4517233	1.22E-08	2.32E-09	2.41E-05	2.62E-03	9.49E-06
1750	403018	4516861	1.41E-08	2.68E-09	3.40E-05	3.71E-03	1.10E-05
1751	403109	4516878	1.26E-08	2.40E-09	3.16E-05	3.44E-03	9.79E-06
1752	402615	4517083	1.82E-08	3.45E-09	4.12E-05	4.49E-03	1.41E-05
1753	402568	4517335	1.57E-08	2.99E-09	3.26E-05	3.55E-03	1.22E-05
1754	402478	4517322	1.74E-08	3.30E-09	3.54E-05	3.85E-03	1.35E-05
1755	402390	4517308	1.93E-08	3.68E-09	4.09E-05	4.45E-03	1.50E-05
1756	402301	4517293	2.17E-08	4.12E-09	4.59E-05	5.00E-03	1.68E-05
1757	402314	4517203	2.35E-08	4.46E-09	4.92E-05	5.36E-03	1.82E-05
1758	402406	4517218	2.07E-08	3.93E-09	4.29E-05	4.67E-03	1.61E-05
1759	402495	4517235	1.82E-08	3.45E-09	3.73E-05	4.06E-03	1.41E-05
1760	402583	4517247	1.60E-08	3.04E-09	3.46E-05	3.77E-03	1.24E-05
1761	402538	4516960	2.21E-08	4.19E-09	4.81E-05	5.24E-03	1.71E-05
1762	402450	4516945	2.57E-08	4.88E-09	5.27E-05	5.74E-03	1.99E-05
1763	402436	4517037	2.29E-08	4.35E-09	5.13E-05	5.59E-03	1.78E-05
1764	402421	4517130	2.20E-08	4.18E-09	4.82E-05	5.25E-03	1.71E-05
1765	402509	4517145	1.96E-08	3.73E-09	4.48E-05	4.88E-03	1.52E-05
1766	402330	4517112	2.51E-08	4.77E-09	5.35E-05	5.82E-03	1.95E-05
1767	402344	4517024	2.64E-08	5.01E-09	5.54E-05	6.03E-03	2.05E-05
1768	402361	4516933	2.99E-08	5.68E-09	5.84E-05	6.36E-03	2.32E-05
1769	402378	4516841	3.05E-08	5.80E-09	5.77E-05	6.28E-03	2.37E-05
1770	402465	4516856	2.64E-08	5.02E-09	5.33E-05	5.80E-03	2.05E-05
1771	402479	4516767	2.82E-08	5.36E-09	5.31E-05	5.78E-03	2.19E-05
1772	402394	4516751	3.18E-08	6.04E-09	5.63E-05	6.13E-03	2.47E-05
1773	402206	4517277	2.59E-08	4.92E-09	5.10E-05	5.56E-03	2.01E-05
1774	402114	4517265	3.02E-08	5.74E-09	6.01E-05	6.55E-03	2.34E-05
1775	402024	4517245	3.61E-08	6.86E-09	7.88E-05	8.58E-03	2.80E-05
1776	401931	4517232	4.45E-08	8.45E-09	9.18E-05	1.00E-02	3.45E-05

Receptor	UTM East (m)	UTM North (m)	Cancer Risk 70 Year	Cancer Risk 9 Years (Child)	Acute Hazard Index		Chronic Hazard Index
					Cardiovascular	Respiratory	Respiratory
1777	401946	4517143	4.82E-08	9.16E-09	8.97E-05	9.77E-03	3.74E-05
1778	402039	4517157	3.96E-08	7.54E-09	7.97E-05	8.68E-03	3.08E-05
1779	402129	4517171	3.25E-08	6.19E-09	6.90E-05	7.51E-03	2.53E-05
1780	402219	4517189	2.78E-08	5.29E-09	6.08E-05	6.62E-03	2.16E-05
1781	402235	4517098	2.91E-08	5.54E-09	6.28E-05	6.84E-03	2.26E-05
