Appendix A
Air Quality Modeling Files

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Bay Area Air Quality Management District

Roadway Screening Analysis Calculator

County specific tables containing estimates of risk and hazard impacts from roadways in the Bay Area.

INSTRUCTIONS:

Input the site-specific characteristics of your project by using the drop down menu in the “Search Parameter” box. We recommend that this analysis be used for roadways with 10,000 AADT and above.

• County: Select the County where the project is located. The calculator is only applicable for projects within the nine Bay Area counties.

• Roadway Direction: Select the orientation that best matches the roadway. If the roadway orientation is neither clearly north-south nor east-west, use the highest values predicted from either orientation.

• Side of the Roadway: Identify on which side of the roadway the project is located.

• Distance from Roadway: Enter the distance in feet from the nearest edge of the roadway to the project site. The calculator estimates values for distances greater than 10 feet and less than 1000 feet. For distances greater than 1000 feet, the user can choose to extrapolate values using a distribution curve or apply 1000 feet values for greater distances.

• Annual Average Daily Traffic (ADT): Enter the annual average daily traffic on the roadway. These data may be collected from the city or the county (if the area is unincorporated).

When the user has completed the data entries, the screening level PM2.5 annual average concentration and the cancer risk results will appear in the Results Box on the right. Please note that the roadway tool is not applicable for California State Highways and the District refers the user to the Highway Screening Analysis Tool at: http://www.baaqmd.gov/Divisions/Planning-and-Research/CEQA-GUIDELINES/Tools-and-Methodology.aspx.

Notes and References listed below the Search Boxes

Search Parameters

County		
Roadway Direction		
Side of the Roadway		
Distance from Roadway	225	feet
Annual Average Daily Traffic (ADT)	20,000	

Results

Santa Clara County

EAST-WEST DIRECTIONAL ROADWAY

PM2.5 annual average

0.103 ($\mu g/m^3$)

Cancer Risk

4.09 (per million)

Data for Santa Clara County based on meteorological data collected from San Jose Airport in 1997

Notes and References:

1. Emissions were developed using EMFAC2011 for fleet mix in 2014 assuming 10,000 AADT and includes impacts from diesel and gasoline vehicle exhaust, brake and tire wear, and resuspended dust.
2. Roadways were modeled using CALINE4 air dispersion model assuming a source length of one kilometer. Meteorological data used to estimate the screening values are noted at the bottom of the “Results” box.
3. Cancer risks were estimated for 70 year lifetime exposure starting in 2014 that includes sensitivity values for early life exposures and OEHHA toxicity values adopted in 2013.

Bay Area Air Quality Management District

Roadway Screening Analysis Calculator

County specific tables containing estimates of risk and hazard impacts from roadways in the Bay Area.

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Notes and References listed below the Search Boxes

Search Parameters

County		
Roadway Direction		
Side of the Roadway		
Distance from Roadway	150	feet
Annual Average Daily Traffic (ADT)	20,000	

Results

Santa Clara County

EAST-WEST DIRECTIONAL ROADWAY

PM2.5 annual average

0.106 ($\mu g/m^3$)

Cancer Risk

5.42 (per million)

Data for Santa Clara County based on meteorological data collected from San Jose Airport in 1997

Notes and References:

1. Emissions were developed using EMFAC2011 for fleet mix in 2014 assuming 10,000 AADT and includes impacts from diesel and gasoline vehicle exhaust, brake and tire wear, and resuspended dust.
2. Roadways were modeled using CALINE4 air dispersion model assuming a source length of one kilometer. Meteorological data used to estimate the screening values are noted at the bottom of the “Results” box.
3. Cancer risks were estimated for 70 year lifetime exposure starting in 2014 that includes sensitivity values for early life exposures and OEHHA toxicity values adopted in 2013.

