APPENDIX J- Health Risk Assessment

MIG – March 13, 2019

127 West Pomona Avenue Specific Plan

Operational Health Risk Assessment

March 13, 2019

Prepared for:

Fifield Companies
1250 6th Street, Suite 403
Santa Monica, California 90401

Prepared by:

MIG
1500 Iowa Avenue, Ste. 110
Riverside, California 92507

This document is formatted for double-sided printing to conserve natural resources.

Table of Contents

List of Tables

List of Figures

Appendices

List of Acronyms, Abbreviations, and Symbols	
Acronym / Abbreviation	Full Phrase or Description
AERMOD	American Meteorological Society/U.S. EPA Regulatory Model
AMSL	Above Mean Sea Level
ASF	Age Sensitivity Factor
CA	California
CalEEMod	California Emissions Estimator Model
CARB	California Air Resources Board
CCR	California Code of Regulations
CEQA	California Environmental Quality Act
CPF	Cancer Potency Factor
DPM	Diesel Particulate Matter
EA	Environmental Assessment
ED	Exposure Duration
EF	Exposure Frequency
EMFAC	Emission Factors Model
FAH	Fraction of Time at Home
HAP	Hazardous Air Pollutants
HARP	Hot Spots Analysis and Reporting Program
HHDT	Heavy Heavy-Duty Truck
HR	Hour
HRA	Health Risk Assessment
kg	Kilogram
KSF	Thousand Square Feet
L	Liter
LHDT	Light Heavy-Duty Truck
m^3	Cubic Meter
MEIR	Maximally Exposed Individual Resident
MEIW	Maximally Exposed Individual Worker
mg	Milligram
MHDT	Medium Heavy-Duty Truck
MPH	Miles Per Hour
OEHHA	Office of Environmental Health Hazard Assessment
PM	Particulate Matter
PMI	Point of Maximum Impact
PM_{10}	Coarse Particulate Matter
RAST	Risk Assessment Stand Alone Tool

List of Acronyms, Abbreviations, and Symbols	
Acronym / Abbreviation	Full Phrase or Description
REL	Reference Exposure Level
SCAQMD	South Coast Air Quality Management District
SRA	Source Receptor Area
TAC	Toxic Air Contaminants
U.S. EPA	United States Environmental Protection Agency
UTM	Universal Transverse Mercator
V.	Version
WAF	Worker Adjustment Factor
µg	Micrograms
§	Section
° F	Degrees Fahrenheit

This page intentionally left blank.

EXECUTIVE SUMMARY

This Operational Health Risk Assessment Report (Report) evaluates and documents the potential health risks posed by Interstate 210 emissions on the proposed 127 West Pomona Avenue Specific Plan (proposed Project) in the City of Monrovia, Los Angeles County, California 90025. The proposed Project is located within approximately 500 feet of the I-210.

This Report is consistent with the guidance and recommendations contained in the South Coast Air Quality Management District's (SCAQMD) California Environmental Quality Act (CEQA) *Air Quality Handbook*, as amended and supplemented (SCAQMD, 2017), SCAQMD's *Health Risk Assessment Guidance for Analyzing Cancer Risks from Mobile Source Diesel Emissions* (SCAQMD, 2003), and the California Office of Environmental Health Hazard Assessment's (OEHHA) *Air Toxics Hot Spots Program Guidance Manual* (OEHHA, 2015). This Report is intended to assist the CEQA Lead Agency (City of Monrovia) with its review of potential Project-related air quality impacts in compliance with the State CEQA Statutes and Guidelines, particularly in respect to the air quality issues identified in Appendix G of the State CEQA Guidelines.

S.1 PROPOSED PROJECT DESCRIPTION

Fifield Companies is proposing to develop a transit-oriented, infill, mixed-use development with residential and commercial uses on a 1.83-acre site. The residential component consists of 310 apartment units, 24 of which are affordable units set aside for very-low-income households (8.4% of the total units). The development will be seven stories (approximately 70 feet maximum) in height and include 295,033 square feet of floor area, with two levels of underground parking and one level of above-grade parking. It will be a wrapped-around podium construction with the ground-floor containing commercial and parking spaces and residential levels starting on the 2nd floor.

The proposed Project would be located in close proximity to the I-210. The I-210 is located approximately 130 feet to the north of the site at its closest point (northeast corner). The freeway carries vehicle traffic that generate emissions of diesel particulate matter, or DPM, a pollutant identified by the California Air Resources Board as a toxic air contaminant (TAC). The proposed Project will include sensitive receptors (inhabitants of the residential units) that will be exposed to DPM from the I-210.

S.2 RISK ASSESSMENT

The proposed Project's potential exposure to DPM emissions (e.g., pounds per year, grams per second, etc.) from the I-210 Freeway was estimated using EMFAC2017 emission factors and California Department of Transportation (CalTrans) traffic data. The U.S. Environmental Protection Agency (U.S. EPA)- and SCAQMD-approved American Meteorological Society/Environmental Protection Agency Regulatory Model (AERMOD, V. 18081) was used to predict pollutant concentrations at the boundary of the Project site. The AERMOD dispersion model simulates the dispersion of pollutant emissions and estimates ground level concentrations of pollutants at specified receptor locations. Predicted ground level concentrations of DPM were then assessed for potential health risks in accordance with SCAQMD and OEHHA methodologies.

The results of the operational health risk assessment (HRA) indicate the maximally exposed individual resident, or MEIR, is located at the northeastern corner of the Project site, where residential units will be located on the second through seventh floors. The incremental increase in cancer risk at this

location is 35.1 in one million without consideration of high efficiency heating, ventilation, and air conditioning (HVAC) filters), and 3.51 in one million with consideration of high efficiency HVAC filters capable of removing solid particulates from the ambient air. The MEIR risk with the use of high efficiency HVAC filters is below the SCAQMD's recommended significance threshold of 10 in one million. In addition, based on the results of the dispersion modeling, the annual average concentration of DPM at MEIR is 0.0515 micrograms per cubic meter, resulting in a non-carcinogenic health hazard index of 0.01, which is below the SCAQMD's recommended significance threshold of 1.

The modeled point of maximum impact, or PMI, is located northwest of the proposed site, in the freeway right-of-way. This point is not an occupied receptor location. Cancer risks, therefore, were not estimated at the PMI.

Finally, the HRA indicates the population-wide cancer burden is 0.02, which is below the SCAQMD threshold of 0.5.

1 INTRODUCTION

Fifield Companies has submitted an application to the City of Monrovia for its proposed 127 West Pomona Avenue Specific Plan (proposed Project). The proposed Project would be located on West Pomona Avenue, in the southern part of the City Monrovia, Los Angeles County, and includes development of a transit-oriented, infill, mixed-use development with residential and commercial uses. Project development and operation would expose sensitive receptors (future residents of the development) to emissions from diesel-powered vehicles (trucks, motorcycles, recreational vehicles, and buses) travelling along the I-210 Freeway, which is located approximately 130 feet to the north of the site.

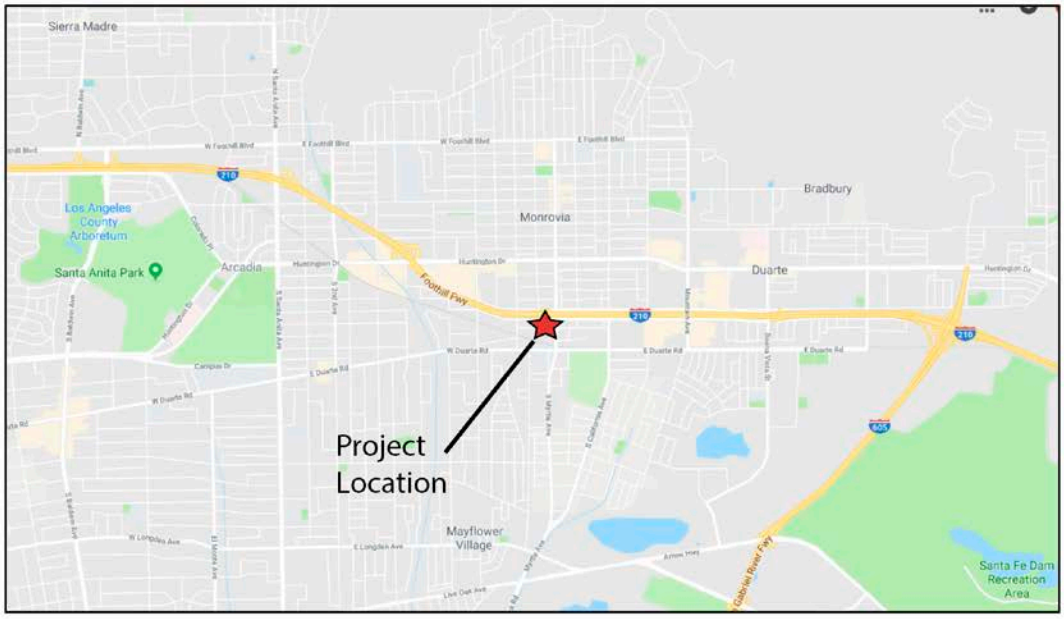
MIG, Inc. (MIG) has prepared this Operational Health Risk Assessment Report (Report) at the request of Fifield Companies. This Report evaluates the potential health risks of the proposed Project using Project-specific information contained in the Fifield Companies permit application. Where necessary, MIG has supplemented available information with standardized sources of information, such as model assumptions pertaining to emission factors and SCAQMD-recommendations for idling time. In general, this Report evaluates the potential "worst-case" conditions associated with the I-210 Freeway's emissions levels to ensure a conservative (i.e., likely to overestimate) assessment of cancer risk, annual average concentration of DPM, non-carcinogenic health hazard index, and population-wide cancer burden.

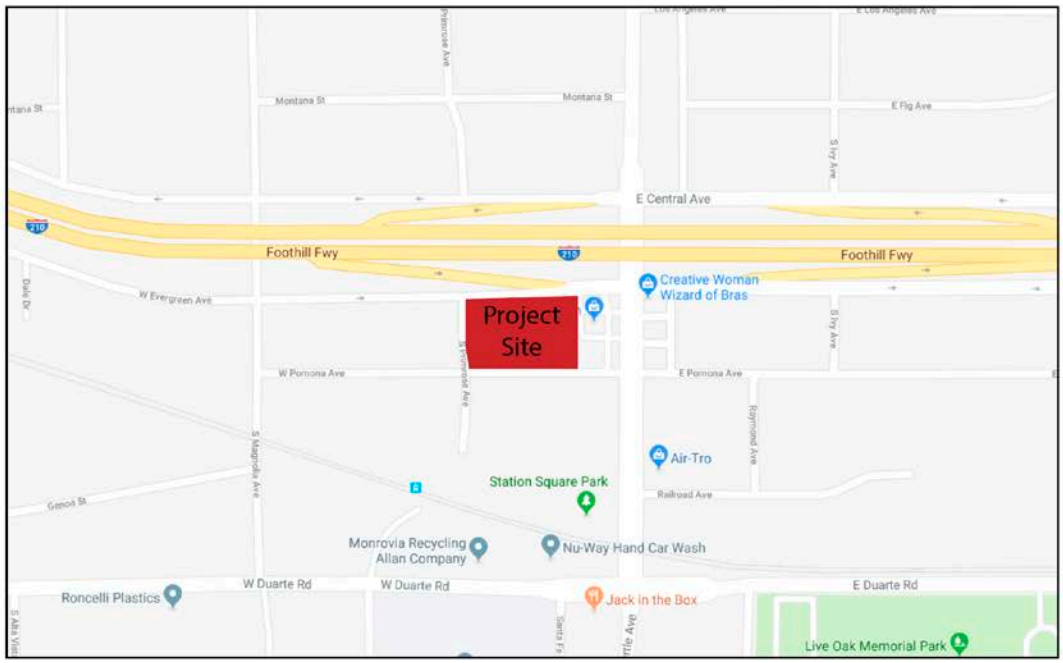
This Report is intended for use by the Lead Agency to assess the potential operational health risk impacts of the proposed Project in compliance with the California Environmental Quality Act (CEQA; PRC §21000 et seq.) and the State CEQA Guidelines (14 CCR §15000 et seq.), particularly in respect to the air quality issues identified in Appendix G of the State CEQA Guidelines. This report does not make determinations of significance pursuant to CEQA because such determinations are solely the purview of the Lead Agency.

1.1 REPORT ORGANIZATION

This Report is organized as follows:

- Chapter 1, Introduction, explains the contents of this Report and its intended use.
- Chapter 2, Project Description and Emissions Sources, provides pertinent information on the proposed Project and its surroundings, as well as its emission sources and the dispersion model parameters used to assess potential health risks.
- Chapter 3, Risk Assessment, provides the methodology and results of the proposed Project's operational health risk assessment.
- Chapter 4, Report Preparers and References, list the individuals involved, and the references used, in the preparation of this Report.





Source: Google Maps

Not to Scale

http://www.migcom.com • 951-787-9222

M I G

Figure 1-1 Regional Location

127 West Pomona Avenue Specific Plan
Monrovia, California

2 PROJECT DESCRIPTION AND EMISSIONS SOURCES

This chapter provides information on the proposed Project and its surroundings, as well as its emissions sources and the dispersion modeling parameters used to assess potential health risks.

2.1 ENVIRONMENTAL SETTING

Air quality is a function of pollutant emissions and topographic and meteorological influences. The amount of pollutants emitted into the air and the physical features and atmospheric conditions of a geographic region interact to affect the movement and dispersion of pollutants and determine the quality of its air.

The proposed Project is located on West Pomona Avenue in the City of Monrovia, in southeastern Los Angeles County, within the South Coast Air Basin (see Figure 1-1). The South Coast Air Basin includes Orange County and the non-desert portions of Los Angeles, San Bernardino, and Riverside Counties.

Southeast Los Angeles County and the broader Los Angeles Basin are defined by a semi-arid, Mediterranean climate with mild winters and warm summers. The San Gabriel, San Bernardino, and San Jacinto Mountains bound the Basin to the north and east trap ambient air and pollutants within the Los Angeles and Inland Empire valleys below.

Near the City of Monrovia, the predominant wind direction is from the south and southwest, although Santa Ana winds come from the north or north east, usually during the fall and winter.

2.2 FACILITY DESCRIPTION

Fifield Companies is proposing to develop the 127 West Pomona Avenue Specific Plan. The proposed Project would consist of development of a transit-oriented, infill, mixed-use development with residential and commercial uses. The residential component consists of 310 apartment units, 24 of which are affordable units set aside for very-low-income households (8.4% of the total units). The development will be seven stories (approximately 84 feet maximum) in height and include 295,033 square feet of floor area, with two levels of underground parking and one level of above-grade parking. It will be a podium construction with the ground-floor containing commercial and parking spaces and residential levels above starting on the 2nd floor. The residential units are located between the 2nd and 7th floors with an approximate floor area of 287,033 square feet and approximately 10,000 square feet of ground-floor commercial. The project provides 484 parking spaces in a parking garage, of which 373 spaces will be assigned to the residential use, and the remainder for commercial and public parking purposes. In total, the Project site comprises approximately 1.82 acres of land centered on 407605 Easting and 3777535 Northing (Universal Transverse Mercator Zone 11 S).

2.2.1 Local Land Use and Topography

The proposed Project site consists of lands designated and zoned as "Planned Development" (PD-12) by the City of Monrovia General Plan and Zoning Code. The Project site is bound by Myrtle Avenue to the east, West Pomona Avenue to the south, South Primrose Avenue to the west, and West Evergreen Avenue to the north. West Evergreen Avenue is a frontage road for the I-210 Freeway. Surrounding lands generally consist of a mix of industrial, commercial, and residential uses (see Figure 2-1).

Elevations in the City of Monrovia range from approximately 600 feet above mean sea level (AMSL) in the southern part of the City to approximately 900 feet AMSL in the northern part of the City, with hills and ridges that reach above 1,100 feet AMSL. Elevations at the proposed Project site range from approximately 449 to 455 feet AMSL.

Some populations are more susceptible to the effects of air pollution than the population at large; these populations are defined as sensitive air quality receptors. Sensitive receptors include children, the elderly, the sick, and the athletic. Land uses associated with sensitive receptors include residences, schools, playgrounds, childcare centers, athletic facilities, long-term health care facilities, rehabilitation centers, convalescent centers, and retirement homes. The proposed Project includes residential dwelling units and therefore would result in the placement of sensitive residential receptors in close proximity to the I-210.

2.2.2 Project Site Plan

The site plan for the proposed Project is shown in Figure 2-1.

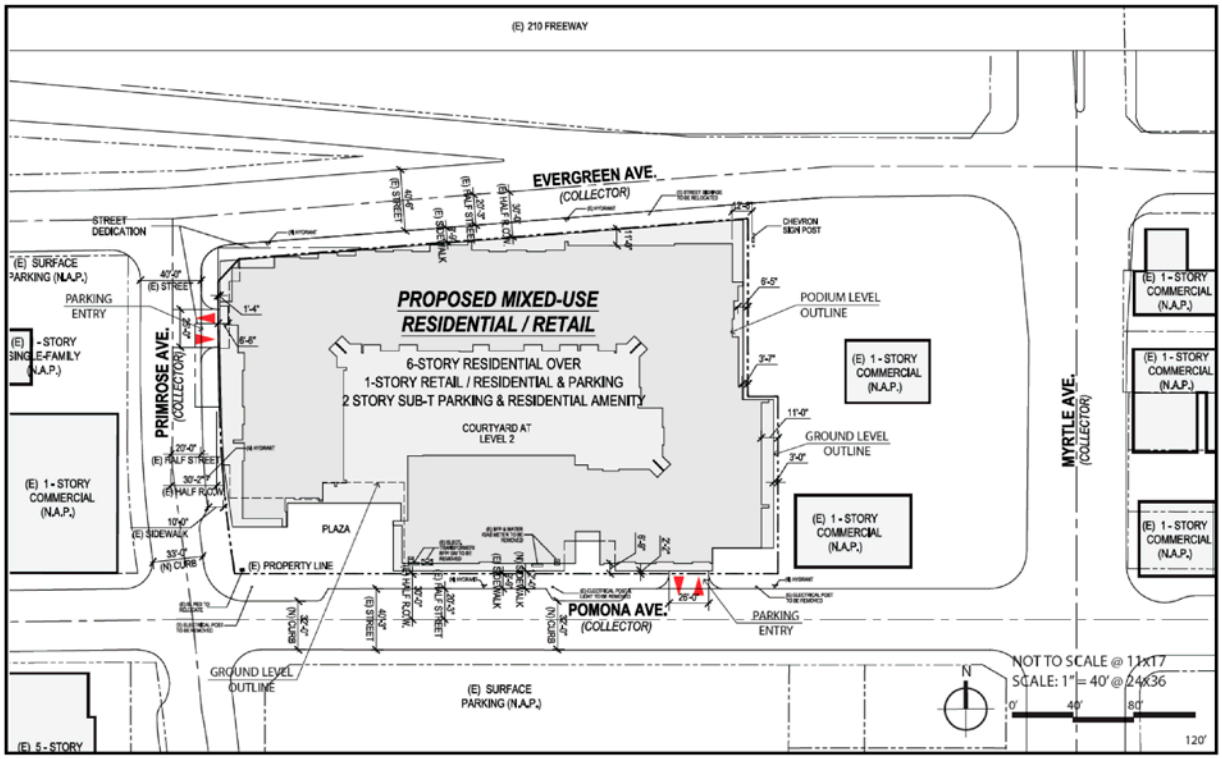
2.3 EMISSION SOURCES

The proposed Project would be exposed to emissions of DPM from vehicles travelling along the freeway in both directions. Diesel vehicles include trucks, motorcycles, recreational vehicles, and buses[1].

2.3.1 Hazard Identification

DPM is the exhaust from diesel engines. It includes hundreds of different gaseous and particulate components, many of which are toxic. Many of the toxic compounds adhere to the particles, and because diesel particles are very small (less than 2.5 microns in diameter), they can penetrate deeply into the lungs. The California Air Resources Board designated DPM a toxic air contaminant in 1998 because of its potential to cause cancer, premature deaths, and other health problems. The potential health hazards associated with DPM are especially concerning for children because their lungs are still developing, and the elderly, who may have other serious health problems that can be exacerbated by DPM. Health risks from DPM occur exclusively through the inhalation pathway.

[1] Gasoline and diesel-fueled vehicles travelling on the I-210 would emit other TACs besides DPM; however, these other TACs would be emitted in much lower quantities than DPM. Accordingly, this analysis focuses on the risk from DPM emitted by vehicles travelling on the I-210 as an overall indicator of potential adverse health risks from mobile sources operating near the site.



Source: Humphreys and Partners Architects, LP

Not to Scale

Figure 2-1 Proposed Site Plan

127 West Pomona Avenue Specific Plan
Monrovia, California

http://www.migcom.com • 951-787-9222

2.3.2 Modeled I-210 Sources and Emissions Rates

Emissions from the I-210 were modeled as a polygon-area source, as shown in Table 2-1. The area source representing the freeway was extended 1,000 feet to the west and east of the Project area boundary to capture emissions emanating from the I-210 both adjacent and in close proximity to the Project area. The total length of the I-210 modeled was approximately 2,376 feet, or 0.45 miles.

Table 2-1: Modeled I-210 Emissions Source Location

Source ID	Description	UTM Coordinates (Zone 11N)(A)		Size (m^2)
		Easting	Northing	
PAREA1	I-210 Freeway Travel Lanes	407248.34	3777609.43	30,183.2

Source: MIG 2019 (see Appendix C)
Coordinates are for the southwest corner of the source.

Consistent with SCAQMD recommendations, PM_{10} exhaust from diesel vehicles travelling along the I-210 was evaluated in the HRA. The emission rate for the segment of I-210 modeled in the operational HRA was derived from diesel vehicle emission factors and vehicle population data contained in CARB's EMFAC model and annual average daily traffic volume data available from Caltrans. Using EMFAC data (for the Los Angeles South Coast Sub-Area), an average diesel emission factor, in terms of grams per mile, was developed for each vehicle class, based on a speed of 55 miles per hour (mph) for school buses and 65 MPH (for all other vehicle types). Then the population percentage for each vehicle class was multiplied by the annual average daily trips (AADT) for the segment of I-210 adjacent to the Project area, between Huntington Drive and South Myrtle Avenue (252,000 vehicles), to determine the total amount of diesel vehicles traveling adjacent to the Project area[2]. This diesel vehicle estimate was then multiplied by the total segment length (0.45 miles) to determine the total miles travelled by each vehicle class. The total miles travelled were then multiplied by the average emission factor to determine total diesel vehicle emissions emitted from the modeled portion of I-210. Table 2-2 summarizes the average emission factors, vehicle class population percentage, vehicle miles traveled, and total diesel emissions occurring within the modeled source.

[2] According to Caltrans' traffic data (Caltrans 2017), the annual average daily traffic (AADT) volume east of Myrtle Avenue is 252,000 vehicles while the AADT west of Myrtle Avenue is 246,000 vehicles. This Report uses the higher AADT value (252,000 vehicles) for the segment of the I-210 modeled (both east and west of Myrtle Avenue).

Table 2-2: PM_{10} Emission Factors

Vehicle Class	2023 - 2050 Average PM10 Emission Factor (Grams/Mile)(A)	2023 Diesel Vehicle Population(B)	Vehicle Population Percentage(B)	I-210 ADT	Class Vehicles on I-210(C)	Trip Length (miles)	Total Daily Class Miles(D)	Total Daily PM_{10} (Grams)(E)	Total Daily PM_{10} (Grams/Sec)(F)
LDA	0.001611306	36,741	0.49%	252,000	1,224	0.45	612	0.9897	1.141E-05
LDT1	0.028116599	252	0.00%	252,000	8	0.45	4	0.118	1.36559E-06
LDT2	0.003345548	9,765	0.13%	252,000	325	0.45	163	0.544	6.29648E-06
LHDT1	0.006014986	68,776	0.91%	252,000	2,291	0.45	1,145	6.89	7.97314E-05
LHDT2	0.010734683	27,874	0.37%	252,000	928	0.45	464	4.98	5.76695E-05
HHDT	0.033787693	57,613	0.76%	252,000	1,919	0.45	959	32.4	0.000375178
MDV	0.001345391	21,298	0.28%	252,000	709	0.45	355	0.477	5.52262E-06
MH	0.038410995	6,167	0.08%	252,000	205	0.45	103	3.94	4.56549E-05
MHDT	0.015244088	64,520	0.85%	252,000	2,149	0.45	1,074	16.4	0.000189563
OBUS	0.023503175	3,071	0.04%	252,000	102	0.45	51	1.20	1.39112E-05
SBUS	0.018215134	3,497	0.05%	252,000	116	0.45	58	1.060	1.22768E-05
UBUS	0.003787529	10	0.00%	252,000	0	0.45	0	0.001	7.29985E-09
ALL DSL	0.013830742	299,584	3.96%	252,000	9,977	0.45	4,989	69.0	0.000798587

Source: EMFAC2017 and Caltrans 2017. See Appendix A.

(A) Emission factors represent the average emission factor for the vehicle class over the 2023 to 2050 time period. Emission factors are reported for a speed of 55 miles per hour for school buses (SBUS) and 65 miles per hour for all other vehicle classes

(B) Population and population percentage reflects the proportion of each vehicle class out of the total amount of vehicles in the Los Angeles (South Coast) sub-area.

(C) Class vehicle amounts are estimated by multiplying the vehicle population percentage times 252,000 (the AADT on I-210).

(D) Total daily vehicle miles travelled is estimated by multiplying class vehicles times trip length (i.e., distance traveled in the modeled source).

(E) Total daily emissions is estimated by multiplying the vehicle miles travelled by the average emission factor.

(F) Grams per second is derived based on 86,400 seconds per day.

The release height for the modeled source was set to 3.28 meters to approximate an average of height of all vehicle exhaust sources.

2.4 DISPERSION MODEL

The US EPA's AERMOD dispersion model (Version 18081) was used to predict DPM concentrations at the Project boundary. The AERMOD dispersion model is the US EPA- and SCAQMD-approved model for simulating the dispersion of pollutant emissions and estimating ground level concentrations of pollutants at specified receptor locations. AERMOD requires the user to input information on the source(s) of pollutants being modeled, the receptors where pollutant concentrations are modeled, and the meteorology, terrain, and other factors that affect the potential dispersion of pollutants. These variables are described below and shown in detail in Appendix C.

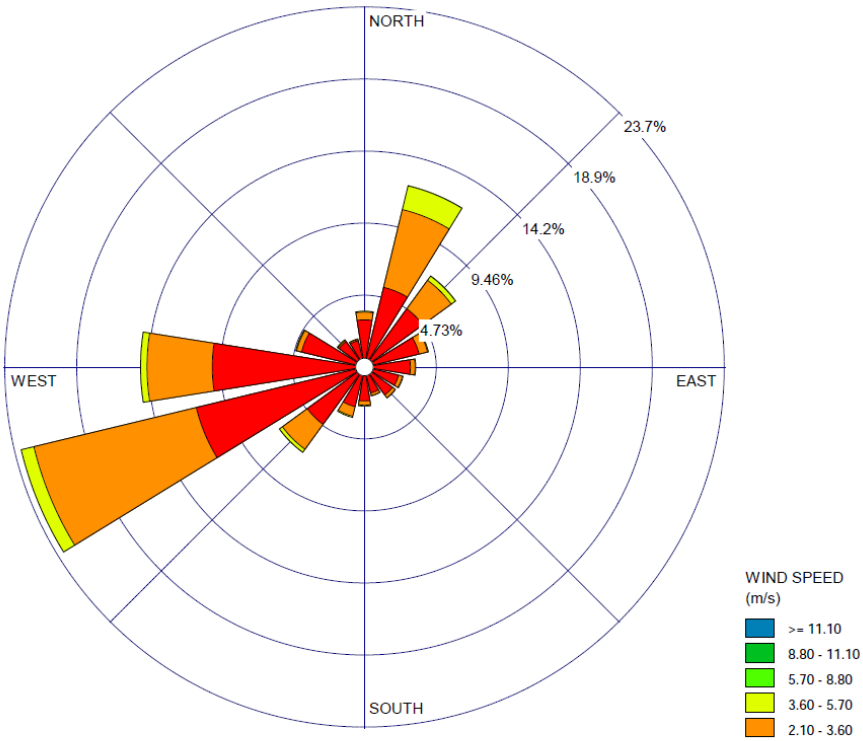
2.4.1 Modeled Sources/Emissions Rates

The proposed Project's emissions sources and source emission rates, location, and type are described in Section 2.3.2.

2.4.2 Meteorological Data Inputs

AERMOD requires meteorological data as an input into the model. The meteorological data is processed using AERMET, a pre-processor to AERMOD. AERMET requires surface meteorological data, upper air meteorological data, and surface parameter data such as albedo (reflectivity) and surface roughness. For the proposed project, pre-processed surface data from the SCAQMD was obtained for the Azusa meteorological station, the closest meteorological station to the proposed Project site. Five complete years of meteorological data from January 2012 to December 2016 were utilized; the SCAQMD data set incorporates the U.S. EPA's option for adjusted surface friction velocity factors (μ*) under low and stable wind conditions. Emissions were presumed to be generated 24-hours per day. The wind rose for the Azusa meteorological station data set is shown in Figure 2-2.

Figure 2-2 Wind Rose for Azusa Meteorological Station



2.4.3 Terrain Inputs

Terrain was incorporated by using AERMAP (an AERMOD pre-processer) to import the elevation of the project site using data from the National Elevation Dataset with a resolution of 1/3 arcsecond.

2.4.4 Modeled Receptors

Emissions were modeled in a multiple-tier fenceline grid. The first tier consisted of 5-meter spacing from the fenceline for a distance of 25 meters; the second tier consisted of 100 meter spacing for an additional distance of 475 meters. Primary and intermediate receptors were also spaced every 5 meters along the fenceline. The receptor grids were then converted to discrete Cartesian receptors (2,771 in total). Receptors were modeled at ground level, i.e., at a height of 0.0 meters above the ground.

3 Risk Assessment

Cancer risk and non-cancer health risks to sensitive receptors on the proposed Project site were estimated using the U.S. EPA's AERMOD dispersion model and recommendations contained in the SCAQMD's *Health Risk Assessment Guidance for Analyzing Cancer Risks from Mobile Source Diesel Emissions* white paper and *Supplemental Guidelines for Preparing Risk Assessments for the Air Toxics Hot Spots Information and Assessment Act,* as well as the OEHHA *Air Toxics Hot Spots Program Guidance Manual*.

The SCAQMD has developed significance thresholds applicable to TAC emissions emanating from stationary and mobile sources. Under SCAQMD methodology, health risks from TAC emissions are estimated based on "Individual Cancer Risk," which is the likelihood that a person exposed to TACs over 70-year lifetime will get cancer. The SCAQMD recommends preparation of a Health Risk Assessment (HRA) for large commercial or industrial projects to determine the specific health risks posed by long-term project emissions. Numerous weighting factors (e.g., age sensitivity factors, breathing rates, etc.) are applied during health risk calculations to account for those members of the public who may be more sensitive to pollution than others. A project is considered to have a significant impact if it results in any of the following:

- A maximum incremental cancer risk greater than equal to 10 in one million;
- A population wide cancer burden greater than 0.5 (in areas were cancer risk is greater than or equal to 1 in one million); or
- A chronic or acute hazard index greater than or equal to 1.0.

3.1 CANCER RISK

Cancer risk is the calculated, pollutant-specific estimated probability of developing cancer based upon the dose and exposure to the TAC. Cancer risk is determined by calculating the combinatory effects of the cancer potency factor (CPF) when inhaling the toxic, the daily inhalation dose, the age group the receptor is cohort to, the duration of exposure over a lifetime (30 years), and other factors such as age sensitivity and the amount of time spent at the location of exposure. For the proposed Project, risks were assessed for the inhalation pathway (i.e., breathing) for residential receptors. Cancer risk equations for residential receptors are summarized in Table 3-1 and Table 3-2.

Table 3-1: Cancer Risk Equations	
Equation 1 - Residential Risk:	$RISK_{INH.RES} = DOSE_{AIR.RES} \times CPF \times ASF \times \frac{ED}{AT} \times FAH$
Where:	
$DOSE_{AIR}$ =	Daily Inhalation Dose (mg/kg-day). See Table 3-2.
CPF =	Cancer Potency Factor for Inhalants (mg/kg-day). CPF is expressed as the 95th percent upper confidence limit of the slope of the dose response curve under continuous lifetime exposure conditions. The CPF for diesel exhaust is 1.1 mg/kg-day.
ASF =	Age Sensitivity Factor. ASF is a protective coefficient intended to take into account increased susceptibility to long-term health effects from early-life exposure to TACs. The recommended ASFs are 10 for the third-trimester to birth and two-year age bins, three for the two-year to nine-year and 16-year age bins, and one for receptors over 16 years of age.
ED =	Exposure Duration (years). Exposure duration characterizes the length of residency (30 Years) or employment (25 Years) of the receptor.
AT =	Averaging Time (years). A 70-year (lifetime) averaging time is used to characterize to total risk as a factor of average risk over a typical lifespan.
FAH =	Fraction at Home. FAH is the percentage of time the receptor is physically at the receptor location. The recommended percentages are 85 percent for the third-trimester to birth and two-year age bins, 72 percent for the two-year to nine-year and 16-year age bins, and 73 for receptors over 16 years of age.

Table 3-2: Inhalation Dose Equations	
Residential Dose	$DOSE_{AIR.RES} = C_{AIr} \times \frac{BR}{BW} \times A \times EF \times 10^{-6}$
Where:	
C_{AIR} =	Concentration of TAC in air (µg/m^3). Concentration of toxic in micrograms per one cubic meter of air. The AERMOD program is used in the study to determine concentrations of diesel particulate matter at surrounding discrete and grid receptor points.
BR/BW =	Breathing Rate ÷ Body Weight (L/kg/day). Daily breathing rate normalized to body weight. The 95th percentile breathing rate to body weight ratios are used in this study with a recommended 361 L/kg/day for the third-trimester to birth age bin, 1,090 L/kg/day for the birth to two-years age bin, 861 L/kg/day for the two-years to nine-years age bin, 745 for the two-years to 16-years age bin, 335 L/kg/day for the 16-years to 30-years age bin, and 290 L/kg/day for the 16-years to 70-years age bin.
A =	Inhalation Absorption Factor. Is a coefficient that reflects the fraction of chemical absorbed in studies used in the development of CPF and Reference Exposure Levels (RELs). An absorption factor of one is recommended for all chemicals.
EF =	Exposure Frequency. EF is the ratio of days in a year that a receptor is receiving the dose. The recommended EF is 0.96 characterizing an assumed 350 days a year that a residential receptor is home for some portion of the day.

Cancer risk was assessed for the maximally exposed individual resident (MEIR) over a 30-year exposure duration (that characterizes the maximum residency tendency in California). Residential risk calculations account for presumed sensitivity to carcinogens and differences in intake rates for the third-

trimester to birth, birth to two-years, two-years to nine-years, two-years to 16-years, and 16-year to 30-years age bins.

Concentrations were modeled using AERMOD and then input into CARB's Hot Spots and Reporting Program (HARP) Health Risk Assessment Standalone Tool (RAST) to calculate cancer risk based on the methods and recommendations found in the OEHHA HRA Guidelines. The RAST intake rate percentile was set to the 95th percentile and the FAH factor was applied to age bins less than 16 years. The resulting annual average DPM concentration and corresponding excess cancer risk at the PMI and MEIR are summarized in Table 3-3. The PMI is located off-site, in the I-210 Freeway right-of-way, and would not be occupied by residential receptors; cancer risks at this location, therefore, were not estimated. The MEIR is located at the northeast corner of the proposed Project site. The incremental increase in cancer risk at this location is 35.1 in one million. This risk estimate does not take into account any reductions in PM that would be achieved by mechanically supplied air systems. Specifically, the 2019 amendments made to the California Building Standards Code, set to go into effect on January 1, 2020, would require high-rise multifamily dwellings within 500 feet of busy roadways (more than 100,000 ADT) to use HVAC systems and filters with a Minimum Efficiency Rating Value (MERV) of 13[3]. MERV-13 filters can remove up to 90% of particles less than 10 microns in size, which would result in a corresponding reduction in exposure to PM_{10} and associated adverse health risks by 90%. A 90% reduction in modeled PM concentrations (i.e., indoor air quality levels) would reduce risks to 3.51 excess cancer cases per million population, which is the SCAQMD threshold. While the California Building Standards code would require these HVAC systems to be appropriately designed and sized for individual dwelling units, the long-term air quality benefit and risk reduction realized by these enhanced filtration systems would be dependent in part, on individual owners and occupants of each dwelling unit (due to system maintenance and filter replacement requirements). Nonetheless, less efficient filters, such as a MERV-9, can remove up to 75% of particles less than 10 microns in size, which would result in a corresponding reduction in exposure to PM10 and associated adverse health risks by 75%, or to 8.8 excess cancer cases per million population, which is also below the SCAQMD threshold of 10 excess cancer cases per million population.

[3] A high-rise building is defined by the California Building Code as any building used for human occupancy greater than 55 feet above the lowest level of Fire Department vehicle access. For the purposes of compliance with prescriptive indoor air quality requirements, the building energy efficiency standards consider a high-rise residential building to be any building with four or more habitable stories.

Table 3-3: Estimated Cancer Risk at PMI and MEIR				
Receptor	UTM Location		Annual Average DPM Concentration (µg/m^3)	Excess Cancer Risk (per million population)
	Easting	Northing		
PMI(A)	407443.51	3777627.07	0.14948	--
MEIR (Without HVAC Filters)	407649.59	3777572.75	0.0515	35.1
MEIR (With MERV-13 HVAC Filters)	407649.59	3777572.75	0.00515	3.51
Source: MIG 2019 (see Appendix B and C) (A) The PMI is located in the I-210 Freeway right-of-way and is not an occupied receptor location.				

Modeled sources, receptor locations, DPM concentrations, and the locations of the PMI and MEIR are depicted on Figure 3-1.

3.2 CANCER BURDEN

Cancer burden is the product of public cancer risk and the population exposed to the carcinogen. The population of the 127 West Pomona Avenue Specific Plan is conservatively estimated to be 570 people. Using the highest modeled residential exposure (i.e., the MEIR), the average cancer risk based on the lifetime exposure scenario (70 years) is 3.51E-05 (approximately 35 cases per million people). The product of cancer risk and the estimated population is 0.02 and is below the SCAQMD threshold of 0.5 excess cancer cases in the Project population.

3.3 NON-CANCER RISK

The chronic non-cancer hazard quotient is the calculated pollutant-specific indicator for risk of developing an adverse health effect on specific organ system(s) targeted by the identified TAC, in this case DPM. The potential for exposure to result in chronic non-cancer effects is evaluated by comparing the estimated annual average air concentration to the chemical-specific, non-cancer chronic RELs. The REL is a concentration below which there is assumed to be no observable adverse health impact to a target organ system. When calculated for a single chemical, the comparison yields a ratio termed a hazard quotient. To evaluate the potential for adverse chronic non-cancer health effects from simultaneous exposure to multiple chemicals, the hazard quotients for all chemicals are summed, yielding a hazard index. The chronic REL for DPM was established by OEHHA as 5 µg/m^3. For an acute hazard quotient, the one-hour maximum concentration is divided by the acute REL for the substance; however, there is no acute REL for DPM. Non-cancer risk equations are summarized in Table 3-4.