1782	402144	4517082	3.48E-08	6.62E-09	6.87E-05	7.48E-03	2.70E-05
1783	402054	4517066	4.27E-08	8.12E-09	7.71E-05	8.40E-03	3.32E-05
1784	401962	4517051	5.11E-08	9.72E-09	9.01E-05	9.81E-03	3.97E-05
1785	401977	4516962	5.57E-08	1.06E-08	9.08E-05	9.89E-03	4.32E-05
1786	402077	4516929	4.66E-08	8.85E-09	8.02E-05	8.73E-03	3.62E-05
1787	402160	4516994	3.89E-08	7.40E-09	7.10E-05	7.73E-03	3.02E-05
1788	402250	4517007	3.29E-08	6.26E-09	6.38E-05	6.95E-03	2.56E-05
1789	402283	4516831	3.50E-08	6.65E-09	6.36E-05	6.93E-03	2.72E-05
1790	402180	4516856	4.03E-08	7.67E-09	7.05E-05	7.68E-03	3.13E-05
1791	402099	4516798	4.98E-08	9.47E-09	7.51E-05	8.18E-03	3.87E-05
1792	402007	4516776	6.04E-08	1.15E-08	8.64E-05	9.41E-03	4.69E-05
1793	401993	4516871	5.79E-08	1.10E-08	8.58E-05	9.35E-03	4.49E-05
1794	402021	4516690	6.16E-08	1.17E-08	8.71E-05	9.49E-03	4.78E-05
1795	402114	4516706	5.11E-08	9.70E-09	7.63E-05	8.31E-03	3.96E-05
1796	402206	4516719	4.41E-08	8.38E-09	6.56E-05	7.15E-03	3.42E-05
1797	402899	4515501	2.71E-08	5.15E-09	6.83E-05	7.44E-03	2.10E-05
1798	402736	4515553	2.94E-08	5.59E-09	7.54E-05	8.21E-03	2.28E-05
1799	402735	4515417	2.93E-08	5.56E-09	7.59E-05	8.27E-03	2.27E-05
1800	402734	4515329	2.91E-08	5.54E-09	7.42E-05	8.09E-03	2.26E-05
1801	402822	4515325	2.75E-08	5.23E-09	7.26E-05	7.91E-03	2.14E-05
1802	402912	4515324	2.59E-08	4.93E-09	7.11E-05	7.74E-03	2.01E-05
1803	402822	4515235	2.68E-08	5.10E-09	7.10E-05	7.74E-03	2.08E-05
1804	402732	4515236	2.79E-08	5.29E-09	7.25E-05	7.90E-03	2.16E-05
1805	402730	4515143	2.69E-08	5.12E-09	7.10E-05	7.74E-03	2.09E-05
1806	402731	4515061	2.64E-08	5.02E-09	6.96E-05	7.58E-03	2.05E-05
1807	402646	4515599	3.18E-08	6.05E-09	7.81E-05	8.51E-03	2.47E-05
1808	402557	4515600	3.39E-08	6.45E-09	8.35E-05	9.09E-03	2.63E-05
1809	402465	4515561	3.52E-08	6.69E-09	8.46E-05	9.22E-03	2.73E-05
1810	402370	4515562	3.73E-08	7.09E-09	8.68E-05	9.46E-03	2.90E-05
1811	402276	4515564	3.82E-08	7.26E-09	8.93E-05	9.73E-03	2.96E-05
1812	402180	4515567	3.90E-08	7.41E-09	9.16E-05	9.98E-03	3.03E-05
1813	402081	4515570	3.97E-08	7.55E-09	8.97E-05	9.77E-03	3.08E-05
1814	402082	4515433	3.60E-08	6.85E-09	8.11E-05	8.84E-03	2.80E-05
1815	402180	4515432	3.57E-08	6.78E-09	8.75E-05	9.53E-03	2.77E-05
1816	402275	4515382	3.38E-08	6.42E-09	8.42E-05	9.17E-03	2.62E-05