FID	OBJECTID	FACID	Name	Address	City	St	Zip	County	Cancer	Hazard	PM_25	Type	Latitude	Longitude	x	y	UTM X	UTM Y
6275	6,275	23495	Downtow	777 E Sant	San Jose	CA	95112	Santa Clar	0.27	0	0	Generator	37.343	-121.875	-1.4E+07	4487004	599648.4	4133517
6746	6,746	100402	City Gas	510 E Sant	San Jose	CA	95112	Santa Clar	6.72	0.03	0	Gas Dispe	37.341	-121.88	-1.4E+07	4486760	599208.1	4133290

FS-8 Relocation Project (601 E Santa Clara St) CEQA Data Tracking

(Updated December 8, 2021)

Data	Responsible Party	Estimated Submittal Date	Status
Preliminary Site Plan	Public Works		Received, 8/20/21, sending update
Architectural Plan Set	SKA	end of October	DD package received in January 2022
Preliminary building height (maximum)	SKA	mid September	Received 24 ft
Operational Details: (including existing @ current FS-8 location and projected @ relocated location) • Shift start and end times • Number of employees per shift • Estimated number of fire/emergency/medical calls per hour and per day • Estimated specifications for on-site generator	SJFD	mid September	FS-8 existing: 10 calls per day/0.42 per hour New FS-8: 23 calls per day/0.97 calls per hour 8am to 8am (48 hr shift)/ 4 per shift/1600 gallons to 2000 gallon tank combined/regular monthly generator testing
Geotech Report	ENGEO	mid October	Received, 10/22/2021
Phase I/II	Cornerstone	mid September	Recived Cornerstone Summary in Jan 2022
Construction Detail (for AQ/Noise)	Public Works		Received, 12/3/21
Cumulative Projects List	Planning		Jill to contact Thai directly

Complete

Action/Confirmation Required

lockers for 4 bikes (long-term)
1 bike rack for short term (6 bikes)

Daily on-site activities would include cleaning and maintenance of equipment, conducting drills and physical fitness training, preparing emergency incident reports, and responding to emergency service calls. Existing Fire Station No. 8 responds to approximately 10 calls per service per day. While service boundaries have not yet been set, SJFD estimates that the relocated Fire Station No. 8 would respond to approximately 23 calls per day, based on the four-minute geographic reach of the relocated station.

FS-8 Relocation Project (601 E Santa Clara St) - Data Request for AQ/HRA

Operation

1. **Please provide the number and size of generators.**
2. **Please provide known or expected sustainability features of the project - LEED certification, photovoltaic panels, low-e glass for windows, stormwater management to reduce outdoor water use, etc.**

Construction

Please enter data only in highlighted cells. Please confirm values in green cells.

Data available. Please confirm. | Data Needed | ESA to calculate

Proposed Land Uses	Area	Units	
Fire Station	5,562	sqft	
Parking	10	spaces	

Project Site Area	0.35 acres	acres	15,060 sq. ft.
Area to be demolished	14,000	sqft	
Total Demo Volume (off-haul)	0	tons	for concrete demo
Total Proposed total building area	3,345	sqft	
Volume of infill to be brought in	400	cubic yards	
Volume of material to be exported	1,030	cubic yards	

Design, based on the four-minute geographic reach
35 mph

Net New Calls	13	per day
	2.337289	per 1000 SF per day
VMT Check	4.7	VMT/call
	60.66667	VMT/day
	22143.33	VMT/year
	22319	caleemod VMT
	-175.6667	

Construction schedule

	Ph. 1: Soil Remediation	Ph. 2: Building Const.
Start date of construction	6/1/2022	3/1/2023
First year of operation	6/1/2024	3/1/2024

Construction Phase	From	To	# of days
Demolition (part of Ph.1)	6/1/2022	8/1/2022	44
Site Preparation/Grading	3/1/2023	4/30/2023	43
Building Construction	4/1/2023	3/1/2024	240
Paving (1)	11/1/2023	12/1/2023	
Architectural Coating (1)	11/1/2023	12/1/2023	

(1): within time frame of Bldg. Const. (there should not be any added days) 327

Dates above are best estimate to date.

Construction Equipment

Please list the types of construction equipment that would be used for each phase by selecting from the drop down menu in each cell

Demolition (part of Ph.1)

Equipment	Number	No. of Days used	Hrs/day used
Concrete/Industrial Saws	1		
Rubber Tired Dozers	1		
Tractors/Loaders/Backhoes	2		

Site Preparation/Grading

Equipment	Number	No. of Days used	Hrs/day used
Graders	1		
Tractors/Loaders/Backhoes	1		

Building Construction

Equipment	Number	No. of Days used	Hrs/day used
Cranes	1		
Forklifts	2		
Tractors/Loaders/Backhoes	2		

Paving (1)

Equipment	Number	No. of Days used	Hrs/day used
Cement and Mortar Mixers	4		
Pavers	1		
Tractors/Loaders/Backhoes	2		

Architectural Coating (1)