Figure 3-1: Modeled Source, Receptor, and DPM Contours

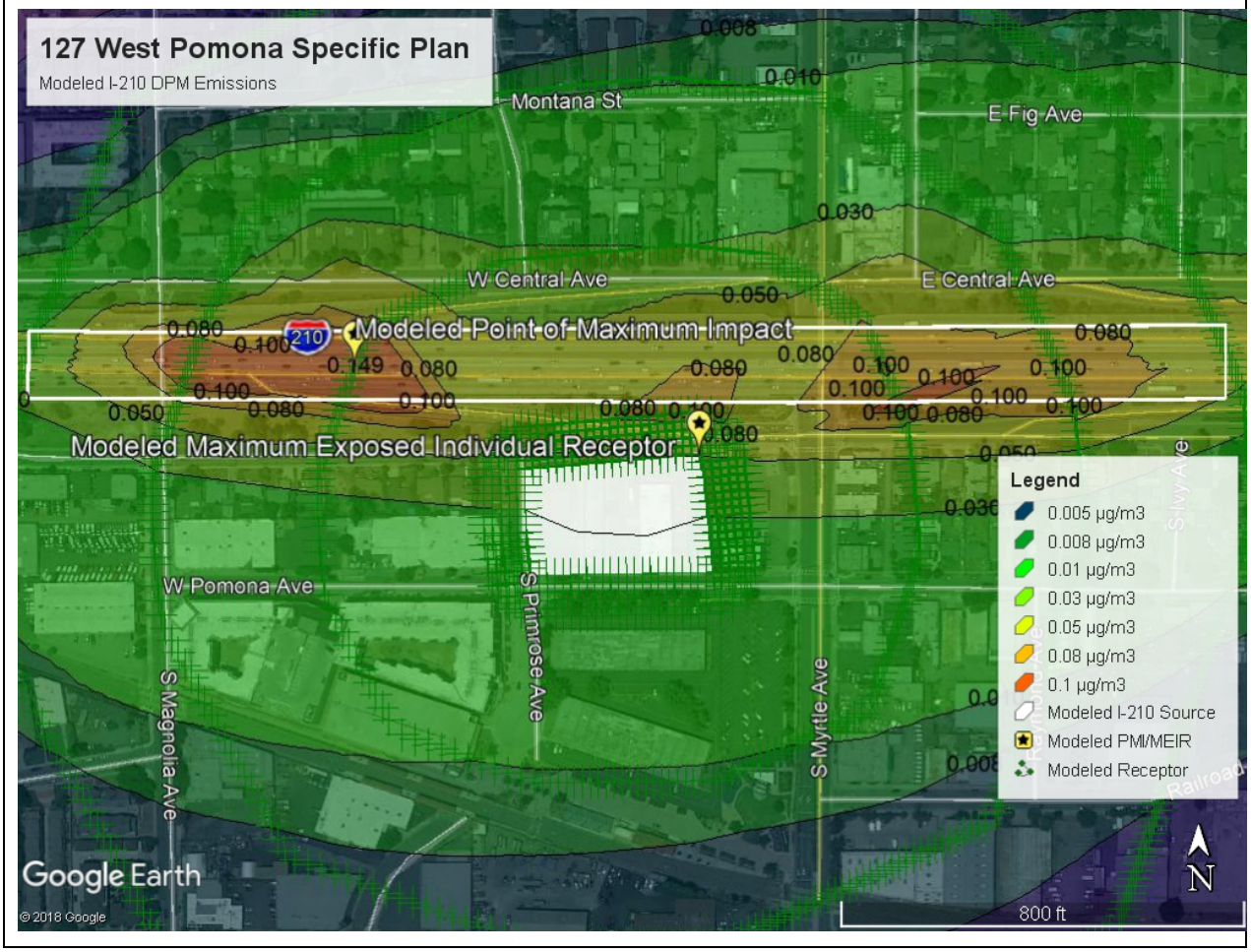


Table 3-4: Non-Cancer Risk Equation	
Chronic Hazard Quotient:	$HI_{DPM} = \frac{C_{DPM}}{REL_{AAC}}$
Where:	
HI_{DPM} =	Hazard Index; an expression of the potential for non-cancer health effects.
C_{DPM} =	Annual average DPM concentration (µg/m^3).
REL_{DPM} =	Reference exposure level (REL) for DPM; the DPM concentration at which no adverse health effects are anticipated.

As shown in Table 3-3, the annual average DPM concentration at the MEIR is 0.0515 µg/m^3, which yields a chronic hazard quotient of 0.01.

This page intentionally left blank.

4 REPORT PREPARERS AND REFERENCES

This report was prepared by MIG under contract to Fifield Companies. This report reflects the independent, objective, professional opinion of MIG. The following individuals were involved in the preparation and review of this report:

MIG

Chris Dugan, Director of Air Quality, Greenhouse Gas, and Noise Services	2635 N. First Street , Ste. 149, San Jose, CA 95134 (650) 327-0429
Cameron Hile, Associate Analyst II	1500 Iowa Avenue, Ste. 110, Riverside, CA 92507 (951) 787-9222

4.1 REFERENCES

Humphreys and Partners Architects 2018. *Floor Plans and Data Update*. Dallas, TX. November 5, 2018.

California Department of Transporation. 2018a. *Traffic Census Program*. Accessed February 21, 2019. Available online at:<http://www.dot.ca.gov/trafficops/census/>

_____2018b. "2017 Traffic Volumes (for All Vehicles on CA State Highways)". Caltrans, Online Services-Traffic Operations, Data-Traffic Counts and Monthly Vehicle Miles of Travel (MVMT), Traffic Volumes: Annual Average Daily Traffic (AADT) by Webpage (2016). n.d. Web. Accessed February 21, 2019. <http://www.dot.ca.gov/trafficops/census/volumes2017/Route198-220.html>

Office of Environmental Health Hazard Assessment (OEHHA) 2015. *Air Toxics Hot Spots Program Guidance Manual*. Sacramento, CA. February 2015.

South Coast Air Quality Management District (SCAQMD) 2003. *Health Risk Assessment Guidance for Analyzing Cancer Risks from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis.* Diamond Bar, CA. August 2003.

_____2015a. *SCAQMD Air Quality Significance Thresholds*. Diamond Bar, CA. March 2015. Available online at: <http://www.aqmd.gov/docs/default-source/ceqa/handbook/scaqmd-air-quality-significance-thresholds.pdf?sfvrsn=2>

_____2015b. *Supplemental Guidelines for Preparing Risk Assessments for the Air Toxics "Hot Spots" Information and Assessment Act.* Diamond Bar, CA. June 5, 2015.

_____2017a. "Air Quality Analysis Handbook." *Air Quality Analysis Handbook.* SCAQMD, Regulations, CEQA. , n.d. Web. Accessed August 21, 2017. <http://www.aqmd.gov/home/regulations/ceqa/air-quality-analysis-handbook>

This page intentionally left blank.

APPENDIX A: EMFAC OUTPUT

This page intentionally left blank.

127 West Pomona Avenue Specific Plan
DPM Emission Estimates for I-210
Derived by MIG from EMFAC2017 data file

Vehicle Class	2023 - 2050 Average PM10 Emission Factor (Grams/Mile)	2023 Diesel Vehicle Population	Vehicle Class Percentage of Population	I-210 ADT	Class Vehicles on I-210	Trip Length (miles)	Total Daily Class Miles	Total Daily PM10 (Grams)	Total Daily PM10 (Grams/Sec)
LDA	0.001611306	36,741	0.49%	252,000	1,224	0.50	612	0.985827	1.141E-05
LDT1	0.028116599	252	0.00%	252,000	8	0.50	4	0.1179873	1.36559E-06
LDT2	0.003345548	9,765	0.13%	252,000	325	0.50	163	0.5440156	6.29648E-06
LHDT1	0.006014986	68,776	0.91%	252,000	2,291	0.50	1,145	6.8887954	7.97314E-05
LHDT2	0.010734683	27,874	0.37%	252,000	928	0.50	464	4.9826489	5.76695E-05
HHDT	0.033787693	57,613	0.76%	252,000	1,919	0.50	959	32.415356	0.000375178
MDV	0.001345391	21,298	0.28%	252,000	709	0.50	355	0.4771547	5.52262E-06
MH	0.038410995	6,167	0.08%	252,000	205	0.50	103	3.9445846	4.56549E-05
MHDT	0.015244088	64,520	0.85%	252,000	2,149	0.50	1,074	16.378253	0.000189563
OBUS	0.023503175	3,071	0.04%	252,000	102	0.50	51	1.2019271	1.39112E-05
SBUS	0.018215134	3,497	0.05%	252,000	116	0.50	58	1.0607176	1.22768E-05
UBUS	0.003787529	10	0.00%	252,000	0	0.50	0	0.0006307	7.29985E-09
ALL DSL	0.013830742	299,584	3.96%	252,000	9,977	0.50	4,989	68.997898	0.000798587

Notes:
2023 - 2050 average emission factor derived from EMFAC 2017
2023 vehicle population dereived from EMFAC2017
I-210 ADT from 2016 Caltrans AADT data

Aermod Source Area Size:		square feet
Rate:		grams/second/sq foot
Aermod Source Area Size:	30183.2	square meters
Rate:	2.65E-08	grams/second/sq meter

3.51E-05
1000000
3.51E+01
35.1 per million

127 West Pomona Avenue Specific Plan
Los Angeles South Coast, 2023 to 2050 Average Diesel Vehicle Emission Factors (65 MPH)
Derived by MIG from EMFAC2017 data file

Vehicle Class	Speed	PM10 Average Running Exhaust Emission Factor (Grams/Mile)
HHDT	65 MPH	0.033787693
LDA	65 MPH	0.001611306
LDT1	65 MPH	0.028116599
LDY2	65 MPH	0.003345548
LHDT1	65 MPH	0.006014986
LHDT2	65 MPH	0.010734683
MDV	65 MPH	0.001345391
MH	65 MPH	0.038410995
MHDT	65 MPH	0.015244088
OBUS	65 MPH	0.023503175
SBUS	65 MPH	0.018215134
UBUS	65 MPH	0.003787529

SOURCE: EMFAC 2017
Note: SBUS factors are for 55 mph travel speed

127 West Pomona Avenue Specific Plan
EMFAC2017 (v1.0.2) Emission Rates
Region Type: Sub-Area
Region: Los Angeles (SC)
Calendar Year: 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038,
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, g/mile for RUNEX, PMBW and PMTW

Region	Calendar Y	Vehicle Cat	Model Yea	Speed	Fuel	VMT	PM10_RUNEX
Los Angele	2023	HHDT	Aggregatec	55	DSL	805607.6	0.024091
Los Angele	2023	HHDT	Aggregatec	65	DSL	799268.1	0.035264
Los Angele	2023	LDA	Aggregatec	55	DSL	79017.25	0.006178
Los Angele	2023	LDA	Aggregatec	65	DSL	50688.91	0.007185
Los Angele	2023	LDT1	Aggregatec	55	DSL	339.778	0.103136
Los Angele	2023	LDT1	Aggregatec	65	DSL	217.9648	0.129358
Los Angele	2023	LDT2	Aggregatec	55	DSL	22397.61	0.004252
Los Angele	2023	LDT2	Aggregatec	65	DSL	14367.88	0.004514
Los Angele	2023	LHDT1	Aggregatec	55	DSL	282155	0.009991
Los Angele	2023	LHDT1	Aggregatec	65	DSL	479103	0.011195
Los Angele	2023	LHDT2	Aggregatec	55	DSL	109857.6	0.011812
Los Angele	2023	LHDT2	Aggregatec	65	DSL	186539.6	0.013031
Los Angele	2023	MDV	Aggregatec	55	DSL	45623.02	0.003457
Los Angele	2023	MDV	Aggregatec	65	DSL	29266.79	0.00372
Los Angele	2023	MH	Aggregatec	55	DSL	6638.828	0.067772
Los Angele	2023	MH	Aggregatec	65	DSL	6951.746	0.089196
Los Angele	2023	MHDT	Aggregatec	55	DSL	438346.5	0.009454
Los Angele	2023	MHDT	Aggregatec	65	DSL	459007.7	0.014408
Los Angele	2023	OBUS	Aggregatec	55	DSL	24755.48	0.014494
Los Angele	2023	OBUS	Aggregatec	65	DSL	29063.74	0.023288
Los Angele	2023	SBUS	Aggregatec	55	DSL	4891.926	0.033245
Los Angele	2023	SBUS	Aggregatec	65	DSL	0	0
Los Angele	2023	UBUS	Aggregatec	55	DSL	16.64149	0.014533
Los Angele	2023	UBUS	Aggregatec	65	DSL	18.70082	0.02121
Los Angele	2024	HHDT	Aggregatec	55	DSL	825759.5	0.024645
Los Angele	2024	HHDT	Aggregatec	65	DSL	728804.8	0.035574
Los Angele	2024	LDA	Aggregatec	55	DSL	78866.62	0.004993
Los Angele	2024	LDA	Aggregatec	65	DSL	47924.1	0.005733
Los Angele	2024	LDT1	Aggregatec	55	DSL	302.9878	0.095938
Los Angele	2024	LDT1	Aggregatec	65	DSL	184.1136	0.12027
Los Angele	2024	LDT2	Aggregatec	55	DSL	22765.18	0.003749
Los Angele	2024	LDT2	Aggregatec	65	DSL	13833.49	0.003866
Los Angele	2024	LHDT1	Aggregatec	55	DSL	296382.4	0.009256
Los Angele	2024	LHDT1	Aggregatec	65	DSL	457373.1	0.010258
Los Angele	2024	LHDT2	Aggregatec	55	DSL	115480.4	0.011437
Los Angele	2024	LHDT2	Aggregatec	65	DSL	178207.7	0.012453
Los Angele	2024	MDV	Aggregatec	55	DSL	46393.31	0.00316

Los Angeles	2024	MDV	Aggregated	65	DSL	28191.36	0.003388
Los Angeles	2024	MH	Aggregated	55	DSL	6639.549	0.062272
Los Angeles	2024	MH	Aggregated	65	DSL	6087.028	0.081662
Los Angeles	2024	MHDT	Aggregated	55	DSL	433892.2	0.009601
Los Angeles	2024	MHDT	Aggregated	65	DSL	397785.1	0.014664
Los Angeles	2024	OBUS	Aggregated	55	DSL	24822.49	0.014993
Los Angeles	2024	OBUS	Aggregated	65	DSL	25867.38	0.024209
Los Angeles	2024	SBUS	Aggregated	55	DSL	4932.23	0.03219
Los Angeles	2024	SBUS	Aggregated	65	DSL	0	0
Los Angeles	2024	UBUS	Aggregated	55	DSL	15.56331	0.014533
Los Angeles	2024	UBUS	Aggregated	65	DSL	16.16466	0.02121
Los Angeles	2025	HHDT	Aggregated	55	DSL	844043.9	0.024851
Los Angeles	2025	HHDT	Aggregated	65	DSL	736699.9	0.03557
Los Angeles	2025	LDA	Aggregated	55	DSL	81341.53	0.004224
Los Angeles	2025	LDA	Aggregated	65	DSL	49428	0.004802
Los Angeles	2025	LDT1	Aggregated	55	DSL	282.4597	0.089801
Los Angeles	2025	LDT1	Aggregated	65	DSL	171.6395	0.112515
Los Angeles	2025	LDT2	Aggregated	55	DSL	23852.88	0.003544
Los Angeles	2025	LDT2	Aggregated	65	DSL	14494.45	0.003594
Los Angeles	2025	LHDT1	Aggregated	55	DSL	308373.1	0.008634
Los Angeles	2025	LHDT1	Aggregated	65	DSL	475877	0.009465
Los Angeles	2025	LHDT2	Aggregated	55	DSL	120237.6	0.011179
Los Angeles	2025	LHDT2	Aggregated	65	DSL	185549	0.012031
Los Angeles	2025	MDV	Aggregated	55	DSL	48607.66	0.002848
Los Angeles	2025	MDV	Aggregated	65	DSL	29536.94	0.003032
Los Angeles	2025	MH	Aggregated	55	DSL	6845.457	0.057517
Los Angeles	2025	MH	Aggregated	65	DSL	6275.801	0.075126
Los Angeles	2025	MHDT	Aggregated	55	DSL	442324.8	0.009715
Los Angeles	2025	MHDT	Aggregated	65	DSL	405516	0.014865
Los Angeles	2025	OBUS	Aggregated	55	DSL	25359.83	0.014812
Los Angeles	2025	OBUS	Aggregated	65	DSL	26409.56	0.023915
Los Angeles	2025	SBUS	Aggregated	55	DSL	4964.396	0.031161
Los Angeles	2025	SBUS	Aggregated	65	DSL	0	0
Los Angeles	2025	UBUS	Aggregated	55	DSL	9.911139	0.014533
Los Angeles	2025	UBUS	Aggregated	65	DSL	10.2941	0.02121
Los Angeles	2026	HHDT	Aggregated	55	DSL	864515.3	0.024857
Los Angeles	2026	HHDT	Aggregated	65	DSL	744937.2	0.035384
Los Angeles	2026	LDA	Aggregated	55	DSL	83319.43	0.003475
Los Angeles	2026	LDA	Aggregated	65	DSL	50629.89	0.003893
Los Angeles	2026	LDT1	Aggregated	55	DSL	254.2138	0.077487
Los Angeles	2026	LDT1	Aggregated	65	DSL	154.4756	0.096974
Los Angeles	2026	LDT2	Aggregated	55	DSL	24785.82	0.003489
Los Angeles	2026	LDT2	Aggregated	65	DSL	15061.36	0.00351
Los Angeles	2026	LHDT1	Aggregated	55	DSL	319498	0.008096
Los Angeles	2026	LHDT1	Aggregated	65	DSL	493044.7	0.008781
Los Angeles	2026	LHDT2	Aggregated	55	DSL	124629.6	0.010985
Los Angeles	2026	LHDT2	Aggregated	65	DSL	192326.6	0.011694

Los Angeles	2026	MDV	Aggregated	55	DSL	50495.73	0.002549
Los Angeles	2026	MDV	Aggregated	65	DSL	30684.24	0.002689
Los Angeles	2026	MH	Aggregated	55	DSL	7036.696	0.053222
Los Angeles	2026	MH	Aggregated	65	DSL	6451.126	0.069226
Los Angeles	2026	MHDT	Aggregated	55	DSL	450766.9	0.009787
Los Angeles	2026	MHDT	Aggregated	65	DSL	413255.6	0.015
Los Angeles	2026	OBUS	Aggregated	55	DSL	25904.24	0.014665
Los Angeles	2026	OBUS	Aggregated	65	DSL	26957.96	0.023676
Los Angeles	2026	SBUS	Aggregated	55	DSL	4989.376	0.030086
Los Angeles	2026	SBUS	Aggregated	65	DSL	0	0
Los Angeles	2026	UBUS	Aggregated	55	DSL	9.911139	0.014533
Los Angeles	2026	UBUS	Aggregated	65	DSL	10.2941	0.02121
Los Angeles	2027	HHDT	Aggregated	55	DSL	886291.2	0.02481
Los Angeles	2027	HHDT	Aggregated	65	DSL	754804.7	0.035115
Los Angeles	2027	LDA	Aggregated	55	DSL	85179.1	0.00277
Los Angeles	2027	LDA	Aggregated	65	DSL	51759.94	0.003037
Los Angeles	2027	LDT1	Aggregated	55	DSL	216.7554	0.05374
Los Angeles	2027	LDT1	Aggregated	65	DSL	131.7136	0.067023
Los Angeles	2027	LDT2	Aggregated	55	DSL	25650.53	0.003324
Los Angeles	2027	LDT2	Aggregated	65	DSL	15586.81	0.003292
Los Angeles	2027	LHDT1	Aggregated	55	DSL	329719.3	0.007626
Los Angeles	2027	LHDT1	Aggregated	65	DSL	508818.2	0.008186
Los Angeles	2027	LHDT2	Aggregated	55	DSL	128655.1	0.010841
Los Angeles	2027	LHDT2	Aggregated	65	DSL	198538.7	0.011427
Los Angeles	2027	MDV	Aggregated	55	DSL	52264.26	0.002173
Los Angeles	2027	MDV	Aggregated	65	DSL	31758.91	0.002248
Los Angeles	2027	MH	Aggregated	55	DSL	7210.35	0.049374
Los Angeles	2027	MH	Aggregated	65	DSL	6610.329	0.063944
Los Angeles	2027	MHDT	Aggregated	55	DSL	460006.3	0.009824
Los Angeles	2027	MHDT	Aggregated	65	DSL	421726.1	0.015078
Los Angeles	2027	OBUS	Aggregated	55	DSL	26507.84	0.014497
Los Angeles	2027	OBUS	Aggregated	65	DSL	27568.65	0.023399
Los Angeles	2027	SBUS	Aggregated	55	DSL	5019.282	0.028915
Los Angeles	2027	SBUS	Aggregated	65	DSL	0	0
Los Angeles	2027	UBUS	Aggregated	55	DSL	9.911139	0.014533
Los Angeles	2027	UBUS	Aggregated	65	DSL	10.2941	0.02121
Los Angeles	2028	HHDT	Aggregated	55	DSL	905260.5	0.024694
Los Angeles	2028	HHDT	Aggregated	65	DSL	761201.7	0.034846
Los Angeles	2028	LDA	Aggregated	55	DSL	86813.55	0.002202
Los Angeles	2028	LDA	Aggregated	65	DSL	52753.13	0.002353
Los Angeles	2028	LDT1	Aggregated	55	DSL	198.1684	0.040968
Los Angeles	2028	LDT1	Aggregated	65	DSL	120.419	0.050898
Los Angeles	2028	LDT2	Aggregated	55	DSL	26429.64	0.003301
Los Angeles	2028	LDT2	Aggregated	65	DSL	16060.24	0.003252
Los Angeles	2028	LHDT1	Aggregated	55	DSL	339156.1	0.007215
Los Angeles	2028	LHDT1	Aggregated	65	DSL	523380.9	0.007668
Los Angeles	2028	LHDT2	Aggregated	55	DSL	132389.4	0.010733

Los Angeles	2028	LHDT2	Aggregated	65	DSL	204301.5	0.011211
Los Angeles	2028	MDV	Aggregated	55	DSL	53865.17	0.001905
Los Angeles	2028	MDV	Aggregated	65	DSL	32731.72	0.001939
Los Angeles	2028	MH	Aggregated	55	DSL	7366.188	0.04596
Los Angeles	2028	MH	Aggregated	65	DSL	6753.199	0.059238
Los Angeles	2028	MHDT	Aggregated	55	DSL	466820	0.009879
Los Angeles	2028	MHDT	Aggregated	65	DSL	427972.8	0.01518
Los Angeles	2028	OBUS	Aggregated	55	DSL	26958.46	0.014489
Los Angeles	2028	OBUS	Aggregated	65	DSL	28021.32	0.023373
Los Angeles	2028	SBUS	Aggregated	55	DSL	5060.31	0.027654
Los Angeles	2028	SBUS	Aggregated	65	DSL	0	0
Los Angeles	2028	UBUS	Aggregated	55	DSL	0	0
Los Angeles	2028	UBUS	Aggregated	65	DSL	0	0
Los Angeles	2029	HHDT	Aggregated	55	DSL	924257.3	0.024502
Los Angeles	2029	HHDT	Aggregated	65	DSL	767642.7	0.034563
Los Angeles	2029	LDA	Aggregated	55	DSL	88248.86	0.001812
Los Angeles	2029	LDA	Aggregated	65	DSL	53625.31	0.001892
Los Angeles	2029	LDT1	Aggregated	55	DSL	182.9755	0.030402
Los Angeles	2029	LDT1	Aggregated	65	DSL	111.1869	0.037547
Los Angeles	2029	LDT2	Aggregated	55	DSL	27105.35	0.003291
Los Angeles	2029	LDT2	Aggregated	65	DSL	16470.84	0.00323
Los Angeles	2029	LHDT1	Aggregated	55	DSL	347956.1	0.006852
Los Angeles	2029	LHDT1	Aggregated	65	DSL	536961	0.007213
Los Angeles	2029	LHDT2	Aggregated	55	DSL	135873.6	0.010648
Los Angeles	2029	LHDT2	Aggregated	65	DSL	209678.3	0.011031
Los Angeles	2029	MDV	Aggregated	55	DSL	55295.98	0.001696
Los Angeles	2029	MDV	Aggregated	65	DSL	33601.16	0.001704
Los Angeles	2029	MH	Aggregated	55	DSL	7510.027	0.042891
Los Angeles	2029	MH	Aggregated	65	DSL	6885.068	0.054991
Los Angeles	2029	MHDT	Aggregated	55	DSL	473432.6	0.009925
Los Angeles	2029	MHDT	Aggregated	65	DSL	434035.1	0.015267
Los Angeles	2029	OBUS	Aggregated	55	DSL	27410.98	0.014548
Los Angeles	2029	OBUS	Aggregated	65	DSL	28475.67	0.023448
Los Angeles	2029	SBUS	Aggregated	55	DSL	5115.259	0.026377
Los Angeles	2029	SBUS	Aggregated	65	DSL	0	0
Los Angeles	2029	UBUS	Aggregated	55	DSL	0	0
Los Angeles	2029	UBUS	Aggregated	65	DSL	0	0
Los Angeles	2030	HHDT	Aggregated	55	DSL	943299.7	0.024291
Los Angeles	2030	HHDT	Aggregated	65	DSL	774146.4	0.03433
Los Angeles	2030	LDA	Aggregated	55	DSL	89511.76	0.001493
Los Angeles	2030	LDA	Aggregated	65	DSL	54392.73	0.001519
Los Angeles	2030	LDT1	Aggregated	55	DSL	172.5541	0.022135
Los Angeles	2030	LDT1	Aggregated	65	DSL	104.8542	0.027097
Los Angeles	2030	LDT2	Aggregated	55	DSL	27695.88	0.003282
Los Angeles	2030	LDT2	Aggregated	65	DSL	16829.68	0.003209
Los Angeles	2030	LHDT1	Aggregated	55	DSL	356171.1	0.006535
Los Angeles	2030	LHDT1	Aggregated	65	DSL	549638.1	0.006818

Los Angeles	2030	LHDT2	Aggregated	55	DSL	139109.5	0.010598
Los Angeles	2030	LHDT2	Aggregated	65	DSL	214671.8	0.010901
Los Angeles	2030	MDV	Aggregated	55	DSL	56598.42	0.001552
Los Angeles	2030	MDV	Aggregated	65	DSL	34392.6	0.001549
Los Angeles	2030	MH	Aggregated	55	DSL	7645.387	0.040181
Los Angeles	2030	MH	Aggregated	65	DSL	7009.164	0.051217
Los Angeles	2030	MHDT	Aggregated	55	DSL	479826.2	0.009956
Los Angeles	2030	MHDT	Aggregated	65	DSL	439896.7	0.015328
Los Angeles	2030	OBUS	Aggregated	55	DSL	27833.78	0.014655
Los Angeles	2030	OBUS	Aggregated	65	DSL	28902.74	0.0236
Los Angeles	2030	SBUS	Aggregated	55	DSL	5183.384	0.025069
Los Angeles	2030	SBUS	Aggregated	65	DSL	0	0
Los Angeles	2030	UBUS	Aggregated	55	DSL	0	0
Los Angeles	2030	UBUS	Aggregated	65	DSL	0	0
Los Angeles	2031	HHDT	Aggregated	55	DSL	999250.8	0.024031
Los Angeles	2031	HHDT	Aggregated	65	DSL	698779.2	0.034137
Los Angeles	2031	LDA	Aggregated	55	DSL	93116.77	0.001339
Los Angeles	2031	LDA	Aggregated	65	DSL	51753.87	0.001351
Los Angeles	2031	LDT1	Aggregated	55	DSL	170.3455	0.016298
Los Angeles	2031	LDT1	Aggregated	65	DSL	94.67722	0.019713
Los Angeles	2031	LDT2	Aggregated	55	DSL	28969.04	0.003281
Los Angeles	2031	LDT2	Aggregated	65	DSL	16100.86	0.003201
Los Angeles	2031	LHDT1	Aggregated	55	DSL	415777.6	0.006259
Los Angeles	2031	LHDT1	Aggregated	65	DSL	518485.7	0.006477
Los Angeles	2031	LHDT2	Aggregated	55	DSL	162405.6	0.010541
Los Angeles	2031	LHDT2	Aggregated	65	DSL	202524.1	0.010769
Los Angeles	2031	MDV	Aggregated	55	DSL	59333.73	0.001422
Los Angeles	2031	MDV	Aggregated	65	DSL	32977.42	0.001409
Los Angeles	2031	MH	Aggregated	55	DSL	8253.377	0.03762
Los Angeles	2031	MH	Aggregated	65	DSL	5857.722	0.047666
Los Angeles	2031	MHDT	Aggregated	55	DSL	515505.7	0.009976
Los Angeles	2031	MHDT	Aggregated	65	DSL	365873.2	0.015371
Los Angeles	2031	OBUS	Aggregated	55	DSL	30003.79	0.014779
Los Angeles	2031	OBUS	Aggregated	65	DSL	25067.37	0.024048
Los Angeles	2031	SBUS	Aggregated	55	DSL	5259.706	0.023713
Los Angeles	2031	SBUS	Aggregated	65	DSL	0	0
Los Angeles	2031	UBUS	Aggregated	55	DSL	0	0
Los Angeles	2031	UBUS	Aggregated	65	DSL	0	0
Los Angeles	2032	HHDT	Aggregated	55	DSL	1015468	0.023854
Los Angeles	2032	HHDT	Aggregated	65	DSL	703891.6	0.03395
Los Angeles	2032	LDA	Aggregated	55	DSL	94102.13	0.00116
Los Angeles	2032	LDA	Aggregated	65	DSL	52301.53	0.00115
Los Angeles	2032	LDT1	Aggregated	55	DSL	166.6572	0.01307
Los Angeles	2032	LDT1	Aggregated	65	DSL	92.6273	0.015622
Los Angeles	2032	LDT2	Aggregated	55	DSL	29418.5	0.003292
Los Angeles	2032	LDT2	Aggregated	65	DSL	16350.67	0.00321
Los Angeles	2032	LHDT1	Aggregated	55	DSL	424102.4	0.006023

Los Angeles	2032	LHDT1	Aggregated	65	DSL	528867	0.006188
Los Angeles	2032	LHDT2	Aggregated	55	DSL	165639	0.010484
Los Angeles	2032	LHDT2	Aggregated	65	DSL	206556.2	0.010641
Los Angeles	2032	MDV	Aggregated	55	DSL	60407.67	0.001321
Los Angeles	2032	MDV	Aggregated	65	DSL	33574.3	0.001305
Los Angeles	2032	MH	Aggregated	55	DSL	8379.592	0.035362
Los Angeles	2032	MH	Aggregated	65	DSL	5947.301	0.044491
Los Angeles	2032	MHDT	Aggregated	55	DSL	521007.9	0.009994
Los Angeles	2032	MHDT	Aggregated	65	DSL	369778.3	0.015409
Los Angeles	2032	OBUS	Aggregated	55	DSL	30426.45	0.014819
Los Angeles	2032	OBUS	Aggregated	65	DSL	25410.73	0.024094
Los Angeles	2032	SBUS	Aggregated	55	DSL	5334.652	0.022316
Los Angeles	2032	SBUS	Aggregated	65	DSL	0	0
Los Angeles	2032	UBUS	Aggregated	55	DSL	0	0
Los Angeles	2032	UBUS	Aggregated	65	DSL	0	0
Los Angeles	2033	HHDT	Aggregated	55	DSL	1031727	0.023691
Los Angeles	2033	HHDT	Aggregated	65	DSL	709041.5	0.033785
Los Angeles	2033	LDA	Aggregated	55	DSL	94980.11	0.001064
Los Angeles	2033	LDA	Aggregated	65	DSL	52789.5	0.001052
Los Angeles	2033	LDT1	Aggregated	55	DSL	164.92	0.011488
Los Angeles	2033	LDT1	Aggregated	65	DSL	91.6618	0.013611
Los Angeles	2033	LDT2	Aggregated	55	DSL	29799.15	0.003301
Los Angeles	2033	LDT2	Aggregated	65	DSL	16562.23	0.003215
Los Angeles	2033	LHDT1	Aggregated	55	DSL	431900.1	0.005816
Los Angeles	2033	LHDT1	Aggregated	65	DSL	538590.9	0.005935
Los Angeles	2033	LHDT2	Aggregated	55	DSL	168668.8	0.010432
Los Angeles	2033	LHDT2	Aggregated	65	DSL	210334.5	0.010524
Los Angeles	2033	MDV	Aggregated	55	DSL	61366.73	0.001234
Los Angeles	2033	MDV	Aggregated	65	DSL	34107.34	0.001216
Los Angeles	2033	MH	Aggregated	55	DSL	8498.773	0.033219
Los Angeles	2033	MH	Aggregated	65	DSL	6031.889	0.041485
Los Angeles	2033	MHDT	Aggregated	55	DSL	526429.2	0.010013
Los Angeles	2033	MHDT	Aggregated	65	DSL	373626	0.015445
Los Angeles	2033	OBUS	Aggregated	55	DSL	30855.3	0.014818
Los Angeles	2033	OBUS	Aggregated	65	DSL	25758.49	0.024069
Los Angeles	2033	SBUS	Aggregated	55	DSL	5406.537	0.020864
Los Angeles	2033	SBUS	Aggregated	65	DSL	0	0
Los Angeles	2033	UBUS	Aggregated	55	DSL	0	0
Los Angeles	2033	UBUS	Aggregated	65	DSL	0	0
Los Angeles	2034	HHDT	Aggregated	55	DSL	1047990	0.023507
Los Angeles	2034	HHDT	Aggregated	65	DSL	714187.8	0.033599
Los Angeles	2034	LDA	Aggregated	55	DSL	95735.17	0.000978
Los Angeles	2034	LDA	Aggregated	65	DSL	53209.17	0.000965
Los Angeles	2034	LDT1	Aggregated	55	DSL	163.5656	0.010145
Los Angeles	2034	LDT1	Aggregated	65	DSL	90.90898	0.011902
Los Angeles	2034	LDT2	Aggregated	55	DSL	30121.88	0.00331
Los Angeles	2034	LDT2	Aggregated	65	DSL	16741.6	0.003222

Los Angeles	2034	LHDT1	Aggregated	55	DSL	439222.4	0.005632
Los Angeles	2034	LHDT1	Aggregated	65	DSL	547722	0.005714
Los Angeles	2034	LHDT2	Aggregated	55	DSL	171517.9	0.010359
Los Angeles	2034	LHDT2	Aggregated	65	DSL	213887.3	0.010385
Los Angeles	2034	MDV	Aggregated	55	DSL	62225.77	0.001156
Los Angeles	2034	MDV	Aggregated	65	DSL	34584.8	0.001138
Los Angeles	2034	MH	Aggregated	55	DSL	8610.591	0.031192
Los Angeles	2034	MH	Aggregated	65	DSL	6111.25	0.038654
Los Angeles	2034	MHDT	Aggregated	55	DSL	531712.9	0.010014
Los Angeles	2034	MHDT	Aggregated	65	DSL	377376	0.015454
Los Angeles	2034	OBUS	Aggregated	55	DSL	31253.07	0.014742
Los Angeles	2034	OBUS	Aggregated	65	DSL	26084.2	0.023926
Los Angeles	2034	SBUS	Aggregated	55	DSL	5475.304	0.019328
Los Angeles	2034	SBUS	Aggregated	65	DSL	0	0
Los Angeles	2034	UBUS	Aggregated	55	DSL	0	0
Los Angeles	2034	UBUS	Aggregated	65	DSL	0	0
Los Angeles	2035	HHDT	Aggregated	55	DSL	1064290	0.02334
Los Angeles	2035	HHDT	Aggregated	65	DSL	719365	0.03343
Los Angeles	2035	LDA	Aggregated	55	DSL	96376.28	0.000904
Los Angeles	2035	LDA	Aggregated	65	DSL	53565.49	0.00089
Los Angeles	2035	LDT1	Aggregated	55	DSL	161.565	0.007971
Los Angeles	2035	LDT1	Aggregated	65	DSL	89.7971	0.009146
Los Angeles	2035	LDT2	Aggregated	55	DSL	30398.33	0.003321
Los Angeles	2035	LDT2	Aggregated	65	DSL	16895.25	0.003233
Los Angeles	2035	LHDT1	Aggregated	55	DSL	445935.5	0.005463
Los Angeles	2035	LHDT1	Aggregated	65	DSL	556093.4	0.005512
Los Angeles	2035	LHDT2	Aggregated	55	DSL	174114.3	0.010275
Los Angeles	2035	LHDT2	Aggregated	65	DSL	217125.1	0.010237
Los Angeles	2035	MDV	Aggregated	55	DSL	62978.56	0.001081
Los Angeles	2035	MDV	Aggregated	65	DSL	35003.19	0.001062
Los Angeles	2035	MH	Aggregated	55	DSL	8716.631	0.02933
Los Angeles	2035	MH	Aggregated	65	DSL	6186.51	0.036045
Los Angeles	2035	MHDT	Aggregated	55	DSL	536937.6	0.010001
Los Angeles	2035	MHDT	Aggregated	65	DSL	381084.2	0.01544
Los Angeles	2035	OBUS	Aggregated	55	DSL	31677.84	0.01464
Los Angeles	2035	OBUS	Aggregated	65	DSL	26429.08	0.023745
Los Angeles	2035	SBUS	Aggregated	55	DSL	5541.796	0.017755
Los Angeles	2035	SBUS	Aggregated	65	DSL	0	0
Los Angeles	2035	UBUS	Aggregated	55	DSL	0	0
Los Angeles	2035	UBUS	Aggregated	65	DSL	0	0
Los Angeles	2036	HHDT	Aggregated	55	DSL	1083539	0.023217
Los Angeles	2036	HHDT	Aggregated	65	DSL	725680.7	0.033303
Los Angeles	2036	LDA	Aggregated	55	DSL	96925.86	0.000835
Los Angeles	2036	LDA	Aggregated	65	DSL	53870.95	0.00082
Los Angeles	2036	LDT1	Aggregated	55	DSL	160.6304	0.006871
Los Angeles	2036	LDT1	Aggregated	65	DSL	89.27763	0.007746
Los Angeles	2036	LDT2	Aggregated	55	DSL	30641.57	0.00333