1817	402367	4515381	3.37E-08	6.41E-09	8.24E-05	8.97E-03	2.62E-05
1818	402458	4515333	3.22E-08	6.13E-09	7.95E-05	8.66E-03	2.50E-05
1819	402551	4515330	3.09E-08	5.86E-09	7.77E-05	8.46E-03	2.40E-05
1820	402554	4515424	3.23E-08	6.13E-09	7.95E-05	8.66E-03	2.51E-05
1821	402556	4515513	3.34E-08	6.35E-09	8.15E-05	8.88E-03	2.59E-05
1822	402645	4515510	3.13E-08	5.96E-09	7.96E-05	8.67E-03	2.43E-05
1823	402645	4515422	3.12E-08	5.92E-09	7.77E-05	8.46E-03	2.42E-05
1824	402643	4515328	2.98E-08	5.67E-09	7.58E-05	8.26E-03	2.32E-05

Receptor	UTM East (m)	UTM North (m)	Cancer Risk 70 Year	Cancer Risk 9 Years (Child)	Acute Hazard Index		Chronic Hazard Index
					Cardiovascular	Respiratory	Respiratory
1825	402642	4515239	2.87E-08	5.46E-09	7.43E-05	8.09E-03	2.23E-05
1826	402550	4515239	2.99E-08	5.68E-09	7.58E-05	8.25E-03	2.32E-05
1827	402457	4515241	3.05E-08	5.80E-09	7.74E-05	8.43E-03	2.37E-05
1828	402366	4515242	3.02E-08	5.74E-09	7.90E-05	8.61E-03	2.34E-05
1829	402273	4515243	3.12E-08	5.92E-09	8.06E-05	8.78E-03	2.42E-05
1830	402177	4515246	3.08E-08	5.86E-09	7.43E-05	8.10E-03	2.39E-05
1831	402178	4515340	3.29E-08	6.25E-09	8.08E-05	8.80E-03	2.55E-05
1832	402080	4515340	3.25E-08	6.18E-09	7.43E-05	8.09E-03	2.53E-05
1833	402079	4515247	2.96E-08	5.62E-09	6.72E-05	7.32E-03	2.30E-05
1834	402078	4515156	2.70E-08	5.13E-09	6.53E-05	7.12E-03	2.10E-05
1835	402176	4515153	2.84E-08	5.39E-09	6.49E-05	7.07E-03	2.20E-05
1836	402272	4515151	2.89E-08	5.50E-09	7.45E-05	8.11E-03	2.25E-05
1837	402365	4515148	2.90E-08	5.51E-09	7.68E-05	8.37E-03	2.25E-05
1838	402457	4515148	2.85E-08	5.41E-09	7.54E-05	8.21E-03	2.21E-05
1839	402548	4515147	2.85E-08	5.42E-09	7.39E-05	8.05E-03	2.21E-05
1840	402639	4515145	2.77E-08	5.27E-09	7.25E-05	7.89E-03	2.15E-05
1841	402639	4515062	2.65E-08	5.04E-09	7.09E-05	7.72E-03	2.06E-05
1842	402547	4515063	2.69E-08	5.11E-09	7.23E-05	7.87E-03	2.09E-05
1843	402455	4515064	2.66E-08	5.05E-09	7.36E-05	8.02E-03	2.06E-05
1844	402364	4515064	2.76E-08	5.25E-09	7.50E-05	8.17E-03	2.15E-05
1845	402271	4515067	2.66E-08	5.06E-09	6.93E-05	7.55E-03	2.07E-05
1846	402173	4515069	2.56E-08	4.87E-09	6.21E-05	6.76E-03	1.99E-05
1847	402075	4515073	2.53E-08	4.81E-09	5.63E-05	6.14E-03	1.97E-05
1848	402513	4516460	3.23E-08	6.14E-09	4.88E-05	5.32E-03	2.51E-05
1849	402405	4516663	3.31E-08	6.29E-09	5.49E-05	5.99E-03	2.57E-05