Equipment	Number	No. of Days used	Hrs/day used
Air Compressors	1		

Construction Vehicle Trips

Please provide the number **trips (2-way)** associated with workers, material delivery and hauling during each construction phase

Construction Phase	worker trips/day	Vendor Truck Trips/day	Hauling Truck trips/day
Demolition (part of Ph.1)			
Site Preparation/Grading			
Building Construction			
Paving (1)			
Architectural Coating (1)			

Entrained Dust Calculation
FS-8 Relocation
Santa Clara County

Road Dust Equation

E [lb/VMT] = k*(sL)^0.91 * (W)^1.02 * (1-P/4N)

Where:
E = the particulate emission factor in units of pounds of particulate matter per VMT
k = the U.S. EPA AP-42 particle size multiplier (PM_{10} = 0.0022 lb/VMT),[1]
sL = the roadway-specific silt loading in grams/square meter (g/m^2),[2,3,4,5]
W = the average weight of vehicles traveling the road (California statewide default = 2.4 tons),[5]
P = number of "wet" days, when at least one site per county received at least 0.01 inch of precipitation during the annual averaging period,[9] and
N = the number of days in the annual averaging period (default = 365)

Source: California Air Resources Board (CARB), Miscellaneous Process Methodology 7.9 — Entrained Road Travel, Paved Road Dust. Revised and updated March 2018, https://ww3.arb.ca.gov/ei/areasrc/fullpdf/full7-9_2018.pdf.

Silt Loading Factor

Source: CARB, 2018.

Table 3: California Default Statewide and Local Silt Loading Values

Silt Loadings (g/m2)			
Freeway	**Major**	**Collector**	**Local**
0.015	0.032	0.032	0.32

2008 HPMS Travel Fractions			
0.434	0.449	0.054	0.064

Re-entrained PAVED Road Dust Emission Factors

Methodology

Calculation Methodology: USEPA AP-42, Paved Roads, Section 13.2.1, Revised January 2011:
http://www.epa.gov/ttn/chief/ap42/ch13/final/c13s0201.pdf

K-value from CARB, 2018.

Pollutant	Variables					E_{ext} (g/mi)
	k	sL	W	P	N	
PM10	1.00	0.043086	2.4	64	365	**0.13353**
PM2.5	0.15	0.043086	2.4	64	365	**0.02003**

From TABLE 7

E_{ext} (lb/10^6 VMT)
112.2
16.83

Where:	**Source**
E = particulate emission factor (grams of particulate matter/VMT)	*calculation*
	Table 13.2.1-1 Particle Size Multipliers for Paved Road Equation of USEPA, 2011.
k = particle size multiplier (g/VMT)	
sL = local roadway silt loading (g/m2)	*CARB, 2018.*
W = average weight of vehicles on the road (tons)	*CARB, 2018.*
P = number of wet days with at least 0.254mm of precipitation	*Table 8 of CARB, 2018.*
N = number of days in the averaging period	annual days (365)

Source: EMFAC2021 (v1.0.1) Emission Rates
Region Type: County
Region: Santa Clara
Calendar Year: 2024
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/year for CVMT and EVMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HOTSOAK and RUNLOSS, g/vehicle/day for IDLEX and DIURN. PHEV calculated based on total VMT.

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	Population	Total VMT	CVMT	EVMT	Trips
Santa Cla	2024	HHDT	Aggregate	Aggregate	Gasoline	2.58871	115.153	115.153	0	51.7949
Santa Cla	2024	HHDT	Aggregate	Aggregate	Diesel	8486.69	1001095	1001095	0	124748
Santa Cla	2024	HHDT	Aggregate	Aggregate	Electricity	28.3304	2794.26	0	2794.26	378.795
Santa Cla	2024	HHDT	Aggregate	Aggregate	Natural G	794.401	54591.3	54591.3	0	7249.72