Los Angeles	2036	LDT2	Aggregated	65	DSL	17030.44	0.003241
Los Angeles	2036	LHDT1	Aggregated	55	DSL	452152.8	0.005314
Los Angeles	2036	LHDT1	Aggregated	65	DSL	563846.6	0.005336
Los Angeles	2036	LHDT2	Aggregated	55	DSL	176600.3	0.010309
Los Angeles	2036	LHDT2	Aggregated	65	DSL	220225.3	0.010243
Los Angeles	2036	MDV	Aggregated	55	DSL	63652.26	0.001016
Los Angeles	2036	MDV	Aggregated	65	DSL	35377.63	0.000997
Los Angeles	2036	MH	Aggregated	55	DSL	8819.283	0.027634
Los Angeles	2036	MH	Aggregated	65	DSL	6259.366	0.033628
Los Angeles	2036	MHDT	Aggregated	55	DSL	543004.6	0.009986
Los Angeles	2036	MHDT	Aggregated	65	DSL	385390.1	0.015421
Los Angeles	2036	OBUS	Aggregated	55	DSL	32088.36	0.01453
Los Angeles	2036	OBUS	Aggregated	65	DSL	26763.82	0.023549
Los Angeles	2036	SBUS	Aggregated	55	DSL	5607.567	0.016263
Los Angeles	2036	SBUS	Aggregated	65	DSL	0	0
Los Angeles	2036	UBUS	Aggregated	55	DSL	0	0
Los Angeles	2036	UBUS	Aggregated	65	DSL	0	0
Los Angeles	2037	HHDT	Aggregated	55	DSL	1102841	0.023124
Los Angeles	2037	HHDT	Aggregated	65	DSL	732047.1	0.033203
Los Angeles	2037	LDA	Aggregated	55	DSL	97390.12	0.000778
Los Angeles	2037	LDA	Aggregated	65	DSL	54128.98	0.000763
Los Angeles	2037	LDT1	Aggregated	55	DSL	160.357	0.006376
Los Angeles	2037	LDT1	Aggregated	65	DSL	89.12567	0.007111
Los Angeles	2037	LDT2	Aggregated	55	DSL	30849.67	0.003339
Los Angeles	2037	LDT2	Aggregated	65	DSL	17146.11	0.003249
Los Angeles	2037	LHDT1	Aggregated	55	DSL	457732.3	0.005173
Los Angeles	2037	LHDT1	Aggregated	65	DSL	570804.4	0.005171
Los Angeles	2037	LHDT2	Aggregated	55	DSL	178829.5	0.010338
Los Angeles	2037	LHDT2	Aggregated	65	DSL	223005.1	0.010245
Los Angeles	2037	MDV	Aggregated	55	DSL	64245.86	0.000957
Los Angeles	2037	MDV	Aggregated	65	DSL	35707.56	0.000937
Los Angeles	2037	MH	Aggregated	55	DSL	8916.371	0.026012
Los Angeles	2037	MH	Aggregated	65	DSL	6328.273	0.031314
Los Angeles	2037	MHDT	Aggregated	55	DSL	548972.2	0.009971
Los Angeles	2037	MHDT	Aggregated	65	DSL	389625.5	0.0154
Los Angeles	2037	OBUS	Aggregated	55	DSL	32505.91	0.01443
Los Angeles	2037	OBUS	Aggregated	65	DSL	27103.54	0.023374
Los Angeles	2037	SBUS	Aggregated	55	DSL	5675.847	0.014901
Los Angeles	2037	SBUS	Aggregated	65	DSL	0	0
Los Angeles	2037	UBUS	Aggregated	55	DSL	0	0
Los Angeles	2037	UBUS	Aggregated	65	DSL	0	0
Los Angeles	2038	HHDT	Aggregated	55	DSL	1122180	0.02306
Los Angeles	2038	HHDT	Aggregated	65	DSL	738449.3	0.033132
Los Angeles	2038	LDA	Aggregated	55	DSL	97777.28	0.000732
Los Angeles	2038	LDA	Aggregated	65	DSL	54344.16	0.000717
Los Angeles	2038	LDT1	Aggregated	55	DSL	159.9556	0.005981
Los Angeles	2038	LDT1	Aggregated	65	DSL	88.90257	0.006602

Los Angeles	2038	LDT2	Aggregated	55	DSL	31028.02	0.003346
Los Angeles	2038	LDT2	Aggregated	65	DSL	17245.23	0.003255
Los Angeles	2038	LHDT1	Aggregated	55	DSL	462781.5	0.005047
Los Angeles	2038	LHDT1	Aggregated	65	DSL	577100.9	0.005025
Los Angeles	2038	LHDT2	Aggregated	55	DSL	180807.5	0.010363
Los Angeles	2038	LHDT2	Aggregated	65	DSL	225471.7	0.010247
Los Angeles	2038	MDV	Aggregated	55	DSL	64767.6	0.000906
Los Angeles	2038	MDV	Aggregated	65	DSL	35997.53	0.000887
Los Angeles	2038	MH	Aggregated	55	DSL	9006.455	0.024499
Los Angeles	2038	MH	Aggregated	65	DSL	6392.209	0.029154
Los Angeles	2038	MHDT	Aggregated	55	DSL	554817.7	0.009955
Los Angeles	2038	MHDT	Aggregated	65	DSL	393774.3	0.015379
Los Angeles	2038	OBUS	Aggregated	55	DSL	32935.28	0.01436
Los Angeles	2038	OBUS	Aggregated	65	DSL	27451.63	0.023238
Los Angeles	2038	SBUS	Aggregated	55	DSL	5743.75	0.01372
Los Angeles	2038	SBUS	Aggregated	65	DSL	0	0
Los Angeles	2038	UBUS	Aggregated	55	DSL	0	0
Los Angeles	2038	UBUS	Aggregated	65	DSL	0	0
Los Angeles	2039	HHDT	Aggregated	55	DSL	1141558	0.023022
Los Angeles	2039	HHDT	Aggregated	65	DSL	744889.3	0.033088
Los Angeles	2039	LDA	Aggregated	55	DSL	98104.02	0.000693
Los Angeles	2039	LDA	Aggregated	65	DSL	54525.76	0.000679
Los Angeles	2039	LDT1	Aggregated	55	DSL	159.7922	0.005662
Los Angeles	2039	LDT1	Aggregated	65	DSL	88.81174	0.006192
Los Angeles	2039	LDT2	Aggregated	55	DSL	31183.95	0.003352
Los Angeles	2039	LDT2	Aggregated	65	DSL	17331.89	0.003261
Los Angeles	2039	LHDT1	Aggregated	55	DSL	467341.7	0.004932
Los Angeles	2039	LHDT1	Aggregated	65	DSL	582787.6	0.004893
Los Angeles	2039	LHDT2	Aggregated	55	DSL	182550.8	0.01038
Los Angeles	2039	LHDT2	Aggregated	65	DSL	227645.7	0.010242
Los Angeles	2039	MDV	Aggregated	55	DSL	65225.46	0.000862
Los Angeles	2039	MDV	Aggregated	65	DSL	36252.01	0.000843
Los Angeles	2039	MH	Aggregated	55	DSL	9091.989	0.023121
Los Angeles	2039	MH	Aggregated	65	DSL	6452.915	0.0272
Los Angeles	2039	MHDT	Aggregated	55	DSL	560547.6	0.009938
Los Angeles	2039	MHDT	Aggregated	65	DSL	397841	0.015354
Los Angeles	2039	OBUS	Aggregated	55	DSL	33339.7	0.014297
Los Angeles	2039	OBUS	Aggregated	65	DSL	27782	0.023109
Los Angeles	2039	SBUS	Aggregated	55	DSL	5804.373	0.012744
Los Angeles	2039	SBUS	Aggregated	65	DSL	0	0
Los Angeles	2039	UBUS	Aggregated	55	DSL	0	0
Los Angeles	2039	UBUS	Aggregated	65	DSL	0	0
Los Angeles	2040	HHDT	Aggregated	55	DSL	1160957	0.023005
Los Angeles	2040	HHDT	Aggregated	65	DSL	751351	0.033065
Los Angeles	2040	LDA	Aggregated	55	DSL	98381.2	0.000661
Los Angeles	2040	LDA	Aggregated	65	DSL	54679.81	0.000646
Los Angeles	2040	LDT1	Aggregated	55	DSL	159.7161	0.00538

Los Angeles	2040	LDT1	Aggregated	65	DSL	88.76945	0.005828
Los Angeles	2040	LDT2	Aggregated	55	DSL	31323.48	0.003357
Los Angeles	2040	LDT2	Aggregated	65	DSL	17409.45	0.003266
Los Angeles	2040	LHDT1	Aggregated	55	DSL	471463.9	0.004828
Los Angeles	2040	LHDT1	Aggregated	65	DSL	587928	0.004774
Los Angeles	2040	LHDT2	Aggregated	55	DSL	184210.6	0.010407
Los Angeles	2040	LHDT2	Aggregated	65	DSL	229715.5	0.010252
Los Angeles	2040	MDV	Aggregated	55	DSL	65627.32	0.000822
Los Angeles	2040	MDV	Aggregated	65	DSL	36475.36	0.000804
Los Angeles	2040	MH	Aggregated	55	DSL	9173.119	0.021835
Los Angeles	2040	MH	Aggregated	65	DSL	6510.496	0.025383
Los Angeles	2040	MHDT	Aggregated	55	DSL	566190.5	0.009922
Los Angeles	2040	MHDT	Aggregated	65	DSL	401846	0.015332
Los Angeles	2040	OBUS	Aggregated	55	DSL	33743.83	0.014268
Los Angeles	2040	OBUS	Aggregated	65	DSL	28112.14	0.023037
Los Angeles	2040	SBUS	Aggregated	55	DSL	5853.822	0.011964
Los Angeles	2040	SBUS	Aggregated	65	DSL	0	0
Los Angeles	2040	UBUS	Aggregated	55	DSL	0	0
Los Angeles	2040	UBUS	Aggregated	65	DSL	0	0
Los Angeles	2041	HHDT	Aggregated	55	DSL	1176943	0.022998
Los Angeles	2041	HHDT	Aggregated	65	DSL	758121	0.033057
Los Angeles	2041	LDA	Aggregated	55	DSL	98606.7	0.000635
Los Angeles	2041	LDA	Aggregated	65	DSL	54805.15	0.00062
Los Angeles	2041	LDT1	Aggregated	55	DSL	159.0374	0.00498
Los Angeles	2041	LDT1	Aggregated	65	DSL	88.39224	0.005313
Los Angeles	2041	LDT2	Aggregated	55	DSL	31445.04	0.003362
Los Angeles	2041	LDT2	Aggregated	65	DSL	17477.01	0.003271
Los Angeles	2041	LHDT1	Aggregated	55	DSL	475106.5	0.004737
Los Angeles	2041	LHDT1	Aggregated	65	DSL	592470.5	0.004672
Los Angeles	2041	LHDT2	Aggregated	55	DSL	185680.3	0.010433
Los Angeles	2041	LHDT2	Aggregated	65	DSL	231548.2	0.010266
Los Angeles	2041	MDV	Aggregated	55	DSL	65972.5	0.000788
Los Angeles	2041	MDV	Aggregated	65	DSL	36667.21	0.00077
Los Angeles	2041	MH	Aggregated	55	DSL	9248.645	0.020606
Los Angeles	2041	MH	Aggregated	65	DSL	6564.1	0.023651
Los Angeles	2041	MHDT	Aggregated	55	DSL	571964.4	0.009908
Los Angeles	2041	MHDT	Aggregated	65	DSL	405944	0.015312
Los Angeles	2041	OBUS	Aggregated	55	DSL	34144.84	0.014284
Los Angeles	2041	OBUS	Aggregated	65	DSL	28440.04	0.023039
Los Angeles	2041	SBUS	Aggregated	55	DSL	5892.913	0.01136
Los Angeles	2041	SBUS	Aggregated	65	DSL	0	0
Los Angeles	2041	UBUS	Aggregated	55	DSL	0	0
Los Angeles	2041	UBUS	Aggregated	65	DSL	0	0
Los Angeles	2042	HHDT	Aggregated	55	DSL	1195866	0.023004
Los Angeles	2042	HHDT	Aggregated	65	DSL	764908.4	0.033058
Los Angeles	2042	LDA	Aggregated	55	DSL	98813.35	0.000615
Los Angeles	2042	LDA	Aggregated	65	DSL	54920.01	0.0006

Los Angeles	2042	LDT1	Aggregated	55	DSL	158.7781	0.004701
Los Angeles	2042	LDT1	Aggregated	65	DSL	88.24813	0.004953
Los Angeles	2042	LDT2	Aggregated	55	DSL	31557.89	0.003366
Los Angeles	2042	LDT2	Aggregated	65	DSL	17539.73	0.003274
Los Angeles	2042	LHDT1	Aggregated	55	DSL	478366.3	0.004653
Los Angeles	2042	LHDT1	Aggregated	65	DSL	596535.6	0.004578
Los Angeles	2042	LHDT2	Aggregated	55	DSL	187055.8	0.01046
Los Angeles	2042	LHDT2	Aggregated	65	DSL	233263.5	0.010283
Los Angeles	2042	MDV	Aggregated	55	DSL	66284.41	0.000757
Los Angeles	2042	MDV	Aggregated	65	DSL	36840.57	0.00074
Los Angeles	2042	MH	Aggregated	55	DSL	9320.754	0.019449
Los Angeles	2042	MH	Aggregated	65	DSL	6615.278	0.022026
Los Angeles	2042	MHDT	Aggregated	55	DSL	577669.5	0.009899
Los Angeles	2042	MHDT	Aggregated	65	DSL	409993.1	0.0153
Los Angeles	2042	OBUS	Aggregated	55	DSL	34550.95	0.01433
Los Angeles	2042	OBUS	Aggregated	65	DSL	28771.55	0.023094
Los Angeles	2042	SBUS	Aggregated	55	DSL	5917.562	0.010866
Los Angeles	2042	SBUS	Aggregated	65	DSL	0	0
Los Angeles	2042	UBUS	Aggregated	55	DSL	0	0
Los Angeles	2042	UBUS	Aggregated	65	DSL	0	0
Los Angeles	2043	HHDT	Aggregated	55	DSL	1214803	0.023013
Los Angeles	2043	HHDT	Aggregated	65	DSL	771710.3	0.033063
Los Angeles	2043	LDA	Aggregated	55	DSL	98983.18	0.000599
Los Angeles	2043	LDA	Aggregated	65	DSL	55014.4	0.000584
Los Angeles	2043	LDT1	Aggregated	55	DSL	158.4726	0.004435
Los Angeles	2043	LDT1	Aggregated	65	DSL	88.07833	0.00461
Los Angeles	2043	LDT2	Aggregated	55	DSL	31657.87	0.00337
Los Angeles	2043	LDT2	Aggregated	65	DSL	17595.3	0.003278
Los Angeles	2043	LHDT1	Aggregated	55	DSL	481292.4	0.004584
Los Angeles	2043	LHDT1	Aggregated	65	DSL	600184.5	0.004501
Los Angeles	2043	LHDT2	Aggregated	55	DSL	188348.6	0.010489
Los Angeles	2043	LHDT2	Aggregated	65	DSL	234875.7	0.010305
Los Angeles	2043	MDV	Aggregated	55	DSL	66551.93	0.000732
Los Angeles	2043	MDV	Aggregated	65	DSL	36989.25	0.000715
Los Angeles	2043	MH	Aggregated	55	DSL	9386.909	0.018346
Los Angeles	2043	MH	Aggregated	65	DSL	6662.231	0.02048
Los Angeles	2043	MHDT	Aggregated	55	DSL	583307.3	0.009893
Los Angeles	2043	MHDT	Aggregated	65	DSL	413994.4	0.015292
Los Angeles	2043	OBUS	Aggregated	55	DSL	34939.56	0.014398
Los Angeles	2043	OBUS	Aggregated	65	DSL	29090.61	0.023189
Los Angeles	2043	SBUS	Aggregated	55	DSL	5932.943	0.010464
Los Angeles	2043	SBUS	Aggregated	65	DSL	0	0
Los Angeles	2043	UBUS	Aggregated	55	DSL	0	0
Los Angeles	2043	UBUS	Aggregated	65	DSL	0	0
Los Angeles	2044	HHDT	Aggregated	55	DSL	1233739	0.023023
Los Angeles	2044	HHDT	Aggregated	65	DSL	778512.6	0.033069
Los Angeles	2044	LDA	Aggregated	55	DSL	99126.84	0.000586

Los Angeles	2044	LDA	Aggregated	65	DSL	55094.24	0.000572
Los Angeles	2044	LDT1	Aggregated	55	DSL	158.4156	0.00426
Los Angeles	2044	LDT1	Aggregated	65	DSL	88.04667	0.004384
Los Angeles	2044	LDT2	Aggregated	55	DSL	31746.58	0.003374
Los Angeles	2044	LDT2	Aggregated	65	DSL	17644.6	0.003282
Los Angeles	2044	LHDT1	Aggregated	55	DSL	483832.5	0.00452
Los Angeles	2044	LHDT1	Aggregated	65	DSL	603352	0.00443
Los Angeles	2044	LHDT2	Aggregated	55	DSL	189396.6	0.010502
Los Angeles	2044	LHDT2	Aggregated	65	DSL	236182.6	0.010306
Los Angeles	2044	MDV	Aggregated	55	DSL	66786.58	0.000711
Los Angeles	2044	MDV	Aggregated	65	DSL	37119.67	0.000694
Los Angeles	2044	MH	Aggregated	55	DSL	9448.08	0.017304
Los Angeles	2044	MH	Aggregated	65	DSL	6705.646	0.019026
Los Angeles	2044	MHDT	Aggregated	55	DSL	588896.7	0.009891
Los Angeles	2044	MHDT	Aggregated	65	DSL	417961.4	0.01529
Los Angeles	2044	OBUS	Aggregated	55	DSL	35335.5	0.014459
Los Angeles	2044	OBUS	Aggregated	65	DSL	29414.86	0.023277
Los Angeles	2044	SBUS	Aggregated	55	DSL	5947.986	0.010149
Los Angeles	2044	SBUS	Aggregated	65	DSL	0	0
Los Angeles	2044	UBUS	Aggregated	55	DSL	0	0
Los Angeles	2044	UBUS	Aggregated	65	DSL	0	0
Los Angeles	2045	HHDT	Aggregated	55	DSL	1252685	0.023033
Los Angeles	2045	HHDT	Aggregated	65	DSL	785323.5	0.033076
Los Angeles	2045	LDA	Aggregated	55	DSL	99259.04	0.000577
Los Angeles	2045	LDA	Aggregated	65	DSL	55167.71	0.000562
Los Angeles	2045	LDT1	Aggregated	55	DSL	158.5265	0.004142
Los Angeles	2045	LDT1	Aggregated	65	DSL	88.10831	0.004231
Los Angeles	2045	LDT2	Aggregated	55	DSL	31829	0.003377
Los Angeles	2045	LDT2	Aggregated	65	DSL	17690.41	0.003285
Los Angeles	2045	LHDT1	Aggregated	55	DSL	486227.6	0.004469
Los Angeles	2045	LHDT1	Aggregated	65	DSL	606338.8	0.004374
Los Angeles	2045	LHDT2	Aggregated	55	DSL	190411.9	0.010517
Los Angeles	2045	LHDT2	Aggregated	65	DSL	237448.7	0.010311
Los Angeles	2045	MDV	Aggregated	55	DSL	66998.17	0.000693
Los Angeles	2045	MDV	Aggregated	65	DSL	37237.27	0.000677
Los Angeles	2045	MH	Aggregated	55	DSL	9504.386	0.016337
Los Angeles	2045	MH	Aggregated	65	DSL	6745.608	0.017672
Los Angeles	2045	MHDT	Aggregated	55	DSL	594444.3	0.009893
Los Angeles	2045	MHDT	Aggregated	65	DSL	421898.7	0.015294
Los Angeles	2045	OBUS	Aggregated	55	DSL	35708.64	0.014507
Los Angeles	2045	OBUS	Aggregated	65	DSL	29722.92	0.023347
Los Angeles	2045	SBUS	Aggregated	55	DSL	5967.311	0.009934
Los Angeles	2045	SBUS	Aggregated	65	DSL	0	0
Los Angeles	2045	UBUS	Aggregated	55	DSL	0	0
Los Angeles	2045	UBUS	Aggregated	65	DSL	0	0
Los Angeles	2046	HHDT	Aggregated	55	DSL	1272891	0.023038
Los Angeles	2046	HHDT	Aggregated	65	DSL	793447.6	0.033079

Los Angeles	2046	LDA	Aggregated	55	DSL	99359.47	0.00057
Los Angeles	2046	LDA	Aggregated	65	DSL	55223.54	0.000555
Los Angeles	2046	LDT1	Aggregated	55	DSL	158.613	0.004043
Los Angeles	2046	LDT1	Aggregated	65	DSL	88.15635	0.004102
Los Angeles	2046	LDT2	Aggregated	55	DSL	31899.56	0.003381
Los Angeles	2046	LDT2	Aggregated	65	DSL	17729.63	0.003288
Los Angeles	2046	LHDT1	Aggregated	55	DSL	488291.5	0.004425
Los Angeles	2046	LHDT1	Aggregated	65	DSL	608912.5	0.004325
Los Angeles	2046	LHDT2	Aggregated	55	DSL	191305.6	0.010527
Los Angeles	2046	LHDT2	Aggregated	65	DSL	238563.1	0.010311
Los Angeles	2046	MDV	Aggregated	55	DSL	67175.91	0.000679
Los Angeles	2046	MDV	Aggregated	65	DSL	37336.06	0.000662
Los Angeles	2046	MH	Aggregated	55	DSL	9557.775	0.015505
Los Angeles	2046	MH	Aggregated	65	DSL	6783.501	0.016512
Los Angeles	2046	MHDT	Aggregated	55	DSL	601028.6	0.009895
Los Angeles	2046	MHDT	Aggregated	65	DSL	426571.8	0.015298
Los Angeles	2046	OBUS	Aggregated	55	DSL	36102.15	0.014539
Los Angeles	2046	OBUS	Aggregated	65	DSL	30045.43	0.023394
Los Angeles	2046	SBUS	Aggregated	55	DSL	5990.379	0.00981
Los Angeles	2046	SBUS	Aggregated	65	DSL	0	0
Los Angeles	2046	UBUS	Aggregated	55	DSL	0	0
Los Angeles	2046	UBUS	Aggregated	65	DSL	0	0
Los Angeles	2047	HHDT	Aggregated	55	DSL	1293119	0.023042
Los Angeles	2047	HHDT	Aggregated	65	DSL	801592.8	0.033081
Los Angeles	2047	LDA	Aggregated	55	DSL	99454.53	0.000564
Los Angeles	2047	LDA	Aggregated	65	DSL	55276.37	0.000549
Los Angeles	2047	LDT1	Aggregated	55	DSL	157.9976	0.003771
Los Angeles	2047	LDT1	Aggregated	65	DSL	87.81435	0.003753
Los Angeles	2047	LDT2	Aggregated	55	DSL	31965.79	0.003384
Los Angeles	2047	LDT2	Aggregated	65	DSL	17766.44	0.003291
Los Angeles	2047	LHDT1	Aggregated	55	DSL	490190.2	0.004389
Los Angeles	2047	LHDT1	Aggregated	65	DSL	611280.2	0.004285
Los Angeles	2047	LHDT2	Aggregated	55	DSL	192189.1	0.010542
Los Angeles	2047	LHDT2	Aggregated	65	DSL	239664.9	0.010317
Los Angeles	2047	MDV	Aggregated	55	DSL	67340.91	0.000667
Los Angeles	2047	MDV	Aggregated	65	DSL	37427.77	0.000651
Los Angeles	2047	MH	Aggregated	55	DSL	9610.082	0.014808
Los Angeles	2047	MH	Aggregated	65	DSL	6820.625	0.015538
Los Angeles	2047	MHDT	Aggregated	55	DSL	607573.7	0.009897
Los Angeles	2047	MHDT	Aggregated	65	DSL	431217.2	0.015303
Los Angeles	2047	OBUS	Aggregated	55	DSL	36504.94	0.014564
Los Angeles	2047	OBUS	Aggregated	65	DSL	30374.52	0.023433
Los Angeles	2047	SBUS	Aggregated	55	DSL	6018.731	0.00976
Los Angeles	2047	SBUS	Aggregated	65	DSL	0	0
Los Angeles	2047	UBUS	Aggregated	55	DSL	0	0
Los Angeles	2047	UBUS	Aggregated	65	DSL	0	0
Los Angeles	2048	HHDT	Aggregated	55	DSL	1313378	0.023044

Los Angeles	2048	HHDT	Aggregated	65	DSL	809768	0.03308
Los Angeles	2048	LDA	Aggregated	55	DSL	99528.85	0.00056
Los Angeles	2048	LDA	Aggregated	65	DSL	55317.68	0.000545
Los Angeles	2048	LDT1	Aggregated	55	DSL	157.9699	0.003665
Los Angeles	2048	LDT1	Aggregated	65	DSL	87.79894	0.003616
Los Angeles	2048	LDT2	Aggregated	55	DSL	32022.77	0.003386
Los Angeles	2048	LDT2	Aggregated	65	DSL	17798.11	0.003293
Los Angeles	2048	LHDT1	Aggregated	55	DSL	491769.6	0.004355
Los Angeles	2048	LHDT1	Aggregated	65	DSL	613249.7	0.004247
Los Angeles	2048	LHDT2	Aggregated	55	DSL	192914.7	0.010548
Los Angeles	2048	LHDT2	Aggregated	65	DSL	240569.8	0.010314
Los Angeles	2048	MDV	Aggregated	55	DSL	67482.27	0.000657
Los Angeles	2048	MDV	Aggregated	65	DSL	37506.33	0.00064
Los Angeles	2048	MH	Aggregated	55	DSL	9657.305	0.014081
Los Angeles	2048	MH	Aggregated	65	DSL	6854.141	0.01455
Los Angeles	2048	MHDT	Aggregated	55	DSL	614095	0.0099
Los Angeles	2048	MHDT	Aggregated	65	DSL	435845.5	0.015308
Los Angeles	2048	OBUS	Aggregated	55	DSL	36887.27	0.014562
Los Angeles	2048	OBUS	Aggregated	65	DSL	30689.09	0.023436
Los Angeles	2048	SBUS	Aggregated	55	DSL	6047.753	0.009763
Los Angeles	2048	SBUS	Aggregated	65	DSL	0	0
Los Angeles	2048	UBUS	Aggregated	55	DSL	0	0
Los Angeles	2048	UBUS	Aggregated	65	DSL	0	0
Los Angeles	2049	HHDT	Aggregated	55	DSL	1333667	0.02305
Los Angeles	2049	HHDT	Aggregated	65	DSL	817973.6	0.033079
Los Angeles	2049	LDA	Aggregated	55	DSL	99583.98	0.000556
Los Angeles	2049	LDA	Aggregated	65	DSL	55348.31	0.000541
Los Angeles	2049	LDT1	Aggregated	55	DSL	158.1876	0.00364
Los Angeles	2049	LDT1	Aggregated	65	DSL	87.91995	0.003584
Los Angeles	2049	LDT2	Aggregated	55	DSL	32071.04	0.003389
Los Angeles	2049	LDT2	Aggregated	65	DSL	17824.94	0.003296
Los Angeles	2049	LHDT1	Aggregated	55	DSL	493091.9	0.004324
Los Angeles	2049	LHDT1	Aggregated	65	DSL	614898.7	0.004214
Los Angeles	2049	LHDT2	Aggregated	55	DSL	193542.4	0.010552
Los Angeles	2049	LHDT2	Aggregated	65	DSL	241352.5	0.010309
Los Angeles	2049	MDV	Aggregated	55	DSL	67603.46	0.000648
Los Angeles	2049	MDV	Aggregated	65	DSL	37573.69	0.000632
Los Angeles	2049	MH	Aggregated	55	DSL	9699.784	0.013398
Los Angeles	2049	MH	Aggregated	65	DSL	6884.29	0.013624
Los Angeles	2049	MHDT	Aggregated	55	DSL	620589.8	0.009904
Los Angeles	2049	MHDT	Aggregated	65	DSL	440455.1	0.015316
Los Angeles	2049	OBUS	Aggregated	55	DSL	37265.61	0.014544
Los Angeles	2049	OBUS	Aggregated	65	DSL	31000.82	0.023416
Los Angeles	2049	SBUS	Aggregated	55	DSL	6072.877	0.0098
Los Angeles	2049	SBUS	Aggregated	65	DSL	0	0
Los Angeles	2049	UBUS	Aggregated	55	DSL	0	0
Los Angeles	2049	UBUS	Aggregated	65	DSL	0	0

Los Angeles	2050	HHDT	Aggregated	55	DSL	1353961	0.02306
Los Angeles	2050	HHDT	Aggregated	65	DSL	826185.4	0.033077
Los Angeles	2050	LDA	Aggregated	55	DSL	99627.19	0.000554
Los Angeles	2050	LDA	Aggregated	65	DSL	55372.33	0.000538
Los Angeles	2050	LDT1	Aggregated	55	DSL	158.4343	0.003627
Los Angeles	2050	LDT1	Aggregated	65	DSL	88.05704	0.003566
Los Angeles	2050	LDT2	Aggregated	55	DSL	32113.32	0.00339
Los Angeles	2050	LDT2	Aggregated	65	DSL	17848.44	0.003297
Los Angeles	2050	LHDT1	Aggregated	55	DSL	494226.9	0.004297
Los Angeles	2050	LHDT1	Aggregated	65	DSL	616314.1	0.004184
Los Angeles	2050	LHDT2	Aggregated	55	DSL	193988.6	0.01054
Los Angeles	2050	LHDT2	Aggregated	65	DSL	241909	0.010282
Los Angeles	2050	MDV	Aggregated	55	DSL	67709.96	0.00064
Los Angeles	2050	MDV	Aggregated	65	DSL	37632.88	0.000623
Los Angeles	2050	MH	Aggregated	55	DSL	9739.624	0.0128
Los Angeles	2050	MH	Aggregated	65	DSL	6912.566	0.01281
Los Angeles	2050	MHDT	Aggregated	55	DSL	627078.5	0.009911
Los Angeles	2050	MHDT	Aggregated	65	DSL	445060.4	0.015327
Los Angeles	2050	OBUS	Aggregated	55	DSL	37648.41	0.014505
Los Angeles	2050	OBUS	Aggregated	65	DSL	31315.71	0.023368
Los Angeles	2050	SBUS	Aggregated	55	DSL	6091.594	0.009854
Los Angeles	2050	SBUS	Aggregated	65	DSL	0	0
Los Angeles	2050	UBUS	Aggregated	55	DSL	0	0
Los Angeles	2050	UBUS	Aggregated	65	DSL	0	0

2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050

127 West Pomona Avenue Specific Plan
EMFAC2017 (v1.0.2) Emissions Inventory
Region Type: Sub-Area
Region: Los Angeles (SC)
Calendar Year: 2023
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	Calendar Y	Vehicle Cat	Model Yea	Speed	Fuel	Population	VMT	Trips
Los Angele	2023	HHDT	Aggregatec	Aggregated	GAS	52.86814563	5904.511	1057.786
Los Angele	2023	HHDT	Aggregatec	Aggregated	DSL	57613.01744	6949256	573406.5
Los Angele	2023	HHDT	Aggregatec	Aggregated	NG	2795.817267	113851.6	10903.69
Los Angele	2023	LDA	Aggregatec	Aggregated	GAS	3986929.129	1.49E+08	18815398
Los Angele	2023	LDA	Aggregatec	Aggregated	DSL	36740.62878	1426245	174171.3
Los Angele	2023	LDA	Aggregatec	Aggregated	ELEC	91678.53845	3806342	457107.9
Los Angele	2023	LDT1	Aggregatec	Aggregated	GAS	472375.6724	17372475	2187811
Los Angele	2023	LDT1	Aggregatec	Aggregated	DSL	252.4118747	6132.922	894.906
Los Angele	2023	LDT1	Aggregatec	Aggregated	ELEC	4635.248736	196781.6	23233.68
Los Angele	2023	LDT2	Aggregatec	Aggregated	GAS	1397479.324	52162943	6567821
Los Angele	2023	LDT2	Aggregatec	Aggregated	DSL	9765.230182	404272.1	48008.06
Los Angele	2023	LDT2	Aggregatec	Aggregated	ELEC	18283.62829	584568.8	92279.45
Los Angele	2023	LHDT1	Aggregatec	Aggregated	GAS	105195.9307	3800052	1567263
Los Angele	2023	LHDT1	Aggregatec	Aggregated	DSL	68776.35703	2893383	865120.1
Los Angele	2023	LHDT2	Aggregatec	Aggregated	GAS	17937.98852	625878.5	267249.3
Los Angele	2023	LHDT2	Aggregatec	Aggregated	DSL	27873.77545	1126544	350617
Los Angele	2023	MCY	Aggregatec	Aggregated	GAS	183955.3723	1265085	367910.7
Los Angele	2023	MDV	Aggregatec	Aggregated	GAS	931795.9713	32264362	4326648
Los Angele	2023	MDV	Aggregatec	Aggregated	DSL	21297.50738	823486.1	104465.3
Los Angele	2023	MDV	Aggregatec	Aggregated	ELEC	10378.92649	342100.1	52903.33
Los Angele	2023	MH	Aggregatec	Aggregated	GAS	18786.35518	191391.5	1879.387
Los Angele	2023	MH	Aggregatec	Aggregated	DSL	6166.797629	64319.48	616.6798
Los Angele	2023	MHDT	Aggregatec	Aggregated	GAS	14623.10816	797300.1	292579.1
Los Angele	2023	MHDT	Aggregatec	Aggregated	DSL	64520.19017	4246866	635166.6
Los Angele	2023	OBUS	Aggregatec	Aggregated	GAS	3965.955178	159342.8	79350.83
Los Angele	2023	OBUS	Aggregatec	Aggregated	DSL	3071.453276	241091.7	29880.37
Los Angele	2023	SBUS	Aggregatec	Aggregated	GAS	1481.565044	58916.21	5926.26
Los Angele	2023	SBUS	Aggregatec	Aggregated	DSL	3497.078427	110638.4	40355.8
Los Angele	2023	UBUS	Aggregatec	Aggregated	GAS	463.3229945	33183.97	1853.292
Los Angele	2023	UBUS	Aggregatec	Aggregated	DSL	10.1389	1181.23	40.5556
Los Angele	2023	UBUS	Aggregatec	Aggregated	ELEC	12	1070.403	48
Los Angele	2023	UBUS	Aggregatec	Aggregated	NG	4153.840831	439713.5	16615.36
					Total Vehicle Population	**7,566,565**		

ROG_RUNE	ROG_IDLE	ROG_STRE	ROG_TOTE	ROG_DIUR	ROG_HTSK	ROG_RUNL	ROG_RESTI	ROG_TOTA	TOG_RUNE
0.003072	0	1.83E-06	0.003074	3.81E-06	0.000148	0.000769	2.69E-06	0.003998	0.004483
0.151551	0.292402	0	0.443953	0	0	0	0	0.443953	0.172529
0.038979	0.000185	0	0.039163	0	0	0	0	0.039163	0.668996
1.718423	0	4.36508	6.083503	1.038427	2.031358	4.347716	0.999604	14.50061	2.506746
0.029521	0	0	0.029521	0	0	0	0	0.029521	0.033607
0	0	0	0	0.002264	0.002463	0	0.000758	0.005485	0
0.571658	0	0.774854	1.346512	0.283472	0.446318	1.568355	0.242414	3.887072	0.833943
0.001234	0	0	0.001234	0	0	0	0	0.001234	0.001405
0	0	0	0	0.000114	0.000125	0	3.83E-05	0.000278	0
1.054397	0	2.116748	3.171145	0.514031	0.857876	2.882867	0.526959	7.952879	1.538295
0.010033	0	0	0.010033	0	0	0	0	0.010033	0.011421
0	0	0	0	0.000452	0.000497	0	0.000151	0.0011	0
0.133071	0.049106	0.193731	0.375908	0.006305	0.200725	1.379976	0.003901	1.966815	0.194177
0.195963	0.008321	0	0.204284	0	0	0	0	0.204284	0.22309
0.014625	0.008407	0.033901	0.056932	0.000975	0.033895	0.214613	0.000618	0.307034	0.02134
0.075577	0.003372	0	0.078949	0	0	0	0	0.078949	0.086039
3.61977	0	0.730875	4.350645	0.435485	0.258036	0.764262	0.26484	6.073269	4.5085
0.880175	0	1.771252	2.651427	0.394482	0.6566	2.030663	0.422286	6.155459	1.281439
0.013228	0	0	0.013228	0	0	0	0	0.013228	0.01506
0	0	0	0	0.000256	0.000285	0	8.58E-05	0.000627	0
0.009449	0	0.00025	0.0097	0.002013	0.000142	0.003534	0.000864	0.016254	0.013789
0.004575	0	0	0.004575	0	0	0	0	0.004575	0.005209
0.047714	0.016202	0.065455	0.129371	0.000637	0.026703	0.140481	0.000419	0.297611	0.069624
0.037089	0.005005	0	0.042094	0	0	0	0	0.042094	0.042223
0.009788	0.003254	0.013527	0.026569	0.000222	0.002682	0.032179	0.000114	0.061766	0.014283
0.002954	0.003029	0	0.005983	0	0	0	0	0.005983	0.003362
0.003175	0.017336	0.002081	0.022592	5.25E-05	0.000458	0.002839	2.85E-05	0.02597	0.004633
0.013128	0.001083	0	0.014211	0	0	0	0	0.014211	0.014945
0.000722	0	0.000945	0.001667	1.12E-05	0.000152	0.000963	8.88E-06	0.002802	0.001053
1.51E-06	0	0	1.51E-06	0	0	0	0	1.51E-06	0.000108
0	0	0	0	0	0	0	0	0	0
0.043882	0	0	0.043882	0	0	0	0	0.043882	3.124592

TOG_IDLEX	TOG_STRE	TOG_TOTE	TOG_DIURI	TOG_HTSK	TOG_RUNL	TOG_RESTI	TOG_TOTA	CO_RUNEX	CO_IDLEX
0	2.00E-06	0.004485	3.81E-06	0.000148	0.000769	2.69E-06	0.005409	0.211987	0
0.332878	0	0.505407	0	0	0	0	0.505407	1.663962	4.26778
0.00414	0	0.673136	0	0	0	0	0.673136	1.700372	0.062761
0	4.779197	7.285943	1.038427	2.031358	4.347716	0.999604	15.70305	113.0881	0
0	0	0.033607	0	0	0	0	0.033607	0.442027	0
0	0	0	0.002264	0.002463	0	0.000758	0.005485	0	0
0	0.848366	1.682309	0.283472	0.446318	1.568355	0.242414	4.222869	25.09909	0
0	0	0.001405	0	0	0	0	0.001405	0.007265	0
0	0	0	0.000114	0.000125	0	3.83E-05	0.000278	0	0
0	2.31757	3.855866	0.514031	0.857876	2.882867	0.526959	8.637599	54.85002	0
0	0	0.011421	0	0	0	0	0.011421	0.086041	0
0	0	0	0.000452	0.000497	0	0.000151	0.0011	0	0
0.071655	0.212111	0.477943	0.006305	0.200725	1.379976	0.003901	2.06885	3.206412	0.435218
0.009473	0	0.232564	0	0	0	0	0.232564	0.976077	0.06897
0.012267	0.037117	0.070724	0.000975	0.033895	0.214613	0.000618	0.320827	0.370086	0.07435
0.003839	0	0.089878	0	0	0	0	0.089878	0.374941	0.027952
0	0.795638	5.304139	0.435485	0.258036	0.764262	0.26484	7.026763	26.30186	0
0	1.939278	3.220717	0.394482	0.6566	2.030663	0.422286	6.724749	39.79024	0
0	0	0.01506	0	0	0	0	0.01506	0.246113	0
0	0	0	0.000256	0.000285	0	8.58E-05	0.000627	0	0
0	0.000274	0.014063	0.002013	0.000142	0.003534	0.000864	0.020617	0.25596	0
0	0	0.005209	0	0	0	0	0.005209	0.017984	0
0.023642	0.071665	0.164931	0.000637	0.026703	0.140481	0.000419	0.333171	1.199535	0.231854
0.005698	0	0.047921	0	0	0	0	0.047921	0.353691	0.179318
0.004748	0.01481	0.033841	0.000222	0.002682	0.032179	0.000114	0.069038	0.239737	0.025192
0.003449	0	0.006811	0	0	0	0	0.006811	0.031681	0.048377
0.025297	0.002278	0.032208	5.25E-05	0.000458	0.002839	2.85E-05	0.035587	0.067447	0.134051
0.001233	0	0.016178	0	0	0	0	0.016178	0.038675	0.026217
0	0.001035	0.002088	1.12E-05	0.000152	0.000963	8.88E-06	0.003223	0.012917	0
0	0	0.000108	0	0	0	0	0.000108	0.00018	0
0	0	0	0	0	0	0	0	0	0
0	0	3.124592	0	0	0	0	3.124592	23.77772	0