1850	402316	4516648	3.91E-08	7.44E-09	5.83E-05	6.35E-03	3.04E-05
1851	402220	4516633	4.51E-08	8.56E-09	6.75E-05	7.36E-03	3.50E-05
1852	402131	4516613	5.29E-08	1.01E-08	7.68E-05	8.37E-03	4.11E-05
1853	402036	4516598	6.13E-08	1.17E-08	8.24E-05	8.97E-03	4.76E-05
1854	402051	4516509	6.29E-08	1.20E-08	8.48E-05	9.24E-03	4.89E-05
1855	402145	4516527	5.23E-08	9.94E-09	7.35E-05	8.00E-03	4.06E-05
1856	402161	4516433	5.35E-08	1.02E-08	7.64E-05	8.33E-03	4.15E-05
1857	402064	4516422	6.22E-08	1.18E-08	9.95E-05	1.08E-02	4.83E-05
1858	402090	4516261	5.76E-08	1.10E-08	1.07E-04	1.16E-02	4.47E-05
1859	402182	4516307	5.17E-08	9.83E-09	8.92E-05	9.72E-03	4.01E-05
1860	402271	4516247	4.82E-08	9.17E-09	8.42E-05	9.17E-03	3.75E-05
1861	402355	4516246	4.24E-08	8.05E-09	6.54E-05	7.13E-03	3.29E-05
1862	402421	4515889	3.97E-08	7.55E-09	8.65E-05	9.42E-03	3.08E-05
1863	402519	4515984	3.62E-08	6.89E-09	7.02E-05	7.65E-03	2.81E-05
1864	402281	4515793	4.37E-08	8.31E-09	9.59E-05	1.04E-02	3.39E-05
1865	402185	4515846	4.74E-08	9.02E-09	1.01E-04	1.10E-02	3.68E-05
1866	402188	4515990	4.93E-08	9.36E-09	1.01E-04	1.11E-02	3.82E-05
1867	402192	4516089	5.12E-08	9.73E-09	1.00E-04	1.09E-02	3.98E-05
1868	402095	4516092	5.54E-08	1.05E-08	1.09E-04	1.19E-02	4.30E-05
1869	402091	4515991	5.48E-08	1.04E-08	1.09E-04	1.19E-02	4.25E-05
1870	402088	4515890	5.00E-08	9.50E-09	1.05E-04	1.15E-02	3.88E-05
1871	402086	4515797	4.84E-08	9.20E-09	1.02E-04	1.11E-02	3.76E-05
1872	402084	4515703	4.48E-08	8.51E-09	9.87E-05	1.08E-02	3.48E-05

Receptor	UTM East (m)	UTM North (m)	Cancer Risk 70 Year	Cancer Risk 9 Years (Child)	Acute Hazard Index		Chronic Hazard Index
					Cardiovascular	Respiratory	Respiratory
1873	402182	4515702	4.34E-08	8.25E-09	9.60E-05	1.05E-02	3.37E-05
1874	402279	4515698	4.14E-08	7.86E-09	9.30E-05	1.01E-02	3.21E-05
1875	402370	4515695	3.97E-08	7.54E-09	9.05E-05	9.86E-03	3.08E-05
1876	402682	4516079	3.04E-08	5.79E-09	5.18E-05	5.64E-03	2.36E-05
1877	402685	4516210	2.91E-08	5.53E-09	4.75E-05	5.17E-03	2.26E-05
1878	402771	4516207	2.66E-08	5.06E-09	4.21E-05	4.58E-03	2.07E-05
1879	402691	4516329	2.83E-08	5.38E-09	4.38E-05	4.77E-03	2.20E-05
1880	402712	4516391	2.66E-08	5.05E-09	4.40E-05	4.80E-03	2.06E-05
1881	403282	4515983	1.82E-08	3.47E-09	3.37E-05	3.67E-03	1.42E-05
1882	403199	4516885	1.15E-08	2.19E-09	2.93E-05	3.19E-03	8.95E-06
