



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4182

(909) 396-2000 • www.aqmd.gov

HEALTH RISK ASSESSMENT SUMMARY FORM

(Required in Executive Summary of HRA)

Facility Name : _____
Facility Address: _____
Type of Business: _____
SCAQMD ID No.: _____

A. Cancer Risk

(One in a million means one chance in a million of getting cancer from being constantly exposed to a certain level of a chemical over a period of time)

1. Inventory Reporting Year : _____
2. Maximum Cancer Risk to Receptors : (Offsite and residence = 30-year exposure, worker = 25-year exposure)
a. Offsite _____ in a million Location: _____
b. Residence _____ in a million Location: _____
c. Worker _____ in a million Location: _____
3. Substances Accounting for 90% of Cancer Risk: _____
Processes Accounting for 90% of Cancer Risk: _____
4. Cancer Burden for a 70-yr exposure: (Cancer Burden = [cancer risk] x [# of people exposed to specific cancer risk])
a. Cancer Burden _____
b. Number of people exposed to >1 per million cancer risk for a 70-yr exposure _____
c. Maximum distance to edge of 70-year, 1 x 10^-6 cancer risk isopleth (meters) _____

B. Hazard Indices

[Long Term Effects (chronic) and Short Term Effects (acute)]
(non-carcinogenic impacts are estimated by comparing calculated concentration to identified Reference Exposure Levels, and expressing this comparison in terms of a "Hazard Index")

1. Maximum Chronic Hazard Indices:
a. Residence HI: _____ Location: _____ toxicological endpoint: _____
b. Worker HI : _____ Location: _____ toxicological endpoint: _____
2. Substances Accounting for 90% of Chronic Hazard Index: _____
3. Maximum 8-hour Chronic Hazard Index:
8-Hour Chronic HI: _____ Location: _____ toxicological endpoint: _____
4. Substances Accounting for 90% of 8-hour Chronic Hazard Index: _____
5. Maximum Acute Hazard Index:
PMI: _____ Location: _____ toxicological endpoint: _____
6. Substances Accounting for 90% of Acute Hazard Index: _____

C. Public Notification and Risk Reduction

1. Public Notification Required? _____ Yes _____ No
a. If 'Yes', estimated population exposed to risks > 10 in a million for a 30-year exposure, or an HI >1

2. Risk Reduction Required? _____ Yes _____ No



October 29, 2019

ID: 511

South Coast Air Quality Management District
AB2588 Section
21865 E. Copley Dr.
Diamond Bar, CA 91765-0949

Re: Approval of Air Toxic Inventory Report and Notice to Prepare a Health Risk Assessment for Whittier Fertilizer, Co. (South Coast AQMD Facility No.: 511)

Dear SCAQMD AB2588 Staff,

Please find enclosed the written report of Whittier Fertilizer, Co. Health Risk Assessment based on the district's supplemental guidelines along the electronic inputs and outputs files, which are attached separately and submitted through the district's OnBase system.

Upon reviewing and evaluation of this HRA, Whittier Fertilizer, Co. would like the district to consider the additional inputs in order to further accurately determine the final health risk impacts:

Variable Emissions: Whittier's operating hours are 8 hours per day (9AM - 4PM), 5 days per week, 52 weeks per year. The prepared HRA has the default emission variable assumption of 24 hours per day, 7 days per week, 52 weeks per year. This default assumption does not accurately represent the facility's actual operating hours of emissions.

OIMP Permit: Whittier is currently operating under the state's permitted Odor Impact Minimization Plan (OIMP) that limits the facility's operation based on the wind directions. When the wind is blowing southwest towards the direction of residential receptors, the facility ceases operation in order to prevent potential odors dispersion into the nearby residential. This determination based on a visual monitoring procedure and is enforced by the local health department. A copy of the facility's OIMP can be found in the HRA Appendix.

Diesel Usage: During the 2017 Annual Emission Reporting, Whittier's total diesel emission was calculated using the engine's CARB fuel rating, which was based on a 100% efficiency. In reality, the facility operates at a much lower efficiency, therefore the emissions reported was not accurate. The facility will be installing a fuel consumption meters in addition to the hour meters, in order to accurately capture the total emissions.

Future reassessment of the Whittier's HRA with these inputs would most definitely reduce the health risk impact that has been determined in this 2019 HRA report. If you have further questions, please feel free to contact me.

Sincerely,

Nhat Nguyen
Assistant Environmental Engineer

Whittier Fertilizer, Co.
9441 Kruse Road
Pico Rivera, CA 90660-1492

**Health Risk Assessment for
Whittier Fertilizer, Co.
(SCAQMD Facility ID: 511)**

Prepared on:
August 19, 2019

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Definitions:

The definitions below are reference from the 2015 Office of Environmental Health Hazard Assessment: Risk Assessment Guidelines, Guidance Manual for Preparation of Health Risk Assessments, (OEHHA 2015).

Acute Health Impact:

Non-cancer health impacts for short-term, one-hour peak exposures to facility emissions. By definition, an acute reference exposure level (REL) is an exposure that is not likely to cause adverse health effects in a human population, including sensitive subgroups, exposed to that concentration for the specified exposure duration on an intermittent basis.

8-Hour Chronic Health Impact:

Non-cancer health impacts for exposures to the general public that occur on a recurrent basis, but only during a portion of each day. By definition, an 8-hour reference exposure level (REL) is an exposure that is not likely to cause adverse health effects in a human population, including sensitive subgroups exposed to that concentration for an 8-hour exposure duration on a regular (including daily) basis.

Chronic Health Impact:

A chronic reference exposure level (REL) is a concentration level for inhalation exposure and in a dose expressed in units of milligrams per kilogram-day (mg/kg-day) for oral exposures at or below which no adverse health effects are anticipated following long-term exposure. Long-term exposure for these purposes has been defined by U.S. EPA as at least 12% of a lifetime, or about eight years for humans.

Cancer Health Impact:

Cancer risk is often expressed as the maximum number of new cases of cancer projected to occur in a population of one million people due to exposure to the cancer-causing substance over a 30-year residential period.

Abbreviations:

Acronym	Description
ADMRT	Air Dispersion Modeling and Risk Tool
AER	Annual Emission Report
ATIR	Air Toxic Inventory Report
CARB	California Air Resources Board
CAS	Chemical Abstracts Service
DEP	Diesel Exhaust Particulate
DEM	Digital Elevation Model
EIM	Emission Inventory Module
GLCs	Ground Level Concentrations
HARP	Hotspots Analysis and Reporting Program
HARP2	HotSpots Analysis and Reporting Program Version 2
HI	Hazard Index
HRA	Health Risk Assessment
LOAEL	Lowest Observed Adverse Effects Level
MEIR	Maximum Exposed Individual Resident
MEIW	Maximum Exposed Individual Worker
MP	Multipathway
NOAEL	No Observed Adverse Effects Level
OEHHA	Office of Environmental Health Hazard Assessment
PMI	Point of Maximum Impact
SCAQMD	South Coast Air Quality Management District
REL	Reference Exposure Level
TACs	Toxic Air Contaminants
U.S. EPA	United States Environmental Protection Agency
UTM	Universal Transverse Mercator
Lbs/hr	Pounds per Hour
Lbs/yr	Pounds per Year

Executive Summary:

Facility Name: Whittier Fertilizer, Co.
Facility Address: 9441 Kruse Road
Pico Rivera, CA 90660-1492
Facility ID Number: 511
Mailing Address: 9441 Kruse Road
Pico Rivera, CA 90660-1492

Contact Person:

Name: Jim Osborn
Title: Vice President
Phone: (562) 699-3461
Email: jmosborn@verizon.net

Brief Description of Operation: Fertilizer Manufacturing and Green Waste Composting

1.0 Site Description & Facility Operations

Whittier Fertilizer, Co. is a fertilizer manufacturing and green waste composting facility located on 9441 Kruse Road in the city of Pico Rivera, California. The facility manufactures a variety of products such as fertilizers, composts, soil amendments, mulch, and decorative rocks. The facility is located under the Universal Transverse Mercator (UTM) Zone 11 at coordinates 401,393.3 meters East (X) and 3,764,804 meters North (Y), with an estimated population of 9,818,605 according to South Coast AQMD Modeling Guidance for AERMOD. The facility is surrounded by commercial businesses and residential homes in the east, west, and south directions. The nearest school is Durfee Elementary School, which is approximately 3,600 feet away from the facility.

The facility receive raw materials such as green organic materials that is further process through grinders, screens, shredders, and bag system that ultimately produce a variety of products mention in the above paragraph. The facility structure layout consists of two main building structures that is use for office space, product packaging, and product storage. North of the facility within the property boundary consists of raw material storage, process material storage, finished material storage, and processing equipments. Throughout the rest of the facility consists of parking spaces, equipment storage areas, sheds, and final product storage areas.

The facility Ammonia and Diesel Exhaust Particulates emissions come from multiple sources. Ammonia is emitted from three green waste composting piles at are generated and staged on site.

Diesel Exhaust Particulates are emitted from three diesel engines running a grinder and two aggregate screening equipments. Table 1 below displays the facility's emitted substances, 1-hour (lbs/hr) and total annual emissions (lbs/yr).

Table 1. Facility Emission Summary by Sources

EIM Source ID	EIM Stack ID	Chemical Name	CAS #	Annual Emission (lbs/yr)	Max. Hourly Emissions (lbs/hr)
S0001	1	Ammonia	7664417	822.36	6.35E-01
S0002	584581	Diesel Exhaust Particulate	9901	514.66	7.31E-02
S0003	584583	Diesel Exhaust Particulate	9901	193.62	1.98E-02
S0004	584587	Diesel Exhaust Particulate	9901	134.84	1.64E-03

2.0 Multipathway Substances and Pathways

The facility's emitted pollutants, ammonia and diesel exhaust particulates, multipathway were evaluated and determined based on the pollutants characteristics, level, air dispersion modeling software using the provided meteorological data. Table 2 below identifies the facility's emitted substances along with their pathways.

Table 2. Facility Pollutants Multipathway Evaluation

Chemical Name	CAS #	Pathway(s)
Ammonia	7664417	Inhalation
Diesel Exhaust Particulate	9901	Inhalation

3.0 Overview of Dispersion Modeling and Exposure Assessment

The air dispersion modeling and exposure assessment was performed using Air Dispersion Modeling and Risk Tool (ADMRT), provided by the California Air Resources Board (CARB) under the HotSpots Analysis and Reporting Program Version 2 (HARP 2). HARP is a tool for preparing health risk assessment, which incorporates information from the 2015 Office of Environmental Health Hazard Assessment: Risk Assessment Guidelines, Guidance Manual for Preparation of Health Risk Assessments, (OEHHA 2015). Incorporating the Emission Inventory Module (EIM), which is also under the HARP program, ADMRT performs air dispersion analysis by calculating the ground level concentrations (GLCs) of pollutants in order to evaluate the potential cancer and non-cancer health impacts. The evaluation of potential cancer and non-cancer health impacts were performed both within and outside the facility's boundary.

4.0 Overview of Dose-Response Assessment for Cancer and Non-Cancer Health Impact.

Dose-response assessment is the process of characterizing the relationship between exposure to an agent and incidence of an adverse health effect in exposed populations. In quantitative 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 95th percent upper confidence limit of the slope of the dose response curve estimated assuming continuous lifetime exposure to a substance. Typically, potency factors are expressed as units of inverse dose (e.g., (mg/kg BW/day)⁻¹) or inverse concentration. It is assumed in cancer risk assessments that risk is directly proportional to dose and that there is no threshold for carcinogenesis.

The Office of Environmental Health Hazard Assessment (OEHHA) has compiled cancer potency factors, which should be used in risk assessments for the Hot Spots program. Cancer potency factors were derived either by the U.S. EPA or by OEHHA, underwent public and peer-review, and were adopted for use in the program. For a detailed description of cancer potency factors, refer to the Technical Support Document for Cancer Potency Factors (OEHHA, 2009).

For non-carcinogenic effects, dose-response data developed from animal or human studies are used to develop acute, 8-hour, and chronic non-cancer Reference Exposure Levels (RELs). The acute, 8-hour and chronic RELs are defined as the concentration at which no adverse non-cancer health effects are anticipated even in sensitive members of the general population, with infrequent one hour exposures, repeated 8-hour exposures over a significant fraction of a lifetime, or continuous exposure over a significant fraction of a lifetime, respectively. The most sensitive health effect is chosen to develop the REL if the chemical affects multiple organ systems. Unlike cancer health effects, non-cancer health effects are generally assumed to have thresholds for adverse effects. In other words, injury from a pollutant will not occur until exposure to that pollutant has reached or exceeded a certain concentration (i.e., threshold) and/or dose. The acute, 8-hour, and chronic RELs are air concentrations intended to be below the threshold for health effects for the general population.

The actual threshold for health effects in the general population is generally not known with any precision. Uncertainty factors are applied to the Lowest Observed Adverse Effects Level (LOAEL) or No Observed Adverse Effects Level (NOAEL) or Benchmark Concentration values from animal or human studies to help ensure that the chronic, 8-hour and acute REL values are below the threshold for human health for nearly all individuals. This guidance manual provides the acute, 8-hour, and chronic Reference Exposure Levels. Some substances that pose a chronic or repeated 8-hour inhalation hazard may also present a chronic hazard via non-inhalation routes of exposure (e.g., ingestion of contaminated water, foods, or soils, and dermal absorption). The methodology and derivations for acute, 8-hour, and chronic, RELs are described in the Technical Support Document for the Derivation of Non-cancer Reference Exposure Levels (OEHHA, 2008).

Below in Table 3 shows the target organ systems that are affected by the emitted substances for non-cancer chronic and acute health impacts.

Table 3. Facility Pollutants Chronic & Acute Risk Target Organ Systems

Chemical Name	CAS #	Chronic Risk Target Organ Systems	Acute Risk Target Organ Systems
Ammonia	7664417	Respiratory	Respiratory, Eyes
Diesel Exhaust Particulate	9901	Respiratory	Respiratory, Eyes

5.0 Summary of Results

The summary of results for potential cancer and non-cancer health impacts for residential and workers are presented in the Health Risk Assessment Summary Form attached in the Appendix. The PMI, MEIR, and MEIW health impact was calculated to be 169, 69, and 11 in one million, respectively.

5.1 Location and Description of PMI, MEIR, & MEIW

The table below presents the maximum risk exposure for off-site, residential, and worker with the location (UTM) coordinates. The Point of Maximum Impact (PMI) is located north along the facility property boundary line, in an undeveloped area. The Maximally Exposed Individual Resident (MEIR) is located south of the facility across Kruse Road, within a residential community. The Maximally Exposed Individual Worker (MEIW) is located just south of the facility within a commercial business property.

Location of Cancer Risk

Maximum Risk Exposure	UTM Coordinates (m)
Point of Maximum Impact (PMI)	401,615 (X), 3,765,025 (Y)
Maximally Exposed Individual Resident (MEIR)	401,515 (X), 3,764,795 (Y)
Maximally Exposed Individual Worker (MEIW)	401,565 (X), 3,764,885 (Y)

5.2 Location and Description of Sensitive Receptors

There are a total of fifty-seven sensitive receptors located within the one in one million isopleths zone of impact. As mentioned in Section 1.0, the near school is Durfee Elementary School, which is also the nearest sensitive receptor, located approximately 3,600 ft with UTM coordinates 400746.23 (X), 3763990.71 (Y). The primary cancer risk exposure to these sensitive receptors would be from the inhalation of diesel exhaust particulate. There are currently no sensitive receptors that are above the cancer risk of ten in one million, or above the cancer health HI of one. Table 7 presents the list of all the sensitive receptors and its UTM coordinates location within the one in one million zone of impact.

5.3 Cancer Risk Exposure Assessment

The total potential cancer risk for residential exposure was assessed based on the assumption of a 30-years exposure duration scenario. The potential cancer risk for worker exposure was assessed based on the assumption of a 25-years exposure duration scenario. Based on this cancer risk exposure assessment, the substance appears to contribute to the potential health impact for both residential and worker is diesel exhaust particulate emissions. The respiratory is the target organ system for both residential and worker cancer risk exposure. Table 4 below summarizes the total potential cancer risk health impacts by substances and the total potential multipathway (MP) at the PMI, MEIR, and MEIW

Table 4. Summary of Cancer Risk Exposure Assessment

Maximum Risk Exposure	UTM Coordinates (m)	Grid Receptor ID Number	Cancer Risk	Substances	Potential Multipathway
Point of Maximum Impact (PMI)	401,615 (X), 3,765,025 (Y)	8287	169 in one million	Diesel Exhaust Particulate	Inhalation
Maximally Exposed Individual Resident (MEIR)	401,515 (X), 3,764,795 (Y)	5977	69 in one million	Diesel Exhaust Particulate	Inhalation
Maximally Exposed Individual Worker (MEIW)	401,565 (X), 3,764,885 (Y)	6882	11 in one million	Diesel Exhaust Particulate	Inhalation

5.4 Non-Cancer Risk Exposure Assessment

The non-cancer chronic risk health hazard indices (HIs) at the PMI, MEIW, and MEIR are 0.06, 0.02, and 0.04 respectively. The non-cancer chronic PMI & MEIR was evaluated under the residential non-cancer chronic exposure scenario, whereas the MEIW was evaluated under the worker non-cancer chronic exposure scenario. The substances driving the potential health impact for both residential and worker non-cancer risk exposure are ammonia and diesel exhaust particulate emissions. The respiratory and eyes are the target organ systems for these non-cancer risk exposure. Table 5 below summarizes the non-cancer risk exposure assessment. Additionally, Figures 4 and 5 below displays the map and locations of the MEIW and MEIR of the non-cancer chronic risk.

The non-cancer acute risk exposure health impact hazard indices (HIs) at the PMI, MEIW, and MEIR are 0.07, 0.02, and 0.01 respectively. The 8-hour chronic risk hazard indices were determined to be zero at all exposure scenarios. Figure 6 below shows the map of the acute risk for the PMI, MEIW, and MEIR. Lastly, Table 5.1 further displays the health impact in details.

Table 5. Summary of Non-Cancer Risk Exposure Assessment

Maximum Risk Exposure	UTM Coordinates (m)	Grid Receptor ID Number	Non-Cancer Chronic Risk (HIs)	UTM Coordinates (m)	Grid Receptor ID Number	Non-Cancer Acute Risk (HIs)	8-Hr Chronic Risk (HIs)
PMI	401575 (X), 3765025 (Y)	8283	0.06	401,565 (X), 3,765,025 (Y)	8282	0.07	0
MEIW	401,505 (X), 3,764,795 (Y)	5976	0.02	401,565 (X), 3,764,885 (Y)	6882	0.02	0
MEIR	401,555 (X), 3,764,885 (y)	6881	0.04	401,535 (X), 3,764,795 (Y)	5979	0.01	0

5.5 Map of facility and surrounding MEIR, MEIW & PMI along with the zone of impact 1, 10, 25, 100 in one million isopleths

The facility is surrounded by commercial businesses, residential, and undeveloped lands. There are commercial businesses located south, southwest, and southeast of the facility. All residential homes are located south and all of the undeveloped area is located north of the facility. Figure 1. shows the facility location, property boundary, and sources contributing to the emissions. Figure 2. shows the calculated MEIR, MEIW, and PMI based on the health risk assessment. Figure 3. shows the 1, 10, 25, 100 in one million zone of impact isopleths. In further details, the one in one million zone of impact extends roughly about 6 km north and 5.5 km south of the facility origin. The cancer burden was determined less than 0.50 based on a residential 70-year lifetime exposure and is further discussed in the next section.

5.6 Population & Subpopulations Exposures

The total cancer burden greater than 1, 10, 100 in a million isopleths was 0.46, 0.1 and 0.0 respectively. The cancer burden results are less than the risk reduction level threshold of 0.5, therefore, risk reduction is unnecessary. Table 6 summarizes the population exposure 70-years residential cancer risk. There are currently no subpopulations of concern determined within this health risk assessment.

Table 6. Population Exposure 70-Years Residential Cancer Risk

Total Cancer Risk Greater Than...	Population	Cumulative Cancer Burden
1 in a million	176,342	0.46
10 in a million	5,233	0.1
100 in a million	0	0.0

6.0 Conclusions

In conclusion, Whittier Fertilizer, Co. cancer risk, non-cancer risk and the cancer burden health risk assessment were determined using Air Dispersion Modeling and Risk Tool (ADMRT), provided by the California Air Resources Board (CARB) under the HotSpots Analysis and Reporting Program Version 2 (HARP 2). HARP is a tool for preparing health risk assessment, which incorporates information from the 2015 Office of Environmental Health Hazard Assessment: Risk Assessment Guidelines, Guidance Manual for Preparation of Health Risk Assessments, (OEHHA 2015) and SCAQMD AB2588 and Rule 1402 Supplemental Guideline for Preparing Risk Assessment for the Air Toxics “Hot Spots” Information and Assessment Act.

The cancer risk level was determined to be greater than 10 in one million south of the facility, where residential and off-site workers are located, public notification may be required based on the final evaluation of the district.

Executive Summary Tables and Figures:

Table 5.1 Non-Cancer Risk Hazard Index Details

Point of Maximum Residential Non-Cancer Chronic Risk Hazard Index by Pollutants		CONC	POLID	POLABBREV	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRODEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	
REC	X	Y																	
8283	401575	3765025	5.0865507	7664417	NH3	NonCancerChro	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8283	401575	3765025	0.1891811	9901	DieselExhPM	NonCancerChro	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PMI																			
0.06																			

Residential Non-Cancer Chronic Risk Hazard Index by Pollutants		CONC	POLID	POLABBREV	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRODEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	
REC	X	Y																	
5976	401505	3764795	0.2393942	7664417	NH3	NonCancerChro	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5976	401505	3764795	0.0920935	9901	DieselExhPM	NonCancerChro	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MEIR																			
0.02																			

Worker Non-Cancer Chronic Risk Hazard Index by Pollutants		CONC	POLID	POLABBREV	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRODEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	
REC	X	Y																	
6881	401555	3764885	0.5786719	7664417	NH3	NonCancerChro	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6881	401555	3764885	0.1719286	9901	DieselExhPM	NonCancerChro	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MEIW																			
0.04																			

Acute Non-Cancer Risk Hazard Index Exposure by Pollutants		CONC	POLID	POLABBREV	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRODEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	
REC	X	Y																	
8282	401565	3765025	218.8193	7664417	NH3	NonCancerAcut	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-02	0.00E+00	6.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8282	401565	3765025	1.282301	9901	DieselExhPM	NonCancerAcut	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PMI																			
0.07																			
6882	401565	3764885	72.90688	7664417	NH3	NonCancerAcut	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-02	0.00E+00	2.28E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6882	401565	3764885	1.692545	9901	DieselExhPM	NonCancerAcut	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MEIW																			
0.02																			
5979	401535	3764795	31.32199	7664417	NH3	NonCancerAcut	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E-03	0.00E+00	9.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5979	401535	3764795	0.7053136	9901	DieselExhPM	NonCancerAcut	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MEIR																			
0.01																			

Table 7. Sensitive Receptors in 1 in One Million Zone of Impact

Sensitive Receptors Description	Address	UTM Coordinates	
		X	Y
Armenian Mesrobian School	8420 Beverly Rd, Pico Rivera, CA 90660	399291.56	3763917.91
Orange Grove Elementary School	10626 Orange Grove Ave, Whittier, CA 90601	402042.88	3762256.25
La Merced Elementary School	724 N Poplar Ave, Montebello, CA 90640	398870.68	3765073.77
Fremont Elementary School	200 W Madison Ave, Montebello, CA 90640	398344.38	3764180.28
Durfee Elementary School	4220 Durfee Ave, Pico Rivera, CA 90660	400746.23	3763990.71
Rio Vista Elementary School	8809 Coffman and Pico Rd, Pico Rivera, CA 90660	398844.55	3761579.11
Franklin School	5777 Lockheed Ave, Whittier, CA 90606	401686.50	3762210.52
North Park Academy of the Arts	4450 Durfee Ave, Pico Rivera, CA 90660	400656.97	3763565.11
St. Hilary Elementary School	5401 Citronell Ave, Pico Rivera, CA 90660	399829.27	3762133.82
Valencia Academy of the Arts	9241 Cosgrove St, Pico Rivera, CA 90660	399603.03	3761422.22
North Ranchito Elementary School	8837 Olympic Blvd, Pico Rivera, CA 90660	399958.80	3763439.61
Montebello Gardens Elementary School	4700 Pine St, Pico Rivera, CA 90660	399372.01	3763704.75
Montebello Christian School	136 S 7th St, Montebello, CA 90640	397757.89	3763650.10
Whittier Area Community Day School	5777 Lockheed Ave, Whittier, CA 90606	401633.93	3762190.25
Beverly Hospital	309 W Beverly Blvd, Montebello, CA 90640	398477.56	3764383.51
CareMore Health	433 N 4th St #208, Montebello, CA 90640	398223.59	3764444.20
Whittier Hospital Medical Center	5062 Rosemead Blvd, Pico Rivera, CA 90660	399941.82	3762659.67
Vega Family Child Care	4827 San Gabriel Pl, Pico Rivera, CA 90660	399976.40	3762944.60
Cumorah Kids	4561 Durfee Ave, Pico Rivera, CA 90660	400515.28	3763420.41
Vargas Family Child Care	104 W mines Ave, Montebello, CA 90640	397844.63	3762731.63
Plaza De La Raza	4211 Columbia Ave, Pico Rivera, CA 90660	399933.16	3764241.16
Teddy Bear daycare	5145 Lindsey Ave, Pico Rivera, CA 90660	400006.84	3762384.30

Family day care Aguirre & Medrano	6510 Pioneer Blvd, Whittier, CA 90606	400898.13	3761461.67
Ramirez Family Child Daycare	8824 Olympic Blvd, Pico Rivera, CA 90660	399891.75	3763344.70
Recendez Family Day Care	6502 Triton Dr, Pico Rivera, CA 90660	398759.89	3760815.13
Little Munchkins Play House Day Care	4716 Myrtle St, Pico Rivera, CA 90660	398972.88	3763674.54
Acosta Family Child Care	9338 Beverly Rd, Pico Rivera, CA 90660	400629.62	3763250.01
El Monte High School	3048 Tyler Ave, El Monte, CA 91731	404542.34	3769757.47
New Temple School	11033 Central Ave, South El Monte, CA 91733	403733.36	3767286.35
South El Monte High School	1001 Durfee Ave, South El Monte, CA 91733	403614.44	3766703.24
Monte Vista Elementary School	11111 Thienes Ave, South El Monte, CA 91733	404463.92	3767670.67
Cogswell Elementary School	11050 Fineview St, South El Monte, CA 91733	404509.15	3768663.18
Loma Elementary School	2131 Loma Ave, South El Monte, CA 91733	401315.78	3768570.70
Valle Lindo School District	1431 Central Ave, South El Monte, CA 91733	403321.33	3767613.55
Epiphany Catholic School	10915 Michael Hunt Dr, South El Monte, CA 91733	403904.77	3767773.44
New Lexington Elementary School	10410 Bodger St, El Monte, CA 91733	403687.06	3769719.35
Potrero School	2611 Potrero Ave, South El Monte, CA 91733	402508.57	3769265.67
Mountainview Elementary School	Mountain View Rd, El Monte, CA 91732	405227.31	3769094.91
Miramonte Elementary School	10620 Schmidt Rd, South El Monte, CA 91733	403861.76	3768991.91
Wilkerson School	2700 Doreen Ave, El Monte, CA 91733	403605.42	3769464.78
Mountain View School District Head Start and Children's Center	2109 Burkett Rd, El Monte, CA 91732	405442.26	3767551.97
Cortada Elementary School	3111 Potrero Ave, El Monte, CA 91733	402452.42	3769902.52
Parkview Elementary School	12044 Elliott Ave, El Monte, CA 91732	405477.78	3768826.17
Charles T Kranz Intermediate	12460 Fineview St, El Monte, CA 91732	405478.16	3767629.66
El Monte Headstart/Preschool	2131 Loma Ave, El Monte, CA 91733	401318.26	3768571.77
Maxson Elementary School	12380 Felipe St, El Monte, CA 91732	405766.39	3768164.36
Don Bosco Technical Institute	1151 San Gabriel Blvd, Rosemead, CA 91770	399606.63	3767224.48

Golden Hyde School	1168 San Gabriel Blvd, Rosemead, CA 91770	399781.38	3767488.04
Greater El Monte Community Hospital	1701 Santa Anita Ave, South El Monte, CA 91733	403720.22	3767977.81
California High Achieving School	2716 Doreen Ave, El Monte, CA 91733	403605.26	3769507.19
Hernandez Family Daycare	10328 Enloe St, South El Monte, CA 91733	403478.57	3768547.85
Stone Soup Child Care Programs	10410 Bodger St, El Monte, CA 91733	403628.44	3769741.70
Kids World Day Care	11913 Magnolia St, El Monte, CA 91732	405598.32	3769393.24
Sunny Garden Daycare Center	2739 Stingle Ave, Rosemead, CA 91770	400761.34	3769546.53
Letha's Family Child Care	2453 Bartlett Ave, Rosemead, CA 91770	400415.12	3768997.63
Cogswell Head Start/State Preschool Child	11050 Fineview St, El Monte, CA 91733	404558.48	3768625.65
Telstar Montessori Childcare Center	9320 Telstar Ave, El Monte, CA 91731	401581.83	3770218.18

Figure 1. Facility location along with the site boundary, sources contributing to emission and surrounding



Figure 2. Location of the PMI, MEIW, and MEIR calculated based on the health risk assessment.



Figure 3. Map of 1, 10, 25, 100 in one million zones of impact isopleths

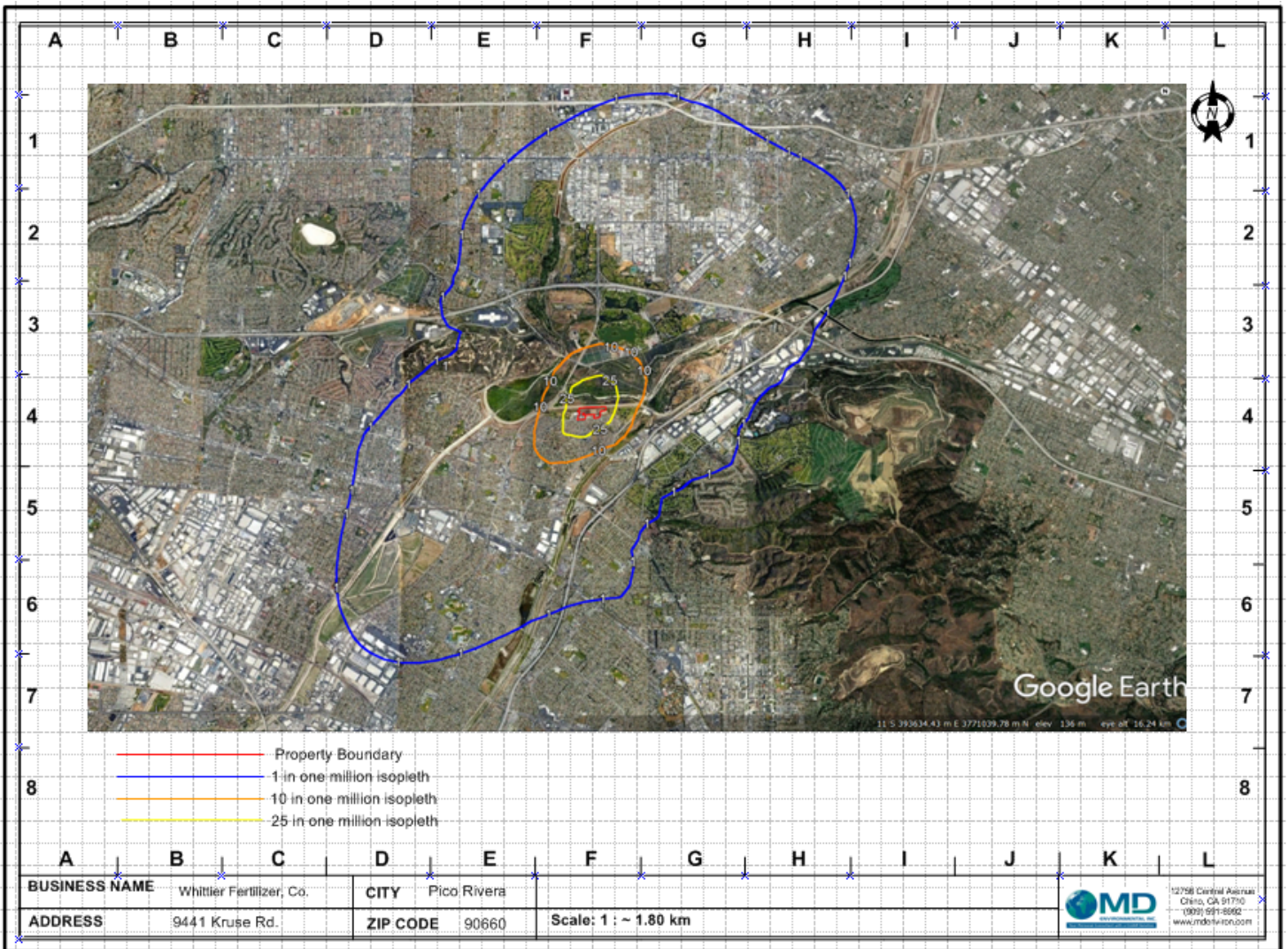


Figure 4. Map showing MEIR for residential chronic non-cancer risk.