CO_STREX	CO_TOTEX	NOx_RUNE	NOx_IDLEX	NOx_STRE)	NOx_TOTE	CO2_RUNE	CO2_IDLEX	CO2_STRE)	CO2_TOTE
0.006158	0.218145	0.02505	0	0.0007	0.025749	13.26079	0	0.054789	13.31558
0	5.931742	20.74115	3.639293	1.515622	25.89607	10462.85	714.0406	0	11176.89
0	1.763134	0.354065	0.070119	0	0.424184	421.6775	12.3575	0	434.035
43.5092	156.5973	5.985182	0	3.655279	9.640461	44378.16	0	1107.097	45485.26
0	0.442027	0.101784	0	0	0.101784	329.4658	0	0	329.4658
0	0	0	0	0	0	0	0	0	0
5.320263	30.41936	2.01767	0	0.576024	2.593694	5991.126	0	149.7652	6140.891
0	0.007265	0.006676	0	0	0.006676	3.116762	0	0	3.116762
0	0	0	0	0	0	0	0	0	0
18.83597	73.68598	4.359129	0	1.877997	6.237126	19123.23	0	485.8376	19609.07
0	0.086041	0.020239	0	0	0.020239	126.9347	0	0	126.9347
0	0	0	0	0	0	0	0	0	0
2.900383	6.542013	0.764511	0.004287	0.845086	1.613883	3358.557	13.87579	32.32716	3404.76
0	1.045047	3.299629	0.133627	0	3.433256	1459.275	9.754402	0	1469.03
0.48974	0.934176	0.126418	0.000733	0.148639	0.27579	634.784	2.732436	6.276349	643.7927
0	0.402893	1.239182	0.054786	0	1.293968	628.6841	6.363821	0	635.048
3.464522	29.76639	1.577063	0	0.106942	1.684005	311.8832	0	24.01181	335.895
14.39934	54.18958	3.52909	0	1.527551	5.056641	14545.16	0	394.6043	14939.77
0	0.246113	0.037314	0	0	0.037314	334.0334	0	0	334.0334
0	0	0	0	0	0	0	0	0	0
0.005596	0.261556	0.061434	0	0.000682	0.062115	348.2126	0	0.051828	348.2645
0	0.017984	0.231953	0	0	0.231953	67.615	0	0	67.615
1.405591	2.836981	0.34125	0.001441	0.116126	0.458817	1455.653	8.690497	12.33061	1476.674
0	0.533009	5.68489	0.358365	1.502116	7.545371	4274.956	57.42946	0	4332.386
0.281945	0.546874	0.076617	0.000284	0.02802	0.104921	294.4887	1.64161	2.290738	298.4211
0	0.080059	0.437233	0.041842	0.072768	0.551844	303.9224	9.214974	0	313.1374
0.049252	0.250749	0.024956	0.00151	0.0039	0.030366	55.74483	4.18677	0.304669	60.23627
0	0.064892	0.793525	0.153149	0.044812	0.991486	147.2291	13.89652	0	161.1256
0.014606	0.027523	0.009992	0	0.001654	0.011646	72.11537	0	0.172228	72.2876
0	0.00018	0.001084	0	0	0.001084	2.339996	0	0	2.339996
0	0	0	0	0	0	0	0	0	0
0	23.77772	0.234122	0	0	0.234122	966.7779	0	0	966.7779

CH4_RUNE	CH4_IDLEX	CH4_STREX	CH4_TOTEX	PM10_RUN	PM10_IDLE	PM10_STR	PM10_TOT	PM10_PM	PM10_PMI
0.00062	0	3.47E-07	0.00062	8.27E-06	0	8.72E-07	9.15E-06	0.00013	0.000402
0.007039	0.013581	0	0.02062	0.143444	0.001937	0	0.145381	0.272705	0.46769
0.621914	0.003913	0	0.625827	0.000775	0.000123	0	0.000898	0.004518	0.007748
0.450177	0	0.984784	1.434961	0.277438	0	0.037586	0.315024	1.317642	6.052919
0.001371	0	0	0.001371	0.013121	0	0	0.013121	0.012577	0.057777
0	0	0	0	0	0	0	0	0.033566	0.154195
0.13006	0	0.157152	0.287212	0.047399	0	0.005949	0.053348	0.153199	0.703758
5.73E-05	0	0	5.73E-05	0.000918	0	0	0.000918	5.41E-05	0.000248
0	0	0	0	0	0	0	0	0.001735	0.007972
0.258849	0	0.459879	0.718728	0.103834	0	0.01338	0.117214	0.459998	2.113118
0.000466	0	0	0.000466	0.002632	0	0	0.002632	0.003565	0.016377
0	0	0	0	0	0	0	0	0.005155	0.023681
0.027723	0.013997	0.039395	0.081116	0.005636	0	0.000719	0.006355	0.033511	0.320195
0.009102	0.000387	0	0.009489	0.038548	0.002101	0	0.040649	0.038273	0.243798
0.00332	0.002391	0.006907	0.012618	0.000843	0	0.000104	0.000946	0.005519	0.061526
0.00351	0.000157	0	0.003667	0.017753	0.000869	0	0.018622	0.014902	0.110744
0.529056	0	0.094623	0.623679	0.003458	0	0.001279	0.004737	0.005578	0.0164
0.2086	0	0.36349	0.572089	0.067492	0	0.009529	0.077021	0.284523	1.307027
0.000614	0	0	0.000614	0.004342	0	0	0.004342	0.007262	0.033359
0	0	0	0	0	0	0	0	0.003017	0.013858
0.002228	0	6.24E-05	0.00229	0.000297	0	7.35E-07	0.000297	0.002532	0.027498
0.000213	0	0	0.000213	0.004863	0	0	0.004863	0.001134	0.009241
0.009945	0.004298	0.01242	0.026663	0.000973	0	0.000138	0.001111	0.010546	0.114552
0.001723	0.000232	0	0.001955	0.03311	0.000334	0	0.033444	0.056176	0.61017
0.002044	0.00086	0.002573	0.005477	0.000175	0	2.41E-05	0.000199	0.002108	0.022894
0.000137	0.000141	0	0.000278	0.002953	1.42E-05	0	0.002968	0.003189	0.034639
0.000644	0.003927	0.00036	0.004931	7.40E-05	0	3.07E-06	7.71E-05	0.00052	0.04837
0.00061	5.03E-05	0	0.00066	0.004617	0.000183	0	0.0048	0.001463	0.090834
0.000217	0	0.000219	0.000436	5.26E-05	0	1.16E-06	5.38E-05	0.000415	0.00452
0.000106	0	0	0.000106	7.99E-06	0	0	7.99E-06	4.69E-05	8.04E-05
0	0	0	0	0	0	0	0	1.42E-05	0.000154
3.061454	0	0	3.061454	0.001619	0	0	0.001619	0.016219	0.033313

PM10_TOT	PM2_5_RU	PM2_5_IDI	PM2_5_STI	PM2_5_TO	PM2_5_PM	PM2_5_PM	PM2_5_TO	SOx_RUNE	SOx_IDLEX
0.000541	7.61E-06	0	8.02E-07	8.41E-06	3.25E-05	0.000172	0.000213	0.000131	0
0.885776	0.137239	0.001853	0	0.139092	0.068176	0.200438	0.407707	0.098848	0.006746
0.013164	0.000741	0.000118	0	0.000859	0.00113	0.003321	0.005309	0	0
7.685584	0.255096	0	0.03456	0.289656	0.329411	2.594108	3.213174	0.439158	0
0.083475	0.012553	0	0	0.012553	0.003144	0.024762	0.040459	0.003115	0
0.187761	0	0	0	0	0.008392	0.066083	0.074475	0	0
0.910305	0.043584	0	0.00547	0.049053	0.0383	0.301611	0.388964	0.059287	0
0.00122	0.000878	0	0	0.000878	1.35E-05	0.000106	0.000998	2.95E-05	0
0.009707	0	0	0	0	0.000434	0.003416	0.00385	0	0
2.69033	0.095473	0	0.012303	0.107775	0.115	0.905622	1.128397	0.18924	0
0.022574	0.002518	0	0	0.002518	0.000891	0.007019	0.010428	0.0012	0
0.028836	0	0	0	0	0.001289	0.010149	0.011438	0	0
0.360061	0.005182	0	0.000661	0.005843	0.008378	0.137226	0.151447	0.033236	0.000137
0.32272	0.03688	0.00201	0	0.03889	0.009568	0.104485	0.152944	0.013795	9.22E-05
0.067992	0.000775	0	9.52E-05	0.00087	0.00138	0.026368	0.028618	0.006282	2.70E-05
0.144268	0.016985	0.000831	0	0.017817	0.003725	0.047462	0.069004	0.005943	6.02E-05
0.026715	0.00323	0	0.001202	0.004432	0.001395	0.007028	0.012855	0.003086	0
1.668572	0.062065	0	0.008763	0.070828	0.071131	0.560155	0.702113	0.143936	0
0.044963	0.004154	0	0	0.004154	0.001815	0.014297	0.020267	0.003158	0
0.016875	0	0	0	0	0.000754	0.005939	0.006694	0	0
0.030327	0.000273	0	6.76E-07	0.000273	0.000633	0.011785	0.012691	0.003446	0
0.015239	0.004653	0	0	0.004653	0.000284	0.00396	0.008897	0.000639	0
0.12621	0.000895	0	0.000127	0.001021	0.002637	0.049094	0.052752	0.014405	8.60E-05
0.69979	0.031678	0.000319	0	0.031997	0.014044	0.261501	0.307543	0.040388	0.000543
0.0252	0.000161	0	2.21E-05	0.000183	0.000527	0.009812	0.010522	0.002914	1.62E-05
0.040796	0.002826	1.36E-05	0	0.002839	0.000797	0.014845	0.018482	0.002871	8.71E-05
0.048967	6.81E-05	0	2.83E-06	7.09E-05	0.00013	0.02073	0.020931	0.000552	4.14E-05
0.097098	0.004417	0.000175	0	0.004592	0.000366	0.038929	0.043887	0.001391	0.000131
0.004988	4.84E-05	0	1.06E-06	4.94E-05	0.000104	0.001937	0.00209	0.000714	0
0.000135	7.65E-06	0	0	7.65E-06	1.17E-05	3.45E-05	5.38E-05	2.21E-05	0
0.000168	0	0	0	0	3.54E-06	6.59E-05	6.95E-05	0	0
0.051152	0.001549	0	0	0.001549	0.004055	0.014277	0.019881	0	0

SOx_STREX	SOx_TOTE	N2O_RUNE	N2O_IDLEX	N2O_STRE	N2O_TOTE	Fuel Consumption
5.42E-07	0.000132	0.000934	0	1.79E-05	0.000952	1.405502
0	0.105594	1.644615	0.112237	0	1.756852	996.1185
0	0	0.085962	0.002519	0	0.088481	50.16782
0.010956	0.450113	0.710264	0	0.511749	1.222012	4801.115
0	0.003115	0.051787	0	0	0.051787	29.36299
0	0	0	0	0	0	0
0.001482	0.060769	0.153093	0	0.065946	0.219039	648.1907
0	2.95E-05	0.00049	0	0	0.00049	0.277775
0	0	0	0	0	0	0
0.004808	0.194048	0.367055	0	0.220145	0.5872	2069.8
0	0.0012	0.019952	0	0	0.019952	11.31281
0	0	0	0	0	0	0
0.00032	0.033693	0.0469	0.000369	0.06938	0.116649	359.3833
0	0.013888	0.229378	0.001533	0	0.230911	130.9244
6.21E-05	0.006371	0.008279	6.13E-05	0.011839	0.020179	67.95439
0	0.006003	0.09882	0.001	0	0.099821	56.5974
0.000238	0.003324	0.091192	0	0.006108	0.0973	35.4548
0.003905	0.147841	0.281776	0	0.1585	0.440276	1576.94
0	0.003158	0.052505	0	0	0.052505	29.77007
0	0	0	0	0	0	0
5.13E-07	0.003446	0.004206	0	7.65E-05	0.004283	36.76043
0	0.000639	0.010628	0	0	0.010628	6.026054
0.000122	0.014613	0.017847	0.000127	0.009451	0.027425	155.8677
0	0.04093	0.671964	0.009027	0	0.680991	386.1153
2.27E-05	0.002953	0.003796	2.41E-05	0.002191	0.006011	31.4993
0	0.002958	0.047772	0.001448	0	0.049221	27.90775
3.01E-06	0.000596	0.001465	0.000142	0.000358	0.001965	6.358131
0	0.001522	0.023142	0.002184	0	0.025327	14.36
1.70E-06	0.000715	0.000834	0	0.000144	0.000978	7.630187
0	2.21E-05	0.000368	0	0	0.000368	0.208548
0	0	0	0	0	0	0
0	0	0.197084	0	0	0.197084	111.7448

This page intentionally left blank.

APPENDIX B: HARP OUTPUTS

This page intentionally left blank.

HARP2 - HRACalc (dated 17023) 2/20/2019 12:06:25 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: Cancer
Calculation Method: HighEnd

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 30

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 2
2<9 Years Bin: 0
2<16 Years Bin: 14
16<30 Years Bin: 14
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: False
Dermal: False
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home

3rd Trimester to 16 years: ON
16 years to 70 years: ON

****

TIER 2 SETTINGS
Tier2 not used.

****

Calculating cancer risk
Cancer risk saved to: C:\Users\cameronh\Desktop\127 Pomona HARP\127PomonaCancerRiskCancerRisk.csv
HRA ran successfully

HARP2 - HRACalc (dated 17023) 2/20/2019 12:14:55 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: NCChronic
Calculation Method: HighEnd

****
EXPOSURE DURATION PARAMETERS FOR CANCER
Exposure duration are only adjusted for cancer assessments

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: False
Dermal: False
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
NOTE: Exposure duration (i.e., start age, end age, ED, & FAH) are only adjusted for cancer assessments.

****
TIER 2 SETTINGS
Tier2 not used.

****

Calculating chronic risk
Chronic risk saved to: C:\Users\cameronh\Desktop\127 Pomona HARP\127PomonaChronicNCChronicRisk.csv

127 West Pomona Avenue Specific Plan
HARP Output

*HARP - HRACalc v17023 2/20/2019 12:06:25 PM - Cancer Risk

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	DETAILS	INH_RISK
1			9901	DieselExhPM	0.05153	3.51E-05	30YrCancerH	*	3.51E-05

APPENDIX C: AERMOD REPORT SUMMARY

This page intentionally left blank.

Control Pathway

Dispersion Options

Titles

C:\Lakes\CH-127 Pomona DC R2\CH-127 Pomona DC R2.isc

Dispersion Options

☑ Regulatory Default ☐ Non-Default Options

Dispersion Coefficient

Urban

Population:
Name (Optional):
Roughness Length:

Output Type

☑ Concentration
☐ Total Deposition (Dry & Wet)
☐ Dry Deposition
☐ Wet Deposition

Plume Depletion

☐ Dry Removal
☐ Wet Removal

Output Warnings

☐ No Output Warnings
☐ Non-fatal Warnings for Non-sequential Met Data

Pollutant / Averaging Time / Terrain Options

Pollutant Type

PM10

Averaging Time Options

Hours

☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 6 ☐ 8 ☐ 12 ☐ 24

☐ Month ☑ Period ☐ Annual

Exponential Decay

Half-life of 4 hrs will be used

Terrain Height Options

☐ Flat ☑ Elevated

SO: Meters
RE: Meters
TG: Meters

Flagpole Receptors

☐ Yes ☑ No

Default Height = 0.00 m

Control Pathway

Optional Files

Re-Start File	Init File	Multi-Year Analyses	Event Input File	Error Listing File
☐	☐	☐	☐	■

Detailed Error Listing File

Filename: CH-127 Pomona DC R2.err

Source Pathway - Source Inputs

Polygon Area Sources

Source Type: AREA POLY

Source: PAREA1 (I-210 East and West)

Base Elevation (Optional)	Release Height [m]	Emission Rate [g/ (s-m^2)]	Initial Vertical Dim. [m]	Number of Vertices (or sides)	X Coordinate for Vertices [m]	Y Coordinate for Vertices [m]
141.12	3.28	2.65E-8		12	407248.34	3777609.43
		2.65E-8			407249.03	3777649.66
		2.65E-8			407303.28	3777648.05
		2.65E-8			407347.88	3777647.59
		2.65E-8			407411.56	3777647.13
		2.65E-8			407460.07	3777647.59
		2.65E-8			407962.06	3777645.35
		2.65E-8			407961.31	3777601.92
		2.65E-8			407704.51	3777602.30
		2.65E-8			407468.68	3777606.04
		2.65E-8			407390.07	3777607.16
		2.65E-8			407316.70	3777608.66

Source Pathway

Building Downwash Information

Option not in use

Emission Rate Units for Output

For Concentration

Unit Factor:	1E6
Emission Unit Label:	GRAMS/SEC
Concentration Unit Label:	MICROGRAMS/M**3

Receptor Pathway

Receptor Networks

Note: Terrain Elavations and Flagpole Heights for Network Grids are in Page RE2 - 1 (If applicable)
Generated Discrete Receptors for Multi-Tier (Risk) Grid and Receptor Locations for Fenceline Grid are in Page RE3 - 1 (If applicable)

Discrete Receptors

Discrete Cartesian Receptors

Record Number	X-Coordinate [m]	Y-Coordinate [m]	Group Name (Optional)	Terrain Elevations	Flagpole Heights [m] (Optional)
1	407657.48	3777496.25	FENCEGRD	136.99	
2	407652.68	3777496.22	FENCEGRD	136.93	
3	407647.88	3777496.19	FENCEGRD	136.87	
4	407643.08	3777496.15	FENCEGRD	136.82	
5	407638.28	3777496.12	FENCEGRD	136.77	
6	407633.47	3777496.09	FENCEGRD	136.72	
7	407628.67	3777496.06	FENCEGRD	136.67	
8	407623.87	3777496.02	FENCEGRD	136.60	
9	407619.07	3777495.99	FENCEGRD	136.56	
10	407614.27	3777495.96	FENCEGRD	136.55	
11	407609.47	3777495.93	FENCEGRD	136.47	
12	407604.66	3777495.90	FENCEGRD	136.36	
13	407599.86	3777495.86	FENCEGRD	136.34	
14	407595.06	3777495.83	FENCEGRD	136.34	
15	407590.26	3777495.80	FENCEGRD	136.39	
16	407585.46	3777495.77	FENCEGRD	136.41	
17	407580.66	3777495.74	FENCEGRD	136.32	
18	407575.85	3777495.70	FENCEGRD	136.26	
19	407571.05	3777495.67	FENCEGRD	136.23	
20	407566.25	3777495.64	FENCEGRD	136.21	
21	407561.45	3777495.61	FENCEGRD	136.18	
22	407556.65	3777495.57	FENCEGRD	136.12	
23	407551.85	3777495.54	FENCEGRD	136.07	
24	407547.04	3777495.51	FENCEGRD	136.06	
25	407661.19	3777492.90	FENCEGRD	136.90	
26	407666.14	3777498.37	FENCEGRD	137.20	
27	407652.72	3777491.22	FENCEGRD	136.74	
28	407647.91	3777491.19	FENCEGRD	136.70	
29	407643.11	3777491.15	FENCEGRD	136.64	
30	407638.31	3777491.12	FENCEGRD	136.59	

31	407633.51	3777491.09	FENCEGRD	136.53
32	407628.71	3777491.06	FENCEGRD	136.47
33	407623.90	3777491.03	FENCEGRD	136.41
34	407619.10	3777490.99	FENCEGRD	136.35
35	407614.30	3777490.96	FENCEGRD	136.29
36	407609.50	3777490.93	FENCEGRD	136.24
37	407604.70	3777490.90	FENCEGRD	136.19
38	407599.90	3777490.86	FENCEGRD	136.17
39	407595.09	3777490.83	FENCEGRD	136.15
40	407590.29	3777490.80	FENCEGRD	136.13
41	407585.49	3777490.77	FENCEGRD	136.11
42	407580.69	3777490.74	FENCEGRD	136.10
43	407575.89	3777490.70	FENCEGRD	136.08
44	407571.09	3777490.67	FENCEGRD	136.05
45	407566.28	3777490.64	FENCEGRD	136.03
46	407561.48	3777490.61	FENCEGRD	136.02
47	407556.68	3777490.57	FENCEGRD	135.98
48	407551.88	3777490.54	FENCEGRD	135.94
49	407547.08	3777490.51	FENCEGRD	135.94
50	407661.23	3777487.90	FENCEGRD	136.76
51	407669.85	3777495.02	FENCEGRD	137.10
52	407652.75	3777486.22	FENCEGRD	136.49
53	407647.95	3777486.19	FENCEGRD	136.43
54	407643.15	3777486.15	FENCEGRD	136.38
55	407638.34	3777486.12	FENCEGRD	136.33
56	407633.54	3777486.09	FENCEGRD	136.27
57	407628.74	3777486.06	FENCEGRD	136.22
58	407623.94	3777486.03	FENCEGRD	136.18
59	407619.14	3777485.99	FENCEGRD	136.13
60	407614.33	3777485.96	FENCEGRD	136.09
61	407609.53	3777485.93	FENCEGRD	136.06
62	407604.73	3777485.90	FENCEGRD	136.03
63	407599.93	3777485.86	FENCEGRD	136.02
64	407595.13	3777485.83	FENCEGRD	136.00
65	407590.33	3777485.80	FENCEGRD	135.96
66	407585.52	3777485.77	FENCEGRD	135.93
67	407580.72	3777485.74	FENCEGRD	135.95
68	407575.92	3777485.70	FENCEGRD	135.94

69	407571.12	3777485.67	FENCEGRD	135.88
70	407566.32	3777485.64	FENCEGRD	135.87
71	407561.52	3777485.61	FENCEGRD	135.87
72	407556.71	3777485.57	FENCEGRD	135.86
73	407551.91	3777485.54	FENCEGRD	135.84
74	407547.11	3777485.51	FENCEGRD	135.83
75	407661.26	3777482.90	FENCEGRD	136.70
76	407668.61	3777486.19	FENCEGRD	136.88
77	407673.56	3777491.66	FENCEGRD	136.99
78	407676.09	3777499.31	FENCEGRD	137.38
79	407652.78	3777481.22	FENCEGRD	136.22
80	407647.98	3777481.19	FENCEGRD	136.14
81	407643.18	3777481.15	FENCEGRD	136.09
82	407638.38	3777481.12	FENCEGRD	136.05
83	407633.58	3777481.09	FENCEGRD	136.01
84	407628.77	3777481.06	FENCEGRD	135.97
85	407623.97	3777481.03	FENCEGRD	135.94
86	407619.17	3777480.99	FENCEGRD	135.92
87	407614.37	3777480.96	FENCEGRD	135.89
88	407609.57	3777480.93	FENCEGRD	135.88
89	407604.76	3777480.90	FENCEGRD	135.87
90	407599.96	3777480.86	FENCEGRD	135.86
91	407595.16	3777480.83	FENCEGRD	135.85
92	407590.36	3777480.80	FENCEGRD	135.79
93	407585.56	3777480.77	FENCEGRD	135.75
94	407580.76	3777480.74	FENCEGRD	135.81
95	407575.95	3777480.70	FENCEGRD	135.80
96	407571.15	3777480.67	FENCEGRD	135.72
97	407566.35	3777480.64	FENCEGRD	135.71
98	407561.55	3777480.61	FENCEGRD	135.73
99	407556.75	3777480.57	FENCEGRD	135.74
100	407551.95	3777480.54	FENCEGRD	135.74
101	407547.14	3777480.51	FENCEGRD	135.71
102	407661.29	3777477.90	FENCEGRD	136.57
103	407668.65	3777481.19	FENCEGRD	136.90
104	407677.27	3777488.31	FENCEGRD	136.99
105	407679.80	3777495.96	FENCEGRD	137.27
106	407652.82	3777476.22	FENCEGRD	136.06

107	407648.01	3777476.19	FENCEGRD	136.00
108	407643.21	3777476.15	FENCEGRD	135.96
109	407638.41	3777476.12	FENCEGRD	135.94
110	407633.61	3777476.09	FENCEGRD	135.91
111	407628.81	3777476.06	FENCEGRD	135.88
112	407624.01	3777476.03	FENCEGRD	135.87
113	407619.20	3777475.99	FENCEGRD	135.85
114	407614.40	3777475.96	FENCEGRD	135.83
115	407609.60	3777475.93	FENCEGRD	135.82
116	407604.80	3777475.90	FENCEGRD	135.81
117	407600.00	3777475.86	FENCEGRD	135.77
118	407595.19	3777475.83	FENCEGRD	135.72
119	407590.39	3777475.80	FENCEGRD	135.68
120	407585.59	3777475.77	FENCEGRD	135.65
121	407580.79	3777475.74	FENCEGRD	135.68
122	407575.99	3777475.70	FENCEGRD	135.67
123	407571.19	3777475.67	FENCEGRD	135.62
124	407566.38	3777475.64	FENCEGRD	135.58
125	407561.58	3777475.61	FENCEGRD	135.54
126	407556.78	3777475.57	FENCEGRD	135.56
127	407551.98	3777475.54	FENCEGRD	135.59
128	407547.18	3777475.51	FENCEGRD	135.58
129	407662.66	3777378.21	FENCEGRD	134.61
130	407667.04	3777380.18	FENCEGRD	134.82
131	407671.42	3777382.14	FENCEGRD	135.04
132	407675.79	3777384.10	FENCEGRD	135.09
133	407680.17	3777386.06	FENCEGRD	135.08
134	407684.55	3777388.02	FENCEGRD	135.05
135	407688.92	3777389.98	FENCEGRD	135.07
136	407693.30	3777391.94	FENCEGRD	135.13
137	407697.68	3777393.91	FENCEGRD	135.20
138	407702.05	3777395.87	FENCEGRD	135.27
139	407706.43	3777397.83	FENCEGRD	135.34
140	407710.81	3777399.79	FENCEGRD	135.32
141	407715.18	3777401.75	FENCEGRD	135.37
142	407719.56	3777403.71	FENCEGRD	135.57
143	407723.94	3777405.68	FENCEGRD	135.72
144	407728.31	3777407.64	FENCEGRD	135.78

145	407732.69	3777409.60	FENCEGRD	135.86
146	407737.07	3777411.56	FENCEGRD	135.97
147	407741.44	3777413.52	FENCEGRD	136.00
148	407745.82	3777415.48	FENCEGRD	136.03
149	407751.70	3777422.00	FENCEGRD	136.32
150	407753.21	3777426.55	FENCEGRD	136.52
151	407754.72	3777431.10	FENCEGRD	136.74
152	407756.23	3777435.65	FENCEGRD	136.97
153	407757.74	3777440.21	FENCEGRD	137.15
154	407759.25	3777444.76	FENCEGRD	137.28
155	407760.76	3777449.31	FENCEGRD	137.38
156	407762.27	3777453.86	FENCEGRD	137.44
157	407763.78	3777458.41	FENCEGRD	137.50
158	407765.29	3777462.97	FENCEGRD	137.56
159	407766.80	3777467.52	FENCEGRD	137.64
160	407768.31	3777472.07	FENCEGRD	137.75
161	407769.82	3777476.62	FENCEGRD	137.87
162	407771.33	3777481.18	FENCEGRD	137.94
163	407772.84	3777485.73	FENCEGRD	137.99
164	407774.35	3777490.28	FENCEGRD	138.04
165	407775.85	3777494.83	FENCEGRD	138.10
166	407777.36	3777499.38	FENCEGRD	138.17
167	407778.87	3777503.94	FENCEGRD	138.44
168	407780.38	3777508.49	FENCEGRD	138.70
169	407658.29	3777376.25	FENCEGRD	134.66
170	407653.49	3777376.22	FENCEGRD	134.75
171	407648.68	3777376.19	FENCEGRD	134.73
172	407643.88	3777376.16	FENCEGRD	134.72
173	407639.08	3777376.12	FENCEGRD	134.71
174	407634.28	3777376.09	FENCEGRD	134.63
175	407629.48	3777376.06	FENCEGRD	134.50
176	407624.68	3777376.03	FENCEGRD	134.36
177	407619.87	3777376.00	FENCEGRD	134.23
178	407615.07	3777375.96	FENCEGRD	134.14
179	407610.27	3777375.93	FENCEGRD	134.05
180	407605.47	3777375.90	FENCEGRD	133.98
181	407600.67	3777375.87	FENCEGRD	133.94
182	407595.86	3777375.83	FENCEGRD	133.92

183	407591.06	3777375.80	FENCEGRD	133.89
184	407586.26	3777375.77	FENCEGRD	133.85
185	407581.46	3777375.74	FENCEGRD	133.79
186	407576.66	3777375.71	FENCEGRD	133.72
187	407571.86	3777375.67	FENCEGRD	133.76
188	407567.05	3777375.64	FENCEGRD	133.79
189	407562.25	3777375.61	FENCEGRD	133.81
190	407557.45	3777375.58	FENCEGRD	133.82
191	407552.65	3777375.54	FENCEGRD	133.81
192	407547.85	3777375.51	FENCEGRD	133.81
193	407663.31	3777278.21	FENCEGRD	131.93
194	407667.66	3777280.16	FENCEGRD	132.01
195	407672.02	3777282.11	FENCEGRD	132.12
196	407676.37	3777284.06	FENCEGRD	132.35
197	407680.73	3777286.01	FENCEGRD	132.70
198	407685.08	3777287.96	FENCEGRD	133.14
199	407689.43	3777289.91	FENCEGRD	133.37
200	407693.79	3777291.86	FENCEGRD	133.43
201	407698.14	3777293.82	FENCEGRD	133.57
202	407702.49	3777295.77	FENCEGRD	133.78
203	407706.85	3777297.72	FENCEGRD	133.82
204	407711.20	3777299.67	FENCEGRD	133.78
205	407715.55	3777301.62	FENCEGRD	133.79
206	407719.91	3777303.57	FENCEGRD	133.80
207	407724.26	3777305.52	FENCEGRD	133.82
208	407728.61	3777307.47	FENCEGRD	133.86
209	407732.97	3777309.42	FENCEGRD	133.90
210	407737.32	3777311.38	FENCEGRD	134.01
211	407741.67	3777313.33	FENCEGRD	134.02
212	407746.03	3777315.28	FENCEGRD	133.96
213	407750.38	3777317.23	FENCEGRD	134.03
214	407754.73	3777319.18	FENCEGRD	134.13
215	407759.09	3777321.13	FENCEGRD	134.21
216	407763.44	3777323.08	FENCEGRD	134.29
217	407767.79	3777325.03	FENCEGRD	134.40
218	407772.15	3777326.99	FENCEGRD	134.47
219	407776.50	3777328.94	FENCEGRD	134.58
220	407780.86	3777330.89	FENCEGRD	134.71

221	407785.21	3777332.84	FENCEGRD	134.83
222	407789.56	3777334.79	FENCEGRD	134.96
223	407793.92	3777336.74	FENCEGRD	135.04
224	407798.27	3777338.69	FENCEGRD	135.13
225	407802.62	3777340.64	FENCEGRD	135.19
226	407806.98	3777342.59	FENCEGRD	135.29
227	407811.33	3777344.55	FENCEGRD	135.35
228	407815.68	3777346.50	FENCEGRD	135.35
229	407820.04	3777348.45	FENCEGRD	135.27
230	407825.89	3777354.93	FENCEGRD	135.34
231	407827.39	3777359.46	FENCEGRD	135.40
232	407828.89	3777363.98	FENCEGRD	135.48
233	407830.40	3777368.51	FENCEGRD	135.60
234	407831.90	3777373.04	FENCEGRD	135.73
235	407833.40	3777377.57	FENCEGRD	135.88
236	407834.90	3777382.10	FENCEGRD	136.05
237	407836.40	3777386.63	FENCEGRD	136.17
238	407837.90	3777391.15	FENCEGRD	136.24
239	407839.41	3777395.68	FENCEGRD	136.31
240	407840.91	3777400.21	FENCEGRD	136.43
241	407842.41	3777404.74	FENCEGRD	136.54
242	407843.91	3777409.27	FENCEGRD	136.71
243	407845.41	3777413.80	FENCEGRD	136.87
244	407846.91	3777418.32	FENCEGRD	137.01
245	407848.41	3777422.85	FENCEGRD	137.14
246	407849.92	3777427.38	FENCEGRD	137.27
247	407851.42	3777431.91	FENCEGRD	137.40
248	407852.92	3777436.44	FENCEGRD	137.54
249	407854.42	3777440.97	FENCEGRD	137.69
250	407855.92	3777445.49	FENCEGRD	137.84
251	407857.42	3777450.02	FENCEGRD	137.99
252	407858.92	3777454.55	FENCEGRD	138.14
253	407860.43	3777459.08	FENCEGRD	138.31
254	407861.93	3777463.61	FENCEGRD	138.49
255	407863.43	3777468.14	FENCEGRD	138.66
256	407864.93	3777472.66	FENCEGRD	138.81
257	407866.43	3777477.19	FENCEGRD	138.95
258	407867.93	3777481.72	FENCEGRD	138.97

259	407869.43	3777486.25	FENCEGRD	138.94
260	407870.94	3777490.78	FENCEGRD	138.98
261	407872.44	3777495.31	FENCEGRD	139.07
262	407873.94	3777499.83	FENCEGRD	139.20
263	407875.44	3777504.36	FENCEGRD	139.42
264	407876.94	3777508.89	FENCEGRD	139.64
265	407878.44	3777513.42	FENCEGRD	139.78
266	407879.95	3777517.95	FENCEGRD	139.90
267	407658.96	3777276.26	FENCEGRD	131.78
268	407654.16	3777276.22	FENCEGRD	131.71
269	407649.35	3777276.19	FENCEGRD	131.67
270	407644.55	3777276.16	FENCEGRD	131.64
271	407639.75	3777276.13	FENCEGRD	131.60
272	407634.95	3777276.09	FENCEGRD	131.57
273	407630.15	3777276.06	FENCEGRD	131.53
274	407625.35	3777276.03	FENCEGRD	131.50
275	407620.54	3777276.00	FENCEGRD	131.47
276	407615.74	3777275.97	FENCEGRD	131.46
277	407610.94	3777275.93	FENCEGRD	131.45
278	407606.14	3777275.90	FENCEGRD	131.47
279	407601.34	3777275.87	FENCEGRD	131.49
280	407596.53	3777275.84	FENCEGRD	131.41
281	407591.73	3777275.80	FENCEGRD	131.34
282	407586.93	3777275.77	FENCEGRD	131.32
283	407582.13	3777275.74	FENCEGRD	131.29
284	407577.33	3777275.71	FENCEGRD	131.27
285	407572.53	3777275.68	FENCEGRD	131.25
286	407567.72	3777275.64	FENCEGRD	131.24
287	407562.92	3777275.61	FENCEGRD	131.19
288	407558.12	3777275.58	FENCEGRD	131.15
289	407553.32	3777275.55	FENCEGRD	131.14
290	407548.52	3777275.52	FENCEGRD	131.13
291	407663.97	3777178.20	FENCEGRD	130.25
292	407668.32	3777180.15	FENCEGRD	130.52
293	407672.66	3777182.10	FENCEGRD	130.64
294	407677.01	3777184.05	FENCEGRD	130.65
295	407681.35	3777185.99	FENCEGRD	130.65
296	407685.70	3777187.94	FENCEGRD	130.67

297	407690.04	3777189.89	FENCEGRD	130.70
298	407694.39	3777191.84	FENCEGRD	130.73
299	407698.73	3777193.78	FENCEGRD	130.71
300	407703.07	3777195.73	FENCEGRD	130.65
301	407707.42	3777197.68	FENCEGRD	130.78
302	407711.76	3777199.62	FENCEGRD	130.94
303	407716.11	3777201.57	FENCEGRD	130.98
304	407720.45	3777203.52	FENCEGRD	131.03
305	407724.80	3777205.47	FENCEGRD	131.08
306	407729.14	3777207.41	FENCEGRD	131.13
307	407733.49	3777209.36	FENCEGRD	131.46
308	407737.83	3777211.31	FENCEGRD	131.83
309	407742.18	3777213.25	FENCEGRD	131.92
310	407746.52	3777215.20	FENCEGRD	131.99
311	407750.87	3777217.15	FENCEGRD	132.02
312	407755.21	3777219.10	FENCEGRD	132.07
313	407759.56	3777221.04	FENCEGRD	132.15
314	407763.90	3777222.99	FENCEGRD	132.21
315	407768.25	3777224.94	FENCEGRD	132.27
316	407772.59	3777226.89	FENCEGRD	132.33
317	407776.93	3777228.83	FENCEGRD	132.44
318	407781.28	3777230.78	FENCEGRD	132.53
319	407785.62	3777232.73	FENCEGRD	132.60
320	407789.97	3777234.67	FENCEGRD	132.68
321	407794.31	3777236.62	FENCEGRD	132.79
322	407798.66	3777238.57	FENCEGRD	132.86
323	407803.00	3777240.52	FENCEGRD	132.90
324	407807.35	3777242.46	FENCEGRD	132.90
325	407811.69	3777244.41	FENCEGRD	132.94
326	407816.04	3777246.36	FENCEGRD	132.98
327	407820.38	3777248.30	FENCEGRD	133.04
328	407824.73	3777250.25	FENCEGRD	133.10
329	407829.07	3777252.20	FENCEGRD	133.18
330	407833.42	3777254.15	FENCEGRD	133.31
331	407837.76	3777256.09	FENCEGRD	133.42
332	407842.11	3777258.04	FENCEGRD	133.49
333	407846.45	3777259.99	FENCEGRD	133.50
334	407850.79	3777261.94	FENCEGRD	133.54