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	RUNEX	IDLEX	STREX	RUNEX	IDLEX	STREX	PMTW	PMBW	RUNEX	IDLEX	STREX	PMTW	PMBW	RUNEX	IDLEX	STREX	RUNEX	IDLEX	STREX	RUNEX	IDLEX	STREX	RUNEX	IDLEX	STREX	HOTSOAK	RUNLOSS	DIURN	RUNEX	IDLEX	STREX	HOTSOAK	RUNLOSS	DIURN	RUNEX	IDLEX	STREX	RUNEX	IDLEX	STREX
						gram/mile	gram/trip	gram/trip	gram/mile	gram/trip	gram/trip	gram/mile	gram/mile	gram/mile	gram/trip	gram/trip	gram/mile	gram/mile	gram/mile	gram/trip	gram/trip	gram/mile	gram/trip	gram/trip	gram/mile	gram/trip	gram/trip	gram/mile	gram/trip	gram/trip	gram/trip	gram/trip	gram/trip	gram/mile	gram/trip	gram/trip	gram/trip	gram/trip	gram/trip	gram/mile	gram/trip	gram/trip	gram/mile	gram/trip	gram/trip
Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	NOx_RUN	NOx_IDLE	NOx_STRE	PM2.5_BL	PM2.5_TI	PM2.5_ST	PM2.5_PB	PM2.5_PL	PM10_RU	PM10_ID	PM10_ST	PM10_PM	PM10_PM	CO2_RUN	CO2_IDLE	CO2_STRE	CH4_RUN	CH4_IDLE	CH4_STRE	N2O_RUN	N2O_IDLE	N2O_STRE	ROG_RUN	ROG_IDLE	ROG_STR	ROG_HOT	ROG_RUN	ROG_DIU	TOG_RUN	TOG_IDLE	TOG_STR	TOG_HOT	TOG_RUN	TOG_DIU	NH3_RUN	CO_RUNE	CO_IDLEX	CO_STREX	SOx_RUN	SOx_IDLE	SOx_STREX
Santa Cla	2024	HHDT	Aggregate	Aggregate	Gasoline	0	0.00143	0.005	0.03384	0.00393	0	0.00556	0.02	0.09669	2166.16	0	50.5442	0.24601	0	0.00021	0.19293	0	0.0498	1.47824	0	0.00112	0.14902	1.34233	10.0255	0.04274	52.519	0	1.66109	0.02141	0	0.00049	0.00122	0.14902	1.34233	10.0255	0.04274	52.519	0	1.66109	0.02141
Santa Cla	2024	HHDT	Aggregate	Aggregate	Diesel	0	0.00877	0.02745	0.02683	0.03153	0	0.03508	0.07844	1634.1	11997	0	0.00078	0.23663	0	0.25745	1.89013	0	0.01673	5.09458	0	0	0	0	0.01905	5.7998	0	0	0	0	0.21508	0.08252	74.1058	0	0	0	0	0	0	0	0.01547
Santa Cla	2024	HHDT	Aggregate	Aggregate	Electricity	0	0.00859	0.01406	0	0	0	0.03434	0.04016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Cla	2024	HHDT	Aggregate	Aggregate	Natural G	0	0.009	0.04752	0.00187	0.02695	0	0.036	0.13578	1387.53	10583.6	0	2.34474	36.3028	0	0.28286	2.15754	0	0.05083	0.5507	0	0	0	0	2.41273	37.0861	0	0	0	0	0.85184	13.402	74.4313	0	0	0	0	0	0	0	0

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	NOx	NOx	NOx	PM2.5	PM2.5	PM2.5	PM2.5 fug	PM2.5 fug	PM10	PM10	PM10	PM10 fug	PM10 fug	CO2	CO2	CO2	CH4	CH4	CH4	N2O	N2O	N2O	ROG	ROG	ROG	ROG	ROG	ROG	TOG	TOG	TOG	TOG	TOG	TOG	NH3	CO	CO	CO	SOx	SOx	SOx
						gram/mile	gram/trip	gram/trip	gram/mile	gram/trip	gram/trip	gram/mile	gram/trip	gram/mile	gram/mile	gram/trip	gram/mile	gram/trip	gram/mile	gram/mile	gram/trip	gram/mile	gram/mile	gram/trip	gram/mile	gram/mile	gram/trip	gram/mile	gram/mile	gram/trip	gram/trip	gram/trip	gram/mile	gram/mile	gram/trip	gram/trip	gram/trip	gram/mile	gram/trip	gram/mile	gram/mile	gram/trip	gram/trip	gram/mile	gram/trip	gram/trip
Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	NOx_RUN	NOx_IDLE	NOx_STRE	PM2.5_BL	PM2.5_TI	PM2.5_ST	PM2.5_PB	PM2.5_PL	PM10_RU	PM10_ID	PM10_ST	PM10_PM	PM10_PM	CO2_RUN	CO2_IDLE	CO2_STRE	CH4_RUN	CH4_IDLE	CH4_STRE	N2O_RUN	N2O_IDLE	N2O_STRE	ROG_RUN	ROG_IDLE	ROG_STR	ROG_HOT	ROG_RUN	ROG_DIU	TOG_RUN	TOG_IDLE	TOG_STR	TOG_HOT	TOG_RUN	TOG_DIU	NH3_RUN	CO_RUNE	CO_IDLEX	CO_STREX	SOx_RUN	SOx_IDLE	SOx_STREX
Santa Cla	2024	HHDT	2024_HHDT			1.8506	59.9787	2.73141	0.02437	0.02978	5.6E-07	0.00878	0.02845	0.02547	0.03118	6.1E-07	0.03513	0.0813	1617.13	11880.6	0.01957	0.12168	2.21028	8E-08	0.25808	1.89863	1.9E-05	0.01861	4.82927	4.4E-07	5.8E-05	0.00015	0.00392	0.14267	7.49369	4.8E-07	5.8E-05	0.00015	0.00392	0.24734	0.77489	73.8826	0.00063	0.01464	0.10702	1.9E-07