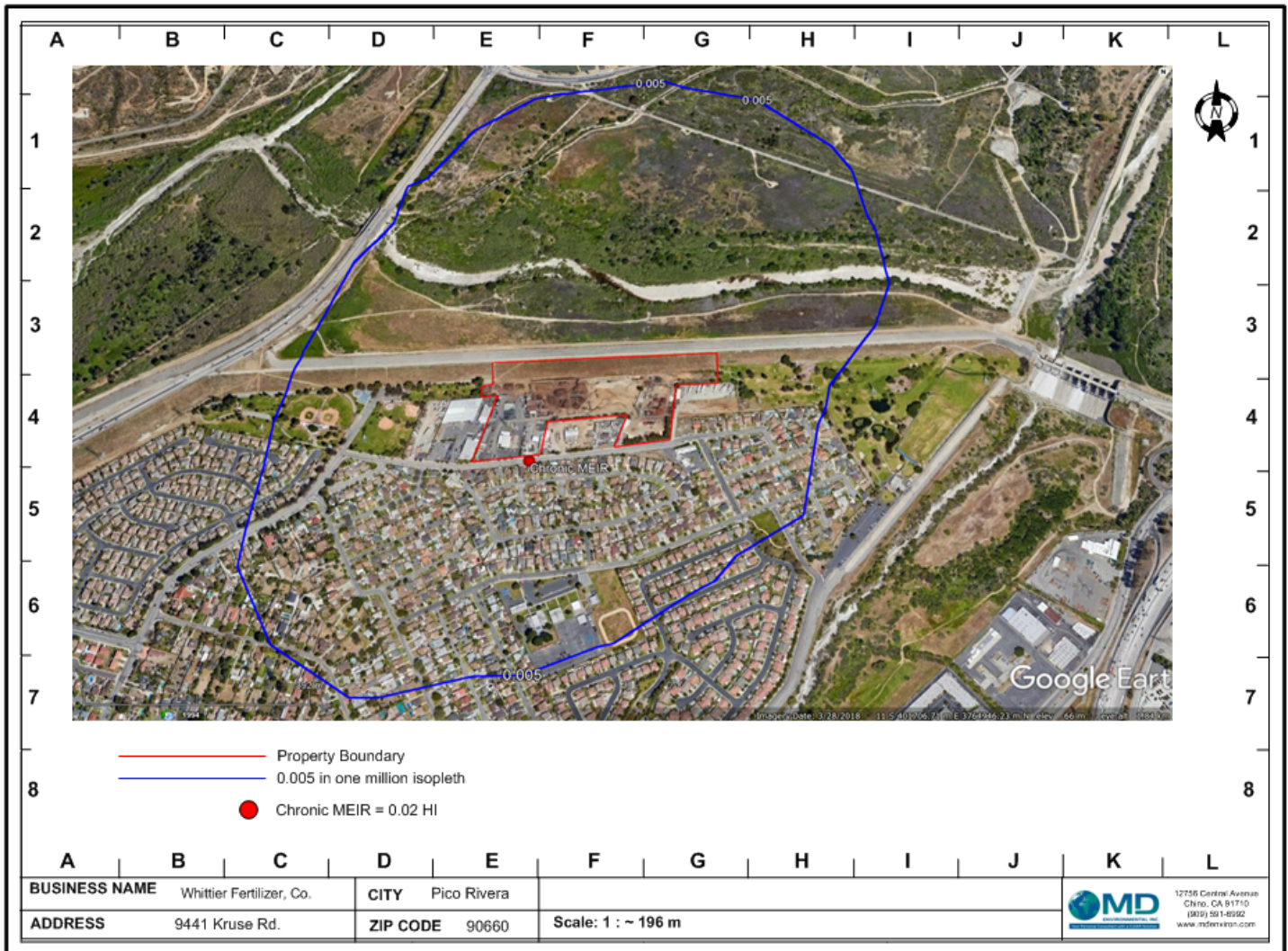


Figure 5. Map showing MEIW for worker chronic non-cancer risk

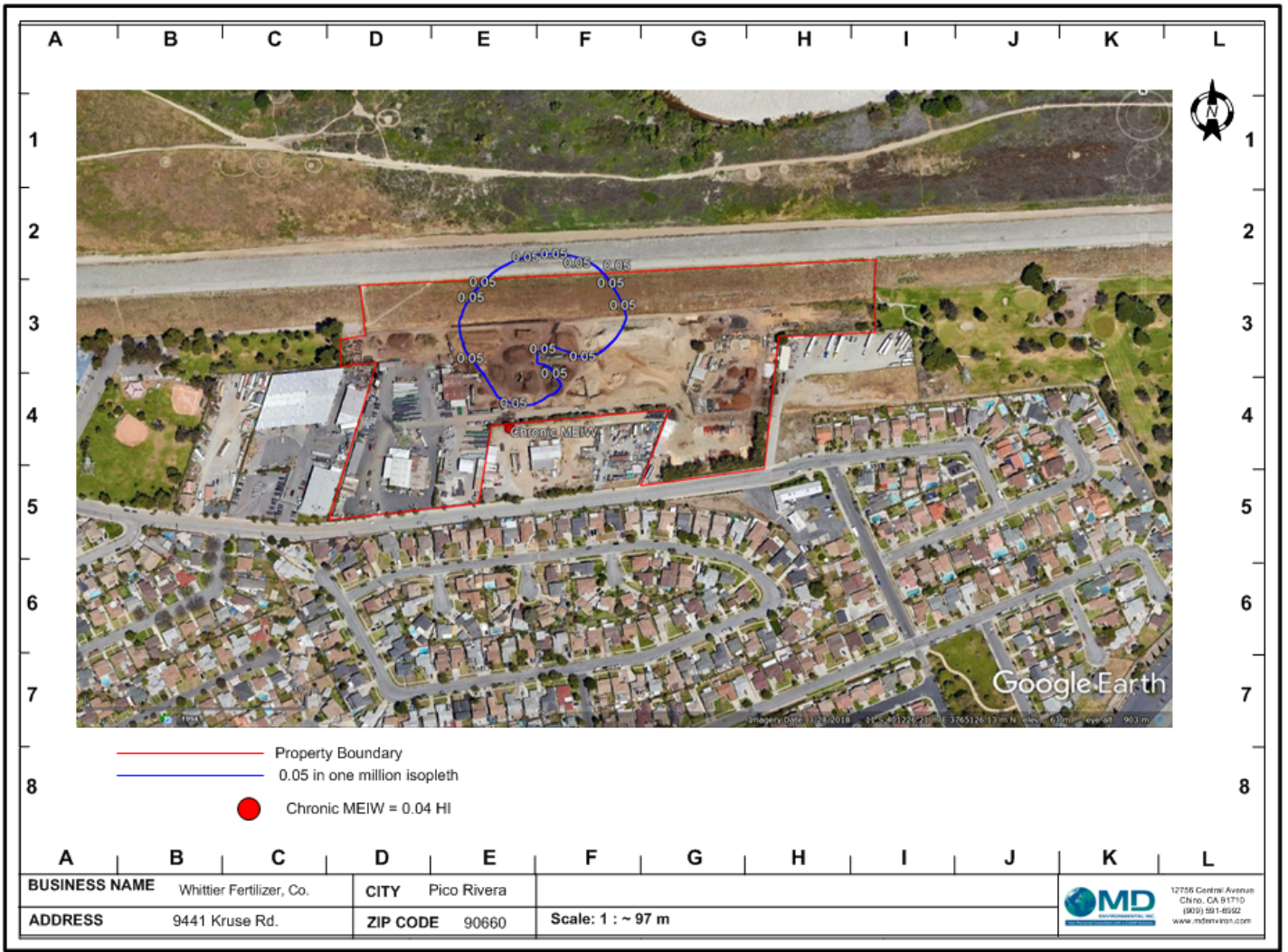


Figure 6. Map showing PMI, MEIW, MEIR for non-cancer acute risk

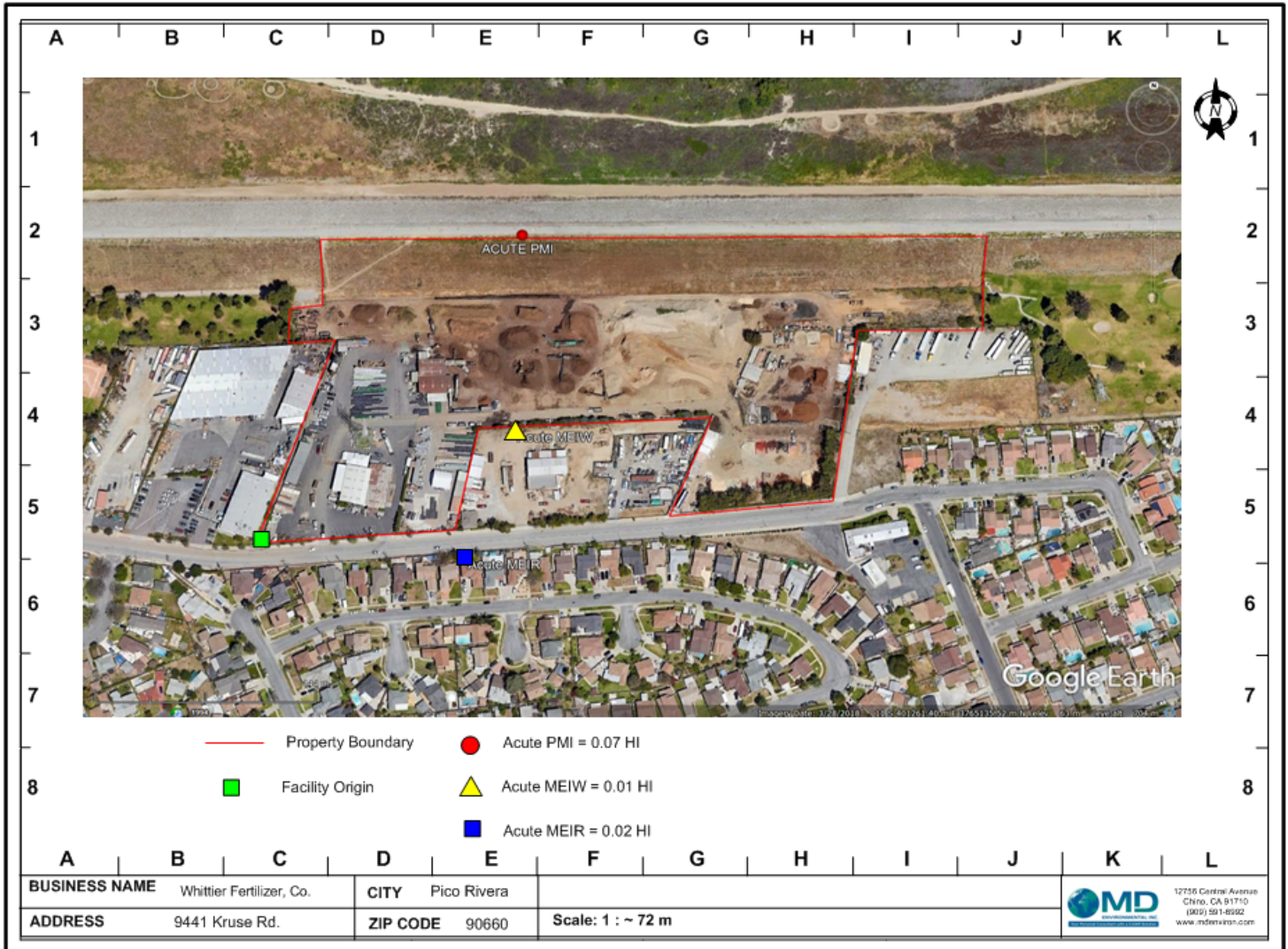


Figure 7. Population Exposures within the 1 in one million zone of impact.

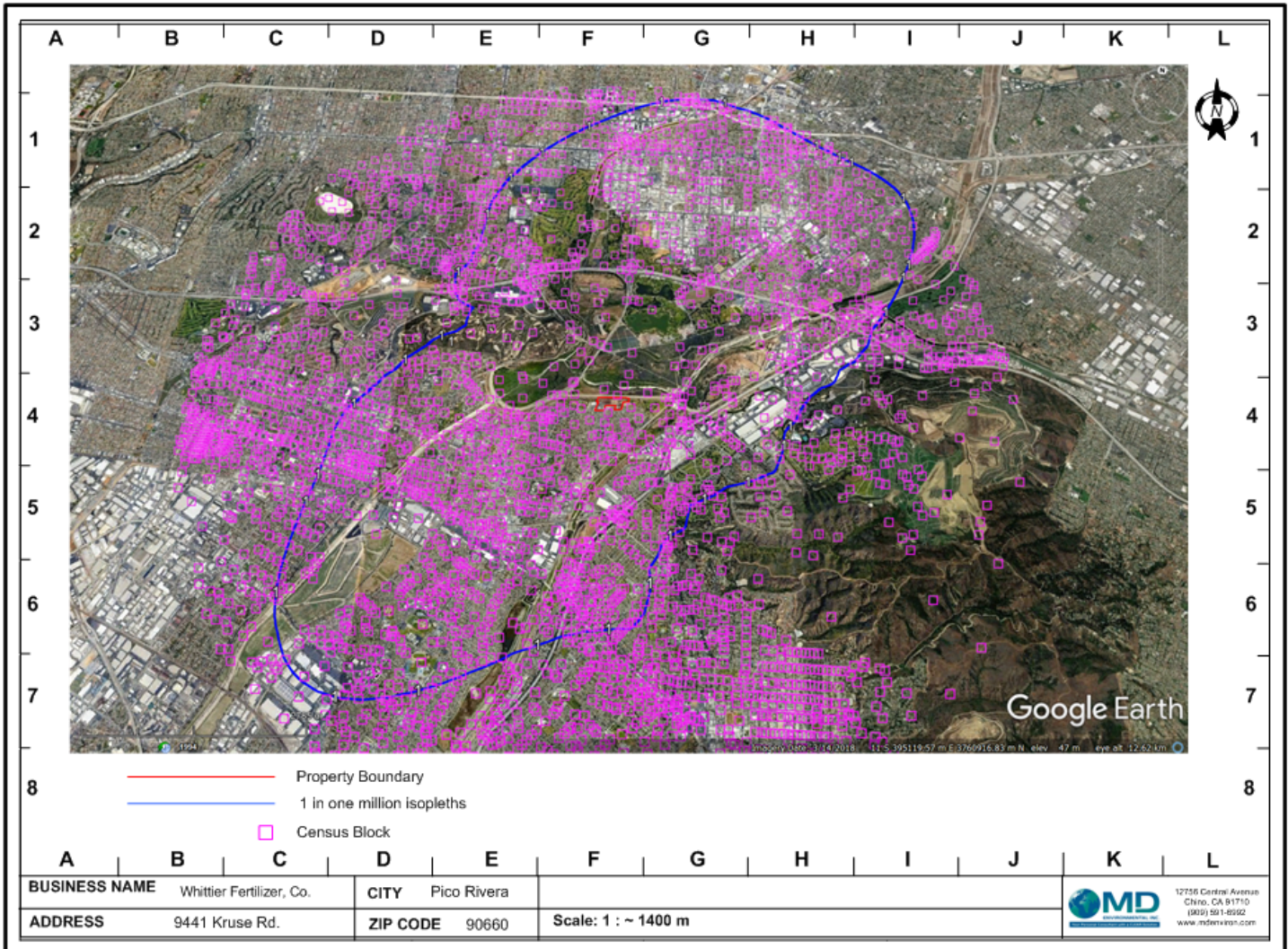
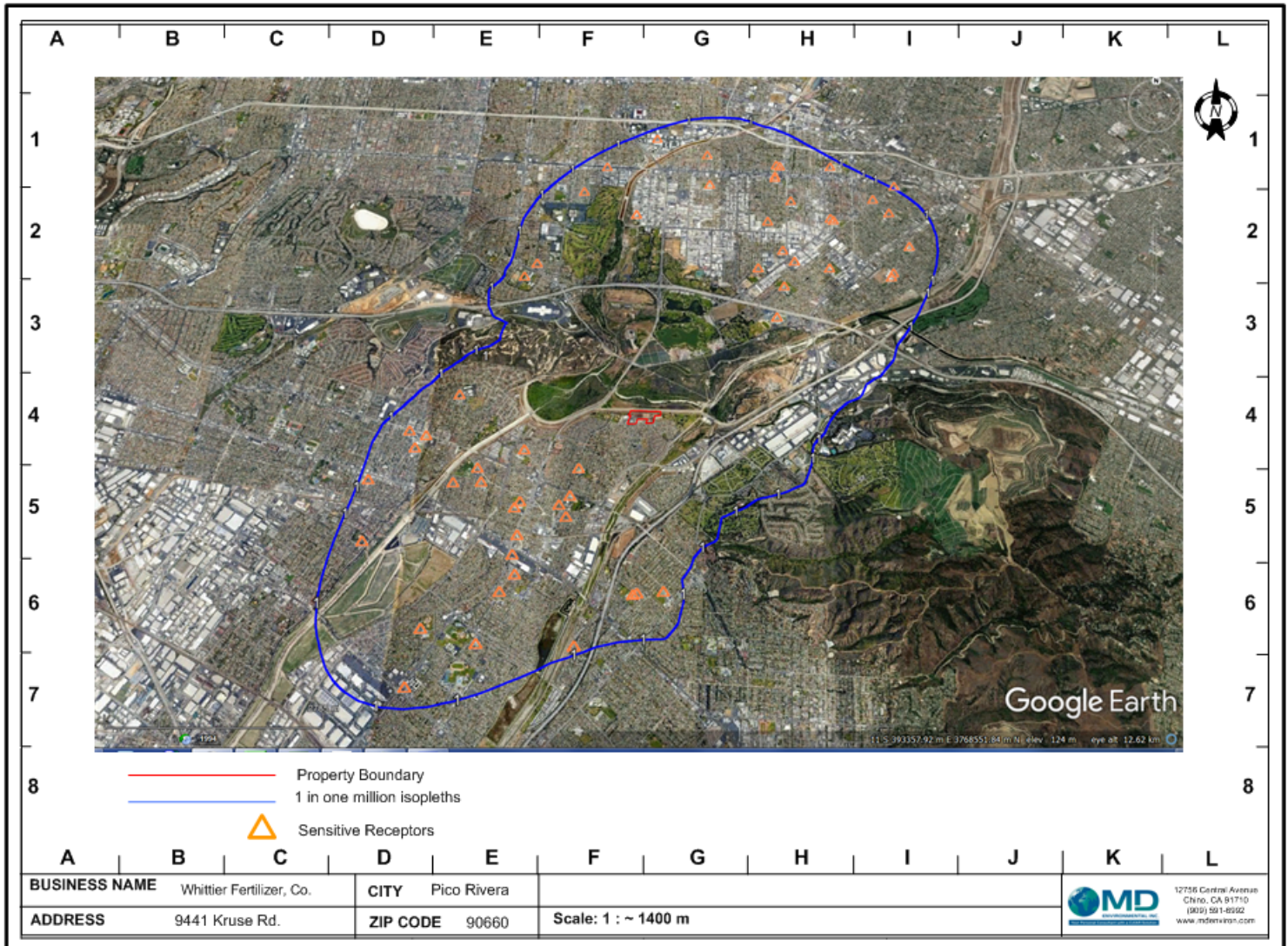


Figure 8. Sensitive Receptors within the 1 in one million zone of impact



7.0 Hazard Identification

The sources of ammonia and diesel exhaust particulate (DEP) toxic air contaminants (TACs) generated from Whittier through the process of green waste composting and the manufacturing of fertilizers, using diesel engines to operate equipments such grinder and aggregate screening.

Chemical Name	CAS #	Physical Form
Ammonia	7664417	Gas
Diesel Exhaust Particulate	9901	Gas/Solid

These two substances were evaluated for cancer risk and non-cancer chronic/acute risk health impacts. The health impacts evaluation were determined by air dispersion modeling under the worker and residential scenarios presented in the district's guidelines. Both substances have a potential cancer risk and non-cancer risk via inhalation routes of exposure.

Following the 2017 Annual Emission Reporting (AER) year, the district determined the facility was subjected to an air toxic inventory report (ATIR), which resulted in a health risk assessment to be completed for toxic air contaminants. Table 8 below lists all the sources that generated TACs and the total amount of emissions generated during the 2017 reporting year. There were no records or occurrences of any unauthorized releases of TACs into the atmosphere during the reporting year.

Table 8. 2017 Total Emission by Sources

Source Name	Chemical Name	CAS #	Annual Emission (lbs/yr)	Max. Hourly Emissions (lbs/hr)
Compost Piles	Ammonia	7664417	822.36	6.35E-01
McCloskey	Diesel Exhaust Particulate	9901	514.66	7.31E-02
Rotochopper	Diesel Exhaust Particulate	9901	193.62	1.98E-02
Deutz Ag	Diesel Exhaust Particulate	9901	134.84	1.64E-03

8.0 Exposure Assessment

Facility Name: Whittier Fertilizer, Co.

Facility ID Number: 511

Facility Address: 9441 Kruse Road
Pico Rivera, CA 90660-1492

8.1. Facility Description

Whittier Fertilizer, Co. is a fertilizer manufacturing and green waste composting facility located under the Universal Transverse Mercator (UTM) Zone 11 at coordinates 401,393.3 meters East (X) and 3,764,804 meters North (Y) with an estimated 61 meters elevation above sea level. The facility operates 5 days a week, 8 hours per day, within a 17 acres property boundary. The facility plot plan (noted in Figure 1 in the Tables and Figures above) consists of three portable diesel-fueled internal combustion engines (ICEs) and three piles of green waste composting materials sources that contributes toxic air contaminants (TACs) and are evaluated within this health risk assessment. These sources are located center north within the facility boundary in an open area. There are two buildings located within the property that are used for office space, product packaging and product storage. The building dimensions can be found the Emission Inventory Module (EIM) file that is attached separately with this report.

There are currently no site/route dependent exposure pathways other than the default pathways assumed within ADMRT and are under the district's health risk assessment supplemental guideline.

8.2. Emission Inventory

The facility operates 8 hours per day, 5 days per week, and 52 weeks per year. The facility's sources emissions were determined and calculated based on operating records such as total annual hours usage and total annual tonnage of green waste material processed. Currently, there is a diesel particulate filter control installed on one of the source (Rotochopper) that has an 85% control efficiency. Table 9 below summarizes the facility's total emission by sources and their release substance. The emission calculations can be found in the Appendix.

Table 9. Emission Inventory Summary

EIM Stack ID	Source Name	UTM Coordinates (m)	Base Elevation (m)	Source Height (m)	Sources Dimensions (m)	Stack Exhaust Flow Rate (CFM)	Stack Gas Exit Temp. (K)	Chemical Releases	CAS #	Annual Emission (lbs/yr)	Max. Hourly Emission (lbs/hr)	Annual Emission (g/s)
1	Compost Pile	401,533.41 (X), 3,764,966.20 (Y)	61	4.57	27.43 (L) x 15.24 (W) x 4.57 (H)	N/A	N/A	Ammonia	7664417	822.36	6.35E-01	8.00E-02
584581	McCloskey	401,594.33 (X), 3,764,949.02 (Y)	61	3.04	0.095 (Stack Dia.)	1,166	763.15	Diesel Exhaust Particulate	9901	514.66	7.31E-02	9.21E-03
584583	Rotochopper	401,505.18 (X), 3,764,959.53 (Y)	61	3.96	0.12 (Stack Dia.)	2,818	715.37	Diesel Exhaust Particulate	9901	193.62	1.98E-02	2.50E-03
584587	Deutz Ag	401,593.17(X), 3,764,938.98 (Y)	61	1.83	0.069 (Stack Dia.)	464.9	763.15	Diesel Exhaust Particulate	9901	134.84	1.64E-03	2.06E-04

8.3. Air Dispersion Modeling

The latest air dispersion modeling software used to perform the health risk assessment for the facility is HARP2 - ADMRT Version 19121 provided by CARB. Ground Level Concentrations (GLCs) were performed at the sources and beyond the facility's boundary using emissions inventory module (EIM) and AERMOD-ready meteorological data station from CARB. The meteorological data station or nearest station to the facility was Pico Rivera has a time period starting from 2010 through 2016 and a base elevation of 58 meters. The terrain assumed within the HARP2 – ADMRT software was UTM WGS84, Zone 11, and Datum 4. There was a total of nine AERMAP Digital Elevation Model (DEM) used in this air dispersion modeling evaluation.

The modeling options and parameters used to determine the health impacts for all receptors were assumed from SCAQMD health risk assessment supplemental guidelines. The facility total area is approximately 17 acres, with the maximum allowance receptor grid spacing of 50 meters. The property boundary receptor utilizes points determining the facility boundary with a 50 meters grid spacing resulting in 39 receptors. The Cartesian grid was set at two different spacing. At 300 meters grid spacing allow the visual determination of the 1 in one million zone of impact. At 10 meter spacing allow a more accurate determination of the cancer and non-cancer health risk. The Census receptors were obtained by importing from the HARP database based on year 2010. Lastly, the sensitive receptors were individually evaluated within the 1 in one million isopleths. Table 10 below summarizes the air dispersion model options. All HRA input and output files are included in this report.

Table 10. Air Dispersion Model Options

Control Pathway	Dispersion Option	Regulatory Default
Urban Option	Population:	9,818,605
	Name:	Los Angeles
	Roughness Length:	1.0
Receptor Pathway	Assumed Flg Pole Height:	1.2 m
Cartesian Grid	Grid Spacing	300m and 10m spacing
Property Boundary Receptors	Grid Spacing	50 meters
Census Receptors	Taken from HARP database in	
Meteorology Pathway	Station Name	Pico Rivera
	Base Elevation	58 m
	Surface Station Number	3166
	Upper Air Station Number	3190
	On-Site station	99999
	Year	2010
Terrain Option	UTM Coordinates (m), WSG84, Zone 11, Datum 4	401,393.3 (E), 3,764,804 (N)
	AERMAP DEM Locations:	El Monte
		Baldwin Park
		La Habra
		Los Angeles
		South Gate
		Whittier
		Azusa
		Mt. Wilson
		Pasadena
Building Washdown	Include Building Washdown in the Dispersion Run	
Run AERMOD.EXE	Version	AERMOD.EXE

8.4 Concentrations for all Substances

The concentrations at the PMI, MEIR, and nearest sensitive receptor were evaluated and determined based on the residential 30-years cancer risk scenario, whereas the MEIW was evaluated based on the Worker 25-year cancer risk scenario. Table 11 below summarizes the annual concentration by substances.

Table 11. Annual Concentration by Substances

Substances Name	CAS #	PMI (ug/m ³)	MEIW (ug/m ³)	MEIR (ug/m ³)	Nearest Sensitive Receptor (ug/m ³)
Ammonia	7664417	2.35E+00	4.80E-01	2.24E-01	1.99E-02
Diesel Exhaust Particulate	9901	2.27E-01	1.74E-01	9.21E-02	1.17E-02

The Maximum 1-hour and period average concentrations by substances at the PMI, MEIW, and MEIR are listed below in Tables 12 and 13.

Table 12. Maximum 1-Hour Concentration by Substances

Substances Name	CAS #	PMI (ug/m ³)	MEIW (ug/m ³)	MEIR (ug/m ³)
Ammonia	7664417	1.13E+02	6.72E+01	3.07E+01
Diesel Exhaust Particulate	9901	1.20E+00	1.75E+00	6.89E-01

Table 13. Period Average Concentration by Substances

Substances Name	CAS #	PMI (ug/m ³)	MEIW (ug/m ³)	MEIR (ug/m ³)
Ammonia	7664417	1.84E+00	3.84E-01	2.07E-01
Diesel Exhaust Particulate	9901	2.26E-01	1.72E-01	9.18E-02

9.0 Risk Characterization and Results

Table 14 below summarizes the risk, hazard index and cancer burden at the modeled PMI, MEIW, MEIR, and nearest sensitive receptor. The maximally exposure individual for residential, worker and sensitive receptors were evaluated within the 1, 10, 25, and 100 in one million zone of impact. Figure 3 in the above Tables and Figures section illustrates the zone of impact isopleths. All cancer and non-cancer risk scenarios exposure pathway is by inhalation and exposure of ammonia and/or diesel exhaust particulates TACs. There were no other site-specific or route exposure pathways determined for this health risk assessment. The cancer and non-cancer risk for the PMI, MEIW, and MEIR by sources are summarized in Table 15 below.

9.1. MEIR Cancer Risk Exposure Assessment

The maximally exposure individual resident (MEIR) 30-year exposure is located south of the facility's and is approximately 160 meters away from the sources across Kruse Road. The residential layout is a typical suburban neighborhood community. The district's default exposure pathways were used when evaluating the health risk impact. The exposure pathways were inhalation, soil ingestion, dermal ingestion, mother's milk, and homegrown produce with a deposition rate of 0.02 m/s. Within the dermal ingestion pathway option, the climate was default as "warm" as stated in the district's supplemental guideline. The intake rate percentile was set as "RMP using the Derived Method," which is default option stated in the district's supplemental guideline for this scenario. The targeted organ for residential exposure is the respiratory system through inhalation.

9.2 MEIW Cancer Risk Exposure Assessment

The maximally exposure individual worker (MEIW) 25-year exposure is located south of the facility just outside the property boundary approximately 65 meters away from the sources. The worker exposure is located within a commercial business. The exposure pathways used for this risk scenario were inhalation, soil ingestion, and dermal ingestion with a deposition rate of 0.02 m/s, intake rate percentile set as "OEHHA Derived Method," and the 8-hour breathing rate set as moderate intensity. The targeted organ for worker exposure is the respiratory system through inhalation.

9.3 Non-Cancer Risk Exposure Assessment

The residential non-cancer chronic hazard index (HIs) was determined using the same scenario as the residential cancer risk, but with the intake rate percentile set as "OEHHA Derived Method." The worker non-cancer chronic risk hazard index (HIs) was determined using the same scenario as the worker cancer risk mentioned in the above section 9.2. The non-cancer 8-hour chronic risk hazard index (HIs) was determined under the residential as the receptor type option. Additionally, the worker receptor type option was also evaluated and both scenarios resulted in no risks. The non-cancer acute risk hazard index (HIs) was determined under no specific receptor type with the pathway evaluated for inhalation. The targeted organ for all non-

cancer risk is the respiratory system through inhalation. The results are summarized in the following Table 14 below.

9.4. Population Exposure 70-year Cancer Burden

The air dispersion scenario for the 70-year population wide exposure scenario mimics the worker cancer risk scenario described in section 9.2, but with the exposure duration of 70-year. The census data was imported from HARP 2010 census database and the list of census receptors can be found in the Appendix. The population exposed to total cancer risk greater than 1 in one million was determined to be 176,342 with a cancer burden of 0.46. Majority of the population with the cancer risk greater than 1 in one million was located south of the facility. Figure 7 in the Tables and Figures section above illustrates the census data within the 1 in one million zone of impact.

9.5 Sensitive Receptors Risk Exposure Assessment.

Sensitive receptors were evaluated under the residential cancer risk scenario. A total of 57 sensitive receptors (hospitals, schools, and daycare centers) were within the 1 in one million zone of impact. The list of sensitive receptors can be found in Table 7 above. There were no sensitive receptors within the 10 in one million zone of impact. The nearest sensitive receptor is Durfee Elementary School, which is approximately 3,600 ft away from the sources. The exposure pathway for all sensitive receptors is inhalation, targeting the respiratory system. Table 14 below summarizes the cancer and non-cancer risk for the nearest sensitive receptor.

Table 14. Summary of Risk, Hazard Index, and Cancer Burden**Summary of Cancer Risk Exposure Assessment**

Maximum Risk Exposure	UTM Coordinates (m)	Grid Receptor ID Number	Cancer Risk	Source Name	Substances	Potential Multipathway	Target Organ(s)
Point of Maximum Impact (PMI)	401,615 (X), 3,765,025 (Y)	8287	169 in one million	McCloskey, Rotochopper, Deutz Ag	Diesel Exhaust Particulate	Inhalation	Respiratory System
Maximally Exposed Individual Resident (MEIR)	401,515 (X), 3,764,795 (Y)	5977	69 in one million	McCloskey, Rotochopper, Deutz Ag	Diesel Exhaust Particulate	Inhalation	Respiratory System
Maximally Exposed Individual Worker (MEIW)	401,565 (X), 3,764,885 (Y)	6882	11 in one million	McCloskey, Rotochopper, Deutz Ag	Diesel Exhaust Particulate	Inhalation	Respiratory System
Nearest Sensitive Receptor	400,746.23 (X), 3,763,990.71 (Y)	12030	9 in one million	McCloskey, Rotochopper, Deutz Ag	Diesel Exhaust Particulate	Inhalation	Respiratory System

Summary of Non-Cancer Risk Exposure Assessment

Maximum Risk Exposure	UTM Coordinates (m)	Grid Receptor ID Number	Non-Cancer Chronic Risk (HIs)	UTM Coordinates (m)	Grid Receptor ID Number	Non-Cancer Acute Risk (HIs)	8-Hr Chronic Risk (HIs)	Source Name	Substances	Potential Multipathway	Target Organ(s)
Point of Maximum Impact (PMI)	401575 (X), 3765025 (Y)	8283	0.06	401,565 (X), 3,765,025 (Y)	8282	0.07	0.00	Compost Piles, McCloskey, Rotochopper, Deutz Ag	Diesel Exhaust Particulate	Inhalation	Respiratory System
Maximally Exposed Individual Resident (MEIR)	401,505 (X), 3,764,795 (Y)	5976	0.02	401,565 (X), 3,764,885 (Y)	6882	0.02	0.00	Compost Piles, McCloskey, Rotochopper, Deutz Ag	Diesel Exhaust Particulate	Inhalation	Respiratory System
Maximally Exposed Individual Worker (MEIW)	401,555 (X), 3,764,885 (Y)	6881	0.04	401,535 (X), 3,764,795 (Y)	5979	0.01	0.00	Compost Piles, McCloskey, Rotochopper, Deutz Ag	Diesel Exhaust Particulate	Inhalation	Respiratory System
Nearest Sensitive Receptor	400,746.23 (X), 3,763,990.71 (Y)	12030	0.0024	400,746.23 (X), 3,763,990.71 (Y)	12030	0.00074	0.00	Compost Piles, McCloskey, Rotochopper, Deutz Ag	Diesel Exhaust Particulate	Inhalation	Respiratory System

Population Exposure 70-Years Residential Cancer Risk

Total Cancer Risk	Population	Cumulative Cancer Burden
Greater Than...		
1 in a million	176,342	0.46
10 in a million	5,233	0.1
100 in a million	0	0.0

Table 15. Cancer and Non-Cancer Risk by Sources Summary

				Cancer Risk		
Source ID	Source Name	Chemical Name	CAS #	PMI (in one million)	MEIW (in one million)	MEIR (in one million)
Receptor Number				UTM Cooridnates (m)	UTM Cooridnates (m)	UTM Cooridnates (m)
				401,615 (X), 3,765,025 (Y)	401,565 (X), 3,764,885 (Y)	401,515 (X), 3,764,795 (Y)
Receptor Number				8287	6882	5977
S0001	Compost Piles	Ammonia	7664417	0.0000E+00	0.0000E+00	0.0000E+00
S0002	McCloskey	Diesel Exhaust Particulate	9901	1.0259E-04	5.2238E-06	3.9980E-05
S0003	Rotochopper	Diesel Exhaust Particulate	9901	1.2377E-05	5.3118E-07	3.6550E-06
S0004	Deutz Ag	Diesel Exhaust Particulate	9901	5.3844E-05	4.9996E-06	2.4949E-05

				Chronic Risk			Acute Risk			8-Hour Chronic Risk		
Source ID	Source Name	Chemical Name	CAS #	PMI (His)	MEIW (His)	MEIR (His)	PMI (His)	MEIW (His)	MEIR (His)	PMI (His)	MEIW (His)	MEIR (His)
Receptor Number				UTM Cooridnates (m)	UTM Cooridnates (m)	UTM Cooridnates (m)	UTM Cooridnates (m)	UTM Cooridnates (m)	UTM Cooridnates (m)	UTM Cooridnates (m)	UTM Cooridnates (m)	UTM Cooridnates (m)
				401,575 (X), 3,765,025 (Y)	401,555 (X), 3,764,885 (Y)	401,505 (X), 3,764,795 (Y)	401,565 (X), 3,765,025 (Y)	401,535 (X), 3,764,795 (Y)	401,565 (X), 3,764,885 (Y)	401,615 (X), 3,765,025 (Y)	401,565 (X), 3,764,885 (Y)	401,515 (X), 3,764,795 (Y)
Receptor Number				8283	6881	5976	8282	5979	6882	0.00	0.00	0.00
S0001	Compost Piles	Ammonia	7664417	0.025	0.003	0.001	0.068	0.010	0.023	0.00	0.00	0.00
S0002	McCloskey	Diesel Exhaust Particulate	9901	0.020	0.017	0.011	0.000	0.000	0.000	0.00	0.00	0.00
S0003	Rotochopper	Diesel Exhaust Particulate	9901	0.005	0.002	0.001	0.000	0.000	0.000	0.00	0.00	0.00
S0004	Deutz Ag	Diesel Exhaust Particulate	9901	0.013	0.016	0.007	0.000	0.000	0.000	0.00	0.00	0.00

10.0 Conclusions

The cancer risk for residential and workers were 69 and 11 in one million respectively. Since the result for each risk variable was greater than the 10 in one million threshold found in Table 3 of the district's supplemental guidelines, public notification is required for the residential and businesses located south of the facility. The non-cancer chronic, acute and 8-hour hazard indices were below the 1.0 HI. The cancer burden within the 1, 10 and 100 in one million zone of impact were 0.46, 0.1, and 0.00 respectively, which is below the 0.50 excess cancer case thresholds. However, risk reduction level is required for cancer risk greater than 25 in a million thresholds.