335	407855.14	3777263.88	FENCEGRD	133.60
336	407859.48	3777265.83	FENCEGRD	133.64
337	407863.83	3777267.78	FENCEGRD	133.66
338	407868.17	3777269.72	FENCEGRD	133.69
339	407872.52	3777271.67	FENCEGRD	133.72
340	407876.86	3777273.62	FENCEGRD	133.93
341	407881.21	3777275.57	FENCEGRD	134.28
342	407885.55	3777277.51	FENCEGRD	134.64
343	407889.90	3777279.46	FENCEGRD	135.00
344	407894.24	3777281.41	FENCEGRD	135.37
345	407900.08	3777287.87	FENCEGRD	135.46
346	407901.58	3777292.39	FENCEGRD	135.33
347	407903.08	3777296.91	FENCEGRD	135.45
348	407904.58	3777301.43	FENCEGRD	135.60
349	407906.08	3777305.95	FENCEGRD	135.70
350	407907.58	3777310.47	FENCEGRD	135.78
351	407909.08	3777314.99	FENCEGRD	135.85
352	407910.57	3777319.51	FENCEGRD	135.90
353	407912.07	3777324.03	FENCEGRD	135.94
354	407913.57	3777328.55	FENCEGRD	135.98
355	407915.07	3777333.07	FENCEGRD	136.02
356	407916.57	3777337.58	FENCEGRD	136.09
357	407918.07	3777342.10	FENCEGRD	136.17
358	407919.56	3777346.62	FENCEGRD	136.20
359	407921.06	3777351.14	FENCEGRD	136.21
360	407922.56	3777355.66	FENCEGRD	136.25
361	407924.06	3777360.18	FENCEGRD	136.34
362	407925.56	3777364.70	FENCEGRD	136.42
363	407927.06	3777369.22	FENCEGRD	136.49
364	407928.56	3777373.74	FENCEGRD	136.55
365	407930.05	3777378.26	FENCEGRD	136.64
366	407931.55	3777382.78	FENCEGRD	136.77
367	407933.05	3777387.30	FENCEGRD	136.96
368	407934.55	3777391.81	FENCEGRD	137.20
369	407936.05	3777396.33	FENCEGRD	137.41
370	407937.55	3777400.85	FENCEGRD	137.57
371	407939.04	3777405.37	FENCEGRD	137.70
372	407940.54	3777409.89	FENCEGRD	137.74

373	407942.04	3777414.41	FENCEGRD	137.82
374	407943.54	3777418.93	FENCEGRD	138.02
375	407945.04	3777423.45	FENCEGRD	138.22
376	407946.54	3777427.97	FENCEGRD	138.41
377	407948.03	3777432.49	FENCEGRD	138.60
378	407949.53	3777437.01	FENCEGRD	138.75
379	407951.03	3777441.53	FENCEGRD	138.85
380	407952.53	3777446.04	FENCEGRD	138.97
381	407954.03	3777450.56	FENCEGRD	139.08
382	407955.53	3777455.08	FENCEGRD	139.19
383	407957.03	3777459.60	FENCEGRD	139.30
384	407958.52	3777464.12	FENCEGRD	139.39
385	407960.02	3777468.64	FENCEGRD	139.50
386	407961.52	3777473.16	FENCEGRD	139.62
387	407963.02	3777477.68	FENCEGRD	139.75
388	407964.52	3777482.20	FENCEGRD	139.79
389	407966.02	3777486.72	FENCEGRD	139.83
390	407967.51	3777491.24	FENCEGRD	139.92
391	407969.01	3777495.76	FENCEGRD	140.01
392	407970.51	3777500.27	FENCEGRD	140.29
393	407972.01	3777504.79	FENCEGRD	140.65
394	407973.51	3777509.31	FENCEGRD	140.90
395	407975.01	3777513.83	FENCEGRD	141.01
396	407976.51	3777518.35	FENCEGRD	141.11
397	407978.00	3777522.87	FENCEGRD	141.15
398	407979.50	3777527.39	FENCEGRD	141.17
399	407659.63	3777176.26	FENCEGRD	130.03
400	407654.83	3777176.23	FENCEGRD	129.95
401	407650.02	3777176.19	FENCEGRD	129.84
402	407645.22	3777176.16	FENCEGRD	129.68
403	407640.42	3777176.13	FENCEGRD	129.70
404	407635.62	3777176.10	FENCEGRD	129.85
405	407630.82	3777176.06	FENCEGRD	129.90
406	407626.02	3777176.03	FENCEGRD	129.94
407	407621.21	3777176.00	FENCEGRD	130.03
408	407616.41	3777175.97	FENCEGRD	130.09
409	407611.61	3777175.94	FENCEGRD	130.06
410	407606.81	3777175.90	FENCEGRD	130.05

411	407602.01	3777175.87	FENCEGRD	130.04
412	407597.20	3777175.84	FENCEGRD	130.01
413	407592.40	3777175.81	FENCEGRD	129.95
414	407587.60	3777175.77	FENCEGRD	129.87
415	407582.80	3777175.74	FENCEGRD	129.80
416	407578.00	3777175.71	FENCEGRD	129.76
417	407573.20	3777175.68	FENCEGRD	129.73
418	407568.39	3777175.65	FENCEGRD	129.70
419	407563.59	3777175.61	FENCEGRD	129.70
420	407558.79	3777175.58	FENCEGRD	129.70
421	407553.99	3777175.55	FENCEGRD	129.79
422	407549.19	3777175.52	FENCEGRD	129.88
423	407664.64	3777078.20	FENCEGRD	128.02
424	407668.98	3777080.15	FENCEGRD	128.08
425	407673.32	3777082.09	FENCEGRD	128.18
426	407677.66	3777084.04	FENCEGRD	128.27
427	407682.00	3777085.99	FENCEGRD	128.29
428	407686.34	3777087.93	FENCEGRD	128.35
429	407690.68	3777089.88	FENCEGRD	128.48
430	407695.02	3777091.82	FENCEGRD	128.54
431	407699.36	3777093.77	FENCEGRD	128.65
432	407703.70	3777095.71	FENCEGRD	128.78
433	407708.04	3777097.66	FENCEGRD	128.84
434	407712.38	3777099.60	FENCEGRD	128.89
435	407716.72	3777101.55	FENCEGRD	128.99
436	407721.06	3777103.49	FENCEGRD	129.08
437	407725.40	3777105.44	FENCEGRD	129.16
438	407729.74	3777107.38	FENCEGRD	129.23
439	407734.08	3777109.33	FENCEGRD	129.32
440	407738.42	3777111.27	FENCEGRD	129.44
441	407742.76	3777113.22	FENCEGRD	129.56
442	407747.10	3777115.16	FENCEGRD	129.57
443	407751.44	3777117.11	FENCEGRD	129.40
444	407755.78	3777119.05	FENCEGRD	129.35
445	407760.12	3777121.00	FENCEGRD	129.50
446	407764.46	3777122.94	FENCEGRD	129.65
447	407768.80	3777124.89	FENCEGRD	129.79
448	407773.14	3777126.83	FENCEGRD	129.93

449	407777.48	3777128.78	FENCEGRD	130.09
450	407781.82	3777130.72	FENCEGRD	130.18
451	407786.16	3777132.67	FENCEGRD	130.22
452	407790.50	3777134.61	FENCEGRD	130.27
453	407794.84	3777136.56	FENCEGRD	130.34
454	407799.18	3777138.50	FENCEGRD	130.42
455	407803.52	3777140.45	FENCEGRD	130.49
456	407807.86	3777142.39	FENCEGRD	130.57
457	407812.20	3777144.34	FENCEGRD	130.66
458	407816.54	3777146.28	FENCEGRD	130.73
459	407820.88	3777148.23	FENCEGRD	130.78
460	407825.22	3777150.18	FENCEGRD	130.84
461	407829.56	3777152.12	FENCEGRD	130.90
462	407833.90	3777154.07	FENCEGRD	130.92
463	407838.24	3777156.01	FENCEGRD	130.91
464	407842.58	3777157.96	FENCEGRD	131.02
465	407846.92	3777159.90	FENCEGRD	131.18
466	407851.26	3777161.85	FENCEGRD	131.35
467	407855.60	3777163.79	FENCEGRD	131.51
468	407859.94	3777165.74	FENCEGRD	131.64
469	407864.28	3777167.68	FENCEGRD	131.78
470	407868.62	3777169.63	FENCEGRD	131.85
471	407872.96	3777171.57	FENCEGRD	131.89
472	407877.30	3777173.52	FENCEGRD	132.00
473	407881.64	3777175.46	FENCEGRD	132.11
474	407885.98	3777177.41	FENCEGRD	132.20
475	407890.32	3777179.35	FENCEGRD	132.27
476	407894.66	3777181.30	FENCEGRD	132.37
477	407899.00	3777183.24	FENCEGRD	132.49
478	407903.34	3777185.19	FENCEGRD	132.54
479	407907.68	3777187.13	FENCEGRD	132.59
480	407912.02	3777189.08	FENCEGRD	132.73
481	407916.36	3777191.02	FENCEGRD	132.88
482	407920.70	3777192.97	FENCEGRD	133.01
483	407925.04	3777194.91	FENCEGRD	133.13
484	407929.38	3777196.86	FENCEGRD	133.18
485	407933.72	3777198.80	FENCEGRD	133.24
486	407938.06	3777200.75	FENCEGRD	133.29

487	407942.40	3777202.69	FENCEGRD	133.35
488	407946.74	3777204.64	FENCEGRD	133.45
489	407951.08	3777206.58	FENCEGRD	133.56
490	407955.42	3777208.53	FENCEGRD	133.64
491	407959.76	3777210.47	FENCEGRD	133.71
492	407964.10	3777212.42	FENCEGRD	133.77
493	407968.44	3777214.36	FENCEGRD	133.82
494	407974.28	3777220.82	FENCEGRD	133.96
495	407975.78	3777225.34	FENCEGRD	134.08
496	407977.27	3777229.85	FENCEGRD	134.20
497	407978.77	3777234.37	FENCEGRD	134.31
498	407980.27	3777238.88	FENCEGRD	134.42
499	407981.76	3777243.40	FENCEGRD	134.52
500	407983.26	3777247.91	FENCEGRD	134.60
501	407984.76	3777252.42	FENCEGRD	134.66
502	407986.25	3777256.94	FENCEGRD	134.73
503	407987.75	3777261.45	FENCEGRD	134.79
504	407989.25	3777265.97	FENCEGRD	134.75
505	407990.74	3777270.48	FENCEGRD	134.71
506	407992.24	3777275.00	FENCEGRD	135.18
507	407993.74	3777279.51	FENCEGRD	135.78
508	407995.23	3777284.02	FENCEGRD	136.12
509	407996.73	3777288.54	FENCEGRD	136.22
510	407998.23	3777293.05	FENCEGRD	136.30
511	407999.73	3777297.57	FENCEGRD	136.34
512	408001.22	3777302.08	FENCEGRD	136.39
513	408002.72	3777306.60	FENCEGRD	136.44
514	408004.22	3777311.11	FENCEGRD	136.49
515	408005.71	3777315.63	FENCEGRD	136.54
516	408007.21	3777320.14	FENCEGRD	136.59
517	408008.71	3777324.65	FENCEGRD	136.64
518	408010.20	3777329.17	FENCEGRD	136.69
519	408011.70	3777333.68	FENCEGRD	136.74
520	408013.20	3777338.20	FENCEGRD	136.80
521	408014.69	3777342.71	FENCEGRD	136.86
522	408016.19	3777347.23	FENCEGRD	136.92
523	408017.69	3777351.74	FENCEGRD	136.98
524	408019.18	3777356.25	FENCEGRD	137.06

525	408020.68	3777360.77	FENCEGRD	137.17
526	408022.18	3777365.28	FENCEGRD	137.23
527	408023.67	3777369.80	FENCEGRD	137.23
528	408025.17	3777374.31	FENCEGRD	137.26
529	408026.67	3777378.83	FENCEGRD	137.33
530	408028.17	3777383.34	FENCEGRD	137.39
531	408029.66	3777387.85	FENCEGRD	137.54
532	408031.16	3777392.37	FENCEGRD	137.76
533	408032.66	3777396.88	FENCEGRD	138.00
534	408034.15	3777401.40	FENCEGRD	138.22
535	408035.65	3777405.91	FENCEGRD	138.40
536	408037.15	3777410.43	FENCEGRD	138.57
537	408038.64	3777414.94	FENCEGRD	138.73
538	408040.14	3777419.45	FENCEGRD	138.93
539	408041.64	3777423.97	FENCEGRD	139.12
540	408043.13	3777428.48	FENCEGRD	139.18
541	408044.63	3777433.00	FENCEGRD	139.20
542	408046.13	3777437.51	FENCEGRD	139.28
543	408047.62	3777442.03	FENCEGRD	139.46
544	408049.12	3777446.54	FENCEGRD	139.58
545	408050.62	3777451.06	FENCEGRD	139.62
546	408052.11	3777455.57	FENCEGRD	139.70
547	408053.61	3777460.08	FENCEGRD	139.84
548	408055.11	3777464.60	FENCEGRD	140.00
549	408056.61	3777469.11	FENCEGRD	140.20
550	408058.10	3777473.63	FENCEGRD	140.38
551	408059.60	3777478.14	FENCEGRD	140.54
552	408061.10	3777482.66	FENCEGRD	140.66
553	408062.59	3777487.17	FENCEGRD	140.78
554	408064.09	3777491.68	FENCEGRD	140.85
555	408065.59	3777496.20	FENCEGRD	140.92
556	408067.08	3777500.71	FENCEGRD	141.05
557	408068.58	3777505.23	FENCEGRD	141.18
558	408070.08	3777509.74	FENCEGRD	141.26
559	408071.57	3777514.26	FENCEGRD	141.31
560	408073.07	3777518.77	FENCEGRD	141.37
561	408074.57	3777523.28	FENCEGRD	141.46
562	408076.06	3777527.80	FENCEGRD	141.58

563	408077.56	3777532.31	FENCEGRD	141.75
564	408079.06	3777536.83	FENCEGRD	141.91
565	407660.30	3777076.26	FENCEGRD	127.94
566	407655.50	3777076.23	FENCEGRD	127.98
567	407650.69	3777076.20	FENCEGRD	128.03
568	407645.89	3777076.16	FENCEGRD	127.82
569	407641.09	3777076.13	FENCEGRD	127.71
570	407636.29	3777076.10	FENCEGRD	127.87
571	407631.49	3777076.07	FENCEGRD	128.05
572	407626.69	3777076.03	FENCEGRD	128.25
573	407621.88	3777076.00	FENCEGRD	128.22
574	407617.08	3777075.97	FENCEGRD	128.10
575	407612.28	3777075.94	FENCEGRD	128.12
576	407607.48	3777075.91	FENCEGRD	128.13
577	407602.68	3777075.87	FENCEGRD	128.10
578	407597.88	3777075.84	FENCEGRD	128.07
579	407593.07	3777075.81	FENCEGRD	128.06
580	407588.27	3777075.78	FENCEGRD	128.06
581	407583.47	3777075.74	FENCEGRD	128.05
582	407578.67	3777075.71	FENCEGRD	128.06
583	407573.87	3777075.68	FENCEGRD	128.07
584	407569.06	3777075.65	FENCEGRD	128.03
585	407564.26	3777075.62	FENCEGRD	128.01
586	407559.46	3777075.58	FENCEGRD	128.00
587	407554.66	3777075.55	FENCEGRD	127.99
588	407549.86	3777075.52	FENCEGRD	127.95
589	407665.30	3776978.21	FENCEGRD	125.98
590	407669.64	3776980.15	FENCEGRD	126.07
591	407673.98	3776982.09	FENCEGRD	126.17
592	407678.32	3776984.04	FENCEGRD	126.33
593	407682.65	3776985.98	FENCEGRD	126.49
594	407686.99	3776987.92	FENCEGRD	126.65
595	407691.33	3776989.87	FENCEGRD	126.82
596	407695.67	3776991.81	FENCEGRD	126.89
597	407700.00	3776993.76	FENCEGRD	126.93
598	407704.34	3776995.70	FENCEGRD	126.97
599	407708.68	3776997.64	FENCEGRD	127.03
600	407713.01	3776999.59	FENCEGRD	127.09

601	407717.35	3777001.53	FENCEGRD	127.14
602	407721.69	3777003.48	FENCEGRD	127.20
603	407726.03	3777005.42	FENCEGRD	127.26
604	407730.36	3777007.36	FENCEGRD	127.31
605	407734.70	3777009.31	FENCEGRD	127.35
606	407739.04	3777011.25	FENCEGRD	127.39
607	407743.37	3777013.20	FENCEGRD	127.42
608	407747.71	3777015.14	FENCEGRD	127.43
609	407752.05	3777017.08	FENCEGRD	127.41
610	407756.39	3777019.03	FENCEGRD	127.22
611	407760.72	3777020.97	FENCEGRD	127.07
612	407765.06	3777022.91	FENCEGRD	127.12
613	407769.40	3777024.86	FENCEGRD	127.20
614	407773.73	3777026.80	FENCEGRD	127.34
615	407778.07	3777028.75	FENCEGRD	127.48
616	407782.41	3777030.69	FENCEGRD	127.62
617	407786.75	3777032.63	FENCEGRD	127.79
618	407791.08	3777034.58	FENCEGRD	127.95
619	407795.42	3777036.52	FENCEGRD	128.11
620	407799.76	3777038.47	FENCEGRD	128.15
621	407804.09	3777040.41	FENCEGRD	128.18
622	407808.43	3777042.35	FENCEGRD	128.27
623	407812.77	3777044.30	FENCEGRD	128.38
624	407817.11	3777046.24	FENCEGRD	128.46
625	407821.44	3777048.18	FENCEGRD	128.52
626	407825.78	3777050.13	FENCEGRD	128.62
627	407830.12	3777052.07	FENCEGRD	128.72
628	407834.46	3777054.02	FENCEGRD	128.81
629	407838.79	3777055.96	FENCEGRD	128.90
630	407843.13	3777057.90	FENCEGRD	128.96
631	407847.47	3777059.85	FENCEGRD	129.08
632	407851.80	3777061.79	FENCEGRD	129.30
633	407856.14	3777063.74	FENCEGRD	129.51
634	407860.48	3777065.68	FENCEGRD	129.63
635	407864.82	3777067.62	FENCEGRD	129.72
636	407869.15	3777069.57	FENCEGRD	129.77
637	407873.49	3777071.51	FENCEGRD	129.83
638	407877.83	3777073.45	FENCEGRD	129.89

639	407882.16	3777075.40	FENCEGRD	129.94
640	407886.50	3777077.34	FENCEGRD	129.95
641	407890.84	3777079.29	FENCEGRD	129.99
642	407895.18	3777081.23	FENCEGRD	130.09
643	407899.51	3777083.17	FENCEGRD	130.15
644	407903.85	3777085.12	FENCEGRD	130.17
645	407908.19	3777087.06	FENCEGRD	130.21
646	407912.52	3777089.01	FENCEGRD	130.31
647	407916.86	3777090.95	FENCEGRD	130.40
648	407921.20	3777092.89	FENCEGRD	130.45
649	407925.54	3777094.84	FENCEGRD	130.49
650	407929.87	3777096.78	FENCEGRD	130.60
651	407934.21	3777098.72	FENCEGRD	130.70
652	407938.55	3777100.67	FENCEGRD	130.78
653	407942.89	3777102.61	FENCEGRD	130.85
654	407947.22	3777104.56	FENCEGRD	130.93
655	407951.56	3777106.50	FENCEGRD	131.01
656	407955.90	3777108.44	FENCEGRD	131.08
657	407960.23	3777110.39	FENCEGRD	131.18
658	407964.57	3777112.33	FENCEGRD	131.28
659	407968.91	3777114.28	FENCEGRD	131.36
660	407973.25	3777116.22	FENCEGRD	131.42
661	407977.58	3777118.16	FENCEGRD	131.48
662	407981.92	3777120.11	FENCEGRD	131.56
663	407986.26	3777122.05	FENCEGRD	131.64
664	407990.59	3777124.00	FENCEGRD	131.71
665	407994.93	3777125.94	FENCEGRD	131.80
666	407999.27	3777127.88	FENCEGRD	131.89
667	408003.61	3777129.83	FENCEGRD	131.97
668	408007.94	3777131.77	FENCEGRD	132.06
669	408012.28	3777133.71	FENCEGRD	132.15
670	408016.62	3777135.66	FENCEGRD	132.23
671	408020.95	3777137.60	FENCEGRD	132.29
672	408025.29	3777139.55	FENCEGRD	132.35
673	408029.63	3777141.49	FENCEGRD	132.42
674	408033.97	3777143.43	FENCEGRD	132.51
675	408038.30	3777145.38	FENCEGRD	132.64
676	408042.64	3777147.32	FENCEGRD	132.80

677	408048.47	3777153.78	FENCEGRD	133.04
678	408049.97	3777158.29	FENCEGRD	133.16
679	408051.47	3777162.80	FENCEGRD	133.24
680	408052.96	3777167.31	FENCEGRD	133.36
681	408054.46	3777171.82	FENCEGRD	133.53
682	408055.95	3777176.33	FENCEGRD	133.72
683	408057.45	3777180.84	FENCEGRD	133.84
684	408058.94	3777185.36	FENCEGRD	133.90
685	408060.44	3777189.87	FENCEGRD	133.97
686	408061.94	3777194.38	FENCEGRD	134.03
687	408063.43	3777198.89	FENCEGRD	134.04
688	408064.93	3777203.40	FENCEGRD	134.08
689	408066.42	3777207.91	FENCEGRD	134.14
690	408067.92	3777212.42	FENCEGRD	134.33
691	408069.42	3777216.94	FENCEGRD	134.55
692	408070.91	3777221.45	FENCEGRD	134.76
693	408072.41	3777225.96	FENCEGRD	134.96
694	408073.90	3777230.47	FENCEGRD	135.17
695	408075.40	3777234.98	FENCEGRD	135.37
696	408076.89	3777239.49	FENCEGRD	135.57
697	408078.39	3777244.00	FENCEGRD	135.66
698	408079.89	3777248.51	FENCEGRD	135.74
699	408081.38	3777253.03	FENCEGRD	135.66
700	408082.88	3777257.54	FENCEGRD	135.53
701	408084.37	3777262.05	FENCEGRD	135.43
702	408085.87	3777266.56	FENCEGRD	135.40
703	408087.37	3777271.07	FENCEGRD	135.42
704	408088.86	3777275.58	FENCEGRD	135.82
705	408090.36	3777280.09	FENCEGRD	136.21
706	408091.85	3777284.61	FENCEGRD	136.46
707	408093.35	3777289.12	FENCEGRD	136.71
708	408094.85	3777293.63	FENCEGRD	136.89
709	408096.34	3777298.14	FENCEGRD	137.00
710	408097.84	3777302.65	FENCEGRD	137.13
711	408099.33	3777307.16	FENCEGRD	137.26
712	408100.83	3777311.67	FENCEGRD	137.38
713	408102.32	3777316.19	FENCEGRD	137.48
714	408103.82	3777320.70	FENCEGRD	137.57

715	408105.32	3777325.21	FENCEGRD	137.73
716	408106.81	3777329.72	FENCEGRD	137.92
717	408108.31	3777334.23	FENCEGRD	138.06
718	408109.80	3777338.74	FENCEGRD	138.18
719	408111.30	3777343.25	FENCEGRD	138.32
720	408112.80	3777347.76	FENCEGRD	138.52
721	408114.29	3777352.28	FENCEGRD	138.79
722	408115.79	3777356.79	FENCEGRD	138.83
723	408117.28	3777361.30	FENCEGRD	138.86
724	408118.78	3777365.81	FENCEGRD	138.90
725	408120.27	3777370.32	FENCEGRD	138.94
726	408121.77	3777374.83	FENCEGRD	138.94
727	408123.27	3777379.34	FENCEGRD	138.90
728	408124.76	3777383.86	FENCEGRD	138.90
729	408126.26	3777388.37	FENCEGRD	139.14
730	408127.75	3777392.88	FENCEGRD	139.39
731	408129.25	3777397.39	FENCEGRD	139.55
732	408130.75	3777401.90	FENCEGRD	139.74
733	408132.24	3777406.41	FENCEGRD	139.88
734	408133.74	3777410.92	FENCEGRD	139.92
735	408135.23	3777415.43	FENCEGRD	139.95
736	408136.73	3777419.95	FENCEGRD	139.98
737	408138.22	3777424.46	FENCEGRD	140.01
738	408139.72	3777428.97	FENCEGRD	139.99
739	408141.22	3777433.48	FENCEGRD	139.97
740	408142.71	3777437.99	FENCEGRD	140.47
741	408144.21	3777442.50	FENCEGRD	141.08
742	408145.70	3777447.01	FENCEGRD	141.35
743	408147.20	3777451.53	FENCEGRD	141.35
744	408148.70	3777456.04	FENCEGRD	141.35
745	408150.19	3777460.55	FENCEGRD	141.34
746	408151.69	3777465.06	FENCEGRD	141.34
747	408153.18	3777469.57	FENCEGRD	141.35
748	408154.68	3777474.08	FENCEGRD	141.37
749	408156.18	3777478.59	FENCEGRD	141.42
750	408157.67	3777483.10	FENCEGRD	141.45
751	408159.17	3777487.62	FENCEGRD	141.48
752	408160.66	3777492.13	FENCEGRD	141.54

753	408162.16	3777496.64	FENCEGRD	141.65
754	408163.65	3777501.15	FENCEGRD	141.94
755	408165.15	3777505.66	FENCEGRD	142.21
756	408166.65	3777510.17	FENCEGRD	142.28
757	408168.14	3777514.68	FENCEGRD	142.36
758	408169.64	3777519.20	FENCEGRD	142.43
759	408171.13	3777523.71	FENCEGRD	142.50
760	408172.63	3777528.22	FENCEGRD	142.57
761	408174.13	3777532.73	FENCEGRD	142.64
762	408175.62	3777537.24	FENCEGRD	142.70
763	408177.12	3777541.75	FENCEGRD	142.89
764	408178.61	3777546.26	FENCEGRD	143.03
765	407660.97	3776976.26	FENCEGRD	125.94
766	407656.17	3776976.23	FENCEGRD	125.95
767	407651.36	3776976.20	FENCEGRD	125.92
768	407646.56	3776976.17	FENCEGRD	125.93
769	407641.76	3776976.13	FENCEGRD	125.96
770	407636.96	3776976.10	FENCEGRD	125.85
771	407632.16	3776976.07	FENCEGRD	125.77
772	407627.36	3776976.04	FENCEGRD	125.87
773	407622.55	3776976.00	FENCEGRD	125.92
774	407617.75	3776975.97	FENCEGRD	125.92
775	407612.95	3776975.94	FENCEGRD	125.89
776	407608.15	3776975.91	FENCEGRD	125.84
777	407603.35	3776975.88	FENCEGRD	125.83
778	407598.55	3776975.84	FENCEGRD	125.83
779	407593.74	3776975.81	FENCEGRD	125.82
780	407588.94	3776975.78	FENCEGRD	125.82
781	407584.14	3776975.75	FENCEGRD	125.83
782	407579.34	3776975.71	FENCEGRD	125.83
783	407574.54	3776975.68	FENCEGRD	125.82
784	407569.73	3776975.65	FENCEGRD	125.81
785	407564.93	3776975.62	FENCEGRD	125.79
786	407560.13	3776975.59	FENCEGRD	125.77
787	407555.33	3776975.55	FENCEGRD	125.75
788	407550.53	3776975.52	FENCEGRD	125.78
789	407542.04	3777499.94	FENCEGRD	136.14
790	407541.05	3777508.55	FENCEGRD	136.34

791	407540.05	3777517.16	FENCEGRD	136.55
792	407539.05	3777525.77	FENCEGRD	136.73
793	407538.73	3777496.19	FENCEGRD	136.01
794	407536.58	3777503.67	FENCEGRD	136.16
795	407535.58	3777512.28	FENCEGRD	136.38
796	407534.58	3777520.89	FENCEGRD	136.62
797	407533.76	3777495.62	FENCEGRD	135.98
798	407540.42	3777488.02	FENCEGRD	135.87
799	407531.61	3777503.09	FENCEGRD	136.20
800	407531.11	3777507.40	FENCEGRD	136.34
801	407530.12	3777516.01	FENCEGRD	136.61
802	407529.12	3777524.62	FENCEGRD	136.89
803	407528.80	3777495.04	FENCEGRD	136.02
804	407532.10	3777488.70	FENCEGRD	135.88
805	407537.10	3777484.28	FENCEGRD	135.85
806	407526.64	3777502.52	FENCEGRD	136.26
807	407525.65	3777511.13	FENCEGRD	136.54
808	407524.65	3777519.74	FENCEGRD	136.79
809	407523.83	3777494.47	FENCEGRD	135.99
810	407527.14	3777488.13	FENCEGRD	135.89
811	407533.79	3777480.53	FENCEGRD	135.84
812	407540.48	3777478.02	FENCEGRD	135.68
813	407521.68	3777501.94	FENCEGRD	136.17
814	407520.68	3777510.55	FENCEGRD	136.52
815	407519.68	3777519.16	FENCEGRD	136.78
816	407424.81	3777482.36	FENCEGRD	134.50
817	407428.74	3777474.82	FENCEGRD	134.50
818	407432.68	3777467.27	FENCEGRD	134.50
819	407436.62	3777459.72	FENCEGRD	134.41
820	407440.55	3777452.18	FENCEGRD	134.43
821	407444.49	3777444.63	FENCEGRD	134.05
822	407448.43	3777437.09	FENCEGRD	133.80
823	407452.36	3777429.54	FENCEGRD	133.74
824	407456.30	3777421.99	FENCEGRD	133.63
825	407460.24	3777414.45	FENCEGRD	133.63
826	407468.16	3777405.41	FENCEGRD	133.73
827	407476.13	3777402.42	FENCEGRD	133.65
828	407484.09	3777399.43	FENCEGRD	133.66

829	407492.06	3777396.44	FENCEGRD	133.76
830	407500.03	3777393.45	FENCEGRD	133.83
831	407508.00	3777390.46	FENCEGRD	133.88
832	407515.97	3777387.47	FENCEGRD	133.84
833	407523.94	3777384.48	FENCEGRD	133.82
834	407531.91	3777381.49	FENCEGRD	133.80
835	407539.88	3777378.50	FENCEGRD	133.80
836	407422.34	3777490.44	FENCEGRD	134.64
837	407421.34	3777499.05	FENCEGRD	134.79
838	407420.35	3777507.66	FENCEGRD	135.06
839	407325.46	3777470.88	FENCEGRD	133.37
840	407329.38	3777463.38	FENCEGRD	133.22
841	407333.29	3777455.87	FENCEGRD	133.18
842	407337.21	3777448.36	FENCEGRD	133.24
843	407341.12	3777440.86	FENCEGRD	133.38
844	407345.04	3777433.35	FENCEGRD	133.59
845	407348.95	3777425.84	FENCEGRD	133.44
846	407352.87	3777418.34	FENCEGRD	133.17
847	407356.79	3777410.83	FENCEGRD	133.30
848	407360.70	3777403.32	FENCEGRD	133.27
849	407364.62	3777395.82	FENCEGRD	133.13
850	407368.53	3777388.31	FENCEGRD	132.76
851	407372.45	3777380.80	FENCEGRD	132.16
852	407376.36	3777373.30	FENCEGRD	131.96
853	407380.28	3777365.79	FENCEGRD	131.69
854	407384.20	3777358.29	FENCEGRD	131.66
855	407388.11	3777350.78	FENCEGRD	131.63
856	407392.03	3777343.27	FENCEGRD	131.78
857	407395.94	3777335.77	FENCEGRD	131.70
858	407401.86	3777330.53	FENCEGRD	131.61
859	407409.79	3777327.55	FENCEGRD	131.57
860	407417.72	3777324.58	FENCEGRD	131.61
861	407425.65	3777321.60	FENCEGRD	131.65
862	407433.57	3777318.63	FENCEGRD	131.68
863	407441.50	3777315.66	FENCEGRD	131.56
864	407449.43	3777312.68	FENCEGRD	131.34
865	407457.36	3777309.71	FENCEGRD	131.34
866	407465.28	3777306.74	FENCEGRD	131.77

867	407473.21	3777303.76	FENCEGRD	131.87
868	407481.14	3777300.79	FENCEGRD	131.99
869	407489.06	3777297.82	FENCEGRD	132.00
870	407496.99	3777294.84	FENCEGRD	131.95
871	407504.92	3777291.87	FENCEGRD	131.76
872	407512.85	3777288.90	FENCEGRD	131.72
873	407520.77	3777285.92	FENCEGRD	131.58
874	407528.70	3777282.95	FENCEGRD	131.37
875	407536.63	3777279.98	FENCEGRD	131.30
876	407323.00	3777478.94	FENCEGRD	133.53
877	407322.01	3777487.55	FENCEGRD	133.72
878	407321.01	3777496.16	FENCEGRD	133.89
879	407226.16	3777459.32	FENCEGRD	132.98
880	407230.14	3777451.69	FENCEGRD	132.56
881	407234.12	3777444.06	FENCEGRD	130.24
882	407238.10	3777436.43	FENCEGRD	130.37
883	407242.08	3777428.80	FENCEGRD	130.99
884	407246.06	3777421.17	FENCEGRD	131.23
885	407250.04	3777413.54	FENCEGRD	131.30
886	407254.02	3777405.91	FENCEGRD	131.35
887	407258.00	3777398.28	FENCEGRD	131.22
888	407261.98	3777390.65	FENCEGRD	131.02
889	407265.96	3777383.02	FENCEGRD	130.91
890	407269.94	3777375.39	FENCEGRD	130.60
891	407273.92	3777367.76	FENCEGRD	130.22
892	407277.90	3777360.13	FENCEGRD	129.37
893	407281.88	3777352.50	FENCEGRD	129.85
894	407285.86	3777344.87	FENCEGRD	130.10
895	407289.84	3777337.24	FENCEGRD	130.40
896	407293.82	3777329.61	FENCEGRD	130.28
897	407297.80	3777321.98	FENCEGRD	130.31
898	407301.78	3777314.35	FENCEGRD	130.35
899	407305.76	3777306.72	FENCEGRD	130.41
900	407309.74	3777299.09	FENCEGRD	130.45
901	407313.72	3777291.46	FENCEGRD	130.18
902	407317.70	3777283.83	FENCEGRD	129.97
903	407321.68	3777276.20	FENCEGRD	129.94
904	407325.66	3777268.57	FENCEGRD	129.81

905	407329.64	3777260.94	FENCEGRD	129.79
906	407335.66	3777255.61	FENCEGRD	129.56
907	407343.72	3777252.59	FENCEGRD	129.73
908	407351.77	3777249.57	FENCEGRD	129.93
909	407359.83	3777246.55	FENCEGRD	129.94
910	407367.89	3777243.52	FENCEGRD	130.01
911	407375.95	3777240.50	FENCEGRD	130.00
912	407384.01	3777237.48	FENCEGRD	130.02
913	407392.06	3777234.46	FENCEGRD	130.12
914	407400.12	3777231.43	FENCEGRD	130.13
915	407408.18	3777228.41	FENCEGRD	130.05
916	407416.24	3777225.39	FENCEGRD	130.07
917	407424.29	3777222.37	FENCEGRD	130.10
918	407432.35	3777219.34	FENCEGRD	129.98
919	407440.41	3777216.32	FENCEGRD	129.66
920	407448.47	3777213.30	FENCEGRD	129.66
921	407456.52	3777210.28	FENCEGRD	129.91
922	407464.58	3777207.25	FENCEGRD	129.96
923	407472.64	3777204.23	FENCEGRD	129.96
924	407480.70	3777201.21	FENCEGRD	129.98
925	407488.76	3777198.19	FENCEGRD	129.89
926	407496.81	3777195.16	FENCEGRD	130.07
927	407504.87	3777192.14	FENCEGRD	129.91
928	407512.93	3777189.12	FENCEGRD	129.72
929	407520.99	3777186.10	FENCEGRD	129.56
930	407529.04	3777183.07	FENCEGRD	129.51
931	407537.10	3777180.05	FENCEGRD	129.62
932	407223.67	3777467.44	FENCEGRD	132.99
933	407222.67	3777476.05	FENCEGRD	132.54
934	407221.67	3777484.66	FENCEGRD	132.58
935	407126.81	3777447.85	FENCEGRD	131.19
936	407130.77	3777440.26	FENCEGRD	131.20
937	407134.73	3777432.67	FENCEGRD	131.20
938	407138.68	3777425.08	FENCEGRD	131.11
939	407142.64	3777417.49	FENCEGRD	131.04
940	407146.60	3777409.90	FENCEGRD	131.09
941	407150.56	3777402.31	FENCEGRD	130.99
942	407154.52	3777394.72	FENCEGRD	130.95

943	407158.48	3777387.13	FENCEGRD	130.90
944	407162.44	3777379.55	FENCEGRD	130.69
945	407166.39	3777371.96	FENCEGRD	130.46
946	407170.35	3777364.37	FENCEGRD	130.44
947	407174.31	3777356.78	FENCEGRD	130.34
948	407178.27	3777349.19	FENCEGRD	130.22
949	407182.23	3777341.60	FENCEGRD	130.16
950	407186.19	3777334.01	FENCEGRD	130.06
951	407190.15	3777326.42	FENCEGRD	129.96
952	407194.10	3777318.84	FENCEGRD	129.87
953	407198.06	3777311.25	FENCEGRD	129.81
954	407202.02	3777303.66	FENCEGRD	129.80
955	407205.98	3777296.07	FENCEGRD	129.76
956	407209.94	3777288.48	FENCEGRD	129.61
957	407213.90	3777280.89	FENCEGRD	129.51
958	407217.86	3777273.30	FENCEGRD	129.46
959	407221.82	3777265.71	FENCEGRD	129.45
960	407225.77	3777258.12	FENCEGRD	129.45
961	407229.73	3777250.54	FENCEGRD	129.23
962	407233.69	3777242.95	FENCEGRD	128.97
963	407237.65	3777235.36	FENCEGRD	128.70
964	407241.61	3777227.77	FENCEGRD	128.44
965	407245.57	3777220.18	FENCEGRD	128.38
966	407249.53	3777212.59	FENCEGRD	128.30
967	407253.48	3777205.00	FENCEGRD	128.24
968	407257.44	3777197.41	FENCEGRD	128.19
969	407261.40	3777189.82	FENCEGRD	128.22
970	407269.37	3777180.73	FENCEGRD	128.30
971	407277.38	3777177.73	FENCEGRD	128.18
972	407285.40	3777174.72	FENCEGRD	127.84
973	407293.41	3777171.71	FENCEGRD	128.11
974	407301.42	3777168.71	FENCEGRD	128.14
975	407309.44	3777165.70	FENCEGRD	128.14
976	407317.45	3777162.70	FENCEGRD	128.12
977	407325.47	3777159.69	FENCEGRD	128.10
978	407333.48	3777156.68	FENCEGRD	128.01
979	407341.49	3777153.68	FENCEGRD	128.01
980	407349.51	3777150.67	FENCEGRD	128.06