1883	403200	4516990	1.11E-08	2.12E-09	2.61E-05	2.84E-03	8.64E-06
1884	403343	4516960	1.01E-08	1.91E-09	2.41E-05	2.62E-03	7.81E-06
1885	403197	4516736	1.30E-08	2.47E-09	3.27E-05	3.56E-03	1.01E-05
1886	403116	4516795	1.34E-08	2.54E-09	3.29E-05	3.58E-03	1.04E-05
1887	403033	4516771	1.49E-08	2.83E-09	3.55E-05	3.87E-03	1.15E-05
1888	402945	4516752	1.62E-08	3.08E-09	3.98E-05	4.34E-03	1.26E-05
1889	402863	4516739	1.84E-08	3.49E-09	4.19E-05	4.56E-03	1.43E-05
1890	402868	4516644	1.94E-08	3.70E-09	4.21E-05	4.58E-03	1.51E-05
1891	402956	4516654	1.76E-08	3.35E-09	4.06E-05	4.42E-03	1.37E-05
1892	403048	4516659	1.58E-08	3.00E-09	3.81E-05	4.15E-03	1.23E-05
1893	403193	4516572	1.47E-08	2.79E-09	3.65E-05	3.97E-03	1.14E-05
1894	403113	4516547	1.61E-08	3.07E-09	3.75E-05	4.08E-03	1.25E-05
1895	403042	4516549	1.76E-08	3.34E-09	3.85E-05	4.20E-03	1.36E-05
1896	402958	4516547	1.87E-08	3.55E-09	4.08E-05	4.45E-03	1.45E-05
1897	402867	4516549	2.07E-08	3.93E-09	4.24E-05	4.61E-03	1.60E-05
1898	402947	4516361	2.13E-08	4.05E-09	4.00E-05	4.36E-03	1.65E-05
1899	402957	4516443	2.02E-08	3.83E-09	4.01E-05	4.37E-03	1.57E-05
1900	403115	4516437	1.69E-08	3.20E-09	3.78E-05	4.12E-03	1.31E-05
1901	403195	4516435	1.59E-08	3.03E-09	3.67E-05	4.00E-03	1.24E-05
1902	403108	4516258	1.91E-08	3.63E-09	3.71E-05	4.04E-03	1.48E-05
1903	402981	4515895	2.40E-08	4.56E-09	4.50E-05	4.90E-03	1.86E-05
1904	402768	4516076	2.82E-08	5.37E-09	4.98E-05	5.43E-03	2.19E-05
1905	402545	4514974	2.53E-08	4.82E-09	7.06E-05	7.69E-03	1.97E-05
1906	402455	4514976	2.57E-08	4.88E-09	7.18E-05	7.82E-03	1.99E-05
1907	402363	4514975	2.61E-08	4.95E-09	6.94E-05	7.55E-03	2.02E-05
1908	402270	4514978	2.47E-08	4.70E-09	5.92E-05	6.45E-03	1.92E-05
1909	402171	4514982	2.40E-08	4.56E-09	5.72E-05	6.23E-03	1.86E-05
1910	402072	4514983	2.30E-08	4.37E-09	4.70E-05	5.12E-03	1.79E-05
1911	402068	4514884	2.07E-08	3.93E-09	3.79E-05	4.13E-03	1.60E-05
1912	402169	4514885	2.24E-08	4.27E-09	5.21E-05	5.67E-03	1.74E-05
1913	402268	4514884	2.27E-08	4.31E-09	5.76E-05	6.27E-03	1.76E-05
1914	402361	4514881	2.36E-08	4.49E-09	6.35E-05	6.92E-03	1.84E-05
1915	402453	4514878	2.47E-08	4.70E-09	6.99E-05	7.62E-03	1.92E-05
1916	402063	4514694	1.76E-08	3.35E-09	3.31E-05	3.61E-03	1.37E-05
1917	402182	4514792	2.05E-08	3.89E-09	4.33E-05	4.71E-03	1.59E-05