11.0 References

1. California Air Resources Board (CARB) (2019). Hotspots Analysis and Reporting Program. [online] Ww3.arb.ca.gov. <https://ww3.arb.ca.gov/toxics/harp/harp.htm>
2. South Coast Air Quality Management District (SCAQMD), 2019. “SCAQMD Modeling Guidance for AERMOD.” <http://www.aqmd.gov/docs/default-source/planning/risk-assessment/ab-2588-supplemental-guidelines-201809.pdf?sfvrsn=6>
3. Office of Environmental Health Hazard Assessment (OEHHA), 2015. “Air Toxics Hot Spots Program. Risk Assessment Guidelines. Guidance Manual for Preparation of Risk Assessments.” October 2019. <https://oehha.ca.gov/air/crrr/notice-adoption-air-toxics-hot-spots-program-guidance-manual-preparation-health-risk-0>

Appendix

Census Receptors

Whittier Fertilizer Co.
 Facility ID: 511
 2019 Health Risk Assessment

Census Receptors

Track No.	Block No.	UTM Coordinates (X) meters	UTM Coordinates (Y) meters	Elevation (m)	Population
408302	1000	406388.4224	3767666.93	0	0
408302	1005	406702.4915	3767753.094	0	0
408302	1006	406767.4573	3767844.385	0	0
408302	1015	406796.7168	3767535.362	0	0
408302	1022	406915.6969	3767299.865	0	0
408302	1023	406472.5375	3767183.92	0	0
408302	1024	406695.4722	3767070.487	0	0
408302	1035	407063.1346	3767197.498	0	98
408302	1036	406998.7669	3767251.472	0	109
408302	1037	406566.8235	3766897.54	0	100
408302	1038	407050.318	3767105.248	0	137
408302	1039	406913.5705	3766971.634	0	69
408302	1040	406768.8801	3766791.302	0	272
408302	1041	407063.6676	3766791.835	0	57
408302	1045	406649.5422	3766607.838	0	77
408302	1046	406814.0335	3766642.367	0	0
408302	1047	407052.9158	3766740.596	0	0
408302	1048	406580.7861	3766544.975	0	0
408302	1049	406357.7577	3766463.788	0	2
408302	1050	406094.7851	3766581.398	0	216
408302	1051	406314.8752	3766561.802	0	76
408302	1052	406227.0987	3766526.964	0	63
408302	1053	406103.6626	3766861.544	0	0
408302	1054	405646.1316	3766705.635	0	0
408302	1055	405572.4323	3766758.493	0	0
408302	1056	405447.6432	3766844.577	0	0
408302	1057	406204.5701	3767261.432	0	0
408302	1058	406092.5457	3767340.616	0	0
408302	1059	405883.3501	3766487.354	0	0
408302	1060	405607.2849	3766689.278	0	0
408302	1061	405545.1308	3766733.371	0	0
408302	1062	405292.6297	3766880.84	0	0
408302	1063	405342.7793	3767002.545	0	0
408302	1064	405477.9439	3766671.164	0	0
408302	1065	405193.5539	3766750.532	0	0
408302	1066	405322.7684	3766700.775	0	0
408302	1067	405446.3566	3766688.336	0	0
408302	1068	405033.1638	3766600.991	0	0
408302	1069	405167.1213	3766600.533	0	0
408302	1070	404821.1681	3766681.528	0	0
408302	1071	404758.3696	3766716.317	0	0
408302	1072	404722.3952	3766737.75	0	0
408302	1073	404964.0531	3766861.96	0	0
408302	1074	404953.2486	3766890.034	0	0
408302	1075	404692.1091	3766746.484	0	0
408302	1076	404575.6477	3766687.442	0	0
408302	1077	405243.5692	3766499.626	0	0
408302	1078	405311.2452	3766518.244	0	0
408302	1079	405096.6059	3766492.229	0	0
408302	1080	404973.4828	3766514.426	0	0
408302	1081	404726.7839	3766632.797	0	0
408302	1082	404651.368	3766661.504	0	0
408302	1083	404604.4457	3766677.614	0	0
408302	1084	404381.3646	3766565.424	0	0
408302	1085	404358.693	3766578.517	0	0
408302	1086	404769.1626	3766440.63	0	312
408302	1087	404541.8008	3766224.901	0	147
408302	1088	404777.7314	3766273.977	0	129
408302	1089	404653.378	3766220.226	0	174
408302	1090	404427.3657	3766303.02	0	93
408302	1091	404436.748	3766509.526	0	0
408302	1092	405375.9852	3766511.052	0	0
408302	1093	405441.1884	3766577.824	0	0
408302	1094	405512.284	3766366.077	0	0
408302	1095	405522.8933	3766660.734	0	0
408302	1096	405549.0243	3766642.618	0	0
408302	1097	405584.4908	3766671.762	0	0
408302	1098	405878.0276	3766397.914	0	14
408302	1099	405646.0751	3766598.288	0	0
408302	1100	405571.3491	3766511.537	0	0
408302	1101	405708.4213	3766351.254	0	0
408302	1102	405816.0583	3766247.823	0	0
408302	1103	404621.3024	3765951.182	0	0
408302	1104	404865.4869	3766122.495	0	0
408302	1105	404997.6998	3766434.559	0	0
408302	1106	405051.7665	3766394.204	0	0
408302	1107	404970.4337	3766284.679	0	0
408302	1108	405178.8655	3766400.025	0	0
408302	1109	405380.3557	3766283.671	0	0
408302	1110	405352.0851	3766374.002	0	0
408302	1111	404446.1741	3765944.301	0	0
408302	1112	404313.3032	3766116.87	0	0
408302	1113	404295.1482	3765846.687	0	0
408302	1114	405838.9164	3767309.206	0	0

Census Receptors

Track No.	Block No.	UTM Coordinates (X) meters	UTM Coordinates (Y) meters	Elevation (m)	Population
408302	1115	404461.2367	3765826.82	0	0
408302	1116	404248.7936	3765691.347	0	0
408302	1117	404239.9186	3765717.608	0	0
408302	1118	405286.315	3766296.922	0	0
408302	1119	405163.6317	3766335.636	0	0
408302	1120	405391.5307	3766219.461	0	0
408303	1004	407093.9654	3766333.427	0	528
408303	1005	406571.6513	3766498.821	0	58
408303	1006	407192.353	3766396.003	0	100
408303	1007	406917.568	3766365.326	0	95
408303	1008	406370.0577	3766447.254	0	0
408303	1009	406612.526	3766346.822	0	135
408303	1013	406978.972	3766675.563	0	69
408303	1014	407001.7129	3766612.905	0	148
408303	1015	407068.579	3766512.108	0	273
408303	1016	406669.9717	3766460.921	0	96
408303	1024	406776.0911	3766212.132	0	0
408303	1025	406306.553	3766132.162	0	214
408303	1026	405996.9394	3766230.497	0	0
408303	1027	406023.3482	3766175.119	0	0
408303	1028	405978.7048	3766272.264	0	0
408303	1029	405920.8854	3766149.412	0	180
408303	1030	405687.1354	3766188.893	0	0
408303	1031	405750.1578	3766129.6	0	0
408303	1032	405793.351	3766146.469	0	0
408303	1033	405899.787	3766024.088	0	0
408303	1034	406629.1296	3766102.355	0	0
408303	1035	406136.7251	3766109.894	0	112
408303	1038	405847.9346	3766018.505	0	0
408303	1039	405721.966	3766089.404	0	0
408303	1040	405586.5302	3766164.391	0	0
408303	1041	405550.9321	3766159.202	0	0
408303	1042	405482.1278	3766120.3	0	5
408303	1043	405288.0318	3766090.527	0	0
408303	1044	405487.1336	3766029.98	0	202
408303	1045	405787.9381	3766011.008	0	0
408402	3001	407230.0948	3766093.109	0	0
408402	3002	406937.968	3766083.672	0	0
408402	3003	407181.856	3765994.664	0	44
408402	3004	406804.625	3766081.548	0	0
408402	3005	406631.2366	3766063.298	0	0
408402	3006	406313.7095	3765894.774	0	0
408402	3007	406256.5247	3765965.982	0	0
408402	3008	406436.8023	3765905.753	0	0
408402	3009	406592.4556	3765950.901	0	0
408402	3010	406746.5275	3765957.585	0	0
408402	3011	406869.5771	3765889.391	0	0
408402	3012	406911.5286	3765883.433	0	0
408402	3013	407009.1544	3765877.37	0	0
408402	3014	407060.5065	3765897.825	0	0
408402	3015	407129.7234	3765894.704	0	4
408402	3018	407321.7203	3765936.734	0	40
408402	3019	407375.4064	3765922.235	0	55
408402	3021	407333.1994	3766024.562	0	86
408402	3022	407266.9125	3765949.803	0	54
408402	3023	407209.7564	3765958.792	0	42
408402	3024	406643.9203	3765842.49	0	0
408402	3025	406510.4131	3765842.812	0	0
408402	3026	406255.4292	3765855.54	0	0
408402	3027	405844.5261	3765861.732	0	0
408402	3028	405391.385	3765826.778	0	0
408402	3029	405497.837	3765964.666	0	0
408402	3030	404950.8626	3765752.462	0	0
408402	3031	405155.3623	3765714.033	0	0
408402	3032	404785.7613	3765833.858	0	0
408402	3033	404359.2657	3765722.832	0	0
408402	3034	404767.4395	3765985.638	0	0
408402	3035	405037.4855	3766231.773	0	0
408402	3036	405422.2376	3765412.937	0	0
408402	3037	405453.2711	3765127.623	0	0
408402	3038	405394.1982	3765665.063	0	0
408402	3039	405802.9737	3765722.417	0	0
408402	3040	405522.4548	3765758.042	0	0
408402	3041	405265.0749	3765826.713	0	0
408402	3042	406565.136	3765419.536	0	0
408402	3043	406532.7487	3765683.234	0	0
408402	3044	406234.0331	3765681.202	0	0
408402	3045	406181.6683	3765689.263	0	0
408402	3046	406600.7978	3765786.027	0	0
408402	3047	406338.6399	3765717.87	0	0
408402	3048	406479.0256	3765731.339	0	0
408402	3049	406764.0818	3765809.033	0	0
408402	3050	407006.4038	3765841.8	0	0
408402	3051	407033.2073	3765863.383	0	0
408402	3052	407158.6014	3765854.942	0	0
408402	3054	407332.1552	3765767.405	0	0
408402	3055	406882.9358	3765839.578	0	0
408402	3056	406818.894	3765843.203	0	0
408402	3057	406767.8312	3765824.078	0	0
408402	3058	406555.2528	3765802.113	0	0
408402	3059	406474.2589	3765800.142	0	0
408402	3060	406357.9174	3765818.372	0	0
408402	3061	407212.9399	3765568.297	0	0
408402	3062	407013.1806	3765366.878	0	0
408402	3063	406746.6427	3764921.041	0	0

Census Receptors

Track No.	Block No.	UTM Coordinates (X) meters	UTM Coordinates (Y) meters	Elevation (m)	Population
408402	3064	406813.9725	3765222.236	0	0
408402	3065	406071.3976	3765147.744	0	0
408402	3066	406450.9988	3765744.924	0	0
408402	3067	406519.1632	3764477.376	0	0
408402	3068	407010.9345	3764471.973	0	0
408402	3069	407298.1949	3763885.732	0	0
408402	3070	407368.7643	3765169.098	0	0
408402	3090	405574.3327	3765063.535	0	0
408402	3091	405495.6225	3764995.123	0	0
408402	3092	405260.1499	3765031.303	0	0
408402	3093	404601.5965	3765462.437	0	0
408402	3094	404319.9016	3765236.394	0	0
408402	3100	404268.7241	3765562.394	0	0
408402	3109	405528.599	3765827.734	0	0
408402	3112	406777.2111	3763478.876	0	0
432700	2024	403312.473	3770626.281	0	0
432700	2026	403566.9783	3770480.064	0	0
432700	2028	403164.3668	3770546.511	0	0
432700	2029	403190.8823	3770531.379	0	0
432700	2030	403487.9535	3770387.163	0	0
432700	2031	403714.0244	3770320.533	0	0
432801	2008	403145.8122	3770698.854	0	0
432801	2009	403251.1019	3770617.151	0	0
432801	2010	403163.5489	3770646.661	0	0
432802	2001	402590.1962	3770809.151	0	0
432802	2003	402684.9658	3770799.634	0	29
432802	2004	402691.3233	3770762.861	0	33
432802	2005	402674.1598	3770834.567	0	29
432901	2001	401337.547	3770890.147	0	0
432901	2010	400847.7097	3770794.032	0	1
432901	2011	400965.246	3770808.323	0	0
432901	2012	400992.0126	3770808.708	0	0
432901	2013	401292.9229	3770726.484	0	0
432901	2014	401022.9272	3770799.844	0	1
432901	2015	401212.8407	3770895.999	0	0
432901	2016	400877.9599	3770695.568	0	0
432901	2017	400992.3045	3770695.809	0	0
432901	2018	400992.2266	3770714.774	0	0
432901	2019	401106.2367	3770718.347	0	0
432901	2020	401388.6812	3770696.76	0	0
432901	2021	401585.5829	3770808.375	0	572
432902	1011	402563.6201	3770809.314	0	35
432902	1012	402562.6691	3770708.296	0	0
432902	1013	402558.2836	3770694.701	0	0
432902	2006	402469.7171	3770795.535	0	107
432902	2007	402384.0383	3770836.344	0	56
432902	2008	402499.9083	3770707.613	0	0
432902	2009	402484.2743	3770695.022	0	0
432902	3005	402036.8573	3770924.336	0	130
432902	3007	402072.2378	3770741.098	0	127
432902	3008	402384.8252	3770707.251	0	0
432902	3009	402092.1034	3770698.972	0	0
433101	1000	403171.065	3770057.05	0	245
433101	1001	403016.8911	3769836.837	0	77
433101	1002	403183.2071	3769864.185	0	337
433101	1003	403103.7358	3769674.7	0	277
433101	1004	403304.1937	3769674.086	0	79
433101	2000	402980.9844	3770635.339	0	0
433101	2001	402854.2671	3770688.211	0	0
433101	2002	402824.0798	3770705.156	0	0
433101	2003	402689.4894	3770710.314	0	0
433101	2004	402590.6182	3770707.009	0	0
433101	2005	402175.9983	3770681.911	0	0
433101	2006	402525.2309	3770675.413	0	0
433101	2007	401380.8369	3770679.098	0	0
433101	2008	402761.8779	3770507.955	0	0
433101	2009	402711.8073	3770646.206	0	0
433101	2010	402691.8177	3770676.577	0	0
433101	2011	402687.7034	3770689.262	0	0
433101	2012	401190.0641	3770650.93	0	0
433101	2013	401580.4584	3770653.282	0	0
433101	2014	402173.8467	3770661.306	0	0
433101	2015	402823.0283	3770612.013	0	0
433101	2016	402886.1486	3770620.678	0	0
433101	2017	402526.0833	3770579.255	0	0
433101	2018	402314.5721	3770580.112	0	0
433101	2019	401977.9997	3770579.721	0	0
433101	2020	401584.9079	3770469.365	0	0
433101	2021	401237.6735	3770464.787	0	0
433101	2022	401046.9759	3770497.06	0	0
433101	2023	401042.8756	3770581.275	0	0
433101	2024	401969.2865	3770407.253	0	0
433101	2025	402278.7034	3770449.402	0	0
433101	2026	402136.6669	3770279.757	0	0
433101	2027	401899.9295	3770029.7	0	0
433101	2028	403141.5095	3770558.39	0	0
433101	2029	401687.0214	3769871.113	0	0
433101	2030	401594.56	3770005.487	0	2
433101	2031	401484.7054	3769887.972	0	0
433101	2032	401536.3114	3770190.075	0	0
433101	2033	401341.4997	3770085.425	0	0
433101	2034	401459.0021	3770007.345	0	0
433101	2035	401594.0658	3769789.906	0	0
433101	2036	401571.5168	3769813.651	0	0
433101	2037	401564.6343	3769805.51	0	0

Census Receptors

Track No.	Block No.	UTM Coordinates (X) meters	UTM Coordinates (Y) meters	Elevation (m)	Population
433101	2038	401527.0135	3769838.513	0	0
433101	2039	401397.0972	3769726.864	0	0
433101	2040	401387.1799	3769802.378	0	0
433101	2041	402826.16	3770378.429	0	150
433101	2042	403248.1696	3770448.173	0	47
433101	2043	403135.39	3770375.804	0	181
433101	2044	402950.3568	3770205.703	0	147
433101	2045	402838.1161	3770266.853	0	219
433101	2046	402770.0823	3770148.782	0	98
433101	2047	402708.528	3770122.247	0	129
433101	2048	402662.7495	3770113.071	0	0
433101	2049	402485.8498	3770240.212	0	4
433101	2050	403054.2423	3770193.545	0	113
433101	2051	403163.8087	3770249.311	0	176
433101	2052	401493.3231	3769705.565	0	0
433101	2053	401579.2574	3769777.085	0	0
433101	2054	401468.1749	3769754.401	0	0
433102	1000	401866.8715	3769868.243	0	34
433102	1001	402078.6912	3770064.551	0	84
433102	1002	401816.2898	3769752.436	0	79
433102	1003	401774.0042	3769839.71	0	159
433102	1004	401695.7167	3769766.667	0	81
433102	1005	401650.6568	3769720.448	0	0
433102	1006	401645.3314	3769687.677	0	0
433102	1007	401577.372	3769667.093	0	0
433102	1008	401800.8598	3769670.976	0	135
433102	1009	402011.047	3769762.833	0	205
433102	1010	402236.8647	3769760.27	0	92
433102	1011	402393.8709	3769770.511	0	169
433102	1012	402429.8468	3769911.534	0	84
433102	1013	402440.8506	3770065.347	0	352
433102	1014	402634.0974	3769939.034	0	225
433102	1015	401990.399	3769667.564	0	84
433102	1016	402124.5422	3769680.145	0	66
433102	1017	402158.4224	3769743.228	0	25
433102	1018	402772.3775	3769762.39	0	415
433102	1019	402641.1451	3769745.445	0	217
433102	1020	402587.3834	3769651.514	0	0
433102	1021	402524.4197	3769783.8	0	123
433102	1022	402439.4383	3769669.788	0	143
433102	1023	402249.0933	3769666.656	0	10
433102	1024	402165.5233	3769662.531	0	47
433102	2000	402824.3744	3770016.809	0	0
433102	2001	402793.9411	3769983.188	0	316
433102	2002	402218.4194	3770002.108	0	1422
433102	2003	401999.2211	3769859.437	0	55
433102	2004	402911.9096	3769805.645	0	400
433102	2005	402909.5631	3769649.304	0	63
433200	2005	404572.529	3770069.058	0	147
433200	2009	404461.721	3770072.286	0	8
433200	2010	404450.1028	3769973.04	0	0
433200	2011	404725.1015	3769987.863	0	0
433200	2012	404901.5986	3769781.396	0	0
433200	2013	404751.7514	3769684.43	0	114
433200	2014	404674.4251	3769768.273	0	0
433200	2015	404507.3757	3769768.409	0	0
433200	2016	404469.6872	3769874.586	0	0
433200	2017	404751.8513	3769630.311	0	7
433200	2018	404511.6263	3769632.073	0	0
433200	2019	404387.2071	3769731.699	0	0
433200	2020	404335.4989	3769711.152	0	18
433200	2021	404324.9677	3769764.822	0	15
433200	2022	404252.3607	3769731.18	0	71
433200	2023	404146.21	3769702.648	0	69
433200	2024	404043.8055	3769697.7	0	65
433200	2025	403948.706	3769694.121	0	71
433200	2026	403846.4648	3769696.16	0	73
433200	2027	404510.4158	3769685.76	0	39
433200	2028	404361.179	3769631.378	0	0
433200	2029	404250.2499	3769632.281	0	0
433200	3003	404268.3152	3770230.39	0	0
433200	3004	404143.9586	3770235.201	0	0
433200	3005	404241.4	3770206.376	0	0
433200	3006	404252.378	3770178.651	0	0
433200	3007	404261.0966	3770091.952	0	52
433200	3008	404150.7683	3770106.047	0	49
433200	3009	404020.8376	3770125.555	0	85
433200	3010	403885.1253	3770148.228	0	64
433200	3011	403867.7185	3769979.619	0	63
433200	3012	403986.2433	3769927.4	0	140
433200	3013	404076.5696	3769915.613	0	103
433200	3014	404166.1095	3769917.254	0	87
433200	3015	404258.7195	3769912.211	0	92
433200	3016	404355.2222	3769908.793	0	0
433200	3017	404355.6485	3770078.351	0	53
433200	3018	403804.8095	3769828.996	0	77
433200	3019	403881.19	3769834.317	0	85
433200	4007	403909.7717	3770375.317	0	131
433200	4008	404035.5262	3770362.948	0	129
433200	4011	404011.6669	3770276.469	0	0
433200	4012	403945.2924	3770274.593	0	0
433200	4013	403966.3437	3770248.318	0	0
433200	4014	403927.0615	3770233.414	0	0
433200	4015	403717.5631	3770269.373	0	5
433200	4016	403388.2999	3770361.789	0	143

Census Receptors

Track No.	Block No.	UTM Coordinates (X) meters	UTM Coordinates (Y) meters	Elevation (m)	Population
433200	4017	403528.2145	3770245.024	0	110
433200	4018	403576.4255	3770140.176	0	194
433200	4019	403512.4929	3769880.775	0	850
433200	4020	403600.8517	3770019.714	0	179
433200	4021	403997.6828	3770208.187	0	0
433200	4025	403595.5115	3769686.632	0	128
433401	1000	404055.132	3769495.419	0	103
433401	1001	403955.4528	3769513.622	0	94
433401	1002	403856.0801	3769534.706	0	43
433401	1003	403901.1477	3769365.128	0	468
433401	1004	404060.4364	3769263.589	0	259
433401	1005	403918.3352	3769185.743	0	179
433401	1006	403851.6021	3769158.476	0	28
433401	1007	403909.4409	3769236.846	0	106
433401	1008	403906.8071	3769268.257	0	108
433401	1009	403969.0771	3769110.925	0	70
433401	1010	403947.8691	3769049.482	0	66
433401	1011	403850.4319	3769070.768	0	99
433401	1012	404030.9096	3768973.893	0	711
433401	2000	403695.9899	3769376.091	0	314
433401	2001	403456.5207	3769434.429	0	181
433401	2002	403747.4421	3769072.483	0	84
433401	2003	403634.5483	3769080.51	0	90
433401	2004	403531.3662	3769099.53	0	126
433401	2005	403533.8443	3769342.037	0	142
433401	2006	403431.2445	3769101.884	0	100
433402	1000	404831.2024	3769454.182	0	373
433402	1001	404594.5759	3769474.536	0	718
433402	1002	404653.7874	3769232.737	0	996
433402	2000	404345.2976	3769585.184	0	0
433402	2001	404247.5134	3769517.197	0	106
433402	2002	404156.5943	3769480.082	0	144
433402	2003	404162.3551	3769329.314	0	50
433402	2004	404275.0921	3769297.008	0	372
433402	2005	404375.7101	3769362.083	0	307
433402	2006	404322.2118	3769019.398	0	27
433402	2007	404164.5011	3769222.498	0	228
433402	2008	404659.3447	3769061.012	0	712
433402	2009	404657.9114	3768919.078	0	549
433402	2010	404252.2954	3768905.772	0	194
433403	1017	405019.2457	3769687.058	0	75
433403	1018	404943.6128	3769847.622	0	11
433403	1019	404929.9377	3769763.589	0	21
433403	1020	405170.2303	3769649.498	0	9
433403	2000	405213.7455	3769506.891	0	186
433403	2001	405083.4417	3769508.644	0	184
433403	2002	404959.2311	3769510.559	0	94
433403	2003	405083.4764	3769273.431	0	1502
433403	2004	405041.1581	3769094.536	0	228
433403	2005	405040.9124	3769024.23	0	246
433403	2006	404959.0095	3768920.145	0	83
433403	3001	405359.5836	3769314.685	0	359
433501	1000	402119.9839	3769560.977	0	70
433501	1001	402028.5223	3769561.371	0	103
433501	1002	401956.4293	3769560.456	0	48
433501	1003	401973.6256	3768958.102	0	751
433501	1004	402029.667	3769360.412	0	214
433501	1005	401855.8133	3769150.846	0	0
433501	1006	401744.9468	3769557.443	0	0
433501	1007	401711.0936	3769541.605	0	0
433501	1008	401614.418	3769564.237	0	0
433501	1009	401484.2246	3769558.941	0	42
433501	1010	401784.9908	3769325.582	0	0
433501	1011	401765.8847	3769343.302	0	0
433501	1012	401628.8076	3769359.701	0	249
433501	1013	401439.4374	3769362.231	0	41
433501	1014	401319.1691	3769291.293	0	20
433501	1015	401305.2005	3769120.544	0	8
433501	1016	401774.502	3768619.047	0	5
433501	1017	401776.6764	3769014.377	0	0
433501	1018	401702.2062	3769016.039	0	63
433501	1019	401569.6416	3769014.204	0	63
433501	1020	401434.6359	3769017.276	0	47
433501	1021	401297.1781	3769006.513	0	59
433501	1022	401299.3565	3768852.896	0	58
433501	1023	401189.3801	3768654.762	0	0
433501	1024	401089.767	3768723.786	0	0
433501	1025	401323.138	3768575.956	0	0
433501	1026	401432.8207	3768613.514	0	16
433501	1027	401567.7676	3768613.105	0	18
433501	1028	401701.1176	3768769.634	0	14
433501	1029	401700.3952	3768567.253	0	61
433501	1030	401309.9647	3768666.809	0	4
433503	1000	403589.6475	3768931.701	0	264
433503	1001	403279.6927	3769003.295	0	1037
433503	1002	403276.3087	3768600.882	0	214
433503	1003	403593.2335	3768767.647	0	169
433503	1004	403581.8259	3768834.634	0	85
433503	1005	403586.6259	3768662.916	0	254
433503	1006	403583.641	3768497.155	0	101
433503	2000	403140.7904	3769004.386	0	71
433503	2001	403040.6483	3769004.86	0	34
433503	2002	402946.3354	3769006.716	0	41
433503	2003	402878.0441	3769007.862	0	41
433503	2004	402907.3988	3768604.225	0	110

Census Receptors

Track No.	Block No.	UTM Coordinates (X) meters	UTM Coordinates (Y) meters	Elevation (m)	Population
433503	2005	403075.7436	3768602.273	0	118
433503	2006	402773.9394	3768605.598	0	218
433503	2007	402640.9801	3768637.576	0	344
433503	2008	402640.1037	3768436.194	0	7
433504	1000	402451.6544	3769521.169	0	160
433504	1001	402275.849	3769416.082	0	501
433504	1002	402493.8041	3769348.509	0	133
433504	1003	402536.7977	3769087.565	0	228
433504	1004	402363.6878	3768788.599	0	1059
433504	1005	402361.4217	3769185.304	0	22
433504	1006	402362.5036	3769227.434	0	6
433504	2000	403160.8515	3769430.36	0	779
433504	2001	403239.6749	3769583.589	0	0
433504	2002	402909.073	3769538.854	0	0
433504	2003	402879.9647	3769338.096	0	135
433504	2004	402947.513	3769336.736	0	19
433504	2005	403288.4112	3769268.695	0	180
433504	3000	402714.0852	3769533.21	0	97
433504	3001	402596.5305	3769589.871	0	0
433504	3002	402699.8223	3769304.575	0	816
433504	3003	402643.4068	3769069.831	0	157
433504	3004	402728.3335	3769133.498	0	265
433504	3005	402793.7836	3768982.003	0	82
433504	3006	402810.1203	3768856.409	0	1
433504	3007	402676.8467	3768857.56	0	39
433601	1000	400992.3823	3770676.845	0	0
433601	1001	400578.9238	3770675.204	0	0
433601	1002	400893.2918	3770652.822	0	0
433601	1003	400949.4729	3770518.932	0	0
433601	1004	400955.4241	3770584.743	0	0
433601	1005	400244.8627	3770641.689	0	76
433601	1006	401179.0255	3770002.177	0	501
433601	1007	401316.6303	3769878.305	0	63
433601	1008	401029.4738	3769822.536	0	139
433601	1009	401030.0788	3770091.458	0	173
433601	1010	400942.6476	3770431.393	0	124
433601	1011	400999.3399	3770548.351	0	0
433601	1012	401167.0439	3769651.197	0	0
433601	1013	401028.0639	3769652.875	0	0
433601	2000	400660.3635	3770512.766	0	181
433601	2001	400514.2277	3770526.061	0	205
433601	2002	400366.8645	3770536.71	0	171
433601	2003	400258.0204	3770533.202	0	87
433601	2004	400224.1235	3770033.073	0	746
433601	2005	400370.1886	3770029.866	0	509
433601	2006	400517.2374	3770023.657	0	512
433601	2007	400486.7734	3769734.089	0	16
433601	2008	400663.0306	3770003.38	0	514
433601	2009	400775.883	3769983.783	0	267
433601	2010	400862.7022	3770139.238	0	504
433601	2011	400871.278	3770393.328	0	81
433601	2012	400926.1853	3770181.933	0	9
433601	2013	400888.3561	3769690.716	0	45
433602	1000	401474.8	3769628.683	0	0
433602	1001	401361.5988	3769633.082	0	0
433602	1002	401317.6406	3769630.658	0	0
433602	1003	401260.5178	3769649.11	0	0
433602	1004	401170.2777	3769466.406	0	101
433602	1005	401155.9059	3769204.504	0	0
433602	1006	401294.4991	3769509.466	0	0
433602	1007	401255.2435	3769286.083	0	0
433602	1008	400698.0293	3769110.387	0	642
433602	1009	400555.0365	3769117.437	0	75
433602	1010	400480.9039	3769019.74	0	200
433602	1011	400393.8247	3769024.873	0	162
433602	1012	400233.226	3769025.571	0	130
433602	1013	400504.8268	3769424.158	0	520
433602	1014	400305.9685	3769026.355	0	261
433602	1015	400179.9911	3769027.797	0	111
433602	1016	400236.271	3769435.975	0	305
433602	1017	400194.5632	3769358.454	0	129
433602	1018	400363.5001	3769439.955	0	167
433602	1019	400150.0231	3768620.45	0	0
433700	1000	403682.5188	3768245.518	0	133
433700	1001	403475.4688	3768218.244	0	152
433700	1002	403239.1709	3768237.519	0	319
433700	1003	403036.9071	3768236.044	0	322
433700	1004	403022.3356	3768030.59	0	24
433700	1005	403216.118	3768023.722	0	91
433700	1006	403239.886	3768064.067	0	94
433700	1007	403680.6094	3768076.419	0	54
433700	1008	403527.5517	3767976.288	0	52
433700	1009	403688.4055	3767980.967	0	0
433700	1010	403654.4826	3767895.146	0	0
433700	1011	403499.6546	3767847.932	0	0
433700	1012	403742.3891	3767888.594	0	0
433700	1013	403513.045	3767703.85	0	0
433700	1014	403411.4375	3767769.986	0	0
433700	2000	403319.9303	3767857.755	0	127
433700	2001	403222.6905	3767800.308	0	199
433700	2002	403124.1832	3767754.408	0	263
433700	2003	403022.4062	3767893.631	0	92
433700	2004	403021.1862	3767594.996	0	185
433700	2005	403197.6328	3767445.027	0	63
433700	3000	402771.597	3768234.669	0	35