981	407357.52	3777147.67	FENCEGRD	128.13
982	407365.54	3777144.66	FENCEGRD	128.27
983	407373.55	3777141.65	FENCEGRD	128.35
984	407381.56	3777138.65	FENCEGRD	128.30
985	407389.58	3777135.64	FENCEGRD	128.27
986	407397.59	3777132.64	FENCEGRD	128.28
987	407405.61	3777129.63	FENCEGRD	128.20
988	407413.62	3777126.62	FENCEGRD	128.07
989	407421.63	3777123.62	FENCEGRD	128.00
990	407429.65	3777120.61	FENCEGRD	127.95
991	407437.66	3777117.60	FENCEGRD	127.79
992	407445.68	3777114.60	FENCEGRD	127.75
993	407453.69	3777111.59	FENCEGRD	127.96
994	407461.70	3777108.59	FENCEGRD	128.04
995	407469.72	3777105.58	FENCEGRD	128.10
996	407477.73	3777102.57	FENCEGRD	128.12
997	407485.75	3777099.57	FENCEGRD	128.11
998	407493.76	3777096.56	FENCEGRD	128.04
999	407501.77	3777093.56	FENCEGRD	128.00
1,000	407509.79	3777090.55	FENCEGRD	127.98
1,001	407517.80	3777087.54	FENCEGRD	127.94
1,002	407525.82	3777084.54	FENCEGRD	127.91
1,003	407533.83	3777081.53	FENCEGRD	127.88
1,004	407541.84	3777078.53	FENCEGRD	127.90
1,005	407124.33	3777455.94	FENCEGRD	131.24
1,006	407123.33	3777464.55	FENCEGRD	131.28
1,007	407122.34	3777473.16	FENCEGRD	131.40
1,008	407027.49	3777436.32	FENCEGRD	131.65
1,009	407031.48	3777428.67	FENCEGRD	131.56
1,010	407035.47	3777421.01	FENCEGRD	131.57
1,011	407039.46	3777413.36	FENCEGRD	131.79
1,012	407043.45	3777405.71	FENCEGRD	130.93
1,013	407047.44	3777398.06	FENCEGRD	130.04
1,014	407051.43	3777390.41	FENCEGRD	129.93
1,015	407055.42	3777382.76	FENCEGRD	129.76
1,016	407059.41	3777375.11	FENCEGRD	130.58
1,017	407063.40	3777367.46	FENCEGRD	130.98
1,018	407067.40	3777359.81	FENCEGRD	130.89

1,019	407071.39	3777352.16	FENCEGRD	130.69
1,020	407075.38	3777344.51	FENCEGRD	130.67
1,021	407079.37	3777336.86	FENCEGRD	130.74
1,022	407083.36	3777329.21	FENCEGRD	130.80
1,023	407087.35	3777321.56	FENCEGRD	130.76
1,024	407091.34	3777313.91	FENCEGRD	130.64
1,025	407095.33	3777306.26	FENCEGRD	130.56
1,026	407099.32	3777298.61	FENCEGRD	130.45
1,027	407103.31	3777290.96	FENCEGRD	130.15
1,028	407107.30	3777283.31	FENCEGRD	129.72
1,029	407111.29	3777275.66	FENCEGRD	129.64
1,030	407115.28	3777268.01	FENCEGRD	129.65
1,031	407119.27	3777260.36	FENCEGRD	129.60
1,032	407123.27	3777252.71	FENCEGRD	129.32
1,033	407127.26	3777245.06	FENCEGRD	128.57
1,034	407131.25	3777237.40	FENCEGRD	127.52
1,035	407135.24	3777229.75	FENCEGRD	127.31
1,036	407139.23	3777222.10	FENCEGRD	127.15
1,037	407143.22	3777214.45	FENCEGRD	127.10
1,038	407147.21	3777206.80	FENCEGRD	127.09
1,039	407151.20	3777199.15	FENCEGRD	127.56
1,040	407155.19	3777191.50	FENCEGRD	127.30
1,041	407159.18	3777183.85	FENCEGRD	127.03
1,042	407163.17	3777176.20	FENCEGRD	127.78
1,043	407167.16	3777168.55	FENCEGRD	128.52
1,044	407171.15	3777160.90	FENCEGRD	128.30
1,045	407175.15	3777153.25	FENCEGRD	128.00
1,046	407179.14	3777145.60	FENCEGRD	128.04
1,047	407183.13	3777137.95	FENCEGRD	128.21
1,048	407187.12	3777130.30	FENCEGRD	128.20
1,049	407191.11	3777122.65	FENCEGRD	128.04
1,050	407195.10	3777115.00	FENCEGRD	127.63
1,051	407203.13	3777105.83	FENCEGRD	127.45
1,052	407211.21	3777102.80	FENCEGRD	127.48
1,053	407219.29	3777099.77	FENCEGRD	127.66
1,054	407227.37	3777096.74	FENCEGRD	127.83
1,055	407235.45	3777093.71	FENCEGRD	127.85
1,056	407243.52	3777090.68	FENCEGRD	127.79

1,057	407251.60	3777087.65	FENCEGRD	127.12
1,058	407259.68	3777084.62	FENCEGRD	125.68
1,059	407267.76	3777081.59	FENCEGRD	123.21
1,060	407275.84	3777078.56	FENCEGRD	124.96
1,061	407283.92	3777075.53	FENCEGRD	126.91
1,062	407292.00	3777072.50	FENCEGRD	127.12
1,063	407300.08	3777069.47	FENCEGRD	126.96
1,064	407308.16	3777066.44	FENCEGRD	126.83
1,065	407316.24	3777063.41	FENCEGRD	126.74
1,066	407324.31	3777060.38	FENCEGRD	126.63
1,067	407332.39	3777057.34	FENCEGRD	126.51
1,068	407340.47	3777054.31	FENCEGRD	126.53
1,069	407348.55	3777051.28	FENCEGRD	126.45
1,070	407356.63	3777048.25	FENCEGRD	126.40
1,071	407364.71	3777045.22	FENCEGRD	126.39
1,072	407372.79	3777042.19	FENCEGRD	126.40
1,073	407380.87	3777039.16	FENCEGRD	126.39
1,074	407388.95	3777036.13	FENCEGRD	126.40
1,075	407397.03	3777033.10	FENCEGRD	126.41
1,076	407405.10	3777030.07	FENCEGRD	126.50
1,077	407413.18	3777027.04	FENCEGRD	126.44
1,078	407421.26	3777024.01	FENCEGRD	126.34
1,079	407429.34	3777020.98	FENCEGRD	126.22
1,080	407437.42	3777017.95	FENCEGRD	126.08
1,081	407445.50	3777014.92	FENCEGRD	126.05
1,082	407453.58	3777011.89	FENCEGRD	126.12
1,083	407461.66	3777008.86	FENCEGRD	126.07
1,084	407469.74	3777005.83	FENCEGRD	126.00
1,085	407477.82	3777002.80	FENCEGRD	125.96
1,086	407485.90	3776999.77	FENCEGRD	125.91
1,087	407493.97	3776996.74	FENCEGRD	125.92
1,088	407502.05	3776993.70	FENCEGRD	125.90
1,089	407510.13	3776990.67	FENCEGRD	125.95
1,090	407518.21	3776987.64	FENCEGRD	125.96
1,091	407526.29	3776984.61	FENCEGRD	125.97
1,092	407534.37	3776981.58	FENCEGRD	125.97
1,093	407542.45	3776978.55	FENCEGRD	125.93
1,094	407024.99	3777444.45	FENCEGRD	131.63

1,095	407024.00	3777453.06	FENCEGRD	131.97
1,096	407023.00	3777461.67	FENCEGRD	132.01
1,097	407539.02	3777531.11	FENCEGRD	136.84
1,098	407539.02	3777535.89	FENCEGRD	136.95
1,099	407539.02	3777540.66	FENCEGRD	137.07
1,100	407539.02	3777545.43	FENCEGRD	137.18
1,101	407539.02	3777550.20	FENCEGRD	137.29
1,102	407539.02	3777554.98	FENCEGRD	137.41
1,103	407539.02	3777559.75	FENCEGRD	137.51
1,104	407539.02	3777564.52	FENCEGRD	137.61
1,105	407534.02	3777526.34	FENCEGRD	136.77
1,106	407534.02	3777531.11	FENCEGRD	136.88
1,107	407534.02	3777535.89	FENCEGRD	136.99
1,108	407534.02	3777540.66	FENCEGRD	137.10
1,109	407534.02	3777545.43	FENCEGRD	137.22
1,110	407534.02	3777550.20	FENCEGRD	137.36
1,111	407534.02	3777554.98	FENCEGRD	137.49
1,112	407534.02	3777559.75	FENCEGRD	137.58
1,113	407534.02	3777564.52	FENCEGRD	137.67
1,114	407529.02	3777531.11	FENCEGRD	137.11
1,115	407529.02	3777535.89	FENCEGRD	137.22
1,116	407529.02	3777540.66	FENCEGRD	137.30
1,117	407529.02	3777545.43	FENCEGRD	137.44
1,118	407529.02	3777550.20	FENCEGRD	137.62
1,119	407529.02	3777554.98	FENCEGRD	137.76
1,120	407529.02	3777559.75	FENCEGRD	137.83
1,121	407529.02	3777564.52	FENCEGRD	137.86
1,122	407524.02	3777526.34	FENCEGRD	137.00
1,123	407524.02	3777531.11	FENCEGRD	137.16
1,124	407524.02	3777535.89	FENCEGRD	137.27
1,125	407524.02	3777540.66	FENCEGRD	137.35
1,126	407524.02	3777545.43	FENCEGRD	137.47
1,127	407524.02	3777550.20	FENCEGRD	137.63
1,128	407524.02	3777554.98	FENCEGRD	137.75
1,129	407524.02	3777559.75	FENCEGRD	137.81
1,130	407524.02	3777564.52	FENCEGRD	137.83
1,131	407519.02	3777526.34	FENCEGRD	136.99
1,132	407519.02	3777531.11	FENCEGRD	137.13

1,133	407519.02	3777535.89	FENCEGRD	137.24
1,134	407519.02	3777540.66	FENCEGRD	137.33
1,135	407519.02	3777545.43	FENCEGRD	137.43
1,136	407519.02	3777550.20	FENCEGRD	137.54
1,137	407519.02	3777554.98	FENCEGRD	137.63
1,138	407519.02	3777559.75	FENCEGRD	137.68
1,139	407519.02	3777564.52	FENCEGRD	137.71
1,140	407419.23	3777522.75	FENCEGRD	135.49
1,141	407419.64	3777515.56	FENCEGRD	135.34
1,142	407419.02	3777531.11	FENCEGRD	135.71
1,143	407419.02	3777535.89	FENCEGRD	135.83
1,144	407419.02	3777540.66	FENCEGRD	135.93
1,145	407419.02	3777545.43	FENCEGRD	136.02
1,146	407419.02	3777550.20	FENCEGRD	136.07
1,147	407419.02	3777554.98	FENCEGRD	136.12
1,148	407419.02	3777559.75	FENCEGRD	136.15
1,149	407419.02	3777564.52	FENCEGRD	136.18
1,150	407319.27	3777522.03	FENCEGRD	134.34
1,151	407319.77	3777513.40	FENCEGRD	134.21
1,152	407320.01	3777509.09	FENCEGRD	134.13
1,153	407319.02	3777531.11	FENCEGRD	134.49
1,154	407319.02	3777535.89	FENCEGRD	134.57
1,155	407319.02	3777540.66	FENCEGRD	134.66
1,156	407319.02	3777545.43	FENCEGRD	134.75
1,157	407319.02	3777550.20	FENCEGRD	134.81
1,158	407319.02	3777554.98	FENCEGRD	134.88
1,159	407319.02	3777559.75	FENCEGRD	134.98
1,160	407319.02	3777564.52	FENCEGRD	135.09
1,161	407219.29	3777521.67	FENCEGRD	133.51
1,162	407219.56	3777517.00	FENCEGRD	133.43
1,163	407219.83	3777512.33	FENCEGRD	133.33
1,164	407220.10	3777507.65	FENCEGRD	133.21
1,165	407220.37	3777502.98	FENCEGRD	133.07
1,166	407220.64	3777498.31	FENCEGRD	132.90
1,167	407220.91	3777493.64	FENCEGRD	132.75
1,168	407219.02	3777526.34	FENCEGRD	133.58
1,169	407219.02	3777531.11	FENCEGRD	133.64
1,170	407219.02	3777535.89	FENCEGRD	133.70

1,171	407219.02	3777540.66	FENCEGRD	133.74
1,172	407219.02	3777545.43	FENCEGRD	133.77
1,173	407219.02	3777550.20	FENCEGRD	133.98
1,174	407219.02	3777554.98	FENCEGRD	134.20
1,175	407219.02	3777559.75	FENCEGRD	134.25
1,176	407219.02	3777564.52	FENCEGRD	134.23
1,177	407119.28	3777521.90	FENCEGRD	132.99
1,178	407119.53	3777517.45	FENCEGRD	132.83
1,179	407119.79	3777513.01	FENCEGRD	132.64
1,180	407120.05	3777508.57	FENCEGRD	132.44
1,181	407120.56	3777499.68	FENCEGRD	133.23
1,182	407120.81	3777495.24	FENCEGRD	133.77
1,183	407121.07	3777490.80	FENCEGRD	132.83
1,184	407121.33	3777486.36	FENCEGRD	131.92
1,185	407119.02	3777531.11	FENCEGRD	133.12
1,186	407119.02	3777535.89	FENCEGRD	133.09
1,187	407119.02	3777540.66	FENCEGRD	133.21
1,188	407119.02	3777545.43	FENCEGRD	133.35
1,189	407119.02	3777550.20	FENCEGRD	133.41
1,190	407119.02	3777554.98	FENCEGRD	133.42
1,191	407119.02	3777559.75	FENCEGRD	133.46
1,192	407119.02	3777564.52	FENCEGRD	133.50
1,193	407019.29	3777521.70	FENCEGRD	132.78
1,194	407019.56	3777517.05	FENCEGRD	131.64
1,195	407019.82	3777512.41	FENCEGRD	131.68
1,196	407020.09	3777507.76	FENCEGRD	131.73
1,197	407020.36	3777503.12	FENCEGRD	131.72
1,198	407020.63	3777498.48	FENCEGRD	131.70
1,199	407020.90	3777493.83	FENCEGRD	131.70
1,200	407021.16	3777489.19	FENCEGRD	131.69
1,201	407021.43	3777484.55	FENCEGRD	131.71
1,202	407021.70	3777479.90	FENCEGRD	131.77
1,203	407021.97	3777475.26	FENCEGRD	131.84
1,204	407022.23	3777470.61	FENCEGRD	131.90
1,205	407019.02	3777526.34	FENCEGRD	133.93
1,206	407019.02	3777531.11	FENCEGRD	133.60
1,207	407019.02	3777535.89	FENCEGRD	132.84
1,208	407019.02	3777540.66	FENCEGRD	132.38

1,209	407019.02	3777545.43	FENCEGRD	132.08
1,210	407019.02	3777550.20	FENCEGRD	131.95
1,211	407019.02	3777554.98	FENCEGRD	132.02
1,212	407019.02	3777559.75	FENCEGRD	131.98
1,213	407019.02	3777564.52	FENCEGRD	131.72
1,214	407543.63	3777569.50	FENCEGRD	137.71
1,215	407548.43	3777569.88	FENCEGRD	137.77
1,216	407553.23	3777570.25	FENCEGRD	137.84
1,217	407558.03	3777570.63	FENCEGRD	137.84
1,218	407562.83	3777571.00	FENCEGRD	137.84
1,219	407567.62	3777571.38	FENCEGRD	137.83
1,220	407572.42	3777571.75	FENCEGRD	137.83
1,221	407577.22	3777572.12	FENCEGRD	137.84
1,222	407582.02	3777572.50	FENCEGRD	137.84
1,223	407586.82	3777572.87	FENCEGRD	137.84
1,224	407591.62	3777573.25	FENCEGRD	137.86
1,225	407596.42	3777573.62	FENCEGRD	137.89
1,226	407601.22	3777573.99	FENCEGRD	137.90
1,227	407606.01	3777574.37	FENCEGRD	137.94
1,228	407610.81	3777574.74	FENCEGRD	138.03
1,229	407615.61	3777575.12	FENCEGRD	138.09
1,230	407620.41	3777575.49	FENCEGRD	138.13
1,231	407625.21	3777575.86	FENCEGRD	138.18
1,232	407630.01	3777576.24	FENCEGRD	138.23
1,233	407634.81	3777576.61	FENCEGRD	138.29
1,234	407639.60	3777576.99	FENCEGRD	138.34
1,235	407644.40	3777577.36	FENCEGRD	138.33
1,236	407649.20	3777577.73	FENCEGRD	138.36
1,237	407539.96	3777572.90	FENCEGRD	137.73
1,238	407548.04	3777574.86	FENCEGRD	137.84
1,239	407552.84	3777575.24	FENCEGRD	137.89
1,240	407557.64	3777575.61	FENCEGRD	137.89
1,241	407562.44	3777575.99	FENCEGRD	137.89
1,242	407567.24	3777576.36	FENCEGRD	137.90
1,243	407572.03	3777576.73	FENCEGRD	137.90
1,244	407576.83	3777577.11	FENCEGRD	137.91
1,245	407581.63	3777577.48	FENCEGRD	137.91
1,246	407586.43	3777577.86	FENCEGRD	137.93

1,247	407591.23	3777578.23	FENCEGRD	137.95
1,248	407596.03	3777578.60	FENCEGRD	137.99
1,249	407600.83	3777578.98	FENCEGRD	138.02
1,250	407605.63	3777579.35	FENCEGRD	138.06
1,251	407610.42	3777579.73	FENCEGRD	138.10
1,252	407615.22	3777580.10	FENCEGRD	138.13
1,253	407620.02	3777580.48	FENCEGRD	138.15
1,254	407624.82	3777580.85	FENCEGRD	138.17
1,255	407629.62	3777581.22	FENCEGRD	138.20
1,256	407634.42	3777581.60	FENCEGRD	138.25
1,257	407639.22	3777581.97	FENCEGRD	138.29
1,258	407644.01	3777582.35	FENCEGRD	138.33
1,259	407648.81	3777582.72	FENCEGRD	138.38
1,260	407539.57	3777577.89	FENCEGRD	137.94
1,261	407531.68	3777571.31	FENCEGRD	137.71
1,262	407547.65	3777579.85	FENCEGRD	138.09
1,263	407552.45	3777580.22	FENCEGRD	138.14
1,264	407557.25	3777580.60	FENCEGRD	138.12
1,265	407562.05	3777580.97	FENCEGRD	138.08
1,266	407566.85	3777581.35	FENCEGRD	138.08
1,267	407571.65	3777581.72	FENCEGRD	138.07
1,268	407576.44	3777582.09	FENCEGRD	138.04
1,269	407581.24	3777582.47	FENCEGRD	138.02
1,270	407586.04	3777582.84	FENCEGRD	138.03
1,271	407590.84	3777583.22	FENCEGRD	138.05
1,272	407595.64	3777583.59	FENCEGRD	138.10
1,273	407600.44	3777583.96	FENCEGRD	138.16
1,274	407605.24	3777584.34	FENCEGRD	138.21
1,275	407610.04	3777584.71	FENCEGRD	138.23
1,276	407614.83	3777585.09	FENCEGRD	138.25
1,277	407619.63	3777585.46	FENCEGRD	138.27
1,278	407624.43	3777585.83	FENCEGRD	138.31
1,279	407629.23	3777586.21	FENCEGRD	138.36
1,280	407634.03	3777586.58	FENCEGRD	138.43
1,281	407638.83	3777586.96	FENCEGRD	138.52
1,282	407643.63	3777587.33	FENCEGRD	138.62
1,283	407648.42	3777587.70	FENCEGRD	138.73
1,284	407539.18	3777582.87	FENCEGRD	138.16

1,285	407532.62	3777579.69	FENCEGRD	138.01
1,286	407528.01	3777574.71	FENCEGRD	137.74
1,287	407547.26	3777584.83	FENCEGRD	138.54
1,288	407552.06	3777585.21	FENCEGRD	138.66
1,289	407556.86	3777585.58	FENCEGRD	138.68
1,290	407561.66	3777585.96	FENCEGRD	138.66
1,291	407566.46	3777586.33	FENCEGRD	138.67
1,292	407571.26	3777586.70	FENCEGRD	138.66
1,293	407576.06	3777587.08	FENCEGRD	138.61
1,294	407580.85	3777587.45	FENCEGRD	138.57
1,295	407585.65	3777587.83	FENCEGRD	138.53
1,296	407590.45	3777588.20	FENCEGRD	138.50
1,297	407595.25	3777588.57	FENCEGRD	138.46
1,298	407600.05	3777588.95	FENCEGRD	138.46
1,299	407604.85	3777589.32	FENCEGRD	138.45
1,300	407609.65	3777589.70	FENCEGRD	138.47
1,301	407614.45	3777590.07	FENCEGRD	138.49
1,302	407619.24	3777590.44	FENCEGRD	138.51
1,303	407624.04	3777590.82	FENCEGRD	138.55
1,304	407628.84	3777591.19	FENCEGRD	138.61
1,305	407633.64	3777591.57	FENCEGRD	138.71
1,306	407638.44	3777591.94	FENCEGRD	138.82
1,307	407643.24	3777592.32	FENCEGRD	138.95
1,308	407648.04	3777592.69	FENCEGRD	139.08
1,309	407537.97	3777587.46	FENCEGRD	139.24
1,310	407533.87	3777585.47	FENCEGRD	138.68
1,311	407529.77	3777583.48	FENCEGRD	138.23
1,312	407524.01	3777577.25	FENCEGRD	137.86
1,313	407522.34	3777573.01	FENCEGRD	137.65
1,314	407520.68	3777568.76	FENCEGRD	137.69
1,315	407542.08	3777589.44	FENCEGRD	139.78
1,316	407546.88	3777589.82	FENCEGRD	139.82
1,317	407551.67	3777590.19	FENCEGRD	139.82
1,318	407556.47	3777590.57	FENCEGRD	139.78
1,319	407561.27	3777590.94	FENCEGRD	139.70
1,320	407566.07	3777591.31	FENCEGRD	139.61
1,321	407570.87	3777591.69	FENCEGRD	139.50
1,322	407575.67	3777592.06	FENCEGRD	139.37

1,323	407580.47	3777592.44	FENCEGRD	139.24
1,324	407585.26	3777592.81	FENCEGRD	139.10
1,325	407590.06	3777593.19	FENCEGRD	138.97
1,326	407594.86	3777593.56	FENCEGRD	138.85
1,327	407599.66	3777593.93	FENCEGRD	138.93
1,328	407604.46	3777594.31	FENCEGRD	139.06
1,329	407609.26	3777594.68	FENCEGRD	139.26
1,330	407614.06	3777595.06	FENCEGRD	139.47
1,331	407618.86	3777595.43	FENCEGRD	139.69
1,332	407623.65	3777595.80	FENCEGRD	139.93
1,333	407628.45	3777596.18	FENCEGRD	140.23
1,334	407633.25	3777596.55	FENCEGRD	140.52
1,335	407638.05	3777596.93	FENCEGRD	140.82
1,336	407642.85	3777597.30	FENCEGRD	141.15
1,337	407647.65	3777597.67	FENCEGRD	141.49
1,338	407529.99	3777687.05	FENCEGRD	140.01
1,339	407525.67	3777684.96	FENCEGRD	139.91
1,340	407521.35	3777682.87	FENCEGRD	139.77
1,341	407517.03	3777680.78	FENCEGRD	139.60
1,342	407512.71	3777678.68	FENCEGRD	139.45
1,343	407508.40	3777676.59	FENCEGRD	139.32
1,344	407504.08	3777674.50	FENCEGRD	139.90
1,345	407499.76	3777672.41	FENCEGRD	140.46
1,346	407495.44	3777670.32	FENCEGRD	140.99
1,347	407491.12	3777668.23	FENCEGRD	141.57
1,348	407486.81	3777666.14	FENCEGRD	142.11
1,349	407482.49	3777664.04	FENCEGRD	142.36
1,350	407478.17	3777661.95	FENCEGRD	142.61
1,351	407473.85	3777659.86	FENCEGRD	142.83
1,352	407469.53	3777657.77	FENCEGRD	143.07
1,353	407465.22	3777655.68	FENCEGRD	143.24
1,354	407460.90	3777653.59	FENCEGRD	143.24
1,355	407456.58	3777651.50	FENCEGRD	143.27
1,356	407450.51	3777644.94	FENCEGRD	143.35
1,357	407448.76	3777640.47	FENCEGRD	143.42
1,358	407447.01	3777636.00	FENCEGRD	143.49
1,359	407445.26	3777631.53	FENCEGRD	143.48
1,360	407443.51	3777627.07	FENCEGRD	143.46

1,361	407441.76	3777622.60	FENCEGRD	143.41
1,362	407440.01	3777618.13	FENCEGRD	143.34
1,363	407438.26	3777613.66	FENCEGRD	143.27
1,364	407436.52	3777609.20	FENCEGRD	143.20
1,365	407434.77	3777604.73	FENCEGRD	142.98
1,366	407433.02	3777600.26	FENCEGRD	142.01
1,367	407431.27	3777595.79	FENCEGRD	141.02
1,368	407429.52	3777591.33	FENCEGRD	139.20
1,369	407427.77	3777586.86	FENCEGRD	137.25
1,370	407426.02	3777582.39	FENCEGRD	136.33
1,371	407424.27	3777577.92	FENCEGRD	136.17
1,372	407422.52	3777573.46	FENCEGRD	136.05
1,373	407420.77	3777568.99	FENCEGRD	136.12
1,374	407534.30	3777689.14	FENCEGRD	140.02
1,375	407539.10	3777689.52	FENCEGRD	140.04
1,376	407543.90	3777689.89	FENCEGRD	140.15
1,377	407548.70	3777690.26	FENCEGRD	140.28
1,378	407553.50	3777690.64	FENCEGRD	140.44
1,379	407558.30	3777691.01	FENCEGRD	140.47
1,380	407563.10	3777691.39	FENCEGRD	140.46
1,381	407567.90	3777691.76	FENCEGRD	140.43
1,382	407572.69	3777692.13	FENCEGRD	140.46
1,383	407577.49	3777692.51	FENCEGRD	140.72
1,384	407582.29	3777692.88	FENCEGRD	140.89
1,385	407587.09	3777693.26	FENCEGRD	140.95
1,386	407591.89	3777693.63	FENCEGRD	141.00
1,387	407596.69	3777694.01	FENCEGRD	141.03
1,388	407601.49	3777694.38	FENCEGRD	141.09
1,389	407606.28	3777694.75	FENCEGRD	141.16
1,390	407611.08	3777695.13	FENCEGRD	141.26
1,391	407615.88	3777695.50	FENCEGRD	141.35
1,392	407620.68	3777695.88	FENCEGRD	141.37
1,393	407625.48	3777696.25	FENCEGRD	141.41
1,394	407630.28	3777696.62	FENCEGRD	141.48
1,395	407635.08	3777697.00	FENCEGRD	141.51
1,396	407639.87	3777697.37	FENCEGRD	141.53
1,397	407522.31	3777786.80	FENCEGRD	141.39
1,398	407518.09	3777784.75	FENCEGRD	141.31

1,399	407513.87	3777782.71	FENCEGRD	141.23
1,400	407509.66	3777780.66	FENCEGRD	141.14
1,401	407505.44	3777778.62	FENCEGRD	141.06
1,402	407501.22	3777776.58	FENCEGRD	140.97
1,403	407497.00	3777774.53	FENCEGRD	140.90
1,404	407492.78	3777772.49	FENCEGRD	140.88
1,405	407488.56	3777770.45	FENCEGRD	140.87
1,406	407484.34	3777768.40	FENCEGRD	140.78
1,407	407480.12	3777766.36	FENCEGRD	140.66
1,408	407475.90	3777764.32	FENCEGRD	140.57
1,409	407471.68	3777762.27	FENCEGRD	140.47
1,410	407467.46	3777760.23	FENCEGRD	140.41
1,411	407463.24	3777758.18	FENCEGRD	140.38
1,412	407459.02	3777756.14	FENCEGRD	140.28
1,413	407454.80	3777754.10	FENCEGRD	140.14
1,414	407450.58	3777752.05	FENCEGRD	140.05
1,415	407446.36	3777750.01	FENCEGRD	139.98
1,416	407442.14	3777747.97	FENCEGRD	139.91
1,417	407437.93	3777745.92	FENCEGRD	139.86
1,418	407433.71	3777743.88	FENCEGRD	139.75
1,419	407429.49	3777741.84	FENCEGRD	139.62
1,420	407425.27	3777739.79	FENCEGRD	139.53
1,421	407421.05	3777737.75	FENCEGRD	139.42
1,422	407416.83	3777735.70	FENCEGRD	139.32
1,423	407412.61	3777733.66	FENCEGRD	139.23
1,424	407408.39	3777731.62	FENCEGRD	139.14
1,425	407404.17	3777729.57	FENCEGRD	139.08
1,426	407399.95	3777727.53	FENCEGRD	139.07
1,427	407395.73	3777725.49	FENCEGRD	139.01
1,428	407391.51	3777723.44	FENCEGRD	138.91
1,429	407387.29	3777721.40	FENCEGRD	138.78
1,430	407383.07	3777719.35	FENCEGRD	138.66
1,431	407377.14	3777712.95	FENCEGRD	138.45
1,432	407375.43	3777708.58	FENCEGRD	138.39
1,433	407373.73	3777704.21	FENCEGRD	138.27
1,434	407372.02	3777699.85	FENCEGRD	138.17
1,435	407370.31	3777695.48	FENCEGRD	137.99
1,436	407368.60	3777691.12	FENCEGRD	137.78

1,437	407366.89	3777686.75	FENCEGRD	137.58
1,438	407365.18	3777682.39	FENCEGRD	137.41
1,439	407363.47	3777678.02	FENCEGRD	137.22
1,440	407361.76	3777673.66	FENCEGRD	138.18
1,441	407360.05	3777669.29	FENCEGRD	139.15
1,442	407358.34	3777664.93	FENCEGRD	140.43
1,443	407356.63	3777660.56	FENCEGRD	141.90
1,444	407354.92	3777656.19	FENCEGRD	142.92
1,445	407353.21	3777651.83	FENCEGRD	142.96
1,446	407351.50	3777647.46	FENCEGRD	143.00
1,447	407349.79	3777643.10	FENCEGRD	143.06
1,448	407348.08	3777638.73	FENCEGRD	142.89
1,449	407346.37	3777634.37	FENCEGRD	142.46
1,450	407344.66	3777630.00	FENCEGRD	141.91
1,451	407342.95	3777625.64	FENCEGRD	141.29
1,452	407341.24	3777621.27	FENCEGRD	140.62
1,453	407339.53	3777616.91	FENCEGRD	139.78
1,454	407337.82	3777612.54	FENCEGRD	138.66
1,455	407336.12	3777608.17	FENCEGRD	137.65
1,456	407334.41	3777603.81	FENCEGRD	136.61
1,457	407332.70	3777599.44	FENCEGRD	135.87
1,458	407330.99	3777595.08	FENCEGRD	135.61
1,459	407329.28	3777590.71	FENCEGRD	135.54
1,460	407327.57	3777586.35	FENCEGRD	135.47
1,461	407325.86	3777581.98	FENCEGRD	135.37
1,462	407324.15	3777577.62	FENCEGRD	135.29
1,463	407322.44	3777573.25	FENCEGRD	135.23
1,464	407320.73	3777568.89	FENCEGRD	135.15
1,465	407526.53	3777788.84	FENCEGRD	141.44
1,466	407531.33	3777789.21	FENCEGRD	141.45
1,467	407536.13	3777789.59	FENCEGRD	141.46
1,468	407540.93	3777789.96	FENCEGRD	141.58
1,469	407545.73	3777790.34	FENCEGRD	141.77
1,470	407550.53	3777790.71	FENCEGRD	141.89
1,471	407555.32	3777791.08	FENCEGRD	141.97
1,472	407560.12	3777791.46	FENCEGRD	142.08
1,473	407564.92	3777791.83	FENCEGRD	142.19
1,474	407569.72	3777792.21	FENCEGRD	142.30

1,475	407574.52	3777792.58	FENCEGRD	142.41
1,476	407579.32	3777792.95	FENCEGRD	142.53
1,477	407584.12	3777793.33	FENCEGRD	142.69
1,478	407588.91	3777793.70	FENCEGRD	142.89
1,479	407593.71	3777794.08	FENCEGRD	142.93
1,480	407598.51	3777794.45	FENCEGRD	142.93
1,481	407603.31	3777794.82	FENCEGRD	143.05
1,482	407608.11	3777795.20	FENCEGRD	143.16
1,483	407612.91	3777795.57	FENCEGRD	143.26
1,484	407617.71	3777795.95	FENCEGRD	143.27
1,485	407622.51	3777796.32	FENCEGRD	143.20
1,486	407627.30	3777796.70	FENCEGRD	143.20
1,487	407632.10	3777797.07	FENCEGRD	143.23
1,488	407514.49	3777886.47	FENCEGRD	143.33
1,489	407510.23	3777884.40	FENCEGRD	143.19
1,490	407505.96	3777882.34	FENCEGRD	143.04
1,491	407501.70	3777880.27	FENCEGRD	142.95
1,492	407497.43	3777878.21	FENCEGRD	142.85
1,493	407493.16	3777876.14	FENCEGRD	142.73
1,494	407488.90	3777874.07	FENCEGRD	142.59
1,495	407484.63	3777872.01	FENCEGRD	142.54
1,496	407480.36	3777869.94	FENCEGRD	142.52
1,497	407476.10	3777867.87	FENCEGRD	142.45
1,498	407471.83	3777865.81	FENCEGRD	142.39
1,499	407467.57	3777863.74	FENCEGRD	142.34
1,500	407463.30	3777861.67	FENCEGRD	142.28
1,501	407459.03	3777859.61	FENCEGRD	142.29
1,502	407454.77	3777857.54	FENCEGRD	142.26
1,503	407450.50	3777855.47	FENCEGRD	142.17
1,504	407446.23	3777853.41	FENCEGRD	142.09
1,505	407441.97	3777851.34	FENCEGRD	142.02
1,506	407437.70	3777849.28	FENCEGRD	141.93
1,507	407433.43	3777847.21	FENCEGRD	141.82
1,508	407429.17	3777845.14	FENCEGRD	141.67
1,509	407424.90	3777843.08	FENCEGRD	141.50
1,510	407420.64	3777841.01	FENCEGRD	141.40
1,511	407416.37	3777838.94	FENCEGRD	141.33
1,512	407412.10	3777836.88	FENCEGRD	141.27

1,513	407407.84	3777834.81	FENCEGRD	141.18
1,514	407403.57	3777832.74	FENCEGRD	141.11
1,515	407399.30	3777830.68	FENCEGRD	141.00
1,516	407395.04	3777828.61	FENCEGRD	140.87
1,517	407390.77	3777826.55	FENCEGRD	140.75
1,518	407386.51	3777824.48	FENCEGRD	140.66
1,519	407382.24	3777822.41	FENCEGRD	140.56
1,520	407377.97	3777820.35	FENCEGRD	140.44
1,521	407373.71	3777818.28	FENCEGRD	140.34
1,522	407369.44	3777816.21	FENCEGRD	140.26
1,523	407365.17	3777814.15	FENCEGRD	140.22
1,524	407360.91	3777812.08	FENCEGRD	140.24
1,525	407356.64	3777810.01	FENCEGRD	140.07
1,526	407352.38	3777807.95	FENCEGRD	139.86
1,527	407348.11	3777805.88	FENCEGRD	139.74
1,528	407343.84	3777803.82	FENCEGRD	139.64
1,529	407339.58	3777801.75	FENCEGRD	139.52
1,530	407335.31	3777799.68	FENCEGRD	139.33
1,531	407331.04	3777797.62	FENCEGRD	139.17
1,532	407326.78	3777795.55	FENCEGRD	139.08
1,533	407322.51	3777793.48	FENCEGRD	138.99
1,534	407318.25	3777791.42	FENCEGRD	138.88
1,535	407313.98	3777789.35	FENCEGRD	138.96
1,536	407309.71	3777787.28	FENCEGRD	139.14
1,537	407303.72	3777780.80	FENCEGRD	139.15
1,538	407301.99	3777776.39	FENCEGRD	138.81
1,539	407300.26	3777771.98	FENCEGRD	138.45
1,540	407298.53	3777767.56	FENCEGRD	138.39
1,541	407296.80	3777763.15	FENCEGRD	138.42
1,542	407295.08	3777758.73	FENCEGRD	138.43
1,543	407293.35	3777754.32	FENCEGRD	138.40
1,544	407291.62	3777749.91	FENCEGRD	138.37
1,545	407289.89	3777745.49	FENCEGRD	138.31
1,546	407288.16	3777741.08	FENCEGRD	138.25
1,547	407286.43	3777736.66	FENCEGRD	138.11
1,548	407284.70	3777732.25	FENCEGRD	137.97
1,549	407282.98	3777727.84	FENCEGRD	137.92
1,550	407281.25	3777723.42	FENCEGRD	137.95

1,551	407279.52	3777719.01	FENCEGRD	137.93
1,552	407277.79	3777714.59	FENCEGRD	137.68
1,553	407276.06	3777710.18	FENCEGRD	137.33
1,554	407274.33	3777705.77	FENCEGRD	137.09
1,555	407272.60	3777701.35	FENCEGRD	136.94
1,556	407270.88	3777696.94	FENCEGRD	136.84
1,557	407269.15	3777692.53	FENCEGRD	136.73
1,558	407267.42	3777688.11	FENCEGRD	136.59
1,559	407265.69	3777683.70	FENCEGRD	136.43
1,560	407263.96	3777679.28	FENCEGRD	136.27
1,561	407262.23	3777674.87	FENCEGRD	136.43
1,562	407260.50	3777670.46	FENCEGRD	136.66
1,563	407258.78	3777666.04	FENCEGRD	137.76
1,564	407257.05	3777661.63	FENCEGRD	139.33
1,565	407255.32	3777657.21	FENCEGRD	140.43
1,566	407253.59	3777652.80	FENCEGRD	140.61
1,567	407251.86	3777648.39	FENCEGRD	140.80
1,568	407250.13	3777643.97	FENCEGRD	141.02
1,569	407248.41	3777639.56	FENCEGRD	141.25
1,570	407246.68	3777635.14	FENCEGRD	141.47
1,571	407244.95	3777630.73	FENCEGRD	141.68
1,572	407243.22	3777626.32	FENCEGRD	141.91
1,573	407241.49	3777621.90	FENCEGRD	142.13
1,574	407239.76	3777617.49	FENCEGRD	142.33
1,575	407238.03	3777613.07	FENCEGRD	141.31
1,576	407236.31	3777608.66	FENCEGRD	140.26
1,577	407234.58	3777604.25	FENCEGRD	138.47
1,578	407232.85	3777599.83	FENCEGRD	136.41
1,579	407231.12	3777595.42	FENCEGRD	135.05
1,580	407229.39	3777591.00	FENCEGRD	134.76
1,581	407227.66	3777586.59	FENCEGRD	134.52
1,582	407225.93	3777582.18	FENCEGRD	134.35
1,583	407224.21	3777577.76	FENCEGRD	134.16
1,584	407222.48	3777573.35	FENCEGRD	134.13
1,585	407220.75	3777568.93	FENCEGRD	134.18
1,586	407518.76	3777888.54	FENCEGRD	143.42
1,587	407523.56	3777888.91	FENCEGRD	143.49
1,588	407528.36	3777889.29	FENCEGRD	143.60