Census Receptors

Track No.	Block No.	UTM Coordinates (X) meters	UTM Coordinates (Y) meters	Elevation (m)	Population
433700	3001	402381.5971	3768253.109	0	42
433700	3002	402193.8435	3768155.355	0	0
433700	3003	402071.4311	3768270.183	0	0
433700	3004	401772.7085	3768349.029	0	0
433700	3005	401544.8245	3768378.018	0	122
433700	3006	401627.1589	3768182.644	0	0
433700	3007	401238.3786	3768035.437	0	0
433700	3008	401100.7099	3767970.671	0	0
433700	3009	401059.7914	3768038.859	0	0
433700	3010	400968.3188	3767643.467	0	0
433700	3011	401017.5377	3767477.491	0	0
433700	3012	401227.6523	3767468.748	0	0
433700	3013	401507.3089	3767453.74	0	0
433700	3014	401479.9265	3767970.478	0	0
433700	3015	401677.4219	3767779.228	0	0
433700	3016	401766.7006	3767780.295	0	0
433700	3017	401770.3118	3768100.864	0	0
433700	3018	401939.6169	3768039.33	0	0
433700	3019	402264.6727	3767881.48	0	17
433700	3020	402430.5818	3767964.158	0	1
433700	3021	402192.5376	3768056.004	0	0
433700	3022	402142.9768	3767709.518	0	0
433700	3023	402015.3113	3767718.937	0	0
433700	3024	402110.8299	3767698.539	0	0
433700	3025	401797.8947	3767770.655	0	0
433700	3026	401826.3996	3767750.952	0	0
433700	3027	402301.0638	3767383.616	0	0
433700	3028	401908.324	3767310.501	0	0
433700	3029	402458.9047	3767533.471	0	5
433700	3030	402517.7327	3767410.433	0	0
433700	3031	402703.4578	3767381.902	0	0
433700	3032	401763.9435	3767453.064	0	0
433700	3033	401656.5312	3767599.236	0	0
433700	3034	401684.6478	3767293.863	0	0
433700	3035	401351.8905	3767245.764	0	0
433700	3036	402873.4097	3767112.114	0	0
433700	3037	402983.3602	3767255.705	0	0
433700	3038	402742.3817	3767773.081	0	549
433700	3039	402871.1741	3767954.071	0	74
433700	3040	402885.6943	3767597.608	0	279
433700	3041	402409.5796	3767709.421	0	0
433700	3042	402000.8297	3767764.555	0	0
433700	3043	401762.4194	3767244.37	0	0
433700	3044	402342.5065	3767177.472	0	0
433700	3045	402878.0217	3767084.786	0	0
433700	3046	400905.7844	3767252.762	0	0
433700	3047	400914.0514	3767372.002	0	0
433700	3048	400870.8152	3767395.412	0	0
433700	3049	400798.6665	3767206.2	0	0
433700	3050	400843.7823	3767212.27	0	0
433700	3051	400905.0964	3767222.383	0	0
433700	3052	401824.681	3767310.261	0	0
433700	3053	402525.118	3767535.671	0	0
433801	1000	404467.5269	3768758.205	0	68
433801	1001	404306.2289	3768690.085	0	456
433801	1002	404053.5306	3768738.45	0	1179
433801	1003	403850.3229	3768779.109	0	95
433801	1004	404472.6425	3768552.218	0	28
433801	2000	404660.1659	3768511.619	0	63
433801	2001	404684.2144	3768415.894	0	283
433801	2002	404539.6747	3768398.834	0	54
433801	2003	404413.956	3768390.015	0	1
433801	2004	404034.7627	3768508.418	0	16
433801	2005	403970.7072	3768227.501	0	58
433801	2006	404281.7733	3768271.696	0	0
433801	2007	404224.3559	3768125.893	0	45
433801	2008	404667.8107	3768125.953	0	0
433801	2009	404804.1919	3768249.004	0	226
433801	2010	404334.6282	3768031.068	0	155
433801	2011	404048.0654	3767900.787	0	73
433801	2012	404012.6455	3767749.107	0	27
433801	2013	403869.3947	3767796.365	0	4
433801	2014	403971.2197	3767715.039	0	21
433801	2015	403816.0496	3767951.609	0	0
433801	2016	403973.1967	3767664.339	0	83
433801	2017	404066.1702	3767720.174	0	6
433801	2018	404803.0799	3768376.768	0	14
433801	3000	404425.8565	3767951.518	0	114
433801	3001	404206.024	3767738.272	0	124
433801	3002	404636.5298	3767734.026	0	74
433801	3003	404389.1108	3767540.573	0	96
433801	3004	404298.5615	3767641.963	0	186
433801	3005	404213.0668	3767558.88	0	26
433801	3006	404135.6497	3767498.672	0	218
433801	3007	404051.1082	3767618.745	0	85
433801	3008	404551.8667	3767449.655	0	67
433801	3009	404490.6596	3767422.106	0	106
433801	3010	404438.8954	3767369.842	0	78
433801	3011	404386.0353	3767318.81	0	97
433801	3012	404256.1637	3767393.539	0	126
433801	3013	404339.0073	3767251.195	0	75
433801	4000	404654.7568	3768698.092	0	1201
433801	4001	404753.0579	3768771.068	0	325
433801	4002	404815.7241	3768559.732	0	244
433802	1000	403338.8866	3767229.438	0	314

Census Receptors

Track No.	Block No.	UTM Coordinates (X) meters	UTM Coordinates (Y) meters	Elevation (m)	Population
433802	1001	403440.9211	3767023.9	0	40
433802	1002	403569.9099	3767287.848	0	59
433802	1003	403643.3194	3767162.783	0	175
433802	1004	403237.8361	3766989.825	0	0
433802	1005	403015.1887	3767037.798	0	0
433802	1006	403024.3227	3767055.226	0	0
433802	1007	403010.78	3767084.974	0	0
433802	1008	403087.9681	3767112.794	0	0
433802	1009	402866.491	3766834.276	0	18
433802	1010	402811.9534	3766953.386	0	0
433802	1011	402869.6929	3767011.014	0	0
433802	1012	402773.587	3767028.97	0	0
433802	1013	402649.9186	3767068.836	0	0
433802	1014	402066.0579	3767199.963	0	0
433802	1015	402621.7788	3766882.485	0	0
433802	1016	401801.912	3767198.047	0	0
433802	1017	401760.5827	3767032.241	0	0
433802	1018	402720.6111	3766618.085	0	0
433802	1019	402137.9483	3766484.371	0	0
433802	1020	402574.6296	3766670.269	0	0
433802	1021	401856.6949	3766650.641	0	0
433802	1022	402581.0158	3766824.019	0	0
433802	1023	402541.9928	3766773.186	0	0
433802	1024	401741.1364	3766627.111	0	0
433802	1025	401304.2545	3766565.348	0	0
433802	1026	401379.8226	3766756.189	0	0
433802	1027	401239.1667	3766830.52	0	0
433802	1028	401619.2381	3767182.87	0	0
433802	1029	401702.5684	3767179.562	0	0
433802	1030	401506.2365	3765792.056	0	0
433802	1031	401404.6414	3765833.593	0	0
433802	1032	401287.3182	3765889.712	0	0
433802	1033	400953.5316	3766646.868	0	0
433802	1034	400795.713	3767065.612	0	0
433802	1035	400963.2883	3766432.622	0	0
433802	1036	400740.7867	3765422.345	0	0
433802	1037	401256.994	3765550.127	0	0
433802	1038	401042.2421	3765481.62	0	0
433802	1039	401117.9637	3765693.974	0	0
433802	1040	401848.9233	3765351.111	0	0
433802	1041	401876.7388	3765717.893	0	0
433802	1042	402516.3985	3765527.074	0	0
433802	1043	402582.6771	3765856.754	0	0
433802	1044	403164.1119	3766155.967	0	0
433802	1045	403717.7473	3766439.863	0	0
433802	1046	402906.0022	3766267.961	0	0
433802	1047	403663.2701	3766539.005	0	0
433802	1048	403758.2073	3766596.037	0	0
433802	1049	403617.9935	3766743.518	0	135
433802	1050	403301.484	3766804.197	0	173
433802	1051	403602.8183	3766568.233	0	0
433802	1052	403101.4007	3766541.202	0	0
433802	1053	403149.9485	3766746.862	0	69
433802	1054	403401.7423	3766415.474	0	26
433802	1055	402912.2002	3765819.761	0	0
433802	1056	402820.7486	3765564.195	0	0
433802	1057	403684.8453	3766210.086	0	0
433802	1058	404164.1874	3766471.476	0	0
433802	1059	404145.1006	3766583.121	0	0
433802	1060	404091.937	3766711.969	0	0
433802	1061	403997.3306	3766778.026	0	0
433802	1062	403612.3817	3766908.368	0	0
433802	1063	403608.6199	3766983.04	0	169
433802	1064	403681.1868	3767064.808	0	30
433802	1065	403830.2114	3767003.294	0	177
433802	1066	403864.6385	3766267.475	0	0
433802	1067	404175.2569	3766415.916	0	0
433802	1068	404010.4951	3766583.49	0	2
433802	1069	403900.0162	3766441.556	0	0
433802	1070	402563.2738	3765085.108	0	0
433802	1071	402618.883	3765042.283	0	0
433802	1072	402701.589	3765272.541	0	0
433802	1073	403081.9557	3765860.492	0	0
433802	1074	400944.4296	3765901.839	0	0
433802	1075	400311.9092	3765188.76	0	0
433802	1076	400605.156	3765133.772	0	0
433802	1077	401033.4189	3765159.221	0	0
433802	1078	401058.6485	3765187.68	0	0
433802	1079	401791.2556	3765159.746	0	0
433802	1080	401505.0091	3765080.549	0	0
433802	1081	400826.6295	3764952.9	0	0
433802	1082	400751.6472	3764944.039	0	0
433802	1083	400334.5934	3764879.226	0	0
433802	1084	399992.3898	3764933.41	0	0
433802	1085	401082.3137	3764978.39	0	0
433802	1086	400913.883	3764951.986	0	0
433802	1087	402396.4546	3764999.442	0	0
433802	1088	402480.9022	3765004.115	0	0
433802	1089	402556.7045	3764994.24	0	0
433802	1090	402458.5921	3764936.033	0	0
433802	1091	402669.2736	3765568.748	0	0
433802	1092	401441.4876	3766312.177	0	0
433802	1093	401926.8526	3766623.075	0	0
433802	2000	403629.9972	3767603.403	0	51
433802	2001	403914.644	3767552.928	0	140

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Track No.	Block No.	UTM Coordinates (X) meters	UTM Coordinates (Y) meters	Elevation (m)	Population
433802	2002	403859.142	3767496.492	0	147
433802	2003	403826.3668	3767351.107	0	262
433802	2004	403935.02	3767178.222	0	113
433802	2005	404091.8309	3767174.41	0	377
433802	2006	404243.7201	3767113.096	0	165
433802	2007	404048.8454	3766977.894	0	138
433802	2008	404068.5503	3766836.411	0	0
433802	2009	404008.9218	3766819.384	0	0
433901	2000	405726.8774	3768921.54	0	602
433901	2001	405888.8552	3768753.801	0	634
433901	3000	405535.6515	3769255.809	0	394
433901	3001	405390.4478	3769115.759	0	374
433901	3002	405588.7837	3769068.084	0	603
433902	1000	405532.2947	3768689.715	0	421
433902	1001	405695.4745	3768568.315	0	144
433902	1002	405599.5592	3768474.9	0	136
433902	1003	405422.4434	3768513.601	0	105
433902	1004	405351.3585	3768586.286	0	110
433902	1005	405502.2632	3768382.055	0	104
433902	2000	405051.1538	3768528.196	0	167
433902	2001	405200.7115	3768484.552	0	236
433902	2002	405225.3561	3768401.687	0	103
433902	2003	405178.4628	3768337.172	0	71
433902	2004	405085.9042	3768257.036	0	207
433902	2005	405308.7606	3768195.136	0	326
433902	2006	405115.2538	3768008.554	0	206
433902	2007	405002.2853	3768157.293	0	98
433902	2008	404909.0766	3768251.274	0	27
433902	2009	404985.182	3768017.07	0	88
433902	2010	404951.6236	3767865.368	0	0
433902	3000	405233.0769	3769032.945	0	128
433902	3001	405213.8462	3768873.446	0	330
433902	3002	405085.0771	3768918.544	0	64
433902	3003	405012.6335	3768717.995	0	143
433902	3004	405092.1934	3768864.355	0	97
433902	3005	405261.5882	3768710.06	0	95
433902	3006	405377.9825	3768820.566	0	60
433902	3007	404963.8396	3768556.355	0	108
433902	3008	404937.5222	3768784.513	0	17
433902	3009	404913.4039	3768818.468	0	0
433902	3010	405202.5049	3768653.984	0	102
433902	3011	404929.589	3768473.305	0	87
433902	3012	404894.26	3768484.861	0	0
434001	1002	406233.6841	3768538.669	0	512
434001	1003	405986.2657	3768506.64	0	227
434001	1004	406209.7349	3768274.197	0	394
434001	2001	406372.94	3767818.568	0	33
434001	2004	406204.8986	3767647.791	0	27
434001	2005	406534.302	3768191.799	0	43
434001	2006	406434.6789	3768003.153	0	33
434001	2007	406547.3737	3768076.226	0	55
434001	2008	406345.0853	3767783.69	0	41
434001	2009	406301.4764	3767761.278	0	57
434001	2010	406564.0815	3768122.859	0	57
434001	2011	406240.2198	3767681.486	0	47
434001	2012	406527.5759	3768034.504	0	53
434001	2013	406272.174	3767720.093	0	37
434001	2014	406479.4137	3767897.025	0	0
434001	2015	406518.8138	3767951.307	0	61
434001	2016	406442.9678	3767852.141	0	52
434001	2018	406387.4384	3767958.819	0	0
434001	2019	406181.5436	3767610.651	0	12
434001	2022	406098.366	3767740.339	0	798
434001	2023	406144.0342	3767663.367	0	33
434001	2024	406322.9896	3767882.717	0	74
434001	2025	406386.9591	3767873.211	0	0
434001	2026	406414.4541	3767909.091	0	36
434001	2027	406431.4617	3767929.993	0	0
434001	2028	406447.9287	3767952.231	0	29
434001	2029	406487.2684	3767991.099	0	0
434003	1000	405425.8776	3768073.085	0	152
434003	1001	405233.7819	3767879.944	0	94
434003	1002	405590.7045	3767903.095	0	1201
434003	1003	405351.4913	3767641.666	0	90
434003	1004	405113.7619	3767722.234	0	0
434003	1005	405093.4574	3767842.095	0	0
434003	1006	405162.058	3767539.989	0	53
434003	1007	405256.9847	3767441.447	0	63
434003	2000	405779.9584	3767701.148	0	621
434003	2001	405834.3175	3767477.593	0	155
434003	2002	405725.5433	3767363.9	0	64
434003	2003	405550.7062	3767503.38	0	195
434003	2004	405399.4545	3767370.376	0	130
434003	2005	405392.0651	3767167.177	0	169
434003	2006	405402.8799	3767085.559	0	0
434003	3000	405844.8122	3768363.551	0	274
434003	3001	405700.4285	3768223.266	0	172
434003	3002	405875.2508	3768046.416	0	308
434003	3003	406019.5847	3768181.714	0	230
434003	3004	406069.6429	3767980.272	0	302
434004	1000	404776.6314	3767218.273	0	250
434004	1001	404627.8923	3767107.103	0	620
434004	1002	404542.1495	3766999.622	0	0
434004	1003	404422.5468	3767013.141	0	117
434004	1004	404640.0634	3766785.49	0	160

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Track No.	Block No.	UTM Coordinates (X) meters	UTM Coordinates (Y) meters	Elevation (m)	Population
434004	1005	404585.0842	3766936.199	0	13
434004	1006	404438.5146	3766885.005	0	195
434004	1007	404886.0264	3766933.83	0	121
434004	1008	404353.9001	3766743.469	0	0
434004	1009	404289.4942	3766810.771	0	0
434004	1010	404217.8308	3766845.099	0	0
434004	1011	404282.2489	3766651.485	0	0
434004	2000	404826.2896	3767473.945	0	33
434004	2001	404949.5878	3767552.992	0	91
434004	2002	405008.5982	3767490.851	0	239
434004	2003	405084.5334	3767413.347	0	177
434004	2004	405159.4367	3767334.08	0	168
434004	2005	405181.0121	3767175.059	0	290
434004	2006	404980.5884	3767230.082	0	232
434004	2007	404886.4797	3767327.287	0	90
481300	1004	400409.6872	3770825.372	0	327
481300	1005	399993.6818	3770730.961	0	157
481300	1007	399937.1527	3770691.414	0	0
481300	1008	400467.0787	3770693.24	0	0
481300	1009	400209.7315	3770705.606	0	0
482202	2003	397237.7649	3768979.183	0	600
482202	3000	397639.1016	3769166.348	0	981
482202	3001	397437.1572	3769099.56	0	1075
482202	3002	397634.0747	3768915.547	0	39
482303	2008	398602.1779	3770145.622	0	70
482303	3010	399260.6195	3770243.593	0	574
482303	3011	399107.8531	3770362.113	0	109
482303	3012	399078.4328	3770277.7	0	127
482303	3013	399019.9993	3770198.81	0	326
482303	3015	398812.0753	3770294.304	0	209
482303	3016	398808.7747	3770141.409	0	0
482304	1000	398472.6059	3769845.923	0	310
482304	1001	398301.8832	3769813.825	0	672
482304	1002	398211.6414	3769935.79	0	191
482304	1004	398083.268	3769782.692	0	223
482304	2000	399272.3038	3769989.397	0	121
482304	2001	398895.3878	3769835.285	0	1212
482304	2002	398802.6756	3769710.297	0	20
482304	2003	398666.6995	3769940.209	0	54
482304	2004	398643.5293	3770008.55	0	56
482304	2005	398575.3284	3769974.571	0	125
482304	2006	399243.2073	3769736.414	0	50
482304	2007	399308.1985	3769815.679	0	89
482401	1000	399779.6755	3770670.573	0	0
482401	1001	399700.9157	3770606.09	0	172
482401	1002	399865.0833	3770518.067	0	79
482401	1003	399887.2717	3770517.991	0	72
482401	1004	399598.31	3770521.013	0	59
482401	1005	399387.6282	3770565.399	0	0
482401	1006	400106.6701	3770507.189	0	34
482401	1007	399776.7736	3770519.005	0	65
482401	1008	399687.4431	3770519.399	0	72
482401	1009	399509.8146	3770521.844	0	78
482401	1010	400140.9958	3770593.882	0	0
482401	2000	400095.3895	3770322.107	0	167
482401	2001	399973.1763	3770320.075	0	61
482401	2002	399853.0249	3770321.016	0	213
482401	2003	399742.3689	3770320.971	0	185
482401	2004	399632.742	3770322.248	0	175
482401	2005	399523.8616	3770324.293	0	156
482401	2006	399418.0063	3770324.423	0	94
482401	3000	400080.7182	3769903.951	0	309
482401	3001	399920.7822	3769948.342	0	371
482401	3002	399735.3434	3769859.483	0	540
482401	3003	399629.8346	3770022.85	0	278
482401	3004	399523.5609	3770018.658	0	336
482401	3005	399417.7105	3770019.564	0	147
482401	3006	399471.9092	3769735.75	0	98
482402	1000	400086.5958	3769430.35	0	350
482402	1001	399952.5887	3769431.326	0	341
482402	1002	399819.6038	3769432.958	0	408
482402	1003	399647.0891	3769336.645	0	280
482402	1004	399515.5929	3769460.92	0	267
482402	1005	399424.1284	3769539.191	0	40
482402	1006	399553.7123	3768923.097	0	223
482402	1007	399512.9088	3768480.267	0	166
482402	1008	399512.3832	3768734.453	0	105
482402	1009	399434.4991	3768736.503	0	28
482402	1010	399381.6625	3768741.612	0	16
482402	1011	399613.6308	3768733.376	0	91
482402	1012	399506.9997	3768592.893	0	166
482402	1013	399961.8624	3768651.497	0	0
482402	1014	399983.8458	3769027.544	0	297
482402	1015	400128.4196	3769134.916	0	64
482402	1016	400128.2111	3768931.973	0	56
482402	1017	399719.3318	3769029.906	0	359
482402	1018	399814.652	3769027.231	0	318
482402	2000	401102.3133	3768952.216	0	0
482402	2001	401063.3466	3768695.34	0	0
482402	2002	400699.2649	3768385.319	0	5
482402	2003	400208.2905	3768308.097	0	0
482402	2004	400433.4415	3768413.958	0	0
482402	2005	400840.3202	3767471.697	0	0
482402	2006	400484.9794	3767707.212	0	102
482402	2007	400927.1125	3768133.072	0	0

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Track No.	Block No.	UTM Coordinates (X) meters	UTM Coordinates (Y) meters	Elevation (m)	Population
482402	2008	400544.453	3768638.466	0	0
482402	2009	400304.9501	3768317.944	0	0
482402	2010	399948.7304	3768213.585	0	0
482402	2011	399943.0792	3768412.043	0	0
482402	2012	399709.1022	3768414.415	0	0
482402	2013	399610.3467	3768415.797	0	86
482402	2014	399455.8892	3768422.098	0	0
482402	2015	399552.7583	3768321.479	0	78
482402	2016	399452.7113	3768349.049	0	20
482402	2017	399654.6553	3768320.285	0	233
482402	2018	400245.1838	3768410.067	0	0
482402	2019	400149.5357	3768338.661	0	0
482402	2020	400049.688	3767861.854	0	0
482402	2021	399855.3068	3767908.384	0	105
482402	2022	399819.7047	3767859.079	0	32
482402	2023	399539.845	3767827.784	0	536
482402	2024	399704.0238	3767675.438	0	11
482402	2025	399350.3083	3767990.938	0	1
482402	2026	399350.8329	3768048.822	0	0
482402	2027	399351.5737	3768126.998	0	0
482402	2028	399352.5206	3768198.517	0	0
482402	2029	399353.5289	3768275.803	0	0
482402	2030	399552.3482	3768204.818	0	247
482402	2031	399507.9481	3768092.173	0	185
482402	2032	399349.8335	3767929.061	0	0
482402	2033	399349.7402	3767764.377	0	4
482402	2034	399345.7732	3767626.018	0	0
482402	2035	399417.7585	3767589.32	0	0
482402	2036	399613.8723	3767488.201	0	0
482402	2037	399648.7127	3767578.546	0	83
482402	2038	399872.8634	3767640.045	0	107
482402	2039	400043.4216	3767653.542	0	64
482402	2040	400129.6632	3767594.186	0	4
482402	2041	400106.9331	3767548.625	0	9
482402	2042	400212.0056	3767532.654	0	27
482402	2043	400308.9348	3767331.126	0	318
482402	2044	400299.6279	3767463.97	0	28
482402	2045	400281.7749	3767463.704	0	23
482402	2046	400195.8745	3767465.066	0	43
482402	2047	400043.9554	3767416.102	0	119
482402	2048	399944.9611	3767491.785	0	120
482402	2049	399876.2828	3767387.825	0	66
482402	2050	399864.0237	3767468.023	0	138
482402	2051	399843.6839	3767369.428	0	0
482402	2052	399757.7422	3767413.59	0	0
482402	2053	400287.1198	3767214.802	0	28
482402	2054	400065.7462	3767311.738	0	123
482402	2055	399984.9958	3767358.061	0	19
482402	2056	400179.4356	3767149.955	0	0
482402	2057	400025.7491	3767274.677	0	0
482402	2058	400257.2435	3767069.508	0	21
482402	2059	400348.13	3767152.277	0	0
482402	2060	400331.9892	3767109.973	0	0
482402	2061	400421.5669	3767129.988	0	0
482402	2062	400258.5736	3767143.019	0	0
482402	2063	400563.7291	3767190.261	0	0
482402	2064	400498.1793	3767277.674	0	42
482402	2065	400648.2662	3767249.035	0	17
482402	2066	400686.4031	3767188.416	0	0
482402	2067	400760.0193	3767200.729	0	0
482402	2068	400793.2881	3766729.172	0	0
482402	2069	401038.0467	3766042.143	0	0
482402	2070	400617.0195	3766955.372	0	103
482402	2071	400552.4675	3767164.097	0	0
482402	2072	400414.7986	3767022.155	0	94
482402	2073	400445.9591	3767096.794	0	0
482402	2074	400310.5633	3767083.029	0	0
482402	2075	400281.0888	3766993.291	0	0
482402	2076	400357.5594	3766864.618	0	0
482402	2077	400644.1197	3766477.226	0	2
482402	2078	400767.8609	3766496.997	0	18
482402	2079	400488.6064	3767166.433	0	0
482402	2080	400531.4885	3767170.75	0	0
482402	2081	400454.4788	3766888.992	0	114
482402	2082	400971.2641	3767941.974	0	0
482402	2083	399848.1854	3767750.429	0	21
482502	1000	398471.4004	3769519.336	0	153
482502	1001	398273.8953	3769520.575	0	109
482502	1002	398339.8292	3769343.646	0	284
482502	1003	398323.5944	3769224.603	0	296
482502	1004	398319.8887	3769060.512	0	282
482502	1005	398463.7222	3769140.142	0	67
482502	1006	398336.2471	3768916.721	0	375
482502	2000	398093.1957	3769548.142	0	75
482502	2001	397994.1629	3769548.436	0	82
482502	2002	397895.1276	3769548.508	0	88
482502	2003	397792.9582	3769548.949	0	134
482502	2004	397941.4937	3769372.231	0	50
482502	2005	397940.8749	3769221.081	0	424
482502	2006	398007.7474	3768994.677	0	643
482502	2007	397806.7383	3768997.295	0	311
482503	1000	399289.9262	3769487.168	0	0
482503	1001	399151.2355	3769490.312	0	234
482503	1002	399032.0431	3769478.389	0	207
482503	1003	399029.5352	3769028.165	0	393

Census Receptors

Track No.	Block No.	UTM Coordinates (X) meters	UTM Coordinates (Y) meters	Elevation (m)	Population
482503	1004	399143.8981	3769287.334	0	75
482503	1005	399280.7697	3769286.427	0	80
482503	1006	399280.1215	3769191.061	0	82
482503	1007	399279.4179	3768960.73	0	205
482503	1008	399142.3169	3768975.169	0	410
482503	1009	399283.237	3768730.352	0	56
482503	2000	398928.9718	3769480.823	0	207
482503	2001	398814.5241	3769214.116	0	724
482503	2002	398670.2594	3769154.114	0	828
482503	2003	398594.2342	3769389.04	0	394
482503	2004	398926.0734	3769037.7	0	462
482521	1000	397894.287	3768446.617	0	163
482521	1001	397854.8388	3768324.167	0	147
482521	1002	398135.5603	3768196.373	0	156
482521	1003	398195.4623	3768272.691	0	166
482521	1004	398146.854	3768028.127	0	272
482521	1005	397901.6979	3768158.753	0	157
482521	1006	397895.6326	3768229.572	0	4
482521	1007	397821.6701	3767980.182	0	96
482521	1008	398412.8332	3767936.099	0	247
482521	2000	399324.1956	3768624.117	0	3
482521	2001	399274.8129	3768511.749	0	39
482521	2002	399100.4109	3768491.431	0	30
482521	2003	399118.8712	3768465.394	0	0
482521	2004	399252.5646	3768433.691	0	44
482521	2005	399120.9653	3768436.76	0	43
482521	2006	399063.6811	3768284.996	0	443
482521	2007	399251.8103	3768189.943	0	146
482521	2008	399195.9811	3768018.756	0	115
482521	2009	399209.0277	3767831.308	0	625
482521	2010	399173.6228	3767714.355	0	0
482521	2011	399274.7021	3767661.819	0	0
482521	2012	398780.5874	3768209.51	0	0
482521	3000	399271.7856	3768626.007	0	36
482521	3001	399190.3223	3768621.442	0	83
482521	3002	399081.0944	3768618.728	0	105
482521	3003	398978.2277	3768615.281	0	128
482521	3004	398773.7768	3768685.008	0	289
482521	3005	398239.6914	3768573.639	0	432
482521	3006	398012.4584	3768755.748	0	0
482521	3007	398417.5781	3768771.897	0	7
482521	3008	398286.1898	3768768.432	0	0
482521	3009	398205.0322	3768612.384	0	0
482521	3010	397869.9974	3768710.045	0	257
482521	3011	397761.4053	3768663.755	0	37
482521	3012	398258.6551	3768346.091	0	133
482521	3013	398356.4576	3768393.279	0	112
482521	3014	398463.3487	3768272.801	0	38
482521	3015	398750.5772	3768475.546	0	242
482521	3016	398558.2964	3768612.796	0	158
482521	3017	398768.7023	3768314.992	0	66
482521	3018	398649.5664	3768335.566	0	108
482521	3019	398665.1538	3768188.124	0	53
482521	3020	398701.3835	3768131.953	0	0
482521	3021	398870.8967	3767996.725	0	396
482521	3022	398957.1096	3768125.443	0	58
482521	3023	398553.0912	3768119.683	0	58
482521	3024	398538.6414	3768235.395	0	0
482521	3025	398458.0928	3768161.736	0	0
482521	3026	398196.1182	3768641.758	0	0
482521	3027	398110.7458	3768745.483	0	0
482521	3028	398038.3707	3768744.822	0	0
482521	3029	398137.5948	3768770.034	0	62
482521	3030	398229.1244	3768715.15	0	0
482522	1000	398717.5561	3767789.323	0	392
482522	1001	398749.8372	3767898.545	0	0
482522	1002	399203.4505	3767576.855	0	236
482522	1003	399033.7599	3767618.923	0	12
482522	1004	399153.9938	3767432.216	0	44
482522	1005	399290.5286	3767466.468	0	0
482522	1006	399313.5628	3767470.881	0	7
482522	1007	399425.951	3767552.414	0	9
482522	1008	399306.9979	3767314.029	0	96
482522	1009	399379.2835	3767461.308	0	68
482522	1010	399613.8794	3767254.315	0	252
482522	1011	399983.108	3767110.001	0	211
482522	1012	400089.9527	3766990.541	0	0
482522	1013	399361.4648	3767261.88	0	39
482522	1014	399065.1709	3767232.326	0	256
482522	1015	399007.3876	3767310.906	0	60
482522	1016	399026.118	3767379.019	0	41
482522	1017	399155.9778	3767246.217	0	92
482522	1018	398927.2927	3767564.723	0	57
482522	1019	398982.1169	3767175.103	0	141
482522	2000	399218.5008	3767308.873	0	0
482522	2001	399125.4956	3767045.815	0	0
482522	2002	399186.1957	3766850.983	0	317
482522	2003	399533.3259	3766954.414	0	45
482522	2004	399280.6135	3766952.114	0	61
482522	2005	399454.0944	3766961.356	0	81
482522	2006	399371.1126	3766962.905	0	81
482522	2007	399294.5754	3767109.996	0	55
482522	2008	399212.0097	3766994.655	0	73
482522	2009	399618.374	3766956.171	0	35
482522	2010	399628.5454	3767018.499	0	0

Census Receptors

Track No.	Block No.	UTM Coordinates (X) meters	UTM Coordinates (Y) meters	Elevation (m)	Population
482522	2011	399814.295	3766974.719	0	0
482522	2012	399257.1658	3767246.69	0	9
482522	2013	399317.4793	3767180.062	0	0
482522	2014	399130.1102	3766768.962	0	0
482522	2015	399264.2051	3766772.633	0	0
482522	2016	399521.5948	3766806.267	0	0
482522	2017	399136.0051	3766681.178	0	0
482522	3000	398945.4939	3766797.994	0	147
482522	3001	398917.277	3767258.527	0	119
482522	3002	398388.1407	3767142.437	0	0
482522	3003	398590.8911	3767519.197	0	0
482522	3004	398243.7242	3767242.913	0	0
482522	3005	398698.8137	3767315.651	0	0
482522	3006	398835.2786	3767187.875	0	203
482522	3007	398865.7768	3766975.288	0	113
482522	3008	398217.8653	3767344.887	0	0
482522	3009	398768.407	3766969.566	0	292
482522	3010	398990.5185	3766933.364	0	233
482522	3011	398378.0749	3767485.445	0	0
482522	3012	398866.7771	3767310.192	0	150
482522	3013	398096.5569	3767199.364	0	0
482522	3014	398815.29	3767097.263	0	125
482522	3015	398381.7862	3767332.697	0	0
482522	3016	398583.6371	3767078.454	0	0
482522	3017	399055.2494	3766675.276	0	0
482522	3018	399072.2613	3766660.234	0	0
482522	3019	398904.3259	3767031.766	0	0
482522	3020	398926.5801	3767075.333	0	22
482522	3021	398942.5358	3767125.622	0	57
482522	3022	398892.6918	3767178.277	0	0
482522	3023	398925.3787	3767023.445	0	24
482522	3024	398875.0728	3767041.617	0	14
482522	3025	398487.9641	3767316.473	0	0
482522	3026	398615.2267	3767398.17	0	0
482522	3027	398570.5144	3767240.619	0	0
482600	1000	397628.313	3768809.811	0	83
482600	1001	397727.8508	3768795.757	0	2
482600	1002	397425.3158	3768808.243	0	89
482600	1003	397492.3094	3768721.346	0	160
482600	1004	397720.8927	3768690.255	0	22
482600	1005	397491.1408	3768545.694	0	278
482600	1006	397325.7116	3768510.561	0	62
482600	1007	397693.5837	3768589.3	0	25
482600	1008	397726.5428	3768513.087	0	8
482600	1009	397600.958	3768406.765	0	112
482600	1010	397500.2689	3768255.591	0	0
482600	1011	397507.9268	3768323.268	0	71
482600	1012	397609.0424	3768164.804	0	138
482600	1013	397608.1737	3767948.448	0	98
482600	1014	397651.6446	3767751.685	0	42
482600	1015	397575.94	3767751.175	0	55
482600	1016	397456.5417	3767705.56	0	100
482600	1017	397937.6929	3767833.539	0	194
482600	1018	398287.1358	3767784.965	0	41
482600	1019	397889.7798	3767722.381	0	101
482600	2000	397157.644	3768724.875	0	186
482600	2001	397139.8426	3768607.515	0	0
482600	2002	396814.7778	3768662.186	0	101
482600	2004	396731.0596	3768164.605	0	0
482600	2005	397147.1921	3768367.003	0	0
482600	2006	397087.0615	3768168.815	0	0
482600	2007	397229.7872	3768551.529	0	0
482600	2008	397235.2174	3767956.27	0	0
482600	2009	396964.2293	3767968.982	0	0
482600	2010	396856.7087	3768233.321	0	0
482600	2011	396833.8325	3767660.218	0	125
482600	2012	396988.9697	3767638.895	0	60
482600	2013	397208.1479	3767716.799	0	308
482600	2014	397203.475	3767533.421	0	63
482600	2015	397116.001	3767486.576	0	85
482600	2016	397068.8167	3767451.824	0	4
482600	2017	396885.7262	3767509.049	0	7
482600	2018	397055.0189	3767431.014	0	46
482600	2019	397548.8302	3767285.912	0	22
482600	2020	397630.0719	3767362.55	0	112
482600	2021	397491.8833	3767457.426	0	58
482600	2022	397893.8401	3767602.676	0	155
482600	2023	398085.7307	3767496.58	0	380
482600	2024	397575.6186	3767491.673	0	101
482600	2025	397651.5955	3767559.718	0	55
482600	3000	397017.6763	3768781.296	0	110
482600	3001	396955.1156	3768791.849	0	11
482600	4007	396456.2659	3767897.018	0	85
482600	4008	396370.0919	3767909.829	0	31
482600	4009	396288.9027	3767888.984	0	24
482600	4011	396272.4068	3767757.083	0	63
482600	4012	396396.1425	3767701.051	0	83
482600	4013	396501.3942	3767693.576	0	77
482600	4014	396646.2651	3767653.729	0	121
482600	4015	396728.8745	3767525.734	0	0
482800	1000	398942.7054	3766632.23	0	0
482800	1001	398862.0018	3766648.509	0	0
482800	1002	398183.7072	3766753.828	0	0
482800	1003	397901.7441	3767052.751	0	0
482800	1004	397772.3478	3767158.839	0	0

Census Receptors

Track No.	Block No.	UTM Coordinates (X) meters	UTM Coordinates (Y) meters	Elevation (m)	Population
482800	1005	397510.6728	3767223.667	0	0
482800	1006	396928.3325	3767073.413	0	242
482800	1007	397102.0556	3766943.652	0	0
482800	1008	396756.3749	3767119.318	0	118
482800	1009	396695.9555	3767478.629	0	41
482800	1010	396427.396	3767562.527	0	41
482800	1011	396216.539	3767621.179	0	12
482800	1016	396218.6928	3767665.959	0	0
482800	1017	396382.334	3767620.467	0	0
482800	1018	397473.3246	3767057.391	0	0
482800	1019	397370.3322	3766899.59	0	0
482800	1020	397389.3817	3766889.893	0	0
482800	1021	397243.5328	3766879.121	0	0
482800	1022	397463.4631	3766446.441	0	0
482800	1023	397213.5871	3766409.343	0	0
482800	1024	397112.6095	3766403.677	0	0
482800	1025	397122.1665	3766391.041	0	0
482800	1026	397389.0349	3766326.368	0	0
482800	1027	397348.2047	3766256.502	0	0
482800	1028	397568.3144	3766434.768	0	0
482800	1029	398258.3355	3766490.748	0	0
482800	1030	396459.6213	3767453.602	0	47
482800	1031	396331.3501	3767441.59	0	70
482800	1032	396614.8904	3767258.492	0	235
482800	1033	396566.3224	3767156.663	0	46
482800	1034	396548.411	3767392.632	0	52
482800	1035	397871.943	3766260.142	0	0
482800	1036	398195.3048	3766262.087	0	0
482800	1037	397673.208	3766060.344	0	0
482800	1038	398389.3516	3766267.762	0	0
482800	2000	396313.4362	3766709.403	0	144
482800	2001	396287.8454	3766766.797	0	45
482800	2002	395914.3932	3766633.387	0	305
482800	2004	395808.1547	3766477.08	0	2
482800	2005	396040.9103	3766476.513	0	0
482800	2006	396041.6	3766522.418	0	40
482800	2007	396248.0304	3766520.925	0	37
482800	2008	396580.708	3766573.172	0	68
482800	2009	396498.0528	3766638.62	0	160
482800	2010	396249.8091	3766582.011	0	72
482800	2011	396756.3205	3766514.47	0	0
482800	2012	396648.8647	3766490.471	0	0
482800	2013	396551.2495	3766513.608	0	98
482800	2014	396247.6199	3766475.128	0	161
482800	3000	396160.3453	3767296.193	0	376
482800	3002	396308.6888	3767092.836	0	76
482800	3007	395872.311	3767095.862	0	62
482800	3008	395893.4002	3767015.67	0	94
482800	3009	396121.267	3767016.711	0	45
482800	3010	396345.8478	3767012.802	0	123
482800	3011	396326.5321	3766926.845	0	162
482800	3012	395893.322	3766916.415	0	194
482800	3013	395879.078	3766847.038	0	94
482800	3015	395932.0936	3766773.481	0	112
482800	3016	396366.4904	3766841.013	0	166
500300	1000	404187.1024	3766354.913	0	0
500300	1001	404093.9759	3766303.404	0	0
500300	1002	403775.9749	3765965.406	0	0
500300	1003	404197.0261	3766304.687	0	0
500300	1004	404229.6999	3766121.487	0	0
500300	1005	404240.5647	3765936.29	0	0
500300	1006	403208.6422	3765509.535	0	0
500300	1007	402777.0226	3765128.264	0	0
500300	1008	402669.8287	3765030.78	0	0
500300	1009	402638.946	3764919.202	0	0
500300	1010	402646.6458	3764904.706	0	0
500300	1011	403683.8824	3765417.959	0	0
500300	1012	403924.6705	3765778.918	0	0
500300	1013	404059.5207	3765756.034	0	0
500300	1014	404145.0509	3765695.282	0	0
500300	1015	404219.1456	3765790.678	0	0
500300	1016	404062.6727	3765566.257	0	0
500300	1017	404163.7307	3765616.134	0	0
500300	1018	402637.8147	3764764.512	0	0
500300	1019	402648.9368	3764625	0	0
500300	1020	402647.6635	3764895.935	0	0
500300	1021	402974.4388	3764875.83	0	0
500300	1022	403291.7031	3765072.305	0	0
500300	1023	403366.1046	3765060.898	0	0
500300	1024	403373.8531	3764969.773	0	10
500300	1025	403761.0588	3765098.899	0	1
500300	1026	404194.7518	3765360.757	0	0
500300	1027	403951.6832	3765047.944	0	0
500300	1028	404233.0739	3765133.141	0	0
500300	1029	403831.9619	3764752.623	0	0
500300	1030	404173.2463	3764851.515	0	0
500300	1031	404031.4937	3764696.035	0	0
500300	1032	403285.682	3764430.495	0	0
500300	1033	403328.4633	3764404.884	0	0
500300	1034	403208.4556	3764508.248	0	0
500300	1035	403219.3823	3764628.459	0	0
500300	1036	403096.3134	3764585.915	0	0
500300	1037	403234.0633	3764781.679	0	0
500300	1038	403015.5607	3764671.69	0	0
500300	1039	402912.8715	3764680.396	0	0

Census Receptors

Track No.	Block No.	UTM Coordinates (X) meters	UTM Coordinates (Y) meters	Elevation (m)	Population
500300	1040	402791.5573	3764116.955	0	0
500300	1041	402761.268	3764260.767	0	0
500300	1042	402604.1383	3764265.268	0	0
500300	1043	402769.7991	3764569.528	0	0
500300	1044	402731.8439	3764587.329	0	0
500300	1045	402716.1041	3764637.173	0	0
500300	1046	402673.4304	3764609.222	0	0
500300	1047	402828.4622	3764715.642	0	0
500300	1048	402364.0757	3763670.007	0	7
500300	1049	403027.5561	3763995.429	0	4
500300	1050	403138.1597	3763902.14	0	0
500300	1051	403427.9827	3764302.507	0	0
500300	1052	403387.8068	3764338.183	0	0
500300	1053	403493.0766	3764265.247	0	0
500300	1054	403842.4584	3764522.628	0	0
500300	1055	403870.1771	3764333.378	0	0
500300	1056	404048.1807	3764311.165	0	0
500300	1057	404865.9355	3764901.077	0	0
500300	1058	404215.6363	3764824.693	0	0
500300	1059	405839.7338	3763702.302	0	0
500300	1060	404824.6494	3764524.001	0	0
500300	1061	405913.4735	3763975.813	0	0
500300	1062	405891.2004	3764614.352	0	0
500300	1063	404366.0311	3764931.294	0	0
500300	1064	405492.8909	3764463.181	0	0
500300	1065	404267.5404	3764789.013	0	0
500300	1066	405020.9819	3764552.413	0	0
500300	1067	405187.9315	3764413.448	0	0
500300	1068	404299.9172	3764767.282	0	0
500300	1069	405587.3822	3764419.21	0	0
500300	1070	405303.6685	3764480.822	0	0
500300	1071	404803.8043	3764407.216	0	0
500300	1072	405708.1141	3764145.09	0	0
500300	1073	404274.6228	3764321.068	0	0
500300	1074	404447.0077	3764674.859	0	0
500300	1075	405398.5373	3764428.527	0	0
500300	1076	405116.9698	3764492.23	0	0
500300	1077	405674.7053	3764397.157	0	0
500300	1078	405963.7151	3763892.586	0	0
500300	1079	405692.7778	3763894.396	0	0
500300	1080	404132.4503	3764343.357	0	0
500300	1081	404522.1743	3764373.016	0	0
500300	1082	404597.4563	3764814.289	0	0
500300	1083	404430.1075	3765113.182	0	0
500300	1084	404284.423	3765115.765	0	0
500300	1085	404268.7183	3765023.88	0	0
500300	1086	404213.2294	3764951.694	0	0
500300	1087	403739.5995	3764124.779	0	517
500300	1088	403573.8349	3763989.066	0	392
500300	1089	403300.6813	3764054.069	0	0
500300	1090	404863.5129	3763503.698	0	0
500300	1091	405085.125	3763941.618	0	0
500300	1092	405379.9338	3763759.788	0	0
500300	1093	404040.1477	3764111.078	0	50
500300	1094	404346.3461	3764153.776	0	0
500300	1095	405336.5384	3763899.175	0	0
500300	1096	404451.1318	3764013.764	0	0
500300	1097	405230.0873	3763874.403	0	0
500300	1098	404894.971	3764078.821	0	0
500300	1099	404973.5144	3763651.525	0	0
500300	1100	405000.6884	3764159.378	0	0
500300	1101	404245.4982	3764208.138	0	0
500300	1102	405452.1306	3763739.105	0	0
500300	1103	405153.9054	3763958.006	0	0
500300	1104	404709.0051	3763952.941	0	0
500300	1105	402356.7559	3763408.255	0	67
500300	1106	402545.0136	3763555.137	0	0
500300	1107	402520.0124	3763477.102	0	0
500300	1108	402495.9443	3763346.269	0	0
500300	1109	402535.4981	3763527.955	0	0
500300	1110	402560.9128	3763601.328	0	0
500300	1111	402798.3527	3763744.826	0	0
500300	1112	403066.7459	3763575.171	0	0
500300	1113	403114.6716	3763484.41	0	0
500300	1114	402654.7671	3763415.053	0	0
500300	1115	403229.0859	3763474.034	0	0
500300	1116	402681.3106	3763589.221	0	0
500300	1117	403039.797	3763658.066	0	0
500300	1118	402952.5858	3763277.142	0	0
500300	1119	403272.8951	3763233.384	0	0
500300	1120	403179.4576	3763299.325	0	0
500300	1121	402763.8507	3763568.854	0	0
500300	1122	402713.6621	3763627.813	0	0
500300	1123	402789.4239	3763424.203	0	0
500300	1124	402939.7757	3763441.845	0	0
500300	1125	402730.9207	3763294.39	0	0
500300	1126	404118.7352	3763300.182	0	847
500300	1127	403800.8736	3763266.814	0	164
500300	1128	403789.0547	3763793.693	0	89
500300	1129	403748.3435	3763495.795	0	445
500300	1130	404179.0797	3763878.006	0	177
500300	1131	403972.1118	3763531.447	0	22
500300	1132	403740.9547	3763704.467	0	0
500300	1133	403621.7181	3763703.574	0	0
500300	1134	403908.9498	3763732.257	0	0

Census Receptors

Track No.	Block No.	UTM Coordinates (X) meters	UTM Coordinates (Y) meters	Elevation (m)	Population
500300	1135	403413.5358	3762923.876	0	0
500300	1136	402545.6668	3763394.441	0	0
500300	1137	402517.076	3763353.482	0	0
500300	1138	402535.5489	3763201.251	0	0
500300	1139	402474.6914	3763166.059	0	0
500300	1140	402554.0226	3763111.789	0	11
500300	1141	403629.8815	3763181.39	0	100
500300	1142	404243.7219	3762983.638	0	0
500300	1143	404538.5316	3763001.729	0	0
500300	1144	402655.2188	3764535.552	0	0
500300	1145	402624.845	3764536.309	0	0
500300	1146	402384.6876	3764593.125	0	0
500300	1147	402478.1348	3764485.145	0	0
500300	1148	402492.5527	3764369.885	0	0
500300	1149	402467.3942	3764285.419	0	0
500300	1150	402636.0066	3764490.282	0	0
500300	1151	402519.3281	3764288.764	0	0
500300	1152	402444.5823	3764097.24	0	0
500300	1153	402432.6761	3764124.754	0	0
500300	1154	402392.1058	3764202.468	0	0
500300	1155	402761.7257	3764475.903	0	0
500300	1156	405767.1016	3763744.279	0	0
500300	1157	402893.916	3763310.902	0	0
500300	1158	402693.9325	3763254.071	0	0
500300	1159	402673.7442	3763329.578	0	0
500300	1160	403206.8653	3763161.755	0	0
500300	1161	402457.2938	3763941.852	0	0
500300	1162	402818.9158	3763382.203	0	0
500300	1163	405530.5204	3764070.233	0	0
500300	1164	405590.1415	3764205.375	0	0
500300	1165	403113.9966	3764500.233	0	0
500300	1166	403007.0077	3763585.653	0	0
500300	1167	403260.9018	3765184.515	0	0
500300	1168	403364.6816	3765328.174	0	0
500300	1169	403240.1137	3765273.557	0	0
500300	1170	403109.4596	3765147.807	0	0
500300	1171	403107.0146	3765224.573	0	0
500300	1172	403417.1973	3765334.846	0	0
500300	1173	405467.1807	3764052.901	0	0
500300	1174	404438.3358	3764264.519	0	0
500300	1175	404534.0231	3764119.72	0	0
500300	1176	404622.6809	3764120.045	0	0
500300	1177	404720.3588	3764144.899	0	0
500300	1178	404747.0448	3764062.123	0	0
500300	1179	404914.9606	3764321.816	0	0
500300	1180	404903.3204	3764220.352	0	0
500300	1181	405192.6373	3764247.278	0	0
500300	1182	405239.805	3764162.191	0	0
500300	1183	404844.2702	3764124.577	0	0
500300	1184	405705.6441	3764758.591	0	0
500300	1185	405744.7654	3764810.988	0	0
500300	1186	405752.2484	3763866.301	0	0
500300	1187	405638.6233	3764371.9	0	0
500402	1000	400980.147	3763202.101	0	116
500402	1001	400829.0645	3763221.317	0	90
500402	1002	400489.0863	3763150.586	0	6
500402	1003	400613.3315	3763143.845	0	171
500402	1004	401116.764	3763407.053	0	0
500402	1005	400795.9829	3763131.615	0	137
500402	1006	401010.8241	3763371.121	0	0
500402	1007	400754.5714	3763489.251	0	166
500402	1008	401003.0064	3762897.67	0	175
500402	1009	400787.1565	3762615.812	0	211
500402	1010	400865.254	3762285.517	0	0
500402	1011	400846.4405	3763310.629	0	75
500402	1012	400669.9531	3763320.244	0	116
500402	1013	400536.7572	3763327.521	0	0
500402	1014	400511.6302	3763239.178	0	33
500402	1015	400645.2915	3763232.117	0	117
500402	1016	400710.3946	3762403.915	0	0
500402	2000	400688.0462	3762844.302	0	141
500402	2001	400609.3314	3762851.007	0	93
500402	2002	400449.7485	3762756.314	0	471
500402	2003	400331.0875	3762750.023	0	0
500402	2004	400291.6058	3762772.286	0	49
500402	2005	400235.489	3762802.376	0	88
500402	2006	400151.1291	3762834.317	0	67
500402	2007	400091.4375	3762945.624	0	42
500402	2008	400040.7248	3762945.05	0	45
500402	2009	399937.5585	3762936.493	0	4
500402	2010	400002.1701	3762915.072	0	41
500402	2011	399961.5198	3762905.299	0	9
500402	2012	399983.6145	3762837.307	0	0
500402	2013	400205.0331	3762708.323	0	0
500402	2014	400103.5617	3762764.288	0	0
500402	2015	400035.8785	3762766.112	0	0
500402	2016	400235.3449	3762657.323	0	0
500402	2017	400282.6373	3762666.251	0	0
500402	2018	400540.0044	3762643.691	0	144
500402	2019	400608.8155	3762608.479	0	145
500402	2020	400530.9532	3762503.168	0	0
500402	2021	400390.1342	3762577.066	0	0
500402	3000	400507.7975	3763524.558	0	138
500402	3001	400414.4062	3763750.774	0	0
500402	3002	400258.5466	3763736.448	0	38

Census Receptors

Track No.	Block No.	UTM Coordinates (X) meters	UTM Coordinates (Y) meters	Elevation (m)	Population
500402	3003	400223.3975	3763582.448	0	188
500402	3004	400348.6597	3763576.359	0	167
500402	3005	400417.4681	3763524.067	0	185
500402	3006	400483.8764	3763357.687	0	0
500402	3007	400340.6625	3763273.138	0	117
500402	3008	400191.0234	3763411.453	0	269
500402	3009	400104.9728	3763370.22	0	56
500402	3010	400067.5477	3763219.683	0	114
500402	3011	400246.4528	3763141.386	0	397
500402	3012	400461.5048	3763241.59	0	0
500402	3013	400234.8489	3762978.156	0	401
500402	3014	400127.122	3762983.728	0	15
500402	3015	400266.3699	3762919.289	0	73
500403	1000	402209.6699	3764322.902	0	0
500403	1001	402191.9447	3764162.728	0	0
500403	1002	402043.7241	3764144.855	0	0
500403	1003	401560.6595	3763480.827	0	15
500403	1004	401795.6641	3763592.497	0	127
500403	1005	402286.0713	3764138.134	0	0
500403	1006	402261.6635	3763876.336	0	319
500403	1007	402170.8255	3763897.68	0	82
500403	1008	402155.6584	3763609.948	0	0
500403	1009	402240.0184	3763658.536	0	0
500403	1010	402103.6979	3763854.238	0	123
500403	1011	402406.1055	3763930.404	0	0
500403	1012	402281.155	3763662.325	0	0
500403	1013	401977.0921	3763356.068	0	0
500403	1014	401833.7027	3763244.329	0	0
500403	1015	401932.0264	3763392.133	0	0
500403	1016	401809.9398	3763659.886	0	135
500403	1017	401981.5327	3764007.321	0	137
500403	1018	401722.6612	3763179.498	0	0
500403	1019	401340.347	3763405.827	0	0
500403	1020	401419.6274	3763560.146	0	0
500403	1021	401696.4384	3763962.151	0	0
500403	1022	401339.2955	3763464.392	0	0
500403	1023	401589.1333	3763971.695	0	148
500403	1024	401560.2086	3764040.864	0	54
500403	1025	401402.7795	3764034.741	0	0
500403	1026	401318.5152	3763898.107	0	0
500403	1027	401352.0968	3763744.274	0	0
500403	1028	401241.9857	3763538.378	0	3
500403	1029	401203.2797	3763457.938	0	0
500403	1030	401115.2076	3762745.676	0	0
500403	1031	401506.3165	3763051.444	0	0
500403	1032	401422.3319	3763252.488	0	0
500403	1033	401285.2103	3763273.103	0	0
500403	1034	401125.3564	3762638.554	0	0
500403	1035	401256.5862	3762733.997	0	17
500403	1036	401355.1024	3762464.819	0	0
500403	1037	401104.7458	3762283.787	0	0
500403	1038	401746.5577	3763221.612	0	0
500403	1039	401752.3931	3763169.874	0	0
500403	1040	401651.4052	3763068.343	0	0
500403	1041	401666.5021	3763143.485	0	0
500403	1042	401968.7984	3763758.822	0	156
500403	1043	402025.3391	3763823.222	0	150
500403	1044	401903.6451	3763683.311	0	187
500403	1045	401595.9406	3762974.879	0	0
500403	1046	401762.5565	3763152.468	0	0
500403	2000	402140.3887	3765061.419	0	0
500403	2001	401702.9442	3764996.536	0	0
500403	2002	402254.0416	3764827.47	0	223
500403	2003	401758.581	3764334.564	0	180
500403	2004	401911.1187	3764813.278	0	47
500403	2005	401691.88	3764234.341	0	0
500403	2006	401331.9599	3764575.884	0	629
500403	2007	402032.0826	3764643.459	0	30
500403	2008	401942.1658	3764263.126	0	0
500403	2009	402089.3203	3764392.238	0	0
500403	2010	402470.9903	3764732.519	0	0
500403	2011	401848.0608	3764173.943	0	0
500403	2012	401817.1894	3764180.252	0	0
500403	2013	401720.6373	3764184.582	0	0
500403	2014	401548.9639	3764140.567	0	0
500403	2015	401612.845	3764253.572	0	86
500403	2016	401685.1939	3764292.964	0	0
500403	2017	401627.1304	3764339.591	0	21
500403	2018	401615.9963	3764467.682	0	246
500403	2019	401388.8035	3764332.869	0	161
500403	2020	401455.4498	3764365.554	0	140
500403	2021	401859.2624	3764487.999	0	126
500403	2022	401902.2471	3764421.015	0	87
500403	2023	401830.9871	3764566.364	0	99
500403	2024	401194.4073	3764756.642	0	98
500403	2025	401886.1232	3764166.45	0	0
500403	2026	401549.369	3764551.993	0	0
500403	2027	401586.2281	3764712.965	0	197
500404	1000	401281.5169	3763963.368	0	259
500404	1001	401185.1009	3764078.156	0	136
500404	1002	401035.6867	3764105.447	0	77
500404	1003	400949.9226	3764125.863	0	78
500404	1004	400866.4941	3764148.806	0	61
500404	1005	400803.8578	3764164.212	0	34
500404	1006	400762.1491	3764176.183	0	33

Census Receptors

Track No.	Block No.	UTM Coordinates (X) meters	UTM Coordinates (Y) meters	Elevation (m)	Population
500404	1007	400950.5941	3763943.096	0	167
500404	1008	401030.7454	3763624.424	0	57
500404	1009	400917.7697	3763798.275	0	210
500404	1010	400825.3391	3763755.661	0	101
500404	1011	400704.5178	3763947.007	0	7
500404	1012	400808.4352	3763676.103	0	38
500404	1013	400693.8944	3763735.637	0	67
500404	1014	401048.7111	3763558.474	0	0
500404	1015	400857.4351	3763592.97	0	34
500404	1016	401103.9528	3763524.405	0	0
500404	2000	401118.2747	3764496.606	0	334
500404	2001	401007.1492	3764343.51	0	224
500404	2002	400947.2308	3764265.622	0	64
500404	2003	400672.6886	3764433.629	0	106
500404	2004	400686.77	3764323.581	0	84
500404	2005	400692.294	3764172.48	0	71
500404	2006	400617.7968	3763894.022	0	154
500404	2007	400567.8859	3763705.688	0	0
500404	3000	400378.1247	3764225.467	0	753
500404	3001	400422.1757	3764392.126	0	43
500404	3002	400397.2055	3764301.009	0	41
500404	3003	400532.5496	3764262.212	0	148
500404	3004	400605.6404	3764196.014	0	106
500404	3005	400536.6704	3763934.022	0	158
500404	3006	400454.1528	3763955.85	0	167
500404	3007	400375.6319	3763980.076	0	163
500404	3008	400421.4228	3763776.872	0	0
500404	3009	400408.2085	3763767.363	0	0
500404	3010	400248.9889	3763828.483	0	0
500404	4000	401088.4753	3764799.447	0	36
500404	4001	400892.382	3764838.873	0	238
500404	4002	400896.9416	3764754.099	0	68
500404	4003	400597.4189	3764775.542	0	0
500404	4004	400516.9941	3764583.093	0	48
500404	4005	400658.786	3764692.5	0	108
500404	4006	400802.8252	3764690.766	0	103
500404	4007	400956.8806	3764675.51	0	0
500404	4008	400821.2308	3764561.487	0	76
500404	4009	400742.545	3764552	0	38
500404	4010	400762.2439	3764607.575	0	33
500404	4011	400675.298	3764515.001	0	0
500404	4012	400644.9139	3764576.314	0	72
500404	4013	400688.5772	3764565.985	0	0
500404	4014	400704.4744	3764620.047	0	0
500500	1000	400393.246	3764573.86	0	0
500500	1001	400164.7597	3764746.61	0	13
500500	1002	399862.9159	3764827.874	0	0
500500	1003	399460.0647	3764502.005	0	0
500500	1004	399598.7297	3764367.786	0	578
500500	1005	399599.2863	3764446.296	0	40
500500	1006	399634.8146	3764313.396	0	29
500500	1007	399771.7894	3764106.337	0	22
500500	1008	399810.2586	3764442.395	0	0
500500	1009	399607.4898	3764270.879	0	33
500500	1010	399644.416	3764417.538	0	78
500500	1011	399706.7189	3764379.726	0	19
500500	1012	399465.8058	3764321.069	0	17
500500	1013	399510.9232	3764256.379	0	24
500500	1014	399636.6161	3764204.696	0	19
500500	1015	399755.709	3764584.369	0	78
500500	1016	399794.7985	3764543.365	0	61
500500	1017	399920.3119	3764640.735	0	129
500500	1018	400061.8855	3764624.045	0	210
500500	1019	400258.89	3764618.305	0	26
500500	1020	400145.2601	3764596.548	0	130
500500	1021	400318.1446	3764589.068	0	61
500500	1022	399914.3348	3764163.271	0	70
500500	1023	399846.9454	3764392.435	0	54
500500	1024	399991.5439	3764469.309	0	131
500500	1025	400152.5989	3764530.708	0	46
500500	1026	400244.54	3764553.581	0	0
500500	1027	400255.4971	3764489.255	0	93
500500	1028	400329.4059	3764360.832	0	0
500500	1029	400287.7732	3764327.337	0	23
500500	1030	400243.1271	3764323.372	0	86
500500	1031	400177.7704	3764317.075	0	118
500500	1032	400087.3232	3764304.722	0	132
500500	1033	400001.0702	3764313.508	0	117
500500	1034	399922.8147	3764353.704	0	106
500500	1035	400235.1553	3764014.161	0	0
500500	1036	400233.1914	3764125.634	0	0
500500	1037	400165.9336	3764175.583	0	48
500500	1038	400064.1242	3764180.54	0	7
500500	1039	400151.4506	3764124.612	0	27
500500	1040	400129.262	3764061.08	0	74
500500	1041	400138.2889	3763980.14	0	90
500500	1042	400081.0859	3763915.425	0	13
500500	1043	399903.942	3764045.164	0	63
500500	1044	399859.3898	3764006.599	0	58
500500	1045	399841.137	3764541.544	0	0
500500	1046	399321.8141	3764232.44	0	27
500600	1000	399209.1237	3764160.891	0	119
500600	1001	399285.7846	3764075.126	0	91
500600	1002	399128.6478	3764226.514	0	0
500600	1003	399120.2213	3763947.362	0	0

Census Receptors

Track No.	Block No.	UTM Coordinates (X) meters	UTM Coordinates (Y) meters	Elevation (m)	Population
500600	1004	399288.231	3763836.558	0	297
500600	1005	399165.9189	3763772.542	0	87
500600	1006	399086.9485	3763780.482	0	59
500600	1007	399005.8271	3763785.895	0	71
500600	1008	398928.7344	3763788.049	0	42
500600	1009	398836.7288	3763630.669	0	104
500600	1010	398906.7975	3763636.574	0	180
500600	2000	399146.1844	3763610.73	0	132
500600	2001	399067.408	3763619.666	0	169
500600	2002	398987.7959	3763628.168	0	190
500600	2003	398969.6789	3763462.457	0	105
500600	2004	398891.4946	3763483.698	0	56
500600	2005	398808.0856	3763482.705	0	40
500600	2006	398879.2411	3763408.751	0	21
500600	2007	398957.407	3763377.086	0	10
500600	2008	399034.5481	3763344.545	0	25
500600	2009	399047.9499	3763440.662	0	123
500600	2010	399124.2972	3763428.979	0	101
500600	2011	399114.6138	3763326.39	0	46
500600	2012	399026.9401	3763315.349	0	0
500600	2013	398961.5696	3763343.106	0	5
500600	2014	399019.8163	3763305.555	0	0
500600	3000	400148.5189	3763698.24	0	0
500600	3001	400075.5163	3763825.324	0	58
500600	3002	399807.7337	3763942.604	0	100
500600	3003	399744.2929	3763890.821	0	77
500600	3004	399625.0302	3764009.306	0	34
500600	3005	399549.8362	3763963.97	0	63
500600	3006	399556.5144	3763836.255	0	139
500600	3007	399705.9766	3763778.555	0	0
500600	3008	399835.0149	3763789.164	0	102
500600	3009	399917.6037	3763730.401	0	118
500600	3010	400012.0144	3763697.797	0	92
500600	3011	400120.7014	3763713.948	0	0
500600	3012	400059.1093	3763627.322	0	42
500600	3013	399740.0367	3763689.697	0	0
500600	3014	400021.7406	3763884.002	0	0
500600	4000	399877.6917	3763502.152	0	322
500600	4001	399972.4766	3763373.727	0	0
500600	4002	399742.1907	3763361.416	0	83
500600	4003	399716.1087	3763279.517	0	75
500600	4004	399940.0127	3763316.958	0	247
500600	4005	399878.0029	3763234.884	0	102
500600	4006	399881.0922	3763116.634	0	142
500600	4007	399830.462	3763010.375	0	60
500600	4008	399749.7628	3763038.844	0	60
500600	4009	399668.1771	3763070.76	0	33
500600	4010	399653.7123	3763004.486	0	0
500600	4011	399730.5729	3762962.417	0	0
500600	4012	399791.5683	3762896.119	0	0
500600	4013	399643.7679	3762972.542	0	0
500600	4014	399843.7359	3762903.218	0	0
500600	5000	399430.9231	3763758.963	0	40
500600	5001	399483.6664	3763525.183	0	439
500600	5002	399368.5317	3763415.509	0	63
500600	5003	399683.2993	3763608.345	0	0
500600	5004	399659.3502	3763448.905	0	0
500600	5005	399557.4671	3763386.775	0	135
500600	5006	399456.8795	3763168.598	0	18
500600	5007	399310.1917	3763210.081	0	44
500600	5008	399328.1169	3763176.067	0	0
500600	5009	399189.8145	3763215.688	0	0
500600	5010	399077.5886	3763275.439	0	0
500600	5011	399217.7803	3763291.91	0	79
500600	5012	399283.6164	3763411.866	0	129
500600	5013	399305.671	3763592.285	0	151
500600	5014	399225.6915	3763601.011	0	192
500600	5015	399204.98	3763434.107	0	98
500600	5016	399197.2862	3763344.805	0	44
500600	5017	399488.4426	3763105.494	0	0
500600	5018	399613.3856	3763260.201	0	19
500600	5019	399669.549	3763391.685	0	4
500600	5020	399569.9789	3763112.502	0	209
500600	5021	399546.1424	3763024.813	0	2
500600	5022	399472.0359	3763065.19	0	0
500600	5023	399371.386	3763119.492	0	0
500700	1000	399663.4183	3762648.178	0	479
500700	1001	399717.4762	3762397.752	0	60
500700	1002	399485.1871	3762607.818	0	67
500700	1003	399807.2839	3762382.827	0	8
500700	1004	399585.2029	3762458.374	0	53
500700	1005	399751.2363	3762367.23	0	127
500700	1006	399778.0378	3762351.199	0	0
500700	1007	399525.4042	3762524.439	0	91
500700	1008	399543.7759	3762958.521	0	0
500700	1009	399699.2427	3762202.543	0	4
500700	1010	399709.2146	3762193.455	0	1
500700	1011	399434.3904	3762686.43	0	102
500700	1012	399305.9512	3762603.402	0	180
500700	1013	399336.5823	3762756.449	0	38
500700	1014	399810.8873	3762819.062	0	0
500700	1015	399888.1815	3762686.829	0	4
500700	2000	399262.1712	3762421.33	0	160
500700	2001	399328.137	3762344.663	0	133
500700	2002	399386.2943	3762280.611	0	133

Census Receptors

Track No.	Block No.	UTM Coordinates (X) meters	UTM Coordinates (Y) meters	Elevation (m)	Population
500700	2003	399419.9021	3762183.661	0	183
500700	2004	399504.7498	3762153.815	0	112
500700	2005	399569.5977	3762102.003	0	69
500700	2006	399605.6804	3762072.676	0	0
500700	2007	399555.7757	3762009.439	0	22
500700	2008	399403.2557	3761947.182	0	110
500700	2009	399440.6271	3762004.341	0	38
500700	2010	399309.3055	3761911.695	0	171
500700	2011	399215.1328	3762132.941	0	146
500700	2012	399364.5704	3761844.68	0	0
500700	3000	399030.5369	3762241.704	0	121
500700	3001	398833.9083	3761993.507	0	176
500700	3002	399067.4929	3761999.996	0	55
500700	3003	399103.2336	3762033.993	0	75
500700	3004	399137.0903	3762064.572	0	60
500700	3005	399114.0873	3762159.636	0	61
500700	3006	399040.0135	3761961.142	0	57
500700	3007	398918.1375	3761680.872	0	231
500700	3008	399022.83	3761908.981	0	27
500700	3009	399089.8422	3761757.001	0	171
500700	3010	399202.5774	3761804.041	0	0
500700	3011	399303.0924	3761787.888	0	0
500700	3012	399016.1953	3761408.347	0	0
500700	3013	399008.9669	3761423.506	0	0
500700	3014	398927.9555	3761371.916	0	97
500700	4000	398650.2593	3761733.419	0	137
500700	4001	398584.9235	3761756.742	0	75
500700	4002	398644.033	3761531.54	0	119
500700	4003	398700.7152	3761398.632	0	191
500700	4004	398653.6969	3761441.942	0	98
500700	4005	398753.4089	3761644.04	0	39
500700	4006	398693.861	3761690.368	0	117
500700	4007	398651.3478	3761110.382	0	252
500700	4008	398838.4798	3761168.043	0	110
500700	4009	398696.3212	3761160.692	0	39
500700	4010	398500.3418	3761156.802	0	52
500700	4011	398803.3676	3761046.32	0	0
500700	4012	398667.5474	3760837.288	0	0
500700	4013	398524.1642	3760931.645	0	0
500700	5000	398384.7783	3761518.573	0	103
500700	5001	398085.6175	3761377.067	0	351
500700	5002	398198.8564	3761315.408	0	100
500700	5003	398278.9024	3761311.11	0	39
500700	5004	398375.2785	3761451.137	0	27
500700	5005	398414.6324	3761425.43	0	45
500700	5006	398474.2596	3761395.07	0	69
500700	5007	398346.2614	3761217.897	0	111
500700	5008	398316.9634	3761285.416	0	59
500700	5009	398223.3662	3761189.275	0	0
500700	5010	398264.5903	3761105.437	0	0
500700	5011	398121.3194	3761200.908	0	0
500700	5012	398005.2898	3761278.012	0	0
500700	5013	398414.0459	3761172.81	0	132
500700	6000	398867.7166	3763324.258	0	0
500700	6001	399110.1476	3762968.237	0	0
500700	6002	398797.171	3763161.77	0	0
500700	6003	398766.383	3762960.265	0	0
500700	6004	398571.5006	3762710.612	0	360
500700	6005	397824.4618	3762206.742	0	0
500700	6006	398544.8543	3761784.564	0	75
500700	6007	398290.4088	3761608.194	0	63
500700	6008	398401.2789	3761653.026	0	55
500700	6009	397841.9955	3762051.184	0	0
500700	6010	397766.8749	3762143.154	0	0
500700	6011	398514.7482	3761828.359	0	56
500700	6012	397870.3252	3761372.29	0	0
500700	6013	397442.1524	3761738.893	0	0
500700	6014	397564.1493	3761906.803	0	0
500700	6015	397476.5957	3761891.227	0	0
500700	6016	397386.9533	3761776.753	0	0
500800	1000	400191.8216	3760702.102	0	0
500800	1001	400322.1276	3761153.857	0	328
500800	1002	400029.0695	3761115.915	0	156
500800	1003	399980.3341	3760918.699	0	80
500800	1004	399937.6217	3760845.736	0	92
500800	1005	399892.5246	3760189.034	0	0
500800	1006	400223.6743	3761103.437	0	84
500800	1007	400098.124	3761067.833	0	150
500800	1008	399955.8062	3761150.291	0	134
500800	1009	400208.2493	3761270.168	0	102
500800	1010	400060.5449	3760220.75	0	0
500800	1011	400374.575	3760738.992	0	0
500800	1012	400375.502	3760642.723	0	0
500800	1013	400516.8603	3760881.107	0	0
500800	1014	400531.0045	3760829.281	0	0
500800	1015	400182.9747	3760327.362	0	0
500800	1016	400022.1243	3760073.219	0	0
500800	2000	399901.5747	3760774.145	0	102
500800	2001	399868.7543	3760701.965	0	112
500800	2002	399836.4772	3760628.781	0	111
500800	2003	399801.8691	3760553.626	0	156
500800	2004	399768.618	3760475.795	0	103
500800	2005	399731.2505	3760401.89	0	142
500800	2006	399689.4683	3760329.916	0	136
500800	2007	399650.2274	3760253.701	0	67