1,589	407533.16	3777889.66	FENCEGRD	143.68
1,590	407537.95	3777890.03	FENCEGRD	143.73
1,591	407542.75	3777890.41	FENCEGRD	143.72
1,592	407547.55	3777890.78	FENCEGRD	143.68
1,593	407552.35	3777891.16	FENCEGRD	143.72
1,594	407557.15	3777891.53	FENCEGRD	143.78
1,595	407561.95	3777891.90	FENCEGRD	143.94
1,596	407566.75	3777892.28	FENCEGRD	144.07
1,597	407571.55	3777892.65	FENCEGRD	144.12
1,598	407576.34	3777893.03	FENCEGRD	144.21
1,599	407581.14	3777893.40	FENCEGRD	144.31
1,600	407585.94	3777893.77	FENCEGRD	144.37
1,601	407590.74	3777894.15	FENCEGRD	144.42
1,602	407595.54	3777894.52	FENCEGRD	144.50
1,603	407600.34	3777894.90	FENCEGRD	144.58
1,604	407605.14	3777895.27	FENCEGRD	144.65
1,605	407609.93	3777895.64	FENCEGRD	144.74
1,606	407614.73	3777896.02	FENCEGRD	144.84
1,607	407619.53	3777896.39	FENCEGRD	144.92
1,608	407624.33	3777896.77	FENCEGRD	144.98
1,609	407506.70	3777986.16	FENCEGRD	145.67
1,610	407502.41	3777984.08	FENCEGRD	145.62
1,611	407498.11	3777982.00	FENCEGRD	145.42
1,612	407493.82	3777979.92	FENCEGRD	145.27
1,613	407489.53	3777977.84	FENCEGRD	145.08
1,614	407485.24	3777975.76	FENCEGRD	144.76
1,615	407480.95	3777973.68	FENCEGRD	144.59
1,616	407476.66	3777971.61	FENCEGRD	144.51
1,617	407472.36	3777969.53	FENCEGRD	144.41
1,618	407468.07	3777967.45	FENCEGRD	144.31
1,619	407463.78	3777965.37	FENCEGRD	144.25
1,620	407459.49	3777963.29	FENCEGRD	144.15
1,621	407455.20	3777961.21	FENCEGRD	144.09
1,622	407450.91	3777959.13	FENCEGRD	144.02
1,623	407446.62	3777957.06	FENCEGRD	143.93
1,624	407442.32	3777954.98	FENCEGRD	143.81
1,625	407438.03	3777952.90	FENCEGRD	143.69
1,626	407433.74	3777950.82	FENCEGRD	143.63

1,627	407429.45	3777948.74	FENCEGRD	143.57
1,628	407425.16	3777946.66	FENCEGRD	143.51
1,629	407420.87	3777944.58	FENCEGRD	143.42
1,630	407416.57	3777942.51	FENCEGRD	143.30
1,631	407412.28	3777940.43	FENCEGRD	143.17
1,632	407407.99	3777938.35	FENCEGRD	143.05
1,633	407403.70	3777936.27	FENCEGRD	142.93
1,634	407399.41	3777934.19	FENCEGRD	142.84
1,635	407395.12	3777932.11	FENCEGRD	142.74
1,636	407390.83	3777930.03	FENCEGRD	142.58
1,637	407386.53	3777927.96	FENCEGRD	142.45
1,638	407382.24	3777925.88	FENCEGRD	142.30
1,639	407377.95	3777923.80	FENCEGRD	142.13
1,640	407373.66	3777921.72	FENCEGRD	142.03
1,641	407369.37	3777919.64	FENCEGRD	141.91
1,642	407365.08	3777917.56	FENCEGRD	141.76
1,643	407360.79	3777915.48	FENCEGRD	141.59
1,644	407356.49	3777913.40	FENCEGRD	141.46
1,645	407352.20	3777911.33	FENCEGRD	141.37
1,646	407347.91	3777909.25	FENCEGRD	141.25
1,647	407343.62	3777907.17	FENCEGRD	141.14
1,648	407339.33	3777905.09	FENCEGRD	141.05
1,649	407335.04	3777903.01	FENCEGRD	141.01
1,650	407330.74	3777900.93	FENCEGRD	141.01
1,651	407326.45	3777898.85	FENCEGRD	140.95
1,652	407322.16	3777896.78	FENCEGRD	140.86
1,653	407317.87	3777894.70	FENCEGRD	140.77
1,654	407313.58	3777892.62	FENCEGRD	140.84
1,655	407309.29	3777890.54	FENCEGRD	140.94
1,656	407305.00	3777888.46	FENCEGRD	140.94
1,657	407300.70	3777886.38	FENCEGRD	140.94
1,658	407296.41	3777884.30	FENCEGRD	140.95
1,659	407292.12	3777882.23	FENCEGRD	140.94
1,660	407287.83	3777880.15	FENCEGRD	140.89
1,661	407283.54	3777878.07	FENCEGRD	140.83
1,662	407279.25	3777875.99	FENCEGRD	140.72
1,663	407274.95	3777873.91	FENCEGRD	140.56
1,664	407270.66	3777871.83	FENCEGRD	140.53

1,665	407266.37	3777869.75	FENCEGRD	140.51
1,666	407262.08	3777867.68	FENCEGRD	140.49
1,667	407257.79	3777865.60	FENCEGRD	140.47
1,668	407253.50	3777863.52	FENCEGRD	140.23
1,669	407249.21	3777861.44	FENCEGRD	139.97
1,670	407244.91	3777859.36	FENCEGRD	139.94
1,671	407240.62	3777857.28	FENCEGRD	139.92
1,672	407236.33	3777855.20	FENCEGRD	139.92
1,673	407230.30	3777848.69	FENCEGRD	139.83
1,674	407228.56	3777844.25	FENCEGRD	139.74
1,675	407226.82	3777839.81	FENCEGRD	139.70
1,676	407225.08	3777835.37	FENCEGRD	139.64
1,677	407223.35	3777830.93	FENCEGRD	139.53
1,678	407221.61	3777826.49	FENCEGRD	139.45
1,679	407219.87	3777822.05	FENCEGRD	139.41
1,680	407218.13	3777817.60	FENCEGRD	139.44
1,681	407216.39	3777813.16	FENCEGRD	139.48
1,682	407214.65	3777808.72	FENCEGRD	139.30
1,683	407212.91	3777804.28	FENCEGRD	139.06
1,684	407211.17	3777799.84	FENCEGRD	138.83
1,685	407209.44	3777795.40	FENCEGRD	138.61
1,686	407207.70	3777790.96	FENCEGRD	138.42
1,687	407205.96	3777786.52	FENCEGRD	138.29
1,688	407204.22	3777782.08	FENCEGRD	138.14
1,689	407202.48	3777777.64	FENCEGRD	137.70
1,690	407200.74	3777773.20	FENCEGRD	136.98
1,691	407199.00	3777768.76	FENCEGRD	136.40
1,692	407197.26	3777764.32	FENCEGRD	135.93
1,693	407195.53	3777759.88	FENCEGRD	135.84
1,694	407193.79	3777755.44	FENCEGRD	135.96
1,695	407192.05	3777751.00	FENCEGRD	135.86
1,696	407190.31	3777746.56	FENCEGRD	135.72
1,697	407188.57	3777742.12	FENCEGRD	135.65
1,698	407186.83	3777737.68	FENCEGRD	135.51
1,699	407185.09	3777733.24	FENCEGRD	135.38
1,700	407183.35	3777728.80	FENCEGRD	135.22
1,701	407181.62	3777724.36	FENCEGRD	135.05
1,702	407179.88	3777719.92	FENCEGRD	134.89

1,703	407178.14	3777715.48	FENCEGRD	134.99
1,704	407176.40	3777711.04	FENCEGRD	135.21
1,705	407174.66	3777706.60	FENCEGRD	135.69
1,706	407172.92	3777702.16	FENCEGRD	136.26
1,707	407171.18	3777697.72	FENCEGRD	136.43
1,708	407169.44	3777693.28	FENCEGRD	136.02
1,709	407167.71	3777688.84	FENCEGRD	135.66
1,710	407165.97	3777684.40	FENCEGRD	135.61
1,711	407164.23	3777679.96	FENCEGRD	135.59
1,712	407162.49	3777675.52	FENCEGRD	136.85
1,713	407160.75	3777671.08	FENCEGRD	138.14
1,714	407159.01	3777666.64	FENCEGRD	138.73
1,715	407157.27	3777662.20	FENCEGRD	139.02
1,716	407155.53	3777657.76	FENCEGRD	139.31
1,717	407153.80	3777653.32	FENCEGRD	139.59
1,718	407152.06	3777648.88	FENCEGRD	139.88
1,719	407150.32	3777644.44	FENCEGRD	140.15
1,720	407148.58	3777640.00	FENCEGRD	140.41
1,721	407146.84	3777635.56	FENCEGRD	140.68
1,722	407145.10	3777631.12	FENCEGRD	140.95
1,723	407143.36	3777626.68	FENCEGRD	140.44
1,724	407141.62	3777622.24	FENCEGRD	138.97
1,725	407139.89	3777617.80	FENCEGRD	137.36
1,726	407138.15	3777613.36	FENCEGRD	135.77
1,727	407136.41	3777608.92	FENCEGRD	134.29
1,728	407134.67	3777604.48	FENCEGRD	133.94
1,729	407132.93	3777600.04	FENCEGRD	133.78
1,730	407131.19	3777595.60	FENCEGRD	133.79
1,731	407129.45	3777591.16	FENCEGRD	133.89
1,732	407127.71	3777586.72	FENCEGRD	133.95
1,733	407125.98	3777582.28	FENCEGRD	133.87
1,734	407124.24	3777577.84	FENCEGRD	133.78
1,735	407122.50	3777573.40	FENCEGRD	133.66
1,736	407120.76	3777568.96	FENCEGRD	133.56
1,737	407510.99	3777988.23	FENCEGRD	145.54
1,738	407515.79	3777988.61	FENCEGRD	145.45
1,739	407520.59	3777988.98	FENCEGRD	145.44
1,740	407525.38	3777989.36	FENCEGRD	145.49

1,741	407530.18	3777989.73	FENCEGRD	145.63
1,742	407534.98	3777990.10	FENCEGRD	145.82
1,743	407539.78	3777990.48	FENCEGRD	146.04
1,744	407544.58	3777990.85	FENCEGRD	146.07
1,745	407549.38	3777991.23	FENCEGRD	146.10
1,746	407554.18	3777991.60	FENCEGRD	146.23
1,747	407558.97	3777991.98	FENCEGRD	146.36
1,748	407563.77	3777992.35	FENCEGRD	146.47
1,749	407568.57	3777992.72	FENCEGRD	146.56
1,750	407573.37	3777993.10	FENCEGRD	146.61
1,751	407578.17	3777993.47	FENCEGRD	146.81
1,752	407582.97	3777993.85	FENCEGRD	147.06
1,753	407587.77	3777994.22	FENCEGRD	147.01
1,754	407592.56	3777994.59	FENCEGRD	146.94
1,755	407597.36	3777994.97	FENCEGRD	146.91
1,756	407602.16	3777995.34	FENCEGRD	146.90
1,757	407606.96	3777995.72	FENCEGRD	146.94
1,758	407611.76	3777996.09	FENCEGRD	147.02
1,759	407616.56	3777996.46	FENCEGRD	147.12
1,760	407498.91	3778085.85	FENCEGRD	147.31
1,761	407494.60	3778083.76	FENCEGRD	147.21
1,762	407490.29	3778081.67	FENCEGRD	147.13
1,763	407485.99	3778079.59	FENCEGRD	147.02
1,764	407481.68	3778077.50	FENCEGRD	146.92
1,765	407477.37	3778075.41	FENCEGRD	146.82
1,766	407473.06	3778073.33	FENCEGRD	146.75
1,767	407468.76	3778071.24	FENCEGRD	146.68
1,768	407464.45	3778069.16	FENCEGRD	146.62
1,769	407460.14	3778067.07	FENCEGRD	146.64
1,770	407455.84	3778064.98	FENCEGRD	146.61
1,771	407451.53	3778062.90	FENCEGRD	146.49
1,772	407447.22	3778060.81	FENCEGRD	146.38
1,773	407442.91	3778058.72	FENCEGRD	146.21
1,774	407438.61	3778056.64	FENCEGRD	146.04
1,775	407434.30	3778054.55	FENCEGRD	145.92
1,776	407429.99	3778052.47	FENCEGRD	145.81
1,777	407425.68	3778050.38	FENCEGRD	145.70
1,778	407421.38	3778048.29	FENCEGRD	145.60

1,779	407417.07	3778046.21	FENCEGRD	145.50
1,780	407412.76	3778044.12	FENCEGRD	145.42
1,781	407408.46	3778042.03	FENCEGRD	145.35
1,782	407404.15	3778039.95	FENCEGRD	145.29
1,783	407399.84	3778037.86	FENCEGRD	145.21
1,784	407395.53	3778035.78	FENCEGRD	145.10
1,785	407391.23	3778033.69	FENCEGRD	145.00
1,786	407386.92	3778031.60	FENCEGRD	144.95
1,787	407382.61	3778029.52	FENCEGRD	144.84
1,788	407378.30	3778027.43	FENCEGRD	144.73
1,789	407374.00	3778025.34	FENCEGRD	144.67
1,790	407369.69	3778023.26	FENCEGRD	144.62
1,791	407365.38	3778021.17	FENCEGRD	144.61
1,792	407361.08	3778019.09	FENCEGRD	144.54
1,793	407356.77	3778017.00	FENCEGRD	143.97
1,794	407352.46	3778014.91	FENCEGRD	143.47
1,795	407348.15	3778012.83	FENCEGRD	143.18
1,796	407343.85	3778010.74	FENCEGRD	142.97
1,797	407339.54	3778008.65	FENCEGRD	143.68
1,798	407335.23	3778006.57	FENCEGRD	144.27
1,799	407330.92	3778004.48	FENCEGRD	143.77
1,800	407326.62	3778002.40	FENCEGRD	143.45
1,801	407322.31	3778000.31	FENCEGRD	143.43
1,802	407318.00	3777998.22	FENCEGRD	143.43
1,803	407313.70	3777996.14	FENCEGRD	143.60
1,804	407309.39	3777994.05	FENCEGRD	143.72
1,805	407305.08	3777991.96	FENCEGRD	143.69
1,806	407300.77	3777989.88	FENCEGRD	143.64
1,807	407296.47	3777987.79	FENCEGRD	143.53
1,808	407292.16	3777985.71	FENCEGRD	143.45
1,809	407287.85	3777983.62	FENCEGRD	143.38
1,810	407283.54	3777981.53	FENCEGRD	143.29
1,811	407279.24	3777979.45	FENCEGRD	143.20
1,812	407274.93	3777977.36	FENCEGRD	143.06
1,813	407270.62	3777975.28	FENCEGRD	142.95
1,814	407266.31	3777973.19	FENCEGRD	142.87
1,815	407262.01	3777971.10	FENCEGRD	142.81
1,816	407257.70	3777969.02	FENCEGRD	142.74

1,817	407253.39	3777966.93	FENCEGRD	142.68
1,818	407249.09	3777964.84	FENCEGRD	142.64
1,819	407244.78	3777962.76	FENCEGRD	142.58
1,820	407240.47	3777960.67	FENCEGRD	142.55
1,821	407236.16	3777958.59	FENCEGRD	142.50
1,822	407231.86	3777956.50	FENCEGRD	142.41
1,823	407227.55	3777954.41	FENCEGRD	142.28
1,824	407223.24	3777952.33	FENCEGRD	142.17
1,825	407218.93	3777950.24	FENCEGRD	142.08
1,826	407214.63	3777948.15	FENCEGRD	141.98
1,827	407210.32	3777946.07	FENCEGRD	141.94
1,828	407206.01	3777943.98	FENCEGRD	141.87
1,829	407201.71	3777941.90	FENCEGRD	141.76
1,830	407197.40	3777939.81	FENCEGRD	141.71
1,831	407193.09	3777937.72	FENCEGRD	141.68
1,832	407188.78	3777935.64	FENCEGRD	141.66
1,833	407184.48	3777933.55	FENCEGRD	141.65
1,834	407180.17	3777931.46	FENCEGRD	141.63
1,835	407175.86	3777929.38	FENCEGRD	141.63
1,836	407171.55	3777927.29	FENCEGRD	141.63
1,837	407167.25	3777925.21	FENCEGRD	141.58
1,838	407162.94	3777923.12	FENCEGRD	141.47
1,839	407156.89	3777916.58	FENCEGRD	141.14
1,840	407155.14	3777912.12	FENCEGRD	140.96
1,841	407153.40	3777907.66	FENCEGRD	140.78
1,842	407151.65	3777903.21	FENCEGRD	140.66
1,843	407149.91	3777898.75	FENCEGRD	140.59
1,844	407148.16	3777894.29	FENCEGRD	140.51
1,845	407146.42	3777889.84	FENCEGRD	140.45
1,846	407144.67	3777885.38	FENCEGRD	140.38
1,847	407142.93	3777880.93	FENCEGRD	139.97
1,848	407141.18	3777876.47	FENCEGRD	139.61
1,849	407139.44	3777872.01	FENCEGRD	139.57
1,850	407137.69	3777867.56	FENCEGRD	139.62
1,851	407135.95	3777863.10	FENCEGRD	139.61
1,852	407134.20	3777858.64	FENCEGRD	139.53
1,853	407132.46	3777854.19	FENCEGRD	139.41
1,854	407130.71	3777849.73	FENCEGRD	139.23

1,855	407128.96	3777845.27	FENCEGRD	139.03
1,856	407127.22	3777840.82	FENCEGRD	138.90
1,857	407125.47	3777836.36	FENCEGRD	138.77
1,858	407123.73	3777831.90	FENCEGRD	138.66
1,859	407121.98	3777827.45	FENCEGRD	138.56
1,860	407120.24	3777822.99	FENCEGRD	138.46
1,861	407118.49	3777818.54	FENCEGRD	138.37
1,862	407116.75	3777814.08	FENCEGRD	138.29
1,863	407115.00	3777809.62	FENCEGRD	138.22
1,864	407113.26	3777805.17	FENCEGRD	138.17
1,865	407111.51	3777800.71	FENCEGRD	138.12
1,866	407109.77	3777796.25	FENCEGRD	138.06
1,867	407108.02	3777791.80	FENCEGRD	137.95
1,868	407106.28	3777787.34	FENCEGRD	137.69
1,869	407104.53	3777782.88	FENCEGRD	137.40
1,870	407102.79	3777778.43	FENCEGRD	137.36
1,871	407101.04	3777773.97	FENCEGRD	137.33
1,872	407099.30	3777769.51	FENCEGRD	137.35
1,873	407097.55	3777765.06	FENCEGRD	137.40
1,874	407095.81	3777760.60	FENCEGRD	137.40
1,875	407094.06	3777756.15	FENCEGRD	137.32
1,876	407092.32	3777751.69	FENCEGRD	137.28
1,877	407090.57	3777747.23	FENCEGRD	137.23
1,878	407088.83	3777742.78	FENCEGRD	137.13
1,879	407087.08	3777738.32	FENCEGRD	136.95
1,880	407085.34	3777733.86	FENCEGRD	136.78
1,881	407083.59	3777729.41	FENCEGRD	136.66
1,882	407081.85	3777724.95	FENCEGRD	136.54
1,883	407080.10	3777720.49	FENCEGRD	136.36
1,884	407078.36	3777716.04	FENCEGRD	136.15
1,885	407076.61	3777711.58	FENCEGRD	135.96
1,886	407074.86	3777707.13	FENCEGRD	136.15
1,887	407073.12	3777702.67	FENCEGRD	136.51
1,888	407071.37	3777698.21	FENCEGRD	137.61
1,889	407069.63	3777693.76	FENCEGRD	138.84
1,890	407067.88	3777689.30	FENCEGRD	139.59
1,891	407066.14	3777684.84	FENCEGRD	139.82
1,892	407064.39	3777680.39	FENCEGRD	140.03

1,893	407062.65	3777675.93	FENCEGRD	140.25
1,894	407060.90	3777671.47	FENCEGRD	140.46
1,895	407059.16	3777667.02	FENCEGRD	140.67
1,896	407057.41	3777662.56	FENCEGRD	140.88
1,897	407055.67	3777658.10	FENCEGRD	140.90
1,898	407053.92	3777653.65	FENCEGRD	140.58
1,899	407052.18	3777649.19	FENCEGRD	139.59
1,900	407050.43	3777644.74	FENCEGRD	137.22
1,901	407048.69	3777640.28	FENCEGRD	134.90
1,902	407046.94	3777635.82	FENCEGRD	134.12
1,903	407045.20	3777631.37	FENCEGRD	133.60
1,904	407043.45	3777626.91	FENCEGRD	133.52
1,905	407041.71	3777622.45	FENCEGRD	133.62
1,906	407039.96	3777618.00	FENCEGRD	133.64
1,907	407038.22	3777613.54	FENCEGRD	133.45
1,908	407036.47	3777609.08	FENCEGRD	133.25
1,909	407034.73	3777604.63	FENCEGRD	133.19
1,910	407032.98	3777600.17	FENCEGRD	133.11
1,911	407031.24	3777595.71	FENCEGRD	133.08
1,912	407029.49	3777591.26	FENCEGRD	133.05
1,913	407027.75	3777586.80	FENCEGRD	133.01
1,914	407026.00	3777582.35	FENCEGRD	132.96
1,915	407024.26	3777577.89	FENCEGRD	132.72
1,916	407022.51	3777573.43	FENCEGRD	131.67
1,917	407020.77	3777568.98	FENCEGRD	131.19
1,918	407503.22	3778087.93	FENCEGRD	147.40
1,919	407508.01	3778088.31	FENCEGRD	147.43
1,920	407512.81	3778088.68	FENCEGRD	147.37
1,921	407517.61	3778089.05	FENCEGRD	147.35
1,922	407522.41	3778089.43	FENCEGRD	147.43
1,923	407527.21	3778089.80	FENCEGRD	147.54
1,924	407532.01	3778090.18	FENCEGRD	147.67
1,925	407536.81	3778090.55	FENCEGRD	147.81
1,926	407541.61	3778090.92	FENCEGRD	147.95
1,927	407546.40	3778091.30	FENCEGRD	148.07
1,928	407551.20	3778091.67	FENCEGRD	148.17
1,929	407556.00	3778092.05	FENCEGRD	148.22
1,930	407560.80	3778092.42	FENCEGRD	148.30

1,931	407565.60	3778092.80	FENCEGRD	148.41
1,932	407570.40	3778093.17	FENCEGRD	148.49
1,933	407575.20	3778093.54	FENCEGRD	148.57
1,934	407579.99	3778093.92	FENCEGRD	148.68
1,935	407584.79	3778094.29	FENCEGRD	148.79
1,936	407589.59	3778094.67	FENCEGRD	148.88
1,937	407594.39	3778095.04	FENCEGRD	148.99
1,938	407599.19	3778095.41	FENCEGRD	149.11
1,939	407603.99	3778095.79	FENCEGRD	149.16
1,940	407608.79	3778096.16	FENCEGRD	149.16
1,941	407653.85	3777581.88	FENCEGRD	138.44
1,942	407653.32	3777587.11	FENCEGRD	138.77
1,943	407654.75	3777591.88	FENCEGRD	139.16
1,944	407656.34	3777596.62	FENCEGRD	141.15
1,945	407687.64	3777691.58	FENCEGRD	142.01
1,946	407682.98	3777692.15	FENCEGRD	141.70
1,947	407678.32	3777692.71	FENCEGRD	141.59
1,948	407673.66	3777693.28	FENCEGRD	141.50
1,949	407669.00	3777693.84	FENCEGRD	141.54
1,950	407664.34	3777694.41	FENCEGRD	141.57
1,951	407659.68	3777694.97	FENCEGRD	141.57
1,952	407655.02	3777695.54	FENCEGRD	141.55
1,953	407650.36	3777696.10	FENCEGRD	141.54
1,954	407645.70	3777696.67	FENCEGRD	141.53
1,955	407719.01	3777786.53	FENCEGRD	143.87
1,956	407714.37	3777787.10	FENCEGRD	143.83
1,957	407709.74	3777787.66	FENCEGRD	143.80
1,958	407705.10	3777788.22	FENCEGRD	143.79
1,959	407700.47	3777788.78	FENCEGRD	143.79
1,960	407695.83	3777789.34	FENCEGRD	143.77
1,961	407691.20	3777789.91	FENCEGRD	143.75
1,962	407686.56	3777790.47	FENCEGRD	143.75
1,963	407681.93	3777791.03	FENCEGRD	143.73
1,964	407677.29	3777791.59	FENCEGRD	143.69
1,965	407672.66	3777792.15	FENCEGRD	143.66
1,966	407668.02	3777792.71	FENCEGRD	143.63
1,967	407663.39	3777793.28	FENCEGRD	143.56
1,968	407658.75	3777793.84	FENCEGRD	143.46

1,969	407654.12	3777794.40	FENCEGRD	143.45
1,970	407649.48	3777794.96	FENCEGRD	143.45
1,971	407644.85	3777795.52	FENCEGRD	143.35
1,972	407640.21	3777796.09	FENCEGRD	143.25
1,973	407750.37	3777881.49	FENCEGRD	146.45
1,974	407745.70	3777882.05	FENCEGRD	146.42
1,975	407741.03	3777882.62	FENCEGRD	146.34
1,976	407736.37	3777883.19	FENCEGRD	146.23
1,977	407731.70	3777883.75	FENCEGRD	146.23
1,978	407727.03	3777884.32	FENCEGRD	146.25
1,979	407722.36	3777884.88	FENCEGRD	146.17
1,980	407717.69	3777885.45	FENCEGRD	146.13
1,981	407713.02	3777886.02	FENCEGRD	146.24
1,982	407708.36	3777886.58	FENCEGRD	146.28
1,983	407703.69	3777887.15	FENCEGRD	146.24
1,984	407699.02	3777887.71	FENCEGRD	146.18
1,985	407694.35	3777888.28	FENCEGRD	146.10
1,986	407689.68	3777888.84	FENCEGRD	146.04
1,987	407685.02	3777889.41	FENCEGRD	145.98
1,988	407680.35	3777889.98	FENCEGRD	145.97
1,989	407675.68	3777890.54	FENCEGRD	145.95
1,990	407671.01	3777891.11	FENCEGRD	145.83
1,991	407666.34	3777891.67	FENCEGRD	145.70
1,992	407661.68	3777892.24	FENCEGRD	145.56
1,993	407657.01	3777892.81	FENCEGRD	145.45
1,994	407652.34	3777893.37	FENCEGRD	145.38
1,995	407647.67	3777893.94	FENCEGRD	145.32
1,996	407643.00	3777894.50	FENCEGRD	145.28
1,997	407638.33	3777895.07	FENCEGRD	145.20
1,998	407633.67	3777895.64	FENCEGRD	145.11
1,999	407629.00	3777896.20	FENCEGRD	145.04
2,000	407781.74	3777976.44	FENCEGRD	148.74
2,001	407777.09	3777977.00	FENCEGRD	148.68
2,002	407772.44	3777977.57	FENCEGRD	148.62
2,003	407767.78	3777978.13	FENCEGRD	148.59
2,004	407763.13	3777978.70	FENCEGRD	148.58
2,005	407758.48	3777979.26	FENCEGRD	148.56
2,006	407753.82	3777979.82	FENCEGRD	148.54

2,007	407749.17	3777980.39	FENCEGRD	148.51
2,008	407744.52	3777980.95	FENCEGRD	148.47
2,009	407739.86	3777981.52	FENCEGRD	148.34
2,010	407735.21	3777982.08	FENCEGRD	148.27
2,011	407730.56	3777982.64	FENCEGRD	148.35
2,012	407725.91	3777983.21	FENCEGRD	148.35
2,013	407721.25	3777983.77	FENCEGRD	148.29
2,014	407716.60	3777984.34	FENCEGRD	148.40
2,015	407711.95	3777984.90	FENCEGRD	148.59
2,016	407707.29	3777985.47	FENCEGRD	148.53
2,017	407702.64	3777986.03	FENCEGRD	148.43
2,018	407697.99	3777986.59	FENCEGRD	148.27
2,019	407693.33	3777987.16	FENCEGRD	148.13
2,020	407688.68	3777987.72	FENCEGRD	148.07
2,021	407684.03	3777988.29	FENCEGRD	148.01
2,022	407679.37	3777988.85	FENCEGRD	147.94
2,023	407674.72	3777989.41	FENCEGRD	147.88
2,024	407670.07	3777989.98	FENCEGRD	147.86
2,025	407665.42	3777990.54	FENCEGRD	147.90
2,026	407660.76	3777991.11	FENCEGRD	147.97
2,027	407656.11	3777991.67	FENCEGRD	147.87
2,028	407651.46	3777992.23	FENCEGRD	147.72
2,029	407646.80	3777992.80	FENCEGRD	147.67
2,030	407642.15	3777993.36	FENCEGRD	147.62
2,031	407637.50	3777993.93	FENCEGRD	147.52
2,032	407632.84	3777994.49	FENCEGRD	147.45
2,033	407628.19	3777995.05	FENCEGRD	147.43
2,034	407623.54	3777995.62	FENCEGRD	147.33
2,035	407813.11	3778071.39	FENCEGRD	151.15
2,036	407808.44	3778071.96	FENCEGRD	151.07
2,037	407803.77	3778072.53	FENCEGRD	151.01
2,038	407799.10	3778073.09	FENCEGRD	150.97
2,039	407794.43	3778073.66	FENCEGRD	150.91
2,040	407789.76	3778074.22	FENCEGRD	150.86
2,041	407785.09	3778074.79	FENCEGRD	150.86
2,042	407780.41	3778075.36	FENCEGRD	150.86
2,043	407775.74	3778075.92	FENCEGRD	150.84
2,044	407771.07	3778076.49	FENCEGRD	150.80

2,045	407766.40	3778077.05	FENCEGRD	150.73
2,046	407761.73	3778077.62	FENCEGRD	150.67
2,047	407757.06	3778078.19	FENCEGRD	150.63
2,048	407752.39	3778078.75	FENCEGRD	150.59
2,049	407747.72	3778079.32	FENCEGRD	150.58
2,050	407743.05	3778079.89	FENCEGRD	150.57
2,051	407738.38	3778080.45	FENCEGRD	150.57
2,052	407733.71	3778081.02	FENCEGRD	150.53
2,053	407729.04	3778081.58	FENCEGRD	150.46
2,054	407724.37	3778082.15	FENCEGRD	150.44
2,055	407719.70	3778082.72	FENCEGRD	150.44
2,056	407715.03	3778083.28	FENCEGRD	150.55
2,057	407710.36	3778083.85	FENCEGRD	150.60
2,058	407705.69	3778084.41	FENCEGRD	150.55
2,059	407701.02	3778084.98	FENCEGRD	150.53
2,060	407696.35	3778085.55	FENCEGRD	150.52
2,061	407691.68	3778086.11	FENCEGRD	150.53
2,062	407687.01	3778086.68	FENCEGRD	150.53
2,063	407682.34	3778087.25	FENCEGRD	150.39
2,064	407677.67	3778087.81	FENCEGRD	150.24
2,065	407673.00	3778088.38	FENCEGRD	150.10
2,066	407668.33	3778088.94	FENCEGRD	149.99
2,067	407663.66	3778089.51	FENCEGRD	149.97
2,068	407658.99	3778090.08	FENCEGRD	149.91
2,069	407654.32	3778090.64	FENCEGRD	149.82
2,070	407649.65	3778091.21	FENCEGRD	149.74
2,071	407644.98	3778091.77	FENCEGRD	149.67
2,072	407640.31	3778092.34	FENCEGRD	149.55
2,073	407635.64	3778092.91	FENCEGRD	149.42
2,074	407630.97	3778093.47	FENCEGRD	149.40
2,075	407626.30	3778094.04	FENCEGRD	149.38
2,076	407621.63	3778094.61	FENCEGRD	149.33
2,077	407616.96	3778095.17	FENCEGRD	149.27
2,078	407655.69	3777572.85	FENCEGRD	138.46
2,079	407656.14	3777568.11	FENCEGRD	138.42
2,080	407656.59	3777563.37	FENCEGRD	138.39
2,081	407657.04	3777558.63	FENCEGRD	138.34
2,082	407657.49	3777553.88	FENCEGRD	138.28

2,083	407657.93	3777549.14	FENCEGRD	138.21
2,084	407658.38	3777544.40	FENCEGRD	138.13
2,085	407658.83	3777539.66	FENCEGRD	138.06
2,086	407659.28	3777534.92	FENCEGRD	138.02
2,087	407659.73	3777530.17	FENCEGRD	137.99
2,088	407660.18	3777525.43	FENCEGRD	137.98
2,089	407660.63	3777520.69	FENCEGRD	137.99
2,090	407661.08	3777515.95	FENCEGRD	137.93
2,091	407661.53	3777511.21	FENCEGRD	137.89
2,092	407661.98	3777506.46	FENCEGRD	137.63
2,093	407662.43	3777501.72	FENCEGRD	137.32
2,094	407659.60	3777575.97	FENCEGRD	138.55
2,095	407661.11	3777568.58	FENCEGRD	138.55
2,096	407661.56	3777563.84	FENCEGRD	138.48
2,097	407662.01	3777559.10	FENCEGRD	138.42
2,098	407662.46	3777554.36	FENCEGRD	138.36
2,099	407662.91	3777549.61	FENCEGRD	138.29
2,100	407663.36	3777544.87	FENCEGRD	138.22
2,101	407663.81	3777540.13	FENCEGRD	138.17
2,102	407664.26	3777535.39	FENCEGRD	138.15
2,103	407664.71	3777530.65	FENCEGRD	138.14
2,104	407665.16	3777525.90	FENCEGRD	138.16
2,105	407665.61	3777521.16	FENCEGRD	138.19
2,106	407666.06	3777516.42	FENCEGRD	138.14
2,107	407666.51	3777511.68	FENCEGRD	138.10
2,108	407666.96	3777506.94	FENCEGRD	137.81
2,109	407664.04	3777577.76	FENCEGRD	138.64
2,110	407658.93	3777584.18	FENCEGRD	138.64
2,111	407666.09	3777569.05	FENCEGRD	138.69
2,112	407666.54	3777564.31	FENCEGRD	138.59
2,113	407666.99	3777559.57	FENCEGRD	138.49
2,114	407667.44	3777554.83	FENCEGRD	138.41
2,115	407667.89	3777550.09	FENCEGRD	138.33
2,116	407668.34	3777545.34	FENCEGRD	138.28
2,117	407668.79	3777540.60	FENCEGRD	138.22
2,118	407669.24	3777535.86	FENCEGRD	138.17
2,119	407669.69	3777531.12	FENCEGRD	138.12
2,120	407670.14	3777526.38	FENCEGRD	138.14

2,121	407670.59	3777521.63	FENCEGRD	138.15
2,122	407671.04	3777516.89	FENCEGRD	138.16
2,123	407671.48	3777512.15	FENCEGRD	138.18
2,124	407671.93	3777507.41	FENCEGRD	137.93
2,125	407672.38	3777502.67	FENCEGRD	137.56
2,126	407669.20	3777577.79	FENCEGRD	138.79
2,127	407663.23	3777587.02	FENCEGRD	138.96
2,128	407671.07	3777569.52	FENCEGRD	138.87
2,129	407671.52	3777564.78	FENCEGRD	138.70
2,130	407671.97	3777560.04	FENCEGRD	138.55
2,131	407672.42	3777555.30	FENCEGRD	138.45
2,132	407672.87	3777550.56	FENCEGRD	138.36
2,133	407673.32	3777545.81	FENCEGRD	138.32
2,134	407673.77	3777541.07	FENCEGRD	138.29
2,135	407674.22	3777536.33	FENCEGRD	138.21
2,136	407674.66	3777531.59	FENCEGRD	138.13
2,137	407675.11	3777526.85	FENCEGRD	138.14
2,138	407675.56	3777522.10	FENCEGRD	138.16
2,139	407676.01	3777517.36	FENCEGRD	138.19
2,140	407676.46	3777512.62	FENCEGRD	138.22
2,141	407676.91	3777507.88	FENCEGRD	138.02
2,142	407673.82	3777579.15	FENCEGRD	138.87
2,143	407672.04	3777583.56	FENCEGRD	138.82
2,144	407666.36	3777590.68	FENCEGRD	139.34
2,145	407662.45	3777593.40	FENCEGRD	139.68
2,146	407675.60	3777574.74	FENCEGRD	139.06
2,147	407676.05	3777570.00	FENCEGRD	139.05
2,148	407676.50	3777565.25	FENCEGRD	138.81
2,149	407676.95	3777560.51	FENCEGRD	138.61
2,150	407677.40	3777555.77	FENCEGRD	138.49
2,151	407677.85	3777551.03	FENCEGRD	138.39
2,152	407678.29	3777546.29	FENCEGRD	138.38
2,153	407678.74	3777541.54	FENCEGRD	138.37
2,154	407679.19	3777536.80	FENCEGRD	138.27
2,155	407679.64	3777532.06	FENCEGRD	138.18
2,156	407680.09	3777527.32	FENCEGRD	138.17
2,157	407680.54	3777522.58	FENCEGRD	138.19
2,158	407680.99	3777517.83	FENCEGRD	138.22

2,159	407681.44	3777513.09	FENCEGRD	138.25
2,160	407681.89	3777508.35	FENCEGRD	138.09
2,161	407682.34	3777503.61	FENCEGRD	137.73
2,162	407773.37	3777588.58	FENCEGRD	140.38
2,163	407771.59	3777592.99	FENCEGRD	141.15
2,164	407769.81	3777597.40	FENCEGRD	143.37
2,165	407768.03	3777601.81	FENCEGRD	145.62
2,166	407766.25	3777606.22	FENCEGRD	146.52
2,167	407764.47	3777610.63	FENCEGRD	147.26
2,168	407762.69	3777615.03	FENCEGRD	147.58
2,169	407760.91	3777619.44	FENCEGRD	147.64
2,170	407759.13	3777623.85	FENCEGRD	147.70
2,171	407757.35	3777628.26	FENCEGRD	147.70
2,172	407755.57	3777632.67	FENCEGRD	147.71
2,173	407753.79	3777637.08	FENCEGRD	147.64
2,174	407752.01	3777641.49	FENCEGRD	147.57
2,175	407750.23	3777645.90	FENCEGRD	147.24
2,176	407744.54	3777653.02	FENCEGRD	145.35
2,177	407740.64	3777655.74	FENCEGRD	143.69
2,178	407736.74	3777658.46	FENCEGRD	141.97
2,179	407732.84	3777661.18	FENCEGRD	141.14
2,180	407728.94	3777663.89	FENCEGRD	141.22
2,181	407725.04	3777666.61	FENCEGRD	141.30
2,182	407721.13	3777669.33	FENCEGRD	141.29
2,183	407717.23	3777672.05	FENCEGRD	141.29
2,184	407713.33	3777674.77	FENCEGRD	141.29
2,185	407709.43	3777677.48	FENCEGRD	141.31
2,186	407705.53	3777680.20	FENCEGRD	141.39
2,187	407701.63	3777682.92	FENCEGRD	141.57
2,188	407697.72	3777685.64	FENCEGRD	141.77
2,189	407693.82	3777688.35	FENCEGRD	141.99
2,190	407775.15	3777584.17	FENCEGRD	140.08
2,191	407775.60	3777579.43	FENCEGRD	139.92
2,192	407776.05	3777574.69	FENCEGRD	139.99
2,193	407776.50	3777569.95	FENCEGRD	140.02
2,194	407776.95	3777565.20	FENCEGRD	139.91
2,195	407777.40	3777560.46	FENCEGRD	139.80
2,196	407777.85	3777555.72	FENCEGRD	139.65