Census Receptors

Track No.	Block No.	UTM Coordinates (X) meters	UTM Coordinates (Y) meters	Elevation (m)	Population
500800	2008	399623.3477	3760210.625	0	69
500800	2009	399631.9986	3760190.018	0	0
500800	2010	399530.2732	3760259.188	0	0
500800	3000	399873.2277	3761308.306	0	187
500800	3001	399886.8851	3761193.382	0	166
500800	3002	399730.4852	3761001.299	0	145
500800	3003	399831.5465	3760931.14	0	94
500800	3004	399678.8197	3760824.632	0	30
500800	3005	399630.7823	3760737.643	0	105
500800	3006	399592.9657	3760664.963	0	99
500800	3007	399551.6254	3760591.1	0	122
500800	3008	399515.1591	3760515.189	0	132
500800	3009	399422.8423	3760426.009	0	55
500800	3010	399520.5487	3760378.838	0	51
500800	3011	399406.8861	3760341.564	0	7
500800	4000	399412.166	3761786.063	0	0
500800	4001	399486.5397	3761700.325	0	0
500800	4002	399390.96	3761529.116	0	115
500800	4003	399670.3632	3761316.775	0	114
500800	4004	399793.2587	3761398.425	0	44
500800	4005	399831.2312	3761468.776	0	30
500800	4006	399231.5724	3761152.317	0	176
500800	4007	399161.7663	3761190.1	0	212
500800	4008	399134.1392	3761310.941	0	112
500800	4009	399059.0863	3761350.333	0	103
500800	4010	399003.5262	3761355.14	0	0
500800	4011	398998.787	3760997.544	0	242
500800	4012	398885.8545	3761149.239	0	6
500800	4013	398817.3082	3760872.615	0	0
500800	4014	398895.3294	3760929.227	0	398
500800	4015	398767.2458	3760761.143	0	0
500800	4016	398896.4972	3760683.908	0	0
500800	4017	398995.0029	3760616.872	0	0
500800	4018	399083.4688	3760743.24	0	88
500800	4019	399190.9155	3760891.142	0	12
500800	4020	399447.7128	3761045.331	0	71
500800	4021	399550.0554	3761305.076	0	85
500800	4022	399091.5036	3760552.299	0	0
500800	4023	399202.0509	3760713.586	0	179
500800	4024	399393.154	3760753.362	0	0
500800	4025	399222.3029	3760559.223	0	52
500800	4026	399326.8906	3760577.296	0	114
500800	4027	399429.2417	3760680.563	0	0
500800	4028	399243.7772	3760450.204	0	0
500800	4029	399158.7433	3760507.334	0	0
500900	1000	400457.2036	3762376.301	0	161
500900	1001	400549.5932	3762167.507	0	143
500900	1002	400561.294	3762322.862	0	151
500900	1003	400753.7594	3762055.908	0	168
500900	1004	400760.5426	3762306.354	0	45
500900	1005	400653.8429	3761539.397	0	0
500900	1006	400554.2285	3761615.299	0	0
500900	1007	400401.3697	3761415.406	0	90
500900	1008	400456.4882	3762123.905	0	177
500900	1009	400408.3235	3762058.65	0	156
500900	1010	400363.192	3761992.032	0	151
500900	1011	400324.9472	3761921.571	0	133
500900	1012	400467.5324	3761162.64	0	0
500900	2000	400290.5613	3761849.184	0	154
500900	2001	400258.2839	3761775.334	0	186
500900	2002	400048.7258	3761665.094	0	145
500900	2003	400267.1595	3761679.646	0	122
500900	2004	400233.3441	3761608.917	0	103
500900	2005	400199.721	3761538.963	0	119
500900	2006	400161.6885	3761471.384	0	110
500900	2007	399997.1911	3761491.197	0	41
500900	2008	399974.7792	3761450.845	0	42
500900	2009	400202.4944	3761328.894	0	66
500900	2010	400264.8186	3761369.823	0	120
500900	3000	400011.3549	3761948.722	0	177
500900	3001	399940.1688	3761986.736	0	141
500900	3002	399829.6602	3762114.55	0	46
500900	3003	399528.7603	3761970.579	0	447
500900	3004	399696.6584	3762045.872	0	15
500900	3005	399755.4149	3761976.936	0	37
500900	3006	399821.0958	3761933.767	0	45
500900	3007	399831.0261	3761781.066	0	196
500900	3008	399633.4737	3761958.489	0	52
500900	3009	399581.3808	3761871.875	0	70
500900	3010	399501.0641	3761806.744	0	144
500900	3011	399732.7237	3761639.936	0	100
500900	3012	399605.8198	3761659.136	0	0
500900	3013	399790.0529	3761697.661	0	184
500900	3014	399762.2817	3761569.979	0	92
500900	3015	400081.4507	3761912.383	0	169
500900	4000	399913.4333	3762637.878	0	0
500900	4001	400052.5952	3762634.854	0	0
500900	4002	400209.6443	3762558.784	0	0
500900	4003	400369.9514	3762511.183	0	0
500900	4004	400218.5801	3762390.125	0	253
500900	4005	399966.1379	3762459.773	0	363
500900	4006	399916.6782	3762254.803	0	103
500900	4007	399868.0765	3762279.492	0	221
500900	4008	399821.1562	3762305.939	0	167
500900	4009	400145.067	3762216.126	0	51

Census Receptors

Track No.	Block No.	UTM Coordinates (X) meters	UTM Coordinates (Y) meters	Elevation (m)	Population
500900	4010	399976.5899	3762225.225	0	63
501001	1000	400727.2659	3761564.355	0	0
501001	1001	400815.6604	3761669.336	0	0
501001	1002	400768.1363	3761356.77	0	0
501001	1003	400972.6814	3761985.745	0	0
501001	1004	401070.9678	3761977.287	0	0
501001	1005	400992.7907	3761894.821	0	0
501001	1006	401116.6282	3761679.494	0	280
501001	1007	401203.0964	3761839.392	0	0
501001	1008	401180.8115	3761633.688	0	0
501001	1009	401002.3011	3761099.587	0	0
501001	1010	400791.5655	3761106.673	0	553
501001	1011	400862.5263	3761266.731	0	166
501001	1012	400962.2343	3761790.675	0	83
501001	1013	400912.3675	3761827.349	0	0
501001	1014	400983.2667	3761681.997	0	72
501001	1015	400969.6114	3761559.931	0	159
501001	1016	401029.3753	3761515.502	0	64
501001	2000	401291.3924	3761847.121	0	0
501001	2001	401253.98	3761740.717	0	0
501001	2002	401289.6541	3761405.879	0	359
501001	2003	401344.5168	3761467.077	0	65
501001	2004	401270.9498	3761525.621	0	71
501001	2005	401416.9394	3761404.996	0	65
501001	2006	401490.0256	3761344.461	0	49
501001	2007	401232.5609	3761122.134	0	156
501001	2008	401061.7785	3761000.932	0	292
501001	2009	401157.513	3760985.959	0	30
501001	2010	401193.2965	3760953.647	0	36
501001	3000	401430.3852	3761755.845	0	8
501001	3001	401456.6417	3761766.883	0	0
501001	3002	401510.2113	3761695.241	0	0
501001	3003	401598.11	3761620.247	0	0
501001	3004	401443.1611	3761590.032	0	133
501001	3005	401367.0464	3761652.262	0	112
501001	3006	401669.9914	3761559.394	0	3
501001	3007	401591.7877	3761465.279	0	304
501001	3008	401518.9846	3761526.364	0	188
501002	1000	401739.3284	3761484.705	0	26
501002	1001	401862.2208	3761372.09	0	100
501002	1002	401805.9848	3761338.517	0	52
501002	1003	401792.4688	3761255.595	0	239
501002	1004	401870.5348	3761247.356	0	63
501002	1005	401560.0226	3761324.326	0	9
501002	1006	401584.9943	3761300.556	0	5
501002	1007	401657.8585	3761236.255	0	51
501002	1008	401645.0669	3761125.38	0	9
501002	1009	401605.1178	3761103.616	0	57
501002	1010	401578.3605	3761044.564	0	71
501002	1011	401527.0388	3761039.664	0	0
501002	1012	401548.0524	3760990.54	0	107
501002	1013	401496.4224	3760947.162	0	188
501002	1014	401430.5841	3760870.108	0	168
501002	1015	401307.4987	3760733.989	0	109
501002	1016	401235.2306	3760598.783	0	86
501002	1017	401778.4261	3761113.017	0	23
501002	1018	401838.4249	3761099.53	0	4
501002	1019	401695.6148	3761118.09	0	52
501002	2000	402001.3938	3761216.723	0	4
501002	2001	402119.0865	3761154.512	0	85
501002	2002	402029.5721	3761100.988	0	67
501002	2003	401953.3613	3761154.675	0	0
501002	2004	401910.8418	3761107.651	0	6
501002	2005	401912.1673	3760994.855	0	62
501002	2006	402001.522	3761006.018	0	30
501002	2007	402092.446	3760927.782	0	62
501002	2008	402207.3548	3761015.977	0	71
501002	2009	402239.1689	3760938.908	0	19
501002	2010	402173.0402	3760859.967	0	16
501002	2011	402110.8703	3760788.749	0	18
501002	2012	402019.1752	3760837.272	0	56
501002	2013	401912.9325	3760801.222	0	25
501002	2014	401838.6638	3760837.478	0	61
501002	2015	401751.2252	3760859.789	0	72
501002	2016	401779.4573	3760954.202	0	0
501002	3000	401967.3533	3760605.701	0	72
501002	3001	401921.7587	3760627.688	0	44
501002	3002	401852.0621	3760641.717	0	105
501002	3003	401762.9011	3760667.372	0	77
501002	3004	401660.1128	3760706.255	0	71
501002	3005	401576.5186	3760511.945	0	217
501002	3006	401457.0282	3760517.291	0	104
501002	3007	401734.5231	3760327.546	0	70
501002	3008	401699.635	3760357.518	0	52
501002	3009	401650.6271	3760397.839	0	129
501002	3010	401500.2394	3760355.043	0	22
501002	4000	402231.2344	3760456.811	0	133
501002	4001	402180.6121	3760394.677	0	150
501002	4002	402056.0846	3760315.121	0	37
501002	4003	401912.1896	3760247.965	0	114
501002	4004	401855.0597	3760182.241	0	139
501002	4005	401797.5101	3760111.753	0	127
501002	4006	401975.4571	3759960.642	0	66
501002	4007	402033.9277	3760030.9	0	36
501002	4008	402088.4011	3760098.871	0	56

Census Receptors

Track No.	Block No.	UTM Coordinates (X) meters	UTM Coordinates (Y) meters	Elevation (m)	Population
501002	5000	402401.8872	3760942.441	0	7
501002	5001	402276.3494	3760898.379	0	12
501002	5002	402373.2236	3760850.36	0	29
501002	5003	402406.9114	3760883.17	0	47
501002	5004	402494.9002	3760815.504	0	0
501002	5005	402557.3889	3760792.349	0	17
501002	5006	402391.7335	3760772.985	0	26
501002	5007	402322.6821	3760831.585	0	11
501002	5008	402272.5305	3760814.803	0	4
501002	5009	402219.0411	3760832.655	0	20
501002	5010	402233.3973	3760773.62	0	30
501002	5011	402392.9535	3760721.073	0	20
501002	5012	402520.5134	3760719.093	0	20
501002	5013	402626.5093	3760713.344	0	0
501002	5014	402690.3527	3760687.071	0	0
501002	5015	402058.3185	3760638.251	0	64
501002	5016	402244.4205	3760722.827	0	27
501002	5017	402246.3284	3760666.028	0	29
501002	5018	402440.0546	3760612.13	0	42
501002	5019	402491.9895	3760631.557	0	44
501002	5020	402544.9322	3760650.197	0	17
501002	5021	402599.599	3760665.825	0	13
501002	5022	402372.166	3760541.745	0	49
501002	5023	402404.5127	3760578.784	0	60
501002	5024	402553.3405	3760506.721	0	40
501002	5025	402631.632	3760600.621	0	4
501002	5026	402736.9367	3760626.375	0	0
501002	5027	402328.0857	3760486.752	0	92
501002	5028	402129.2297	3760598.704	0	75
501002	5029	402336.1949	3760242.917	0	106
501002	5030	402103.2074	3759958.212	0	62
501200	1000	402017.2339	3763317.171	0	0
501200	1001	401893.0121	3763245.82	0	0
501200	1002	401951.9708	3763240.219	0	0
501200	1003	401876.6222	3763170.469	0	5
501200	1004	402222.1844	3763184.08	0	106
501200	1005	402223.2902	3763076.61	0	98
501200	1006	402239.7181	3763030.75	0	0
501200	1007	401908.2466	3763147.407	0	0
501200	1008	401970.1263	3763218.627	0	0
501200	1009	402474.4885	3762608.804	0	143
501200	1010	402354.1676	3762745.894	0	44
501200	1011	402227.2979	3762865.642	0	95
501200	1012	402457.9129	3762864.481	0	0
501200	1013	402030.4571	3763033.359	0	99
501200	1014	401899.5287	3763037.044	0	0
501200	1015	401820.5048	3763102.85	0	0
501200	1016	401779.4903	3763137.765	0	0
501200	1017	401623.6586	3762975.81	0	0
501200	1018	401556.379	3762687.845	0	287
501200	1019	401626.4042	3762840.155	0	9
501200	1020	401879.9355	3762946.755	0	128
501200	1021	402511.2947	3762666.978	0	5
501200	1022	402479.0821	3762552.643	0	0
501200	1023	402332.6593	3762398.121	0	786
501200	1024	402235.3553	3762483.408	0	148
501200	1025	402157.3243	3762547.647	0	134
501200	1026	402081.0605	3762612.978	0	134
501200	1027	402004.5127	3762677.537	0	128
501200	1028	401928.1541	3762742.426	0	131
501200	1029	401753.3666	3762792.258	0	193
501200	1030	401846.9712	3763098.916	0	0
501200	1031	401474.3229	3762737.494	0	0
501200	1032	401466.5457	3762753.433	0	0
501200	1033	401450.8757	3762765.351	0	0
501200	1034	402455.3795	3762986.05	0	0
501200	2000	401840.098	3762418.633	0	256
501200	2001	401888.2125	3762382.203	0	72
501200	2002	401694.5891	3762388.87	0	14
501200	2003	401483.0674	3762628.169	0	0
501200	2004	401455.7615	3762569.345	0	56
501200	2005	401440.9559	3762584.47	0	0
501200	2006	401410.4138	3762667.185	0	0
501200	2007	401389.6007	3762761.665	0	0
501200	2008	401327.9068	3762646.975	0	84
501200	2009	401381.1503	3762668.71	0	0
501200	2010	401344.3591	3762391.185	0	0
501200	2011	401376.7225	3762332.515	0	84
501200	2012	401316.3448	3762184.875	0	0
501200	2013	401582.7206	3762325.491	0	68
501200	2014	401627.2371	3762378.37	0	177
501200	2015	401461.7114	3762076.345	0	122
501200	2016	401545.9029	3762249.133	0	0
501200	2017	401434.2024	3762388.363	0	0
501200	2018	401430.2429	3762221.06	0	79
501200	2019	401398.5518	3762149.307	0	47
501200	2020	401301.9982	3762190.902	0	0
501200	2021	401241.4299	3762211.052	0	4
501200	2022	401274.3332	3762292.662	0	35
501200	2023	401301.3594	3762413.036	0	7
501200	2024	401240.4165	3762441.397	0	82
501200	2025	401192.5363	3762464.63	0	39
501200	2026	401186.8833	3762330.171	0	100
501200	2027	401163.91	3762244.244	0	0
501200	2028	401135.231	3762195.748	0	0

Census Receptors

Track No.	Block No.	UTM Coordinates (X) meters	UTM Coordinates (Y) meters	Elevation (m)	Population
501200	2029	401313.3752	3762032.977	0	10
501200	2030	401309.1044	3762146.026	0	0
501200	2031	401308.061	3762161.119	0	0
501200	2032	401274.8074	3762063.654	0	0
501200	2033	401298.7276	3762134.157	0	0
501200	2034	401219.917	3762114.574	0	0
501200	2035	401205.1743	3762038.431	0	0
501200	2036	401583.1602	3762136.85	0	0
501200	2037	401694.392	3762120.945	0	53
501200	2038	401750.0572	3762188.901	0	16
501200	2039	401788.9459	3762224.65	0	22
501200	2040	401970.6414	3762145.138	0	53
501200	2041	401929.5931	3762132.699	0	46
501200	2042	402153.3278	3762152.23	0	200
501200	2043	401636.256	3762081.959	0	12
501200	2044	401606.4939	3762106.776	0	5
501200	2045	401361.9274	3761896.733	0	69
501200	2046	401382.589	3761938.215	0	84
501200	2047	401315.0919	3761887.573	0	0
501200	2048	401259.4301	3761935.506	0	0
501200	2049	401248.8699	3761941.494	0	0
501200	2050	401214.4211	3761968.58	0	0
501200	2051	401153.8111	3762020.226	0	0
501200	2052	401102.5867	3762103.712	0	0
501200	2053	401134.4485	3762138.534	0	0
501200	2054	401562.984	3761937.667	0	62
501200	2055	401534.779	3761961.249	0	101
501200	2056	401439.2961	3761822.069	0	0
501200	2057	401852.8906	3761977.795	0	63
501200	2058	401878.9961	3762010.017	0	54
501200	2059	401905.2018	3762043.015	0	56
501200	2060	401934.6318	3762075.202	0	72
501200	2061	401348.0594	3762081.632	0	5
501200	2062	401822.5019	3761942.291	0	75
501300	1000	403579.4653	3761886.411	0	91
501300	1001	403274.8597	3761925.782	0	70
501300	1002	403269.2048	3762005.131	0	12
501300	1003	403319.9422	3761989.642	0	14
501300	1004	403167.5435	3762035.891	0	23
501300	1005	403115.5991	3762050.728	0	22
501300	1006	403040.8326	3762073.895	0	74
501300	1007	402911.2046	3762223.604	0	50
501300	1008	402887.8071	3762175.826	0	29
501300	1009	402790.9625	3762234.597	0	44
501300	1010	402617.9553	3762449.742	0	5
501300	1011	402584.8142	3762433.559	0	0
501300	1012	402733.0644	3762218.225	0	57
501300	1013	402674.9587	3762208.62	0	42
501300	1014	402641.4164	3762153.517	0	36
501300	1015	402900.2324	3761910.434	0	42
501300	1016	402945.2423	3761975.955	0	40
501300	1017	402838.5479	3761903.304	0	42
501300	1018	402773.7561	3761899.423	0	57
501300	1019	402690.1533	3761898.729	0	37
501300	1020	402616.9055	3761934.859	0	65
501300	1021	402730.2171	3761770.454	0	32
501300	1022	403164.5747	3761781.857	0	114
501300	1023	403092.7134	3761890.495	0	54
501300	1024	403297.4758	3761815.875	0	39
501300	1025	403576.9606	3761785.631	0	175
501300	1026	403371.3184	3761973.37	0	3
501300	2000	403577.6671	3761682.712	0	186
501300	2001	403174.7132	3761581.031	0	554
501300	2002	403294.6497	3761512.158	0	38
501300	2003	403371.24	3761658.092	0	5
501300	2004	403137.0184	3761535.284	0	2
501300	2005	403293.647	3761414.025	0	94
501300	2006	403295.0436	3761659.203	0	20
501300	2007	403295.2539	3761462.803	0	95
501300	2008	403269.6958	3761610.335	0	27
501300	2009	403270.8654	3761562.083	0	29
501300	2010	403290.8116	3761235.954	0	96
501300	2011	403572.7545	3761282.094	0	287
501300	2012	403573.7801	3761382.778	0	255
501300	2013	403575.5301	3761482.012	0	155
501300	2014	403576.3474	3761580.369	0	134
501300	2015	403371.0379	3761584.015	0	7
501300	2016	403569.0614	3761182.547	0	175
501300	3000	402980.7885	3761722.081	0	0
501300	3001	402885.554	3761641.216	0	265
501300	3002	402683.6574	3761653.271	0	9
501300	3003	402865.457	3761447.132	0	39
501300	3004	402784.0509	3761372.891	0	3
501300	3005	402915.1474	3761446.4	0	26
501300	3006	402814.7655	3761449.316	0	42
501300	3007	402966.5973	3761446.094	0	35
501300	3008	402617.4695	3761477.959	0	22
501300	3009	402680.5812	3761295.645	0	69
501300	3010	402673.4194	3761178.628	0	76
501300	3011	402698.0187	3761217.189	0	38
501300	3012	402904.5149	3761193.332	0	87
501300	3013	403018.1291	3761237.413	0	50
501300	3014	403054.4982	3761451.182	0	86
501300	3015	403142.4705	3761237.582	0	90
501300	3016	403068.2037	3761238.01	0	49

Census Receptors

Track No.	Block No.	UTM Coordinates (X) meters	UTM Coordinates (Y) meters	Elevation (m)	Population
501300	4000	402518.8759	3762398.751	0	34
501300	4001	402471.936	3762298.43	0	75
501300	4002	402441.123	3762221.452	0	76
501300	4003	402504.4129	3762142.507	0	48
501300	4004	402325.3407	3762145.463	0	71
501300	4005	402359.8376	3761791.567	0	146
501300	4006	402259.0914	3761982.463	0	23
501300	4007	402444.1437	3762057.516	0	100
501300	4008	402436.3415	3761901.01	0	85
501300	4009	402470.5533	3761823.695	0	70
501300	4010	402357.4268	3761647.426	0	68
501300	4011	402427.6021	3761304.143	0	111
501300	4012	402486.1576	3761455.468	0	34
501300	4013	402540.8643	3761287.007	0	156
501300	4014	402421.4072	3761142.297	0	0
501300	4015	402444.518	3761977.333	0	104
501300	5000	401565.4648	3761847.593	0	94
501300	5001	401631.4883	3761792.123	0	49
501300	5002	401699.4511	3761736.523	0	96
501300	5003	401769.8035	3761679.679	0	77
501300	5004	401988.6958	3761614.087	0	54
501300	5005	401962.3521	3761576.766	0	54
501300	5006	401931.8955	3761543.702	0	58
501300	5007	401902.1684	3761509.742	0	56
501300	5008	401868.4858	3761468.505	0	60
501300	5009	401671.0809	3761628.693	0	0
501300	5010	401535.0058	3761743.334	0	0
501300	5011	401466.2185	3761772.883	0	0
501300	5012	402206.1699	3761330.492	0	60
501300	5013	402324.1961	3761354.336	0	21
501300	5014	402195.466	3761385.275	0	51
501300	5015	402204.9227	3761433.307	0	36
501300	5016	402192.8714	3761286.16	0	76
501300	5017	402139.3373	3761245.793	0	53
501300	5018	402331.6123	3761106.184	0	11
501300	5019	402338.6419	3761187.62	0	48
501300	5020	402392.2608	3761137.718	0	36
501300	6000	402146.7822	3761921.188	0	27
501300	6001	402180.1624	3761817.266	0	70
501300	6002	402123.1687	3761808.318	0	42
501300	6003	402168.0548	3761709.377	0	68
501300	6004	402109.8507	3761699.555	0	60
501300	6005	402050.9642	3761686.302	0	57
501300	6006	401862.0931	3761787.4	0	66
501300	6007	401791.7594	3761846.018	0	52
501300	6008	401723.334	3761901.512	0	35
501300	6009	401657.403	3761956.98	0	42
501300	6010	402248.1756	3761497.956	0	54
501300	6011	402019.7246	3761648.92	0	60
501400	1000	403725.34	3761080.263	0	42
501400	1001	403547.0575	3761108.249	0	163
501400	1002	403344.1006	3761035.686	0	116
501400	1003	403243.1431	3761036.939	0	82
501400	1004	403242.4875	3760837.221	0	93
501400	1005	403342.9808	3760835.529	0	93
501400	1006	403465.9235	3760861.112	0	118
501400	1007	403466.9118	3760958.025	0	33
501400	1008	403467.3293	3761008.035	0	31
501400	1009	403545.8912	3761057.249	0	114
501400	1010	403619.4588	3761006.152	0	71
501400	1011	403724.4895	3760978.468	0	61
501400	1012	403565.2157	3760859.435	0	70
501400	1013	403619.0363	3760955.588	0	43
501400	1014	403591.2743	3760760.361	0	43
501400	1015	403618.4101	3760857.784	0	97
501400	1016	403671.0605	3760857.137	0	61
501400	1017	403723.1623	3760857.051	0	82
501400	1018	403696.3903	3760758.958	0	39
501400	1019	403465.5582	3760761.864	0	45
501400	2000	403693.5048	3760629.683	0	150
501400	2001	403497.4082	3760551.28	0	0
501400	2002	403374.8292	3760362.565	0	7
501400	2003	403366.9562	3760442.047	0	2
501400	2004	403267.7379	3760668.401	0	0
501400	2005	403060.4319	3760578.256	0	5
501400	2006	402942.5677	3760534.883	0	0
501400	2007	402825.9321	3760638.326	0	4
501400	2008	402989.1157	3760524.536	0	0
501400	2009	402901.4018	3760574.562	0	0
501400	2010	402725.4461	3760721.864	0	0
501400	2011	403692.5673	3760428.527	0	166
501400	2012	403690.5202	3760227.271	0	193
501400	2013	403586.1616	3760303.632	0	18
501400	2014	403442.9597	3760267.053	0	0
501400	2015	403400.0625	3760282.24	0	0
501400	2016	403268.8611	3760154.385	0	16
501400	2017	403023.7664	3760416.944	0	0
501400	2018	403611.7174	3760200.349	0	91
501400	2019	403558.2365	3760201.448	0	84
501400	2020	403434.8299	3760104.008	0	54
501400	2021	403556.1829	3760027.029	0	137
501400	2022	403661.4839	3760024.849	0	183
501400	2023	403713.3132	3760024.765	0	151
501400	2024	403270.3085	3760431.722	0	8
501400	3000	403141.9838	3761036.532	0	89

Census Receptors

Track No.	Block No.	UTM Coordinates (X) meters	UTM Coordinates (Y) meters	Elevation (m)	Population
501400	3001	403041.6706	3761037.559	0	85
501400	3002	402938.9399	3761073.1	0	64
501400	3003	402875.1209	3760975.501	0	136
501400	3004	402814.1635	3761102.77	0	13
501400	3005	402765.4366	3760972.634	0	123
501400	3006	402715.3366	3760969.711	0	148
501400	3007	402666.1192	3760989.735	0	138
501400	3008	402614.6236	3761003.794	0	87
501400	3009	402555.5741	3761001.962	0	96
501400	3010	402475.8435	3761037.161	0	117
501400	3011	402400.3913	3761039.269	0	0
501400	3012	402342.7542	3760819.749	0	0
501400	3013	402279.1554	3760770.407	0	0
501400	3014	402227.4771	3760815.855	0	40
501400	3015	402228.3412	3760814.266	0	52
501400	3016	403046.2237	3760805.628	0	0
501400	3017	403123.1037	3760861.62	0	24
501400	3018	402695.4955	3760747.013	0	0
501501	1000	406274.5456	3763629.671	0	0
501501	1001	406084.2965	3763368.958	0	0
501501	1002	405874.8323	3763452.215	0	0
501501	1003	405727.7027	3762821.131	0	0
501501	1004	405764.9868	3763022.146	0	0
501501	1005	405615.454	3762966.193	0	0
501501	1006	405469.1598	3763197.541	0	0
501501	1007	405927.0383	3763315.516	0	0
501501	1008	404445.9926	3762682.173	0	2
501501	1009	404792.3743	3762978.1	0	0
501501	1010	406623.6203	3763057.214	0	0
501501	1011	406662.0914	3763240.145	0	0
501501	1012	403720.2716	3762334.551	0	575
501501	1013	403840.6708	3761666.396	0	55
501501	1014	403893.1557	3761649.894	0	50
501501	1015	403243.0868	3762431.906	0	25
501501	1016	403738.2234	3762010.884	0	0
501501	1017	403630.8251	3761986.36	0	40
501501	1018	403351.956	3762085.351	0	88
501501	1019	403786.206	3761688.02	0	61
501501	1020	403314.4357	3762698.216	0	40
501501	1021	403240.846	3762826.943	0	12
501501	1022	403045.1961	3762878.295	0	3
501501	1023	402858.7126	3762697.783	0	682
501501	1024	402579.7089	3762789.923	0	51
501501	1025	402672.8033	3762941.892	0	17
501501	1026	402516.9545	3762723.255	0	44
501501	1027	402534.6242	3762752.905	0	21
501501	1028	402494.2873	3762880.852	0	34
501501	1029	402504.9075	3762817.975	0	8
501501	1030	402948.6538	3762317.593	0	20
501501	1031	402847.0213	3762386.726	0	49
501501	1032	404661.7975	3761889.196	0	278
501501	1033	405070.6106	3761334.933	0	0
501501	1034	405963.2406	3762153.857	0	0
501501	1035	406841.276	3762678.8	0	0
501501	1036	404083.4529	3761568.784	0	46
501501	1037	403349.9267	3762818.065	0	0
501501	1038	404225.3	3762723.994	0	0
501501	1039	403454.1539	3762116.246	0	11
501501	1040	403479.7882	3761985.127	0	32
501503	1000	404160.6052	3761424.836	0	57
501503	1001	404104.8988	3761424.402	0	53
501503	1002	404025.3649	3761451.823	0	158
501503	1003	403918.2372	3761427.182	0	103
501503	1004	403810.1775	3761429.056	0	179
501503	1005	403942.7296	3761228.207	0	81
501503	1006	403995.9276	3761227.113	0	58
501503	1007	404023.9914	3761352.807	0	24
501503	1008	404048.9498	3761226.908	0	56
501503	1009	404102.3303	3761225.591	0	59
501503	1010	404158.8637	3761225.462	0	95
501503	1011	403889.3412	3761228.749	0	54
501503	1012	403835.8661	3761229.847	0	63
501503	1013	403780.8996	3761229.629	0	69
501503	2000	404487.3806	3761420.202	0	48
501503	2001	404433.3603	3761422.078	0	33
501503	2002	404380.0464	3761420.731	0	26
501503	2003	404327.1356	3761422.707	0	41
501503	2004	404273.9342	3761423.356	0	33
501503	2005	404218.604	3761423.583	0	78
501503	2006	404216.1348	3761225.215	0	65
501503	2007	404271.722	3761222.878	0	42
501503	2008	404325.2962	3761222.448	0	39
501503	2009	404378.8771	3761222.683	0	34
501503	2010	404432.1697	3761221.812	0	37
501503	2011	404485.1852	3761220.944	0	21
501503	2012	404538.3754	3761219.077	0	39
501503	2013	404592.5183	3761220.083	0	23
501503	2014	404648.8344	3761216.743	0	40
501503	2015	404704.3617	3761217.626	0	27
501503	2016	404758.1117	3761216.309	0	33
501503	2017	404811.1339	3761216.108	0	21
501503	3000	404733.2995	3761018.055	0	300
501503	3001	404590.5766	3761018.272	0	63
501503	3002	404536.6285	3761018.373	0	57
501503	3003	404483.2536	3761020.353	0	80

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Track No.	Block No.	UTM Coordinates (X) meters	UTM Coordinates (Y) meters	Elevation (m)	Population
501503	3004	404430.5852	3761019.11	0	42
501503	3005	404378.046	3761021.526	0	66
501503	3006	404324.375	3761021.624	0	77
501503	3007	404269.9851	3761023.727	0	56
501503	3008	404214.4577	3761022.958	0	90
501503	3009	404212.473	3760854.194	0	66
501503	3010	404267.3301	3760852.53	0	54
501503	3011	404321.3683	3760852.095	0	88
501503	3012	404375.1181	3760850.554	0	44
501503	3013	404428.2359	3760850.461	0	35
501503	3014	404481.0699	3760849.706	0	74
501503	3015	404534.0895	3760821.558	0	48
501503	3016	404588.3069	3760820.568	0	56
501503	3017	404679.3772	3760818.874	0	111
501503	3018	404792.0801	3760818.738	0	131
501503	3019	404453.204	3760752.288	0	3
501503	3020	404346.0458	3760752.705	0	5
501503	3021	404238.9011	3760754.453	0	35
501503	4000	404157.0152	3761024.648	0	73
501503	4001	404100.6733	3761025.551	0	89
501503	4002	404046.9098	3761025.653	0	120
501503	4003	403993.7997	3761026.413	0	74
501503	4004	403913.7189	3761027.558	0	143
501503	4005	403805.9261	3761028.875	0	120
501503	4006	403885.5596	3760856.288	0	108
501503	4007	403939.0492	3760856.41	0	188
501503	4008	403992.6188	3760855.312	0	78
501503	4009	404045.9258	3760855.659	0	126
501503	4010	404099.0302	3760854.234	0	145
501503	4011	404155.1929	3760853.776	0	8
501503	4012	404127.9635	3760755.687	0	0
501503	4013	404017.5745	3760756.362	0	0
501503	4014	403911.3456	3760757.328	0	62
501503	4015	403803.7277	3760757.978	0	26
501503	4016	403777.748	3760855.941	0	145
501503	4017	403832.1658	3760856.497	0	141
501504	1000	404582.9682	3760217.46	0	38
501504	1001	404527.9036	3760217.239	0	64
501504	1002	404456.6762	3760235.811	0	254
501504	1003	404339.8226	3760219.026	0	86
501504	1004	404261.8922	3760269.051	0	5
501504	1005	404206.9921	3760221.145	0	2
501504	1006	404419.7218	3760171.754	0	21
501504	1007	404445.3989	3760015.464	0	184
501504	1008	404525.7709	3760014.875	0	89
501504	1009	404580.3424	3760011.886	0	64
501504	1010	404311.9111	3760016.812	0	186
501504	1011	404259.158	3760016.902	0	196
501504	1012	404260.9475	3760166.482	0	3
501504	1013	404365.6589	3760014.606	0	44
501504	1014	404205.0362	3760018.669	0	19
501504	2000	404837.0351	3760686.653	0	0
501504	2001	404768.4467	3760682.574	0	34
501504	2002	404651.8316	3760624.641	0	54
501504	2003	404585.5464	3760619.985	0	36
501504	2004	404531.9644	3760619.971	0	46
501504	2005	404452.4373	3760694.63	0	41
501504	2006	404371.8737	3760620.81	0	63
501504	2007	404318.215	3760622.351	0	62
501504	2008	404265.7448	3760622.659	0	18
501504	2009	404212.4409	3760622.755	0	2
501504	2010	404154.4485	3760625.116	0	0
501504	2011	404096.3232	3760623.487	0	0
501504	2012	404016.3415	3760625.628	0	0
501504	2013	403910.9425	3760626.586	0	21
501504	2014	403830.3828	3760626.406	0	186
501504	2015	403775.2551	3760628.851	0	100
501504	2016	403773.0205	3760427.154	0	91
501504	2017	403828.4456	3760426.591	0	68
501504	2018	403882.0255	3760426.269	0	47
501504	2019	403935.3181	3760424.952	0	71
501504	2020	403988.8913	3760423.965	0	0
501504	2021	404040.9909	3760423.437	0	0
501504	2022	404095.257	3760490.866	0	0
501504	2023	404152.3143	3760423.418	0	0
501504	2024	404209.5846	3760422.617	0	6
501504	2025	404264.4364	3760420.177	0	0
501504	2026	404316.3659	3760421.093	0	0
501504	2027	404368.8316	3760420.231	0	0
501504	2028	404448.6371	3760418.759	0	4
501504	2029	404450.9455	3760565.119	0	0
501504	2030	404452.0592	3760638.853	0	25
501504	2031	404095.1789	3760355.463	0	0
501504	2032	404095.3954	3760422.442	0	0
501504	2033	404529.9172	3760416.941	0	18
501504	2034	404584.8804	3760416.387	0	37
501504	2035	404760.4367	3760620.997	0	54
501504	2036	404760.1615	3760556.902	0	72
501504	3000	404149.2496	3760221.064	0	55
501504	3001	404093.198	3760223.739	0	0
501504	3002	404039.4267	3760223.507	0	1
501504	3003	403985.4829	3760224.497	0	21
501504	3004	403932.0956	3760225.704	0	192
501504	3005	403879.2334	3760224.023	0	94
501504	3006	403825.7537	3760225.231	0	44

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Track No.	Block No.	UTM Coordinates (X) meters	UTM Coordinates (Y) meters	Elevation (m)	Population
501504	3007	403770.6113	3760226.457	0	18
501504	3008	403767.9937	3760023.433	0	0
501504	3009	403822.6011	3760023.987	0	7
501504	3010	403876.8277	3760023.436	0	154
501504	3011	403929.6641	3760022.457	0	247
501504	3012	403982.3236	3760022.255	0	266
501504	3013	404035.8178	3760022.378	0	82
501504	3014	404119.225	3760020.425	0	0
501600	1000	406502.4802	3761564.983	0	0
501600	1006	406097.9223	3761000.428	0	63
501600	1007	405324.8067	3761101.946	0	366
501600	1008	405309.6002	3761244.044	0	0
501600	1009	405043.1213	3761283.531	0	0
501600	1010	405251.8812	3761273.344	0	9
501600	1011	404956.8122	3761087.336	0	0
501600	1012	404888.4859	3761164.207	0	19
501600	1013	404931.4835	3761287.979	0	21
501600	1025	405229.7484	3760391.17	0	69
501600	1026	404988.9803	3760481.855	0	324
501600	1027	404651.1591	3760383.56	0	0
501600	1028	405153.2262	3760443.724	0	44
501600	1029	405135.5752	3760360.175	0	30
501600	1030	404845.8704	3760150.162	0	846
501600	1031	404799.868	3760380.511	0	68
501600	1033	405365.3047	3760246.093	0	80
501600	1034	404929.0189	3759556.923	0	255
501600	2003	404821.0592	3759860.067	0	419
501600	2004	404688.3801	3759960.34	0	84
501600	5000	405558.853	3760977.734	0	138
501600	5001	405237.4049	3760980.725	0	152
501600	5002	405183.0753	3760804.39	0	86
501600	5003	405251.8689	3760672.179	0	84
501600	5004	405602.148	3760715.256	0	27
501600	5005	404923.4741	3760600.839	0	77
501600	5006	404904.6761	3760679.209	0	73
501803	1000	404846.7188	3760703.412	0	0
501803	1001	403393.9122	3759869.547	0	0
501803	1002	403436.0969	3759757.112	0	0
501803	1003	403497.5103	3759554.988	0	0
501803	1004	403596.3496	3759607.323	0	42
501803	1005	403708.8635	3759614.384	0	49
501803	1006	403595.0642	3759426.575	0	0
501803	1007	403629.5447	3759310.227	0	0
501803	1010	403795.6016	3759448.822	0	218
501803	1023	403687.0714	3759370.302	0	210
501803	2000	404116.3806	3759821.617	0	26
501803	2001	404033.1429	3759822.239	0	178
501803	2002	403980.3066	3759823.329	0	196
501803	2003	403926.8101	3759823.095	0	189
501803	2004	403873.8002	3759825.296	0	187
501803	2005	403821.0461	3759825.388	0	108
501803	2006	403766.4331	3759824.39	0	156
501803	2007	403685.7832	3759825.099	0	192
501803	2008	403580.1825	3759825.287	0	2
501803	2009	403924.0282	3759621.736	0	168
501803	2010	403978.0712	3759621.077	0	209
501803	2011	404031.4664	3759620.314	0	181
501803	2012	404084.7781	3759620.44	0	132
501803	2013	404140.4919	3759620.541	0	16
501803	2014	403818.5155	3759621.698	0	202
501803	2015	403764.6753	3759624.13	0	162
501803	2016	403871.1761	3759621.385	0	146
501804	2000	404522.8535	3759835.476	0	0
501804	2001	404362.9187	3759816.463	0	86
501804	2002	404309.3478	3759818.002	0	125
501804	2003	404228.3341	3759819.265	0	0
501804	2004	404307.1239	3759616.194	0	198
501804	2005	404360.3433	3759616.322	0	157
501804	2007	404462.2082	3759767.665	0	0
501804	2008	404254.0071	3759617.064	0	86
501804	2009	404198.22	3759618.848	0	25
502004	2001	402639.8318	3759007.732	0	0
502100	1000	402152.462	3759932.418	0	57
502100	1001	402200.3918	3759885.679	0	105
502100	1002	402250.4497	3759821.286	0	104
502100	1003	402287.0473	3759741.728	0	128
502100	1004	402374.5944	3759666.081	0	200
502100	1005	402161.1248	3759492.069	0	33
502100	1006	402066.3874	3759497.817	0	198
502100	1007	402060.3095	3759687.402	0	24
502100	1008	402108.7364	3759778.059	0	0
502100	1009	402145.8225	3759701.157	0	0
502100	1010	402265.579	3759460.938	0	91
502100	1011	402206.7201	3759478.513	0	46
502100	1012	402342.2067	3759437.192	0	75
502100	1013	401904.6041	3759524.554	0	114
502100	1014	401819.1599	3759339.355	0	0
502100	1015	402012.349	3759284.678	0	0
502100	2000	403054.5701	3759689.815	0	252
502100	2002	403214.8922	3759104.196	0	0
502100	2003	402982.5754	3759859.114	0	0
502100	2004	402908.2722	3759117.98	0	0
502100	2005	403075.1694	3759617.189	0	0
502100	2006	402993.0046	3760011.379	0	0

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Track No.	Block No.	UTM Coordinates (X) meters	UTM Coordinates (Y) meters	Elevation (m)	Population
502100	2007	402835.2253	3760049.481	0	0
502100	2008	402800.1274	3759465.307	0	15
502100	2009	402849.7253	3759238.348	0	0
502100	2010	403414.0379	3759487.527	0	46
502100	2011	403349.3889	3759788.937	0	0
502100	2012	403580.7983	3759350.313	0	0
502100	2013	403538.1783	3759266.133	0	0
502100	2028	403036.3145	3759088.834	0	152
502100	2033	402380.1171	3759179.965	0	0
502100	2034	402398.2787	3759247.758	0	28
502100	2035	402442.8332	3759411.093	0	34
502100	2036	402470.2485	3759579.04	0	40
502100	2037	402401.8975	3759419.61	0	36
502100	2038	402245.374	3759293.693	0	217
502100	2039	402145.036	3759312.029	0	23
502100	2040	402219.0812	3759225.985	0	0
502100	2041	402533.2704	3759373.455	0	43
502100	2042	402530.3351	3759483.272	0	44
502100	2043	402673.5329	3759445.98	0	108
502100	2044	402761.2919	3759444.414	0	6
502100	2045	402602.661	3759130.987	0	0
502100	2046	402560.5241	3759193.522	0	163
502100	2047	402540.6792	3759285.327	0	100
502100	2048	402691.1545	3759263.597	0	69
502100	2049	402775.305	3759171.354	0	223
502100	2050	402811.5502	3759101.783	0	77
502100	2051	402562.3547	3759128.962	0	0
502100	3000	402728.2359	3760570.795	0	27
502100	3001	402726.5833	3760481.873	0	27
502100	3002	402770.0321	3760511.59	0	20
502100	3003	402814.2449	3760534.757	0	8
502100	3004	402797.1789	3760447.214	0	23
502100	3005	402881.1653	3760565.122	0	16
502100	3006	402780.4394	3760328.504	0	21
502100	3007	402863.4429	3760440.545	0	3
502100	3008	402483.897	3760312.258	0	188
502100	3009	402497.312	3760385.866	0	8
502100	3010	402673.3375	3760325.945	0	140
502100	3011	402588.0464	3760225.352	0	196
502100	3012	402378.8893	3760100.64	0	95
502100	3013	402439.3337	3760049.005	0	100
502100	3014	402500.6091	3759997.251	0	105
502100	3015	402696.4594	3760040.704	0	49
502100	3016	402634.1413	3759946.195	0	80
502100	3017	402530.1856	3759854.777	0	124
502100	3018	402771.097	3759571.511	0	3
502100	3019	402651.0829	3759661.904	0	263
502100	3020	402557.6472	3759668.299	0	78
502200	1000	400546.2148	3761054.797	0	0
502200	1001	400586.209	3761019.001	0	0
502200	1002	400670.287	3761037.747	0	0
502200	1003	400644.3104	3760912.816	0	35
502200	1004	400693.8768	3760882.354	0	38
502200	1005	400462.9033	3760485.106	0	85
502200	1006	400366.9208	3760371.558	0	0
502200	1007	400490.9412	3760445.442	0	0
502200	1008	400536.8705	3760596.224	0	29
502200	1009	400491.1818	3760652.929	0	59
502200	1010	400692.5365	3760781.008	0	89
502200	1011	400148.9485	3760070.661	0	206
502200	1012	400039.6621	3760045.42	0	0
502200	1013	400289.0605	3760435.035	0	0
502200	1014	400126.3529	3759986.839	0	32
502200	1015	400326.376	3760232.365	0	72
502200	1016	400403.2029	3760360.309	0	0
502200	1017	400373.4681	3760212.352	0	0
502200	1018	400669.0663	3760595.612	0	0
502200	1019	400934.4313	3760758.069	0	65
502200	1020	400933.9171	3760567.664	0	117
502200	1021	400970.4289	3760534.234	0	81
502200	1022	401216.7697	3760547.186	0	75
502200	1023	401186.5416	3760510.019	0	62
502200	1024	401098.0203	3760420.007	0	137
502200	1025	400996.5221	3760308.397	0	132
502200	1026	400941.8052	3760244.316	0	116
502200	1027	400772.1319	3760318.952	0	24
502200	1028	400729.7196	3760503.375	0	618
502200	1029	400764.8039	3760369.043	0	40
502200	1030	400626.5645	3760295.859	0	100
502200	1031	400530.1984	3760392.021	0	0
502200	1032	400887.5797	3760183.114	0	118
502200	1033	400254.009	3759949.119	0	0
502200	1034	400271.2866	3759940.398	0	0
502200	1035	400186.7466	3759931.419	0	0
502200	1036	400179.9399	3759872.937	0	0
502200	2000	401735.6052	3760040.09	0	118
502200	2001	401641.5871	3759998.926	0	86
502200	2002	401547.1167	3759958.765	0	38
502200	2003	401561.4304	3759869.233	0	111
502200	2004	401748.0473	3759867.96	0	51
502200	2005	401742.5647	3759713.538	0	192
502200	2006	401778.8006	3759661.817	0	61
502200	2007	401913.062	3759886.211	0	61
502200	2008	401821.4867	3759626.22	0	139
502200	2009	401647.1594	3759387.827	0	0

Census Receptors

Track No.	Block No.	UTM Coordinates (X) meters	UTM Coordinates (Y) meters	Elevation (m)	Population
502200	2010	401563.9689	3759411.203	0	0
502200	2011	401488.6636	3759624.131	0	240
502200	2012	401367.4044	3759726.864	0	63
502200	2013	401383.125	3759461.99	0	0
502200	2014	401687.4112	3759375.765	0	0
502200	3000	400469.6902	3760304.604	0	0
502200	3001	400413.3284	3760181.103	0	58
502200	3002	400566.2601	3760157.427	0	84
502200	3003	400523.4782	3760130.485	0	54
502200	3004	400474.6938	3760103.828	0	57
502200	3005	400506.5429	3759881.588	0	117
502200	3006	400628.5307	3759946.18	0	40
502200	3007	400683.0198	3759750.318	0	98
502200	3008	400624.9603	3759685.165	0	0
502200	3009	400571.0823	3759807.163	0	86
502200	3010	400545.4584	3759707.403	0	0
502200	3011	400460.8932	3759731.358	0	0
502200	3012	400393.607	3759895.972	0	73
502200	3013	400334.0812	3759928.647	0	72
502200	3014	400285.1452	3759922.841	0	0
502200	3015	400355.2477	3760148.999	0	0
502200	3016	400443.0636	3759898.557	0	82
502200	4000	401417.6629	3760365.55	0	41
502200	4001	401385.5009	3760328.957	0	39
502200	4002	401343.6216	3760281.929	0	86
502200	4003	401281.5504	3760230.011	0	97
502200	4004	401071.7576	3760108.106	0	136
502200	4005	401155.7709	3760075.734	0	119
502200	4006	401229.7186	3760034.929	0	99
502200	4007	401303.6497	3759992.461	0	80
502200	4008	401432.742	3760145.596	0	68
502200	4009	401495.3168	3760148.272	0	70
502200	4010	401560.2922	3760221.897	0	48
502200	4011	401530.6202	3760087.133	0	34
502200	4012	401401.7932	3759932.774	0	52
502200	4013	401363.7486	3759961.338	0	33
502200	5000	400656.2175	3760189.863	0	31
502200	5001	400787.3536	3760069.939	0	135
502200	5002	400836.5014	3760122.544	0	122
502200	5003	400797.8609	3759944.072	0	107
502200	5004	400692.2205	3759974.234	0	54
502200	5005	400883.3846	3759720.495	0	0
502200	5006	400974.0466	3759881.9	0	58
502200	5007	401072.1515	3759792.046	0	307
502200	5008	401176.6744	3759714.99	0	336
502200	5009	401253.9619	3759719.507	0	65
502200	5010	401294.825	3759704.221	0	59
502200	5011	401225.3425	3759535.606	0	0
502301	1000	399650.6896	3759495.157	0	0
502301	1001	400171.4204	3759748.378	0	89
502301	1002	399727.3837	3759443.332	0	349
502301	1003	399717.5491	3759282.413	0	162
502301	1004	399813.7364	3759099.08	0	35
502301	1005	399655.4289	3759140.124	0	131
502301	1006	399932.1826	3759605.405	0	250
502301	1012	399997.5327	3759555.477	0	110
502301	1013	399905.047	3759372.031	0	183
502301	1014	399827.2271	3759247.651	0	93
502301	1015	400143.1727	3759610.498	0	0
502301	1016	400160.3667	3759602.554	0	0
502301	3000	401040.1172	3759078.204	0	58
502301	3001	400985.9807	3759079.103	0	57
502301	3002	400848.6941	3759080.871	0	98
502301	3003	400774.7008	3759100.277	0	92
502301	3004	400665.8431	3758931.745	0	342
502301	3011	400924.23	3759023.413	0	101
502301	4000	400802.9682	3759496.659	0	0
502301	4001	400864.1735	3759412.18	0	41
502301	4002	400702.8577	3759483.403	0	49
502301	4003	400639.7831	3759257.391	0	499
502301	4004	400585.6364	3759133.976	0	140
502301	4005	400764.8616	3759422.314	0	34
502301	4006	400392.0524	3759010.141	0	174
502301	5000	400607.567	3759542.069	0	57
502301	5001	400500.8377	3759699.111	0	0
502301	5002	400489.6689	3759577.019	0	99
502301	5003	400415.2576	3759608.964	0	99
502301	5004	400262.5904	3759307.599	0	0
502301	5005	400241.6148	3759570.646	0	0
502301	5006	400249.8192	3759674.138	0	0
502301	5007	400174.91	3759535.973	0	34
502301	5008	400064.7207	3759276.859	0	0
502301	5009	399998.7487	3759233.085	0	0
502301	5010	399957.0709	3759206.245	0	0
502301	5011	399964.5263	3759291.002	0	21
502301	5015	400095.674	3759215.539	0	0
502301	5016	400018.1212	3759125.089	0	0
502302	1000	401602.1816	3759247.344	0	0
502302	1001	401527.6228	3759247.897	0	2
502302	1002	401465.9055	3759177.232	0	58
502302	1003	401525.2715	3759066.162	0	0
502302	1004	401343.2018	3759399.083	0	88
502302	1005	401104.3928	3759455.47	0	1
502302	1006	400896.9556	3759534.046	0	0
502302	1007	400957.3397	3759432.831	0	211

Census Receptors

Track No.	Block No.	UTM Coordinates (X) meters	UTM Coordinates (Y) meters	Elevation (m)	Population
502302	1008	401008.1318	3759297.782	0	274
502302	1009	401080.1411	3759318.543	0	630
502302	1010	401237.3532	3759225.413	0	582
502302	1011	401357.2226	3759183.908	0	118
502302	1012	401053.1705	3759151.371	0	0
502302	1013	401588.42	3758954.387	0	0
502302	1014	401254.6887	3758991.573	0	258
502302	1015	401319.5062	3759093.477	0	102
502302	1016	401320.6479	3758866.016	0	200
502401	1000	398713.839	3760708.483	0	220
502401	1001	398542.5359	3760585.668	0	74
502401	1002	398729.9297	3760554.496	0	487
502401	1003	398691.7901	3760650.941	0	34
502401	1004	399066.9342	3760552.782	0	39
502401	1005	399035.832	3760495.114	0	63
502401	1006	399087.7652	3760374.902	0	203
502401	1007	398861.6149	3760376.206	0	171
502401	1008	398821.3335	3760306.992	0	152
502401	1009	399043.6026	3760158.124	0	66
502401	1010	399084.6172	3760226.887	0	61
502401	2000	398439.3956	3760272.045	0	517
502401	2001	398577.3902	3760337.881	0	53
502401	2002	398585.5687	3760204.383	0	144
502401	2003	398645.7048	3760151.728	0	174
502401	2004	398759.7865	3760098.053	0	247
502401	2005	398900.9419	3759975.334	0	0
502401	2006	398647.0315	3759999.451	0	63
502401	3000	398317.9179	3759886.092	0	825
502401	3001	398293.5712	3759959.103	0	129
502401	3002	398567.444	3759866.449	0	140
502401	3003	398466.4462	3759701.517	0	82
502401	3004	398532.2302	3759658.338	0	109
502401	3005	398623.1829	3759687.639	0	168
502401	3006	398800.6681	3759609.443	0	231
502401	3007	398745.6363	3759699.194	0	64
502401	3009	398657.7544	3759559.626	0	127
502402	1000	398393.7767	3760281.597	0	106
502402	1001	398720.1652	3760114.117	0	62
502402	1002	399662.551	3760091.439	0	83
502402	1003	399617.9921	3760019.162	0	133
502402	1004	399341.1324	3760204.971	0	122
502402	1005	399297.0962	3760129.918	0	161
502402	1006	399567.9891	3759947.609	0	150
502402	2000	399126.4352	3760050.225	0	121
502402	2001	399378.5109	3759975.237	0	149
502402	2002	399337.8029	3759909.132	0	165
502402	2003	399296.6359	3759843.363	0	166
502402	2004	399254.0744	3759776.834	0	187
502402	2005	399006.2737	3759837.251	0	104
502402	2006	399527.397	3759735.56	0	142
502402	2007	399593.915	3759691.493	0	129
502402	3000	399393.223	3759490.237	0	474
502402	3001	399198.8657	3759607.193	0	242
502402	3002	399215.3641	3759707.602	0	167
502402	3003	399586.5099	3759515.91	0	0
502402	3004	399671.3496	3759561.477	0	0
502402	3007	398972.8746	3759625.127	0	139
502402	3008	399146.7786	3759539.989	0	154
502402	3011	399131.1194	3759353.626	0	207
502500	2000	397010.6876	3760925.477	0	0
502500	2003	397097.9289	3761251.347	0	0
502500	2004	397172.9979	3761375.625	0	0
502500	2005	397431.7208	3761193.938	0	0
502500	2006	397419.3965	3760943.219	0	0
502500	2007	397374.0199	3760864.973	0	0
502500	2008	397532.9274	3760976.701	0	0
502500	2009	397588.2759	3760892.374	0	0
502500	2010	397404.0985	3760597.16	0	0
502500	2011	397290.3106	3760923.659	0	0
502500	2012	397840.1161	3761192.406	0	0
502500	2013	398223.8816	3760927.882	0	0
502500	2014	397994.2366	3760783.746	0	0
502500	2015	397708.4928	3760980.347	0	0
502500	2016	397630.8128	3760853.432	0	0
502500	2017	397580.2635	3760749.512	0	0
502500	2019	397848.202	3760263.655	0	0
502500	2020	397973.0901	3760536.005	0	0
502500	2021	398333.618	3760522.257	0	0
502500	2022	398354.1626	3760336.171	0	0
502500	2023	398565.6741	3760675.802	0	0
502500	2046	398252.0601	3760162.936	0	0
502700	2000	402379.8528	3759019.834	0	71
502700	2001	402145.1863	3759022.477	0	0
502700	2002	401860.5769	3758993.815	0	27
502700	2003	401722.2095	3759256.633	0	0
530003	1000	400081.1392	3766942.837	0	0
530003	1001	400207.7033	3766950.593	0	0
530003	1002	400299.0578	3766815.109	0	2
530003	1003	400215.1788	3766775.516	0	0
530003	1004	400150.431	3766833.979	0	0
530003	1005	400126.6604	3766821.144	0	0
530003	1006	400104.5973	3766882.482	0	0
530003	1007	400028.8634	3766862.323	0	0
530003	1008	400050.011	3766854.115	0	0
530003	1009	399881.9783	3766670.804	0	0

Census Receptors

Track No.	Block No.	UTM Coordinates (X) meters	UTM Coordinates (Y) meters	Elevation (m)	Population
530003	1010	399629.907	3766790.366	0	0
530003	1011	399237.2677	3766696.732	0	0
530003	1012	399153.8173	3766628.644	0	0
530003	1013	399434.3232	3766630.423	0	0
530003	1014	399235.8883	3766627.99	0	0
530003	1015	400127.7171	3766501.856	0	0
530003	1016	400177.939	3766518.958	0	0
530003	1017	400229.4838	3766547.691	0	0
530003	1018	400167.0134	3766664.572	0	0
530003	1019	400183.9181	3766770.302	0	0
530003	1020	400222.2782	3766748.382	0	0
530003	1021	400292.2113	3766656.264	0	0
530003	1022	400383.7346	3766662.274	0	0
530003	1023	400433.7681	3766456.817	0	0
530003	1024	400253.0816	3766544.115	0	0
530003	1025	399995.2604	3765841.858	0	209
530003	1026	400160.0082	3766071.451	0	0
530003	1027	399581.9444	3765517.427	0	83
530003	1028	399350.117	3765528.986	0	97
530003	1029	399750.6451	3765987.62	0	0
530003	1030	400372.6102	3765962.855	0	0
530003	1031	399445.2393	3765894.937	0	0
530003	1032	399596.7473	3765407.147	0	85
530003	1033	399456.2926	3765493.145	0	67
530003	1034	400163.4871	3765736.501	0	0
530003	1035	400123.8846	3766479.939	0	0
530003	1036	398668.806	3765748.415	0	0
530003	1037	399079.3869	3766022.045	0	0
530003	1038	399349.527	3766227.876	0	0
530003	1039	399580.5482	3766307.15	0	0
530003	1040	399771.1249	3766429.888	0	0
530003	1041	400010.1896	3766476.151	0	0
530003	1042	399891.014	3766495.378	0	0
530003	1043	399754.9032	3766536.966	0	0
530003	1044	399610.1659	3766548.595	0	0
530003	1045	399492.1698	3766557.058	0	0
530003	1046	399260.1176	3766527.812	0	0
530003	1047	400002.6028	3766492.089	0	0
530003	1048	399771.0047	3766244.467	0	0
530003	1049	399738.8996	3766307.798	0	0
530003	1050	400916.5656	3766141.56	0	0
530003	1051	398553.0677	3765727.255	0	339
530003	1052	398320.1119	3765264.315	0	57
530003	1053	398919.6779	3765584.149	0	18
530003	1054	399195.8934	3766358.045	0	0
530003	1055	399134.1264	3766332.199	0	0
530003	1056	399163.2698	3766242.615	0	0
530003	1057	399339.0527	3766319.368	0	0
530003	1058	398505.4416	3765032.43	0	251
530003	1059	398200.5679	3765113.337	0	225
530003	1060	398121.5141	3765035.34	0	34
530003	1061	398323.2578	3765024.518	0	116
530003	2000	399266.8211	3765450.248	0	77
530003	2001	399131.7107	3765474.312	0	69
530003	2002	398964.3825	3765499.056	0	49
530003	2003	398834.7829	3765416.713	0	43
530003	2004	398734.1032	3765387.959	0	53
530003	2005	398645.0717	3765360.523	0	49
530003	2006	398563.6189	3765333.783	0	30
530003	2007	398608.5151	3765189.244	0	47
530003	2008	398765.9486	3765266.184	0	76
530003	2009	398961.7988	3765265.974	0	0
530003	2010	399073.0397	3765081.692	0	263
530003	2011	399186.8525	3765224.757	0	52
530003	2012	398985.4708	3765390.038	0	41
530003	2013	398764.3381	3765176.151	0	77
530003	2014	398706.2135	3765017.08	0	125
530003	2015	398747.141	3764941.341	0	76
530003	2016	399412.3665	3765139.846	0	122
530003	2017	399335.9045	3765035.417	0	70
530003	2018	399445.2032	3765318.708	0	44
530003	2019	399469.2296	3765207.554	0	37
530004	1000	399961.4994	3765155.755	0	304
530004	1001	399507.2076	3765079.728	0	38
530004	1002	399588.9288	3765010.103	0	79
530004	1003	399646.1497	3764946.283	0	107
530004	1004	399239.6254	3764579.319	0	0
530004	1005	400286.3226	3765240.487	0	0
530004	1006	399814.9117	3765369.456	0	0
530004	1007	399540.5214	3765051.65	0	42
530004	1008	399579.2856	3764797.724	0	31
530004	1009	399696.1676	3764873.668	0	72
530004	2000	398844.0357	3764443.256	0	564
530004	2001	398795.1579	3764716.922	0	129
530004	2002	398964.9314	3764479.004	0	97
530004	2003	399039.5349	3764529.664	0	67
530004	2004	399084.9511	3764614.46	0	55
530004	2005	399120.7468	3764749.707	0	98
530004	2006	398638.9852	3764517.203	0	163
530004	2007	398603.9535	3764746.696	0	247
530004	2008	398348.9302	3764801.335	0	180
530004	2009	398203.5291	3764839.496	0	84
530004	2010	398107.2256	3764866.262	0	74
530004	2011	398007.8756	3764893.062	0	51
530004	2012	397955.907	3764698.218	0	32

Census Receptors

Track No.	Block No.	UTM Coordinates (X) meters	UTM Coordinates (Y) meters	Elevation (m)	Population
530004	2013	398054.2373	3764670.875	0	39
530004	2014	398130.664	3764650.422	0	33
530004	2015	398227.357	3764625.315	0	500
530004	2016	398345.3134	3764593.771	0	134
530004	2017	398443.7595	3764568.426	0	108
530004	2018	398541.1833	3764542.428	0	152
530004	2019	399115.7078	3764320.694	0	0
530004	2020	398897.1319	3764719.269	0	121
530004	2021	398997.7778	3764735.605	0	94
530005	1000	399090.5927	3766613.127	0	0
530005	1001	399129.9535	3766564.023	0	0
530005	1002	398847.8478	3766421.65	0	15
530005	1003	399252.5939	3766419.655	0	0
530005	1004	397644.151	3765790.401	0	592
530005	1005	398020.5491	3765451.524	0	226
530005	1006	398120.3963	3765968.235	0	172
530005	1007	397991.2016	3765589.91	0	75
530005	1008	398172.1956	3765831.16	0	204
530005	1009	398325.1511	3766136.149	0	149
530005	1010	397384.2477	3765307.143	0	56
530005	1011	397285.4041	3765354.462	0	95
530005	1012	397625.7686	3765456.9	0	81
530005	1013	398082.8852	3765743.403	0	92
530005	1014	397388.0116	3765220.047	0	51
530005	1015	396981.8597	3765326.824	0	126
530005	1016	397134.4025	3765479.313	0	87
530005	1017	397842.4179	3765134.39	0	64
530005	1018	397790.017	3765352.43	0	53
530005	1019	397819.8638	3765482.525	0	121
530005	1020	398064.2873	3765243.227	0	0
530005	1021	397699.4377	3765335.888	0	131
530005	2000	396934.5696	3766434.895	0	0
530005	2001	396483.1811	3766435.726	0	0
530005	2002	396453.7036	3766408.213	0	0
530005	2003	396460.5897	3766379.414	0	0
530005	2004	396907.9903	3766385.169	0	0
530005	2005	396953.9347	3766407.291	0	0
530005	2006	396239.6808	3766298.662	0	0
530005	2007	396424.799	3766146.584	0	128
530005	2008	396974.6934	3766143.345	0	533
530005	2009	397161.3236	3766128.892	0	89
530005	2010	396986.6197	3766280.287	0	91
530005	2011	397007.6632	3766203.315	0	73
530005	2012	397255.0482	3765772.883	0	83
530005	2013	397096.7042	3765740.005	0	116
530005	2014	396948.8897	3765927.705	0	79
530005	2015	396501.4618	3765845.538	0	0
530005	2016	396856.4986	3765812.49	0	63
530005	2017	396985.4894	3765693.751	0	127
530005	2018	396879.7946	3765544.191	0	81
530005	2019	396797.2603	3765680.944	0	93
530005	2020	396722.4941	3765666.457	0	86
530005	2021	396644.6238	3765646.792	0	55
530005	2022	396552.5873	3765623.622	0	34
530005	2023	396648.356	3765464.543	0	91
530005	2024	396563.1247	3765422.113	0	60
530005	2025	396839.9393	3766452.451	0	0
530005	2026	397168.9767	3765686.652	0	74
530006	1000	397779.5831	3764822.999	0	238
530006	1001	397689.3048	3764664.059	0	0
530006	1002	397602.4055	3764825.915	0	59
530006	1003	397607.7551	3765055.529	0	371
530006	1004	397510.0148	3765026.091	0	740
530006	1005	397315.2811	3765078.663	0	390
530006	1006	397011.5124	3765158.378	0	79
530006	1007	396939.8199	3764985.712	0	70
530006	1008	396933.888	3764865.118	0	14
530006	1009	397042.1923	3764889.112	0	65
530006	1010	397239.4698	3764840.943	0	51
530006	1011	397271.7831	3764933.747	0	167
530006	1012	397449.5334	3764830.566	0	219
530006	1013	397419.1402	3764735.855	0	0
530006	1014	397220.6212	3764789.025	0	0
530006	1015	397566.7465	3764696.771	0	0
530006	1016	397809.7485	3764632.149	0	0
530006	1017	397678.8662	3764962.38	0	370
530006	2000	396793.9102	3765213.428	0	52
530006	2001	396696.9569	3765239.218	0	53
530006	2002	396599.631	3765264.68	0	55
530006	2003	396526.1644	3765284.891	0	22
530006	2004	396453.06	3765304.434	0	429
530006	2005	396426.4363	3765107.878	0	320
530006	2006	396547.2023	3765072.51	0	81
530006	2007	396646.1981	3765047.583	0	66
530006	2008	396742.8921	3765023.238	0	52
530006	2009	396716.7713	3764922.937	0	0
530006	2010	396621.0993	3764947.937	0	0
530006	2011	396517.9719	3764975.127	0	0
530006	2012	396395.8865	3765008.181	0	0
530101	1000	398711.6946	3763951.174	0	1288
530101	1001	398938.2186	3764252.058	0	297
530101	1002	398774.3699	3763991.313	0	0
530101	1003	398793.6796	3764026.594	0	0
530101	1004	398460.7752	3763753.581	0	95
530101	1005	398412.2314	3763765.414	0	76