2,197	407778.30	3777550.98	FENCEGRD	139.50
2,198	407778.75	3777546.24	FENCEGRD	139.43
2,199	407779.20	3777541.49	FENCEGRD	139.37
2,200	407779.65	3777536.75	FENCEGRD	139.28
2,201	407780.10	3777532.01	FENCEGRD	139.19
2,202	407780.54	3777527.27	FENCEGRD	139.11
2,203	407780.99	3777522.53	FENCEGRD	139.04
2,204	407781.44	3777517.78	FENCEGRD	138.95
2,205	407781.89	3777513.04	FENCEGRD	138.84
2,206	407872.93	3777598.01	FENCEGRD	144.46
2,207	407871.15	3777602.42	FENCEGRD	146.14
2,208	407869.37	3777606.83	FENCEGRD	146.74
2,209	407867.59	3777611.24	FENCEGRD	147.32
2,210	407865.80	3777615.65	FENCEGRD	147.42
2,211	407864.02	3777620.06	FENCEGRD	147.48
2,212	407862.24	3777624.47	FENCEGRD	147.52
2,213	407860.46	3777628.88	FENCEGRD	147.54
2,214	407858.68	3777633.29	FENCEGRD	147.54
2,215	407856.90	3777637.70	FENCEGRD	147.48
2,216	407855.12	3777642.10	FENCEGRD	147.42
2,217	407853.34	3777646.51	FENCEGRD	147.08
2,218	407851.56	3777650.92	FENCEGRD	146.72
2,219	407849.78	3777655.33	FENCEGRD	145.66
2,220	407848.00	3777659.74	FENCEGRD	144.11
2,221	407846.22	3777664.15	FENCEGRD	142.89
2,222	407844.44	3777668.56	FENCEGRD	142.72
2,223	407842.66	3777672.97	FENCEGRD	142.57
2,224	407840.88	3777677.38	FENCEGRD	142.67
2,225	407839.10	3777681.78	FENCEGRD	142.81
2,226	407837.32	3777686.19	FENCEGRD	142.95
2,227	407835.54	3777690.60	FENCEGRD	143.11
2,228	407833.76	3777695.01	FENCEGRD	143.21
2,229	407831.98	3777699.42	FENCEGRD	143.25
2,230	407830.20	3777703.83	FENCEGRD	143.31
2,231	407828.42	3777708.24	FENCEGRD	143.33
2,232	407822.73	3777715.37	FENCEGRD	143.45
2,233	407818.83	3777718.08	FENCEGRD	143.54
2,234	407814.93	3777720.80	FENCEGRD	143.63

2,235	407811.03	3777723.52	FENCEGRD	143.68
2,236	407807.13	3777726.24	FENCEGRD	143.79
2,237	407803.23	3777728.95	FENCEGRD	143.89
2,238	407799.32	3777731.67	FENCEGRD	143.93
2,239	407795.42	3777734.39	FENCEGRD	143.96
2,240	407791.52	3777737.11	FENCEGRD	143.99
2,241	407787.62	3777739.82	FENCEGRD	144.02
2,242	407783.72	3777742.54	FENCEGRD	144.00
2,243	407779.81	3777745.26	FENCEGRD	143.96
2,244	407775.91	3777747.98	FENCEGRD	143.88
2,245	407772.01	3777750.69	FENCEGRD	143.75
2,246	407768.11	3777753.41	FENCEGRD	143.69
2,247	407764.21	3777756.13	FENCEGRD	143.64
2,248	407760.31	3777758.85	FENCEGRD	143.61
2,249	407756.40	3777761.57	FENCEGRD	143.65
2,250	407752.50	3777764.28	FENCEGRD	143.62
2,251	407748.60	3777767.00	FENCEGRD	143.64
2,252	407744.70	3777769.72	FENCEGRD	143.69
2,253	407740.80	3777772.44	FENCEGRD	143.76
2,254	407736.90	3777775.15	FENCEGRD	143.84
2,255	407732.99	3777777.87	FENCEGRD	143.90
2,256	407729.09	3777780.59	FENCEGRD	143.93
2,257	407725.19	3777783.31	FENCEGRD	143.94
2,258	407874.71	3777593.61	FENCEGRD	142.39
2,259	407875.16	3777588.86	FENCEGRD	141.08
2,260	407875.61	3777584.12	FENCEGRD	141.02
2,261	407876.05	3777579.38	FENCEGRD	140.99
2,262	407876.50	3777574.64	FENCEGRD	141.06
2,263	407876.95	3777569.90	FENCEGRD	141.11
2,264	407877.40	3777565.15	FENCEGRD	141.02
2,265	407877.85	3777560.41	FENCEGRD	140.92
2,266	407878.30	3777555.67	FENCEGRD	140.82
2,267	407878.75	3777550.93	FENCEGRD	140.72
2,268	407879.20	3777546.19	FENCEGRD	140.60
2,269	407879.65	3777541.44	FENCEGRD	140.47
2,270	407880.10	3777536.70	FENCEGRD	140.31
2,271	407880.55	3777531.96	FENCEGRD	140.12
2,272	407881.00	3777527.22	FENCEGRD	140.00

2,273	407881.45	3777522.48	FENCEGRD	139.99
2,274	407972.48	3777607.45	FENCEGRD	147.49
2,275	407970.70	3777611.86	FENCEGRD	148.02
2,276	407968.92	3777616.27	FENCEGRD	148.07
2,277	407967.14	3777620.67	FENCEGRD	148.11
2,278	407965.36	3777625.08	FENCEGRD	148.10
2,279	407963.58	3777629.49	FENCEGRD	148.08
2,280	407961.80	3777633.90	FENCEGRD	148.02
2,281	407960.02	3777638.31	FENCEGRD	147.92
2,282	407958.24	3777642.72	FENCEGRD	147.74
2,283	407956.46	3777647.13	FENCEGRD	147.29
2,284	407954.68	3777651.54	FENCEGRD	146.83
2,285	407952.90	3777655.95	FENCEGRD	145.69
2,286	407951.12	3777660.36	FENCEGRD	144.46
2,287	407949.34	3777664.76	FENCEGRD	143.89
2,288	407947.55	3777669.17	FENCEGRD	143.77
2,289	407945.77	3777673.58	FENCEGRD	143.76
2,290	407943.99	3777677.99	FENCEGRD	143.89
2,291	407942.21	3777682.40	FENCEGRD	143.99
2,292	407940.43	3777686.81	FENCEGRD	144.04
2,293	407938.65	3777691.22	FENCEGRD	144.07
2,294	407936.87	3777695.63	FENCEGRD	144.15
2,295	407935.09	3777700.04	FENCEGRD	144.23
2,296	407933.31	3777704.45	FENCEGRD	144.32
2,297	407931.53	3777708.85	FENCEGRD	144.41
2,298	407929.75	3777713.26	FENCEGRD	144.51
2,299	407927.97	3777717.67	FENCEGRD	144.60
2,300	407926.19	3777722.08	FENCEGRD	144.70
2,301	407924.41	3777726.49	FENCEGRD	144.81
2,302	407922.63	3777730.90	FENCEGRD	144.94
2,303	407920.85	3777735.31	FENCEGRD	145.07
2,304	407919.07	3777739.72	FENCEGRD	145.19
2,305	407917.29	3777744.13	FENCEGRD	145.28
2,306	407915.51	3777748.54	FENCEGRD	145.34
2,307	407913.73	3777752.94	FENCEGRD	145.42
2,308	407911.95	3777757.35	FENCEGRD	145.46
2,309	407910.17	3777761.76	FENCEGRD	145.51
2,310	407908.39	3777766.17	FENCEGRD	145.56

2,311	407906.61	3777770.58	FENCEGRD	145.53
2,312	407900.92	3777777.71	FENCEGRD	145.55
2,313	407897.02	3777780.42	FENCEGRD	145.61
2,314	407893.12	3777783.14	FENCEGRD	145.68
2,315	407889.22	3777785.86	FENCEGRD	145.76
2,316	407885.32	3777788.58	FENCEGRD	145.82
2,317	407881.41	3777791.29	FENCEGRD	145.87
2,318	407877.51	3777794.01	FENCEGRD	145.95
2,319	407873.61	3777796.73	FENCEGRD	145.99
2,320	407869.71	3777799.45	FENCEGRD	146.01
2,321	407865.81	3777802.17	FENCEGRD	146.03
2,322	407861.91	3777804.88	FENCEGRD	146.05
2,323	407858.00	3777807.60	FENCEGRD	146.07
2,324	407854.10	3777810.32	FENCEGRD	146.13
2,325	407850.20	3777813.04	FENCEGRD	146.19
2,326	407846.30	3777815.75	FENCEGRD	146.24
2,327	407842.40	3777818.47	FENCEGRD	146.29
2,328	407838.50	3777821.19	FENCEGRD	146.33
2,329	407834.59	3777823.91	FENCEGRD	146.33
2,330	407830.69	3777826.62	FENCEGRD	146.34
2,331	407826.79	3777829.34	FENCEGRD	146.37
2,332	407822.89	3777832.06	FENCEGRD	146.36
2,333	407818.99	3777834.78	FENCEGRD	146.32
2,334	407815.08	3777837.49	FENCEGRD	146.30
2,335	407811.18	3777840.21	FENCEGRD	146.29
2,336	407807.28	3777842.93	FENCEGRD	146.20
2,337	407803.38	3777845.65	FENCEGRD	146.18
2,338	407799.48	3777848.37	FENCEGRD	146.24
2,339	407795.58	3777851.08	FENCEGRD	146.34
2,340	407791.67	3777853.80	FENCEGRD	146.39
2,341	407787.77	3777856.52	FENCEGRD	146.40
2,342	407783.87	3777859.24	FENCEGRD	146.39
2,343	407779.97	3777861.95	FENCEGRD	146.35
2,344	407776.07	3777864.67	FENCEGRD	146.32
2,345	407772.17	3777867.39	FENCEGRD	146.32
2,346	407768.26	3777870.11	FENCEGRD	146.33
2,347	407764.36	3777872.82	FENCEGRD	146.36
2,348	407760.46	3777875.54	FENCEGRD	146.38

2,349	407756.56	3777878.26	FENCEGRD	146.40
2,350	407974.26	3777603.04	FENCEGRD	146.68
2,351	407974.71	3777598.30	FENCEGRD	145.68
2,352	407975.16	3777593.55	FENCEGRD	144.50
2,353	407975.61	3777588.81	FENCEGRD	143.44
2,354	407976.06	3777584.07	FENCEGRD	142.72
2,355	407976.51	3777579.33	FENCEGRD	142.04
2,356	407976.96	3777574.59	FENCEGRD	142.12
2,357	407977.41	3777569.84	FENCEGRD	142.19
2,358	407977.86	3777565.10	FENCEGRD	142.20
2,359	407978.30	3777560.36	FENCEGRD	142.22
2,360	407978.75	3777555.62	FENCEGRD	142.09
2,361	407979.20	3777550.88	FENCEGRD	141.91
2,362	407979.65	3777546.13	FENCEGRD	141.73
2,363	407980.10	3777541.39	FENCEGRD	141.55
2,364	407980.55	3777536.65	FENCEGRD	141.39
2,365	407981.00	3777531.91	FENCEGRD	141.27
2,366	408072.03	3777616.88	FENCEGRD	150.03
2,367	408070.25	3777621.29	FENCEGRD	150.04
2,368	408068.47	3777625.70	FENCEGRD	150.01
2,369	408066.69	3777630.11	FENCEGRD	149.98
2,370	408064.91	3777634.52	FENCEGRD	149.87
2,371	408063.13	3777638.93	FENCEGRD	149.77
2,372	408061.35	3777643.33	FENCEGRD	149.67
2,373	408059.57	3777647.74	FENCEGRD	149.55
2,374	408057.79	3777652.15	FENCEGRD	149.37
2,375	408056.01	3777656.56	FENCEGRD	149.09
2,376	408054.23	3777660.97	FENCEGRD	148.80
2,377	408052.45	3777665.38	FENCEGRD	147.06
2,378	408050.67	3777669.79	FENCEGRD	145.35
2,379	408048.89	3777674.20	FENCEGRD	144.90
2,380	408047.11	3777678.61	FENCEGRD	145.11
2,381	408045.33	3777683.02	FENCEGRD	145.35
2,382	408043.55	3777687.42	FENCEGRD	145.64
2,383	408041.77	3777691.83	FENCEGRD	145.91
2,384	408039.99	3777696.24	FENCEGRD	146.03
2,385	408038.21	3777700.65	FENCEGRD	146.10
2,386	408036.43	3777705.06	FENCEGRD	146.12

2,387	408034.65	3777709.47	FENCEGRD	146.15
2,388	408032.87	3777713.88	FENCEGRD	146.21
2,389	408031.09	3777718.29	FENCEGRD	146.30
2,390	408029.30	3777722.70	FENCEGRD	146.40
2,391	408027.52	3777727.11	FENCEGRD	146.49
2,392	408025.74	3777731.51	FENCEGRD	146.58
2,393	408023.96	3777735.92	FENCEGRD	146.68
2,394	408022.18	3777740.33	FENCEGRD	146.72
2,395	408020.40	3777744.74	FENCEGRD	146.73
2,396	408018.62	3777749.15	FENCEGRD	146.71
2,397	408016.84	3777753.56	FENCEGRD	146.72
2,398	408015.06	3777757.97	FENCEGRD	146.74
2,399	408013.28	3777762.38	FENCEGRD	146.77
2,400	408011.50	3777766.79	FENCEGRD	146.78
2,401	408009.72	3777771.20	FENCEGRD	146.78
2,402	408007.94	3777775.60	FENCEGRD	146.83
2,403	408006.16	3777780.01	FENCEGRD	146.98
2,404	408004.38	3777784.42	FENCEGRD	147.10
2,405	408002.60	3777788.83	FENCEGRD	147.10
2,406	408000.82	3777793.24	FENCEGRD	147.11
2,407	407999.04	3777797.65	FENCEGRD	147.14
2,408	407997.26	3777802.06	FENCEGRD	147.21
2,409	407995.48	3777806.47	FENCEGRD	147.26
2,410	407993.70	3777810.88	FENCEGRD	147.30
2,411	407991.92	3777815.29	FENCEGRD	147.33
2,412	407990.14	3777819.69	FENCEGRD	147.44
2,413	407988.36	3777824.10	FENCEGRD	147.52
2,414	407986.58	3777828.51	FENCEGRD	147.54
2,415	407984.79	3777832.92	FENCEGRD	147.55
2,416	407979.11	3777840.05	FENCEGRD	147.62
2,417	407975.21	3777842.77	FENCEGRD	147.64
2,418	407971.31	3777845.48	FENCEGRD	147.65
2,419	407967.41	3777848.20	FENCEGRD	147.69
2,420	407963.51	3777850.92	FENCEGRD	147.77
2,421	407959.60	3777853.64	FENCEGRD	147.89
2,422	407955.70	3777856.35	FENCEGRD	147.98
2,423	407951.80	3777859.07	FENCEGRD	147.98
2,424	407947.90	3777861.79	FENCEGRD	147.96

2,425	407944.00	3777864.51	FENCEGRD	147.97
2,426	407940.10	3777867.22	FENCEGRD	148.01
2,427	407936.19	3777869.94	FENCEGRD	148.07
2,428	407932.29	3777872.66	FENCEGRD	148.14
2,429	407928.39	3777875.38	FENCEGRD	148.22
2,430	407924.49	3777878.09	FENCEGRD	148.28
2,431	407920.59	3777880.81	FENCEGRD	148.37
2,432	407916.68	3777883.53	FENCEGRD	148.47
2,433	407912.78	3777886.25	FENCEGRD	148.52
2,434	407908.88	3777888.97	FENCEGRD	148.47
2,435	407904.98	3777891.68	FENCEGRD	148.44
2,436	407901.08	3777894.40	FENCEGRD	148.50
2,437	407897.18	3777897.12	FENCEGRD	148.51
2,438	407893.27	3777899.84	FENCEGRD	148.48
2,439	407889.37	3777902.55	FENCEGRD	148.44
2,440	407885.47	3777905.27	FENCEGRD	148.43
2,441	407881.57	3777907.99	FENCEGRD	148.44
2,442	407877.67	3777910.71	FENCEGRD	148.45
2,443	407873.77	3777913.42	FENCEGRD	148.44
2,444	407869.86	3777916.14	FENCEGRD	148.46
2,445	407865.96	3777918.86	FENCEGRD	148.52
2,446	407862.06	3777921.58	FENCEGRD	148.61
2,447	407858.16	3777924.29	FENCEGRD	148.65
2,448	407854.26	3777927.01	FENCEGRD	148.64
2,449	407850.36	3777929.73	FENCEGRD	148.65
2,450	407846.45	3777932.45	FENCEGRD	148.70
2,451	407842.55	3777935.16	FENCEGRD	148.79
2,452	407838.65	3777937.88	FENCEGRD	148.89
2,453	407834.75	3777940.60	FENCEGRD	148.81
2,454	407830.85	3777943.32	FENCEGRD	148.73
2,455	407826.94	3777946.04	FENCEGRD	148.76
2,456	407823.04	3777948.75	FENCEGRD	148.79
2,457	407819.14	3777951.47	FENCEGRD	148.83
2,458	407815.24	3777954.19	FENCEGRD	148.91
2,459	407811.34	3777956.91	FENCEGRD	148.98
2,460	407807.44	3777959.62	FENCEGRD	149.02
2,461	407803.53	3777962.34	FENCEGRD	148.97
2,462	407799.63	3777965.06	FENCEGRD	148.86

2,463	407795.73	3777967.78	FENCEGRD	148.78
2,464	407791.83	3777970.49	FENCEGRD	148.71
2,465	407787.93	3777973.21	FENCEGRD	148.71
2,466	408073.81	3777612.47	FENCEGRD	149.99
2,467	408074.26	3777607.73	FENCEGRD	149.87
2,468	408074.71	3777602.99	FENCEGRD	149.68
2,469	408075.16	3777598.25	FENCEGRD	149.27
2,470	408075.61	3777593.50	FENCEGRD	147.86
2,471	408076.06	3777588.76	FENCEGRD	146.42
2,472	408076.51	3777584.02	FENCEGRD	144.79
2,473	408076.96	3777579.28	FENCEGRD	143.17
2,474	408077.41	3777574.54	FENCEGRD	143.01
2,475	408077.86	3777569.79	FENCEGRD	143.09
2,476	408078.31	3777565.05	FENCEGRD	142.98
2,477	408078.76	3777560.31	FENCEGRD	142.79
2,478	408079.21	3777555.57	FENCEGRD	142.59
2,479	408079.66	3777550.83	FENCEGRD	142.40
2,480	408080.11	3777546.08	FENCEGRD	142.23
2,481	408080.55	3777541.34	FENCEGRD	142.08
2,482	408171.59	3777626.31	FENCEGRD	151.64
2,483	408169.81	3777630.72	FENCEGRD	151.60
2,484	408168.03	3777635.13	FENCEGRD	151.52
2,485	408166.25	3777639.54	FENCEGRD	151.43
2,486	408164.47	3777643.95	FENCEGRD	151.35
2,487	408162.69	3777648.36	FENCEGRD	151.27
2,488	408160.91	3777652.77	FENCEGRD	150.19
2,489	408159.13	3777657.18	FENCEGRD	148.76
2,490	408157.35	3777661.59	FENCEGRD	147.56
2,491	408155.56	3777666.00	FENCEGRD	146.60
2,492	408153.78	3777670.40	FENCEGRD	145.62
2,493	408152.00	3777674.81	FENCEGRD	145.84
2,494	408150.22	3777679.22	FENCEGRD	146.03
2,495	408148.44	3777683.63	FENCEGRD	146.22
2,496	408146.66	3777688.04	FENCEGRD	146.45
2,497	408144.88	3777692.45	FENCEGRD	146.66
2,498	408143.10	3777696.86	FENCEGRD	146.75
2,499	408141.32	3777701.27	FENCEGRD	146.83
2,500	408139.54	3777705.68	FENCEGRD	146.92

2,501	408137.76	3777710.09	FENCEGRD	147.00
2,502	408135.98	3777714.49	FENCEGRD	147.13
2,503	408134.20	3777718.90	FENCEGRD	147.30
2,504	408132.42	3777723.31	FENCEGRD	147.45
2,505	408130.64	3777727.72	FENCEGRD	147.56
2,506	408128.86	3777732.13	FENCEGRD	147.67
2,507	408127.08	3777736.54	FENCEGRD	147.97
2,508	408125.30	3777740.95	FENCEGRD	148.27
2,509	408123.52	3777745.36	FENCEGRD	148.33
2,510	408121.74	3777749.77	FENCEGRD	148.27
2,511	408119.96	3777754.18	FENCEGRD	148.20
2,512	408118.18	3777758.58	FENCEGRD	148.11
2,513	408116.40	3777762.99	FENCEGRD	148.02
2,514	408114.62	3777767.40	FENCEGRD	148.04
2,515	408112.84	3777771.81	FENCEGRD	148.07
2,516	408111.05	3777776.22	FENCEGRD	148.18
2,517	408109.27	3777780.63	FENCEGRD	148.33
2,518	408107.49	3777785.04	FENCEGRD	148.49
2,519	408105.71	3777789.45	FENCEGRD	148.56
2,520	408103.93	3777793.86	FENCEGRD	148.61
2,521	408102.15	3777798.26	FENCEGRD	148.65
2,522	408100.37	3777802.67	FENCEGRD	148.73
2,523	408098.59	3777807.08	FENCEGRD	148.85
2,524	408096.81	3777811.49	FENCEGRD	148.96
2,525	408095.03	3777815.90	FENCEGRD	149.06
2,526	408093.25	3777820.31	FENCEGRD	149.18
2,527	408091.47	3777824.72	FENCEGRD	149.29
2,528	408089.69	3777829.13	FENCEGRD	149.35
2,529	408087.91	3777833.54	FENCEGRD	149.41
2,530	408086.13	3777837.95	FENCEGRD	149.45
2,531	408084.35	3777842.35	FENCEGRD	149.51
2,532	408082.57	3777846.76	FENCEGRD	149.54
2,533	408080.79	3777851.17	FENCEGRD	149.56
2,534	408079.01	3777855.58	FENCEGRD	149.57
2,535	408077.23	3777859.99	FENCEGRD	149.53
2,536	408075.45	3777864.40	FENCEGRD	149.50
2,537	408073.67	3777868.81	FENCEGRD	149.59
2,538	408071.89	3777873.22	FENCEGRD	149.75

2,539	408070.11	3777877.63	FENCEGRD	149.90
2,540	408068.33	3777882.04	FENCEGRD	150.08
2,541	408066.54	3777886.44	FENCEGRD	150.26
2,542	408064.76	3777890.85	FENCEGRD	150.30
2,543	408062.98	3777895.26	FENCEGRD	150.33
2,544	408057.30	3777902.39	FENCEGRD	150.43
2,545	408053.40	3777905.11	FENCEGRD	150.45
2,546	408049.50	3777907.82	FENCEGRD	150.48
2,547	408045.60	3777910.54	FENCEGRD	150.53
2,548	408041.69	3777913.26	FENCEGRD	150.55
2,549	408037.79	3777915.98	FENCEGRD	150.51
2,550	408033.89	3777918.70	FENCEGRD	150.48
2,551	408029.99	3777921.41	FENCEGRD	150.58
2,552	408026.09	3777924.13	FENCEGRD	150.68
2,553	408022.19	3777926.85	FENCEGRD	150.77
2,554	408018.28	3777929.57	FENCEGRD	150.82
2,555	408014.38	3777932.28	FENCEGRD	150.83
2,556	408010.48	3777935.00	FENCEGRD	150.85
2,557	408006.58	3777937.72	FENCEGRD	150.87
2,558	408002.68	3777940.44	FENCEGRD	150.86
2,559	407998.78	3777943.15	FENCEGRD	150.87
2,560	407994.87	3777945.87	FENCEGRD	150.87
2,561	407990.97	3777948.59	FENCEGRD	150.85
2,562	407987.07	3777951.31	FENCEGRD	150.85
2,563	407983.17	3777954.02	FENCEGRD	150.83
2,564	407979.27	3777956.74	FENCEGRD	150.80
2,565	407975.37	3777959.46	FENCEGRD	150.80
2,566	407971.46	3777962.18	FENCEGRD	150.75
2,567	407967.56	3777964.89	FENCEGRD	150.70
2,568	407963.66	3777967.61	FENCEGRD	150.65
2,569	407959.76	3777970.33	FENCEGRD	150.62
2,570	407955.86	3777973.05	FENCEGRD	150.72
2,571	407951.95	3777975.77	FENCEGRD	150.83
2,572	407948.05	3777978.48	FENCEGRD	150.89
2,573	407944.15	3777981.20	FENCEGRD	150.80
2,574	407940.25	3777983.92	FENCEGRD	150.74
2,575	407936.35	3777986.64	FENCEGRD	150.84
2,576	407932.45	3777989.35	FENCEGRD	150.98

2,577	407928.54	3777992.07	FENCEGRD	151.09
2,578	407924.64	3777994.79	FENCEGRD	151.16
2,579	407920.74	3777997.51	FENCEGRD	151.12
2,580	407916.84	3778000.22	FENCEGRD	151.11
2,581	407912.94	3778002.94	FENCEGRD	151.15
2,582	407909.04	3778005.66	FENCEGRD	151.20
2,583	407905.13	3778008.38	FENCEGRD	151.23
2,584	407901.23	3778011.09	FENCEGRD	151.24
2,585	407897.33	3778013.81	FENCEGRD	151.32
2,586	407893.43	3778016.53	FENCEGRD	151.34
2,587	407889.53	3778019.25	FENCEGRD	151.29
2,588	407885.63	3778021.96	FENCEGRD	151.31
2,589	407881.72	3778024.68	FENCEGRD	151.39
2,590	407877.82	3778027.40	FENCEGRD	151.42
2,591	407873.92	3778030.12	FENCEGRD	151.39
2,592	407870.02	3778032.84	FENCEGRD	151.38
2,593	407866.12	3778035.55	FENCEGRD	151.38
2,594	407862.21	3778038.27	FENCEGRD	151.38
2,595	407858.31	3778040.99	FENCEGRD	151.36
2,596	407854.41	3778043.71	FENCEGRD	151.37
2,597	407850.51	3778046.42	FENCEGRD	151.40
2,598	407846.61	3778049.14	FENCEGRD	151.37
2,599	407842.71	3778051.86	FENCEGRD	151.30
2,600	407838.80	3778054.58	FENCEGRD	151.28
2,601	407834.90	3778057.29	FENCEGRD	151.33
2,602	407831.00	3778060.01	FENCEGRD	151.35
2,603	407827.10	3778062.73	FENCEGRD	151.36
2,604	407823.20	3778065.45	FENCEGRD	151.33
2,605	407819.30	3778068.16	FENCEGRD	151.26
2,606	408173.37	3777621.91	FENCEGRD	151.64
2,607	408173.82	3777617.16	FENCEGRD	151.61
2,608	408174.27	3777612.42	FENCEGRD	151.54
2,609	408174.72	3777607.68	FENCEGRD	151.47
2,610	408175.17	3777602.94	FENCEGRD	151.40
2,611	408175.62	3777598.20	FENCEGRD	151.32
2,612	408176.06	3777593.45	FENCEGRD	148.89
2,613	408176.51	3777588.71	FENCEGRD	146.42
2,614	408176.96	3777583.97	FENCEGRD	145.01

2,615	408177.41	3777579.23	FENCEGRD	143.83
2,616	408177.86	3777574.49	FENCEGRD	143.48
2,617	408178.31	3777569.74	FENCEGRD	143.57
2,618	408178.76	3777565.00	FENCEGRD	143.53
2,619	408179.21	3777560.26	FENCEGRD	143.35
2,620	408179.66	3777555.52	FENCEGRD	143.19
2,621	408180.11	3777550.78	FENCEGRD	143.08
2,622	407650.71	3777572.38	FENCEPRI	138.36
2,623	407657.45	3777501.25	FENCEPRI	137.20
2,624	407547.01	3777500.51	FENCEPRI	136.19
2,625	407544.02	3777526.34	FENCEPRI	136.81
2,626	407544.02	3777564.52	FENCEPRI	137.65
2,627	407649.59	3777572.75	FENCEPRI	138.35
2,628	407651.16	3777567.64	FENCEINT	138.29
2,629	407651.61	3777562.90	FENCEINT	138.23
2,630	407652.06	3777558.15	FENCEINT	138.17
2,631	407652.51	3777553.41	FENCEINT	138.12
2,632	407652.96	3777548.67	FENCEINT	138.06
2,633	407653.41	3777543.93	FENCEINT	138.00
2,634	407653.86	3777539.19	FENCEINT	137.94
2,635	407654.30	3777534.44	FENCEINT	137.87
2,636	407654.75	3777529.70	FENCEINT	137.80
2,637	407655.20	3777524.96	FENCEINT	137.72
2,638	407655.65	3777520.22	FENCEINT	137.65
2,639	407656.10	3777515.48	FENCEINT	137.58
2,640	407656.55	3777510.73	FENCEINT	137.52
2,641	407657.00	3777505.99	FENCEINT	137.37
2,642	407652.65	3777501.22	FENCEINT	137.11
2,643	407647.85	3777501.19	FENCEINT	137.03
2,644	407643.04	3777501.15	FENCEINT	136.98
2,645	407638.24	3777501.12	FENCEINT	136.95
2,646	407633.44	3777501.09	FENCEINT	136.91
2,647	407628.64	3777501.06	FENCEINT	136.87
2,648	407623.84	3777501.02	FENCEINT	136.80
2,649	407619.04	3777500.99	FENCEINT	136.77
2,650	407614.23	3777500.96	FENCEINT	136.81
2,651	407609.43	3777500.93	FENCEINT	136.71
2,652	407604.63	3777500.90	FENCEINT	136.53

2,653	407599.83	3777500.86	FENCEINT	136.52
2,654	407595.03	3777500.83	FENCEINT	136.54
2,655	407590.23	3777500.80	FENCEINT	136.67
2,656	407585.42	3777500.77	FENCEINT	136.71
2,657	407580.62	3777500.74	FENCEINT	136.54
2,658	407575.82	3777500.70	FENCEINT	136.45
2,659	407571.02	3777500.67	FENCEINT	136.42
2,660	407566.22	3777500.64	FENCEINT	136.38
2,661	407561.42	3777500.61	FENCEINT	136.35
2,662	407556.61	3777500.57	FENCEINT	136.27
2,663	407551.81	3777500.54	FENCEINT	136.20
2,664	407546.51	3777504.82	FENCEINT	136.31
2,665	407546.01	3777509.12	FENCEINT	136.43
2,666	407545.52	3777513.43	FENCEINT	136.53
2,667	407545.02	3777517.73	FENCEINT	136.63
2,668	407544.52	3777522.04	FENCEINT	136.72
2,669	407544.02	3777531.11	FENCEINT	136.92
2,670	407544.02	3777535.89	FENCEINT	137.03
2,671	407544.02	3777540.66	FENCEINT	137.15
2,672	407544.02	3777545.43	FENCEINT	137.26
2,673	407544.02	3777550.20	FENCEINT	137.36
2,674	407544.02	3777554.98	FENCEINT	137.46
2,675	407544.02	3777559.75	FENCEINT	137.57
2,676	407548.82	3777564.89	FENCEINT	137.78
2,677	407553.62	3777565.27	FENCEINT	137.90
2,678	407558.42	3777565.64	FENCEINT	137.93
2,679	407563.21	3777566.02	FENCEINT	137.94
2,680	407568.01	3777566.39	FENCEINT	137.94
2,681	407572.81	3777566.76	FENCEINT	137.95
2,682	407577.61	3777567.14	FENCEINT	137.95
2,683	407582.41	3777567.51	FENCEINT	137.93
2,684	407587.21	3777567.89	FENCEINT	137.91
2,685	407592.01	3777568.26	FENCEINT	137.91
2,686	407596.81	3777568.64	FENCEINT	137.90
2,687	407601.60	3777569.01	FENCEINT	137.88
2,688	407606.40	3777569.38	FENCEINT	137.89
2,689	407611.20	3777569.76	FENCEINT	137.96
2,690	407616.00	3777570.13	FENCEINT	138.02

2,691	407620.80	3777570.51	FENCEINT	138.07	
2,692	407625.60	3777570.88	FENCEINT	138.14	
2,693	407630.40	3777571.25	FENCEINT	138.21	
2,694	407635.19	3777571.63	FENCEINT	138.29	
2,695	407639.99	3777572.00	FENCEINT	138.35	
2,696	407644.79	3777572.38	FENCEINT	138.32	

Plant Boundary Receptors

Cartesian Plant Boundary

Primary

Record Number	X-Coordinate [m]	Y-Coordinate [m]	Group Name (Optional)	Terrain Elevations	Flagpole Heights [m] (Optional)
1	407650.71	3777572.38	FENCEPRI	138.36	
2	407657.45	3777501.25	FENCEPRI	137.20	
3	407547.01	3777500.51	FENCEPRI	136.19	
4	407544.02	3777526.34	FENCEPRI	136.81	
5	407544.02	3777564.52	FENCEPRI	137.65	
6	407649.59	3777572.75	FENCEPRI	138.35	

Intermediate

Record Number	X-Coordinate [m]	Y-Coordinate [m]	Group Name (Optional)	Terrain Elevations	Flagpole Heights [m] (Optional)
1	407651.16	3777567.64	FENCEINT	138.29	
2	407651.61	3777562.90	FENCEINT	138.23	
3	407652.06	3777558.15	FENCEINT	138.17	
4	407652.51	3777553.41	FENCEINT	138.12	
5	407652.96	3777548.67	FENCEINT	138.06	
6	407653.41	3777543.93	FENCEINT	138.00	
7	407653.86	3777539.19	FENCEINT	137.94	
8	407654.30	3777534.44	FENCEINT	137.87	
9	407654.75	3777529.70	FENCEINT	137.80	
10	407655.20	3777524.96	FENCEINT	137.72	
11	407655.65	3777520.22	FENCEINT	137.65	
12	407656.10	3777515.48	FENCEINT	137.58	
13	407656.55	3777510.73	FENCEINT	137.52	
14	407657.00	3777505.99	FENCEINT	137.37	
15	407652.65	3777501.22	FENCEINT	137.11	
16	407647.85	3777501.19	FENCEINT	137.03	
17	407643.04	3777501.15	FENCEINT	136.98	
18	407638.24	3777501.12	FENCEINT	136.95	
19	407633.44	3777501.09	FENCEINT	136.91	

20	407628.64	3777501.06	FENCEINT	136.87	
21	407623.84	3777501.02	FENCEINT	136.80	
22	407619.04	3777500.99	FENCEINT	136.77	
23	407614.23	3777500.96	FENCEINT	136.81	
24	407609.43	3777500.93	FENCEINT	136.71	
25	407604.63	3777500.90	FENCEINT	136.53	
26	407599.83	3777500.86	FENCEINT	136.52	
27	407595.03	3777500.83	FENCEINT	136.54	
28	407590.23	3777500.80	FENCEINT	136.67	
29	407585.42	3777500.77	FENCEINT	136.71	
30	407580.62	3777500.74	FENCEINT	136.54	
31	407575.82	3777500.70	FENCEINT	136.45	
32	407571.02	3777500.67	FENCEINT	136.42	
33	407566.22	3777500.64	FENCEINT	136.38	
34	407561.42	3777500.61	FENCEINT	136.35	
35	407556.61	3777500.57	FENCEINT	136.27	
36	407551.81	3777500.54	FENCEINT	136.20	
37	407546.51	3777504.82	FENCEINT	136.31	
38	407546.01	3777509.12	FENCEINT	136.43	
39	407545.52	3777513.43	FENCEINT	136.53	
40	407545.02	3777517.73	FENCEINT	136.63	
41	407544.52	3777522.04	FENCEINT	136.72	
42	407544.02	3777531.11	FENCEINT	136.92	
43	407544.02	3777535.89	FENCEINT	137.03	
44	407544.02	3777540.66	FENCEINT	137.15	
45	407544.02	3777545.43	FENCEINT	137.26	
46	407544.02	3777550.20	FENCEINT	137.36	
47	407544.02	3777554.98	FENCEINT	137.46	
48	407544.02	3777559.75	FENCEINT	137.57	
49	407548.82	3777564.89	FENCEINT	137.78	
50	407553.62	3777565.27	FENCEINT	137.90	
51	407558.42	3777565.64	FENCEINT	137.93	
52	407563.21	3777566.02	FENCEINT	137.94	
53	407568.01	3777566.39	FENCEINT	137.94	
54	407572.81	3777566.76	FENCEINT	137.95	
55	407577.61	3777567.14	FENCEINT	137.95	
56	407582.41	3777567.51	FENCEINT	137.93	
57	407587.21	3777567.89	FENCEINT	137.91	
58	407592.01	3777568.26	FENCEINT	137.91	
59	407596.81	3777568.64	FENCEINT	137.90	
60	407601.60	3777569.01	FENCEINT	137.88	

61	407606.40	3777569.38	FENCEINT	137.89	
62	407611.20	3777569.76	FENCEINT	137.96	
63	407616.00	3777570.13	FENCEINT	138.02	
64	407620.80	3777570.51	FENCEINT	138.07	
65	407625.60	3777570.88	FENCEINT	138.14	
66	407630.40	3777571.25	FENCEINT	138.21	
67	407635.19	3777571.63	FENCEINT	138.29	
68	407639.99	3777572.00	FENCEINT	138.35	
69	407644.79	3777572.38	FENCEINT	138.32	

Receptor Groups

Record Number	Group ID	Group Description
1	FENCEPRI	Cartesian plant boundary Primary Receptors
2	FENCEINT	Cartesian plant boundary Intermediate Receptors
3	FENCEGRD	Receptors generated from Fenceline Grid

Meteorology Pathway

AERMOD

Met Input Data

Surface Met Data

Filename: C:\Users\sjremote\Desktop\SCAQMD_MetData\AZUS_V9_ADJU\AZUS_v9.SFC
Format Type: Default AERMET format

Profile Met Data

Filename: C:\Users\sjremote\Desktop\SCAQMD_MetData\AZUS_V9_ADJU\AZUS_v9.PFL
Format Type: Default AERMET format

Wind Speed

☐ Wind Speeds are Vector Mean (Not Scalar Means)

Wind Direction

Rotation Adjustment [deg]:

Potential Temperature Profile

Base Elevation above MSL (for Primary Met Tower): 182.00 [m]

Meteorological Station Data

Stations	Station No.	Year	X Coordinate [m]	Y Coordinate [m]	Station Name
Surface		2012			
Upper Air		2012			

Data Period

Data Period to Process

Start Date: 1/1/2012 Start Hour: 1 End Date: 12/31/2016 End Hour: 24

Wind Speed Categories

Stability Category	Wind Speed [m/s]	Stability Category	Wind Speed [m/s]
A	1.54	D	8.23
B	3.09	E	10.8
C	5.14	F	No Upper Bound

Results Summary

C:\Lakes\CH-127 Pomona DC R2\CH-127 Pomona DC R2.isc

PM10 - Concentration - Source Group: ALL

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.14948	ug/m^3	407443.51	3777627.07	143.46	0.00	143.46	