Census Receptors

Track No.	Block No.	UTM Coordinates (X) meters	UTM Coordinates (Y) meters	Elevation (m)	Population
530101	1006	399025.5604	3764111.725	0	0
530101	1007	398624.4323	3764081.417	0	103
530101	1008	399011.0517	3764301.073	0	0
530101	1009	398832.5738	3764278.251	0	141
530101	1010	399059.9947	3764274.933	0	0
530101	1011	398699.1843	3764369.617	0	0
530101	1012	398362.8304	3763774.817	0	86
530101	1013	398315.131	3763787.861	0	56
530101	1014	398312.6157	3763682.756	0	8
530101	1015	398773.1582	3763748.68	0	0
530101	1016	398885.891	3763814.79	0	21
530101	1017	398891.5096	3763804.749	0	11
530101	1018	398653.8532	3763500.325	0	0
530101	1019	398625.9403	3763515.596	0	0
530101	1020	398574.6101	3763543.316	0	0
530101	2000	398093.433	3764032.007	0	199
530101	2001	397997.7078	3764061.762	0	157
530101	2002	397900.7539	3764088.869	0	147
530101	2003	397810.4227	3763993.807	0	425
530101	2004	397775.2883	3763827.727	0	4
530101	2005	397923.9033	3763786.531	0	18
530101	2006	397941.8139	3763854.429	0	31
530101	2007	397961.2939	3763930.85	0	0
530101	2008	398023.1162	3763865.862	0	65
530101	2009	398071.4565	3763852.366	0	103
530101	2010	398123.8413	3763854.241	0	71
530101	2011	398168.6086	3763826.256	0	63
530101	2012	398216.1193	3763812.881	0	71
530101	2013	398265.2971	3763799.931	0	74
530101	2014	398216.005	3763707.861	0	0
530101	2015	398117.657	3763734.537	0	0
530101	2016	398105.2449	3763782.579	0	0
530101	2017	398020.9658	3763760.642	0	23
530101	3000	398452.1774	3764363.395	0	8
530101	3001	398264.374	3764340.794	0	0
530101	3002	398243.5957	3764203.503	0	159
530101	3003	398341.3213	3764179.496	0	0
530101	3004	398412.9735	3764161.204	0	109
530101	3005	398461.9627	3764148.035	0	136
530101	3006	398536.7549	3764129.711	0	104
530101	3007	398446.9998	3763993.049	0	97
530101	3008	398287.8229	3763979.455	0	150
530101	3009	398190.8603	3764005.895	0	163
530101	3010	398419.6778	3763891.204	0	111
530101	4000	398195.6428	3764424.375	0	34
530101	4001	398099.329	3764450.587	0	61
530101	4002	398003.3889	3764468.589	0	127
530101	4003	397997.1867	3764561.367	0	0
530101	4004	397913.1822	3764504.385	0	89
530101	4005	397862.1021	3764306.649	0	76
530101	4006	397950.4048	3764282.518	0	80
530101	4007	398048.2909	3764256.398	0	115
530101	4008	398146.4545	3764230.277	0	148
530102	1000	397841.2368	3764563.605	0	4
530102	1001	397764.0125	3764587.174	0	8
530102	1002	397662.276	3764564.321	0	49
530102	1003	397770.7485	3764484.187	0	54
530102	1004	397851.7883	3764463.239	0	0
530102	1005	397812.3482	3764317.278	0	0
530102	1006	397732.3566	3764341.321	0	243
530102	1007	397611.6299	3764373.014	0	69
530102	1008	397513.2784	3764398.588	0	57
530102	1009	397416.5967	3764424.81	0	63
530102	1010	397320.1865	3764450.476	0	75
530102	1011	397267.933	3764256.416	0	64
530102	1012	397416.2875	3764217.543	0	58
530102	1013	397501.9076	3764252.657	0	0
530102	1014	397648.5745	3764211.366	0	154
530102	1015	397762.0603	3764124.746	0	1
530102	1016	397675.8224	3764083.759	0	61
530102	1017	397647.8399	3764134.965	0	40
530102	1018	397545.8961	3764136.069	0	53
530102	1019	397330.1849	3764189.089	0	14
530102	2000	396839.6727	3764236.569	0	175
530102	2001	396633.0986	3764212.542	0	79
530102	2002	396542.4917	3764262.218	0	108
530102	2003	396444.8851	3764288.239	0	94
530102	2004	396417.9333	3764188.391	0	21
530102	2005	396975.4431	3764144.706	0	133
530102	2006	397104.4029	3764139.642	0	136
530102	2007	397215.1773	3764058.812	0	85
530102	2008	397313.2559	3764033.349	0	86
530102	2009	397408.9831	3764003.92	0	85
530102	2010	397505.8706	3763979.248	0	91
530102	2011	397648.8846	3764001.098	0	110
530102	2012	397615.0204	3763901.434	0	35
530102	2013	397082.9747	3764063.022	0	59
530102	2014	397071.822	3764014.126	0	35
530102	2015	396949.5963	3764044.069	0	12
530102	2016	396942.5677	3764017.752	0	0
530102	2017	396845.3209	3764043.21	0	0
530102	2018	396724.2297	3764075.473	0	0
530102	2019	396603.8755	3764107.507	0	0
530102	2020	396506.5417	3764133.302	0	0
530102	2021	396409.5766	3764158.984	0	0

Census Receptors

Track No.	Block No.	UTM Coordinates (X) meters	UTM Coordinates (Y) meters	Elevation (m)	Population
530102	2022	397065.1415	3763985.809	0	0
530102	2023	397188.3576	3763953.417	0	0
530102	2024	397285.6025	3763927.629	0	0
530102	2025	396515.1715	3764162.374	0	0
530102	3000	397150.2991	3764496.017	0	153
530102	3001	396979.4827	3764540.906	0	132
530102	3002	396884.7343	3764566.336	0	136
530102	3003	396812.3515	3764584.87	0	51
530102	3004	396736.5695	3764604.994	0	79
530102	3005	396685.5937	3764410.589	0	81
530102	3006	396367.6073	3764441.683	0	65
530102	3007	396347.1939	3764314.927	0	90
530102	3008	396215.2906	3764211.462	0	0
530102	3009	396143.1979	3764231.329	0	0
530102	3010	396781.8158	3764384.697	0	88
530102	3011	397085.1342	3764303.872	0	95
530102	3012	397012.0272	3764323.965	0	134
530102	3013	397171.6258	3764283.191	0	119
530102	3014	396320.8815	3764214.518	0	3
530102	3015	396312.1527	3764184.893	0	0
530102	4000	397368.9593	3764647.348	0	606
530102	4001	397141.3009	3764653.592	0	9
530102	4002	397014.7673	3764787.494	0	66
530102	4003	396880.6952	3764771.766	0	59
530102	4004	396786.405	3764796.638	0	88
530102	4005	396689.53	3764821.54	0	39
530102	4006	396593.2228	3764847.656	0	60
530102	4007	396493.8957	3764876.246	0	83
530102	4008	396372.5284	3764907.519	0	24
530102	4009	397092.4048	3764666.434	0	62
530102	4010	396989.4565	3764693.505	0	100
530102	4011	396565.0071	3764648.9	0	42
530102	4012	396517.0556	3764663.62	0	40
530102	4013	396469.0605	3764674.348	0	49
530102	4014	396420.554	3764688.964	0	37
530102	4015	396373.316	3764701.347	0	42
530102	4016	396300.7019	3764723.88	0	0
530102	4017	396639.3269	3764630.232	0	73
530202	2006	395576.8849	3765868.462	0	0
530202	2007	395726.6512	3766219.803	0	0
530202	2008	395681.161	3766055.175	0	85
530202	2019	395517.8361	3765571.902	0	21
530202	2020	395560.9071	3765550.577	0	94
530202	3043	395529.337	3764690.784	0	0
530203	1000	395905.9376	3766435.746	0	0
530203	1001	395911.6171	3766406.516	0	0
530203	1002	395920.897	3766377.247	0	0
530203	1003	395954.0665	3766186.467	0	549
530203	1004	395854.2404	3765632.068	0	834
530203	1005	395853.5856	3765840.789	0	176
530203	1006	395767.8316	3765617.05	0	151
530203	1007	395859.6004	3765942.529	0	0
530203	1008	396089.4423	3765776.532	0	59
530203	1009	395588.7489	3765446.245	0	190
530203	1010	395541.3183	3765465.843	0	189
530203	1011	395737.9376	3765652.646	0	167
530203	2000	396212.8675	3765597.404	0	84
530203	2001	396100.554	3765577.788	0	75
530203	2002	396280.3671	3765412.347	0	101
530203	2003	396356.7358	3765522.187	0	0
530203	2004	396099.131	3765297.116	0	131
530203	2005	396004.1894	3765480.369	0	40
530203	2006	395970.3132	3765397.567	0	63
530203	2007	395938.6222	3765320.396	0	109
530203	2008	395911.7377	3765260.474	0	54
530203	2009	395892.7881	3765216.766	0	108
530203	2010	396268.8757	3765332.847	0	87
530203	2011	396249.0147	3765180.689	0	71
530203	2012	396233.2818	3765051.33	0	0
530203	2013	396097.458	3765086.092	0	0
530204	1000	396188.69	3765035.407	0	98
530204	1001	395934.7152	3765066.146	0	41
530204	1002	396025.9794	3765102.404	0	0
530204	1003	395940.4359	3765132.845	0	0
530204	1004	395843.5206	3765145.224	0	0
530204	1005	395760.8352	3765242.175	0	19
530204	1006	395552.778	3765232.716	0	62
530204	1007	395630.6698	3765178.512	0	11
530204	1008	395476.2932	3765280.472	0	41
530204	1014	395541.3941	3765071.593	0	0
530204	1015	395557.7183	3765094.812	0	20
530204	1016	395599.235	3765124.851	0	12
530204	1017	395724.6037	3765121.915	0	21
530204	1018	395742.2665	3765199.572	0	19
530204	1019	395705.5188	3765166.485	0	12
530204	1022	395488.8883	3765016.501	0	73
530204	1023	395522.945	3765048.286	0	10
530204	1024	395716.3218	3765024.082	0	25
530204	1025	395716.0772	3765052.142	0	5
530204	1026	395719.973	3765078.826	0	0
530204	1027	396184.4331	3764992.535	0	151
530204	1028	395946.9143	3765025.089	0	42
530204	1029	395709.4047	3764983.014	0	66
530204	1030	395488.6933	3764973.807	0	25
530204	1031	396097.6776	3764828.802	0	102

Census Receptors

Track No.	Block No.	UTM Coordinates (X) meters	UTM Coordinates (Y) meters	Elevation (m)	Population
530204	1032	395996.8072	3764985.615	0	31
530204	1033	395992.4447	3764882.858	0	95
530204	1034	396195.7894	3764756.859	0	110
530204	1035	396215.7149	3764906.355	0	64
530204	2000	395908.9563	3764848.511	0	191
530204	2001	395798.4228	3764848.842	0	168
530204	2002	395673.8295	3764855.428	0	170
530204	2003	395602.8606	3764834.364	0	95
530204	2004	395554.3346	3764813.607	0	213
530204	2005	395759.808	3764604.622	0	401
530204	2006	395872.2419	3764600.5	0	276
530204	2007	395936.5063	3764591.253	0	59
530204	2008	396001.8761	3764573.344	0	143
530204	2009	396103.6695	3764483.283	0	313
530204	2010	395896.7919	3764431.44	0	161
530204	2011	395872.8854	3764373.813	0	84
530204	2012	395720.2735	3764419.522	0	30
530204	2013	395713.5598	3764371.798	0	3
530204	2014	396043.4958	3764285.102	0	0
530204	2015	395859.788	3764333.368	0	13
530204	2016	395811.9603	3764317.482	0	0
530204	2017	396040.9822	3764258.07	0	2
531800	3009	395534.6753	3764530.364	0	54
531800	3010	395519.0183	3764467.324	0	33
531800	3011	395618.4055	3764469.11	0	13
531800	3012	395645.3182	3764422.456	0	0
531800	3013	395505.9727	3764423.33	0	25
531800	3015	395587.8996	3764407.786	0	0
531800	3016	395625.2205	3764367.006	0	0
531902	1000	395942.4278	3764231.429	0	0
531902	1001	395814.7199	3764282.962	0	7
531902	1002	395790.0876	3764251.737	0	44
531902	1003	395613.5923	3764342.626	0	0
531902	1009	395895.106	3764160.863	0	25
531902	1010	395776.1417	3764193.003	0	125
531902	1011	395653.0241	3764225.302	0	54
531902	1012	395668.815	3764283.794	0	0
531902	1013	395618.717	3764286.546	0	4
531902	1016	395921.9112	3764154.579	0	0
531902	1017	395944.4566	3764147.233	0	25
531902	1018	395933.8037	3764102.325	0	0
531902	1019	395755.5262	3764149.203	0	0
531902	1020	395630.7113	3764128.178	0	37
531902	1021	395752.4419	3764103.99	0	76
531902	1022	395875.0611	3764076.578	0	10
531902	1023	395902.2335	3764070.068	0	0
531902	1024	395926.5482	3764064.034	0	12
531902	1025	395605.787	3764237.912	0	40
531902	2000	395917.5703	3764011.899	0	20
531902	2001	395891.3989	3764017.067	0	0
531902	2002	395864.6783	3764022.684	0	4
531902	2003	395744.1309	3764045.416	0	43
531902	2004	395619.6232	3764069.08	0	19
531902	2005	395571.0547	3764078.266	0	21
531902	2014	395731.5464	3764001.305	0	141
531902	2015	395882.7759	3763972.025	0	0
531902	2016	395910.2366	3763966.511	0	0
531902	2017	395902.4143	3763918.688	0	42
531902	2018	395873.9401	3763924.436	0	5
531902	2019	395722.4316	3763953.608	0	150
531902	2020	395592.992	3763932.191	0	47
531902	2021	395544.424	3763941.488	0	36
531902	2025	395693.315	3763808.983	0	0
531902	2026	395703.6703	3763851.898	0	112
531902	2027	395717.6849	3763908.413	0	59
531902	2028	395838.3166	3763884.793	0	14
531902	2029	395865.3207	3763879.727	0	0
531902	2030	395894.8083	3763873.747	0	0
531902	2031	395581.6215	3763872.652	0	38
531902	2032	395880.6461	3763786.957	0	0
531902	2033	395907.4687	3763815.718	0	0
531902	2034	395882.8995	3763823.862	0	15
531902	2035	395855.4311	3763828.711	0	0
531902	2036	395828.3223	3763832.669	0	9
531902	2037	395582.5137	3764137.471	0	19
531902	3000	395896.0057	3763799.212	0	0
531902	3001	395870.3558	3763741.491	0	14
531902	3002	395842.875	3763745.231	0	0
531902	3003	395815.6565	3763747.638	0	25
531902	3004	395693.3493	3763761.85	0	114
531902	3005	395566.8821	3763775.667	0	47
531902	3014	395684.633	3763683.319	0	139
531902	3015	395806.7613	3763669.552	0	33
531902	3016	395833.8681	3763665.372	0	0
531902	3017	395861.6421	3763663.069	0	20
532001	1000	396838.4453	3764014.008	0	7
532001	1001	396717.344	3764045.383	0	29
532001	1002	396596.2496	3764077.315	0	0
532001	1003	396498.8244	3764103.222	0	6
532001	1004	396398.548	3764121.731	0	0
532001	1005	396297.7966	3764096.885	0	277
532001	1006	396301.5806	3763995.592	0	19
532001	1007	396052.2931	3764203.272	0	0
532001	1008	396812.502	3763913.15	0	150
532001	1009	396727.4061	3763935.039	0	168

Census Receptors

Track No.	Block No.	UTM Coordinates (X) meters	UTM Coordinates (Y) meters	Elevation (m)	Population
532001	1010	396696.4388	3763856.306	0	265
532001	1011	396727.2523	3763760.264	0	0
532001	1012	396666.8084	3763790.09	0	0
532001	1013	396558.2526	3763938.551	0	155
532001	1014	396471.0441	3763995.177	0	110
532001	1015	396378.8224	3763880.741	0	147
532001	1016	396356.4171	3763934.662	0	25
532001	1017	396236.4083	3763956.161	0	11
532001	1018	396217.8094	3764003.387	0	21
532001	1019	396101.0929	3764097.492	0	182
532001	1020	395965.8516	3764144.447	0	0
532001	1021	396045.3034	3764071.489	0	4
532001	1022	395948.139	3764062.244	0	0
532001	1023	396026.7829	3764041.749	0	55
532001	1024	396046.6688	3763994.066	0	68
532001	1025	396151.0465	3764020.977	0	0
532001	1026	396177.6571	3763980.095	0	0
532001	1027	396055.1153	3763947.506	0	123
532001	1028	396157.0245	3763917.774	0	6
532001	1029	396186.7335	3763923.548	0	0
532001	1030	396232.7443	3763908.404	0	10
532001	1031	396252.2564	3763986.485	0	0
532001	2000	396670.678	3763687.799	0	75
532001	2001	396414.3396	3763818.137	0	181
532001	2002	396222.6416	3763854.618	0	33
532001	2003	396174.4032	3763860.359	0	0
532001	2004	396057.2772	3763883.715	0	134
532001	2005	396021.3785	3763844.186	0	59
532001	2006	395988.0032	3763807.401	0	44
532001	2007	395996.6045	3763774.924	0	11
532001	2008	396034.0876	3763731.705	0	145
532001	2009	396176.7527	3763779.931	0	21
532001	2010	396209.5828	3763809.181	0	8
532001	2011	396360.8506	3763766.157	0	90
532001	2012	396108.6574	3763785.67	0	0
532001	2013	396146.84	3763814.528	0	0
532001	2014	396638.5502	3763812.849	0	59
532001	2015	396403.2661	3763700.927	0	105
532001	2016	396412.4962	3763616.098	0	69
532001	2017	396257.1876	3763619.353	0	77
532001	2018	396228.5533	3763720.031	0	22
532001	2019	396054.0279	3763655.297	0	152
532001	2020	396156.828	3763546.595	0	254
532001	2021	396575.7049	3763524.484	0	0
532001	2022	396584.5903	3763399.514	0	2
532001	2023	396131.0838	3763380.529	0	0
532001	2024	396091.7991	3763369.205	0	0
532001	2025	395952.4012	3763030.83	0	0
532001	2026	396419.4574	3763138.489	0	10
532001	2027	396191.7038	3762684.856	0	26
532002	1000	397207.9374	3763834.542	0	96
532002	1001	397012.1207	3763781.333	0	0
532002	1002	396935.4166	3763988.663	0	0
532002	1003	396910.3965	3763887.685	0	113
532002	1004	396895.3168	3763732.812	0	38
532002	1005	396848.4945	3763707.594	0	90
532002	1006	396833.8402	3763600.292	0	37
532002	1007	397154.8905	3763635.943	0	145
532002	1008	397000.3816	3763466.618	0	74
532002	1009	396941.3493	3763516.057	0	42
532002	1010	396820.8021	3763556.519	0	35
532002	1011	396954.1961	3763559.278	0	0
532002	1012	396948.0549	3763292.3	0	72
532002	1013	397098.2415	3763267.709	0	54
532002	2000	396885.2822	3762913.931	0	310
532002	2001	396898.4648	3762826.842	0	86
532002	2002	396788.4939	3762973.984	0	200
532002	2003	396654.883	3762994.407	0	254
532002	2004	396539.872	3762840.627	0	30
532002	2005	396573.6653	3762822.624	0	54
532002	2006	396667.4175	3763127.238	0	59
532002	2007	396707.6063	3763204.429	0	14
532002	2008	396495.3269	3762863.626	0	17
532002	2009	396536.9269	3762512.175	0	1331
532101	1000	398413.6217	3763456.325	0	253
532101	1001	398297.7089	3763524.664	0	62
532101	1002	398299.9378	3763628.885	0	0
532101	1003	398201.3118	3763655.564	0	5
532101	1004	398103.8784	3763681.454	0	0
532101	1005	398007.1842	3763707.338	0	31
532101	1006	397910.6068	3763735.439	0	0
532101	1007	397795.6423	3763685.778	0	10
532101	1008	397884.7775	3763635.576	0	151
532101	1009	397956.5831	3763614.063	0	103
532101	1010	398005.7569	3763600.668	0	94
532101	1011	398053.1786	3763587.515	0	52
532101	1012	398101.9076	3763575.678	0	59
532101	1013	398152.2066	3763563.824	0	52
532101	1014	398201.0031	3763549.659	0	82
532101	1015	398249.4459	3763536.939	0	64
532101	1016	398109.3801	3763334.836	0	251
532101	1017	398036.1751	3763415.25	0	200
532101	1018	397935.3301	3763433.305	0	208
532101	1019	397838.0869	3763459.862	0	154
532101	1020	397742.5065	3763486.402	0	234

Census Receptors

Track No.	Block No.	UTM Coordinates (X) meters	UTM Coordinates (Y) meters	Elevation (m)	Population
532101	1021	397843.5328	3763245.768	0	115
532101	1022	398132.1048	3762983.597	0	51
532101	1023	398305.6007	3763296.572	0	4
532101	1024	398539.0004	3763383.45	0	0
532101	1025	398659.664	3763404.779	0	0
532101	1026	398697.3016	3763374.766	0	0
532101	1027	398634.069	3763300.254	0	0
532101	1028	398482.8703	3762981.157	0	0
532101	1029	398262.2887	3762953.473	0	0
532101	2000	398012.5976	3763172.969	0	74
532101	2001	397936.6736	3763104.143	0	89
532101	2002	397762.9232	3762931.465	0	687
532101	2003	397791.7659	3762745.73	0	0
532101	2004	397853.8353	3763036.613	0	235
532101	2005	397749.0966	3763113.488	0	193
532101	2006	397564.2566	3763204.983	0	254
532101	2007	397317.1505	3763107.521	0	764
532101	2008	397133.0697	3763175.062	0	0
532101	2009	397408.4477	3763094.553	0	132
532101	2010	397291.6236	3763257.401	0	0
532101	2011	397486.3758	3763254.179	0	0
532101	2012	397480.0693	3763013.153	0	343
532101	2013	397564.0438	3762963.559	0	275
532101	2014	398008.0961	3763046.704	0	30
532101	3000	397698.5076	3763713.555	0	74
532101	3001	397573.2671	3763738.532	0	105
532101	3002	397471.7462	3763847.204	0	1
532101	3003	397354.3928	3763798.794	0	150
532101	3004	397443.6457	3763742.709	0	126
532101	3005	397398.4693	3763571.084	0	220
532101	3006	397301.5934	3763597.198	0	134
532101	3007	397371.5002	3763417.781	0	1
532101	3008	397482.3658	3763548.881	0	165
532101	3009	397572.73	3763578.067	0	88
532101	3010	397647.6221	3763508.942	0	205
532101	3011	397546.4638	3763480.871	0	83
532101	3012	397382.9365	3763331.156	0	0
532101	3013	397513.4441	3763280.391	0	0
532102	1000	397749.0148	3762345.293	0	0
532102	1001	397743.4887	3762620.271	0	90
532102	1002	397638.2434	3762667.765	0	126
532102	1003	397550.6004	3762711.52	0	115
532102	1004	397465.5309	3762754.029	0	119
532102	1005	397418.6179	3761919.802	0	0
532102	1006	397420.2139	3762058.519	0	138
532102	1007	397567.1075	3762419.012	0	157
532102	1008	397431.8753	3762486.684	0	134
532102	1009	397335.8511	3762532.75	0	101
532102	1010	397223.1951	3762306.076	0	127
532102	1011	397317.8081	3762257.473	0	106
532102	1012	397407.3039	3762213.917	0	109
532102	1013	397253.5433	3761996.006	0	145
532102	1014	397161.5073	3762052.455	0	223
532102	1015	397871.0794	3762349.52	0	0
532102	1016	397728.366	3762109.857	0	0
532102	1017	397844.9547	3762265.408	0	0
532102	1018	397292.4759	3761838.328	0	0
532102	2000	397424.0158	3762886.338	0	17
532102	2001	397225.3423	3762988.414	0	153
532102	2002	397201.2769	3762941.211	0	67
532102	2003	397167.4772	3762873.708	0	128
532102	2004	397045.6144	3762726.207	0	292
532102	2005	397139.4904	3762810.294	0	104
532102	2006	397241.8621	3762579.017	0	116
532102	2007	397364.1184	3762771.431	0	92
532102	2008	396852.9268	3762326.74	0	311
532102	2009	397033.8641	3762401.844	0	121
532102	2010	397128.2065	3762354.018	0	116
532102	2011	397038.8129	3762118.11	0	367
532200	1000	396954.7432	3762015.224	0	0
532200	1001	396769.6319	3762108.622	0	6
532200	1002	396708.9769	3761993.173	0	161
532200	1003	396649.289	3761788.772	0	106
532200	1004	396524.8566	3761805.325	0	274
532200	1005	396674.3352	3761705.324	0	184
532200	1006	396808.3439	3761660.39	0	261
532200	1007	396922.5726	3761885.712	0	324
532200	1008	397047.3496	3761824.468	0	275
532200	1009	397136.5654	3761780.358	0	74
532200	1010	397219.5124	3761745.855	0	312
532200	1011	397183.0032	3761607.849	0	0
532200	1012	396985.1799	3761578.173	0	5
532200	2000	396570.6603	3762209.717	0	0
532200	2001	396291.4259	3762108.75	0	26
532200	2006	396356.6426	3761889.675	0	0
532200	3000	396946.1367	3761072.011	0	0
532200	3001	396878.7327	3761312.62	0	129
532200	3002	396835.3171	3761414.565	0	66
532200	3003	396693.4524	3761434.078	0	113
532200	3004	396552.255	3761506.152	0	454
532200	3010	396851.4273	3761061.842	0	96
532303	3031	395709.7084	3763595.431	0	231
532303	3032	395705.9528	3763455.85	0	0
532303	3051	395715.0831	3763220.087	0	0

2017 Annual Emission Calculations

EMISSIONS-NATURAL GAS COMBUSTION

FACILITY ID: 511
Whittier Fertilizer Co

Equipment	<u>Generator #1</u>	<u>Generator #2</u>	<u>Generator #3</u>
Application Number	584581	584583	584587
Max. Rating (BHP)	255	450	74.2

Monthly Hourly Usage

	<u>Generator #1</u>	<u>Generator #2</u>	<u>Generator #3</u>
RY 2017	584581	584583	584587
Total (hours) =	1,624.00	1976.00	1088.00
Consumption Rate (gal/hr):	9.46	19.50	3.70
Total (gal)	15,363.04	38,532.00	4,025.60
Total (mgal)	15.3630	38.5320	4.0256
Diesel Exhaust Particulate			
Default Emission Factor			
(lbs/1000 gallons)*	33.5	33.5	33.5
With 85% control efficiency		5.0250	
Total Annual Emission (lbs/yr)	514.6618	193.6233	134.8576

*Default Emission Factor from AQMD supplemental guidelines for "Reporting Procedures for AB2588 Facilities..."

Whittier Fertilizer Company
 Facility ID: 511
 Emissions from Greenwaste Composting (TAC)
 January 1, 2017 - December 31, 2017

NH₃ Emissions				
Month (Type)	Amount (tons/month)	Amount¹ (tons/month)	NH₃ E.F. [Uncontrolled]² (lbs NH₃/ton)	Emissions³ (lbs NH₃)
Jan-17	146	58	0.66	38.54
Feb-17	258	103	0.66	68.11
Mar-17	386	154	0.66	101.90
Apr-17	332	133	0.66	87.65
May-17	327	131	0.66	86.33
Jun-17	308	123	0.66	81.31
Jul-17	296	118	0.66	78.14
Aug-17	330	132	0.66	87.12
Sep-17	286	114	0.66	75.50
Oct-17	151	60	0.66	39.86
Nov-17	148	59	0.66	39.07
Dec-17	147	59	0.66	38.81
Total (tons) =	3,115	1,246	Total (lbs) =	822.36
			Total (tons) =	0.41

¹Raw materials that compose greenwaste includes mulch (60%) and compost (40%)

²Reference AQMD "Guidelines for Calculating Emissions from Greenwaste Composting and Co-Composting Operations" for Emission Factors

³Based on 40% compost composition

Health Risk Assessment Summary Form



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4182

(909) 396-2000 • www.aqmd.gov

HEALTH RISK ASSESSMENT SUMMARY FORM

(Required in Executive Summary of HRA)

Facility Name : _____

Facility Address: _____

Type of Business: _____

SCAQMD ID No.: _____

A. Cancer Risk

(One in a million means one chance in a million of getting cancer from being constantly exposed to a certain level of a chemical over a period of time)

1. Inventory Reporting Year : _____

2. Maximum Cancer Risk to Receptors : *(Offsite and residence = 30-year exposure, worker = 25-year exposure)*

a. Offsite _____ in a million Location: _____

b. Residence _____ in a million Location: _____

c. Worker _____ in a million Location: _____

3. Substances Accounting for 90% of Cancer Risk: _____

Processes Accounting for 90% of Cancer Risk: _____

4. Cancer Burden for a 70-yr exposure: *(Cancer Burden = [cancer risk] x [# of people exposed to specific cancer risk])*

a. Cancer Burden _____

b. Number of people exposed to >1 per million cancer risk for a 70-yr exposure _____

c. Maximum distance to edge of 70-year, 1 x 10⁻⁶ cancer risk isopleth (meters) _____

B. Hazard Indices

[Long Term Effects (chronic) and Short Term Effects (acute)]

(non-carcinogenic impacts are estimated by comparing calculated concentration to identified Reference Exposure Levels, and expressing this comparison in terms of a "Hazard Index")

1. Maximum Chronic Hazard Indices:

a. Residence HI: _____ Location: _____ toxicological endpoint: _____

b. Worker HI : _____ Location: _____ toxicological endpoint: _____

2. Substances Accounting for 90% of Chronic Hazard Index: _____

3. Maximum 8-hour Chronic Hazard Index:

8-Hour Chronic HI: _____ Location: _____ toxicological endpoint: _____

4. Substances Accounting for 90% of 8-hour Chronic Hazard Index: _____

5. Maximum Acute Hazard Index:

PMI: _____ Location: _____ toxicological endpoint: _____

6. Substances Accounting for 90% of Acute Hazard Index: _____

C. Public Notification and Risk Reduction

1. Public Notification Required? _____ Yes _____ No

a. If 'Yes', estimated population exposed to risks > 10 in a million for a 30-year exposure, or an HI >1

2. Risk Reduction Required? _____ Yes _____ No

Odor Impact Minimization Plan (OIMP)

WHITTIER FERTILIZER GREEN WASTE FACILITY

Odor Impact Minimization Plan

Draft California Integrated Waste Management Board (CIWMB) regulations Title 14, CCR proposed Section 17863.4 require that all compostable material handling operations and facilities prepare and maintain a site-specific Odor Impact Minimization Plan. The following plan has been adopted by Whittier Fertilizer Company for this purpose.

Project Name: Whittier Fertilizer Company Green Waste Facility

Phone Number: (562) 699-3461

Mailing Address: P.O. Box 596
Pico Rivera, Ca 90660

Landowner: Bob Osborn

Regulatory Contacts: County of Los Angeles
Department of Health Services
2525 Corporate Place – Suite 150
Monterey Park, Ca 91754

The following provides specific information on compliance with proposed regulation section 17863.4. Odor impact minimization plans shall provide guidance to on-site personnel by describing, at a minimum, the following items.

1. DESCRIPTION OF POSSIBLE ODOR RECEPTORS

The closest receptors will be facility staff and management who will be on-site daily monitoring the status of the facility. Each day the operator will evaluate on-site odors and evaluate planned operations for potential release of objectionable odors. These include good composting practices as described in the Report of Composting Site Information (appropriate C:N ratio, sufficient moisture content, regular turning, etc.) and other good housekeeping practices such as clearing spills between piles, eliminating areas where water could pond, and maintaining reasonable sized piles of finished compost.

The site is bordered on the south by industrial property adjacent and immediately beyond, across Kruse Road, about 500 feet from the site, there are homes.

To the east of the property is the city operated municipal golf course and the San Gabriel River.

To the north is the Whittier Narrows Dam and flood basin.

To the west is industrial property and a city park.

2. WIND CONDITIONS:

Prevailing wind is to the east/northeast and receptors are very minimal and well dispersed and odors of any nature are minimal as well. The challenge, however, is during early morning hours and/or days of Santa Ana wind conditions when winds move any odors toward our neighbors. The following policies and procedures have been adopted to minimize odors during these times when wind is moving toward the southwest.

1. Our misting system containing recommended chemicals to reduce odor will be active.
2. All movement of stockpiles or turning of compost windrows shall cease until wind direction becomes prevailing and favorable.
3. All blending and mixing of products using greenwaste compost shall also be delayed until appropriate.

3. UNUSUAL OR STRONG ODORS

Should any unusual or strong odors be detected by staff or management, or should staff be made aware from any source of an odor problem, they shall proceed immediately to find its source and mitigate the problem as soon as possible using the best procedures available.

4. PROCEDURES TO MITIGATE ODOR

1. All incoming material will be ground for the first time within 24 hours of arrival on site.
2. All material will be turned after reaching 122 degrees but before reaching 150 degrees.
3. All piles will be turned no less than weekly.
4. Amount of grass and other such wet material will be monitored and limited.
5. The misting system will be in operation during early morning hours and when the wind direction is from the northeast whenever possible.

WHITTIER FERTILIZER COMPANY

Dust Control Plan

POLICIES AND PROCEDURES IN PLACE

1. The yard and internal roadways are kept moist using a water truck.
2. Trucks accumulating material on tires are required to wash prior to exit.
3. All vehicles leaving the property must cross a steel grate to remove excess material from tires.
4. Screening, blending, grinding, loader mixing, and other such activities are terminated when wind conditions increase and could take dust from our property.
5. All stacking conveyors are fitted with sprinklers to moisten discharge materials and prevent flying dust.
6. All equipment is fitted with water misters at all points where material transfers from one conveyor to another.
7. Piles of product dry enough to create dust in windy conditions are kept moist with sprinklers or the water truck.
8. Delivery trucks leaving the property are tarped, or in the case of small loads below bed level, are watered down.
9. WFC drivers observe a self imposed 20 MPH speed limit on Kruse Road.
10. Piles of organic material shall be maintained at a height of less than 15 feet.

I have discussed Whittier Fertilizer's Odor Impact Minimization Plan with my supervisors on numerous occasions and understand it's intent and my roll in mitigating dust and odor at our business location.

Signature _____

(Print) _____

HRA Inputs and Outputs Files
(Submitted via AQMD OnBase System)