ROG	NOX	PM10	PM2.5
gram/mile	gram/mile	gram/mile	gram/mile
0.01875	1.8506	0.15901	0.0444

ROG	NOX	PM10	PM2.5
gram/trip	gram/trip	gram/trip	gram/trip
4.83325	62.7102	0.03118	0.02978

RUNEX gram/mile
IDLEX gram/trip
STREX gram/trip
PMTW gram/mile
PMBW gram/mile
HOTSOAK gram/trip
RUNLOSS gram/mile
DIURN gram/trip

EMFAC2017 Acronyms For Each Vehicle Emission Type	EMFAC2017 Description of Each Vehicle Emission Type	EMFAC2017 Emission Rate Unit	CalEEMod Emission Factor Unit
RUNEX	Running Exhaust	grams/mile	grams/mile
PMBW	PM Brakewear	grams/mile	grams/mile
PMTW	PM Tirewear	grams/mile	grams/mile
STREX	Start Exhaust	grams/trip	grams/trip
HTSK	Hot Soak Evaporative	grams/trip	grams/trip
RUNLS	Running Loss Evaporative	grams/trip	grams/mile
IDLEX	Idle Exhaust	grams/vehicle/day	grams/trip
RESTL	Resting Loss Evaporative	grams/vehicle/day	grams/trip
DIURN	Diurnal Loss Evaporative	grams/vehicle/day	grams/trip
VMT	Vehicle Miles Traveled	miles/day	miles (per day, per season, or per year)
Trip	Total trips per day of a vehicle class	trips/day	trips (per day, per season, or per year)
Population	Vehicle Population	vehicle	vehicle

FS-8 Relocation Project (601 E Santa Clara St) - Santa Clara County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

FS-8 Relocation Project (601 E Santa Clara St)

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government Office Building	5.56	1000sqft	0.13	5,562.00	0
Parking Lot	10.00	Space	0.09	4,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2024
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Schedule from applicant

Off-road Equipment - from data request

Off-road Equipment -

Grading - site = 0.35 acres

Demolition - from data request

Operational Off-Road Equipment - na

Stationary Sources - Emergency Generators and Fire Pumps - 125 kw generator

Construction Off-road Equipment Mitigation - tier4 mitigation

Stationary Sources - Emergency Generators and Fire Pumps EF -

Vehicle Trips - increase of 13 calls/fire truck trips per day

Fleet Mix - conservatively model fire truck as HHD

Energy Use - relocated building will be more energy efficient that existing building

Water And Wastewater - relocated building will be more energy efficient that existing building

Solid Waste - relocated building will be more energy efficient that existing building

Consumer Products - relocated building will be more energy efficient that existing building

Area Coating - relocated building will be more energy efficient that existing building

Landscape Equipment - relocated building will be more energy efficient that existing building

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00

FS-8 Relocation Project (601 E Santa Clara St) - Santa Clara County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	5.00	23.00
tblConstructionPhase	NumDays	100.00	240.00
tblConstructionPhase	NumDays	10.00	44.00
tblConstructionPhase	NumDays	5.00	23.00
tblConstructionPhase	NumDays	1.00	43.00
tblConstructionPhase	PhaseEndDate	11/18/2022	12/1/2023
tblConstructionPhase	PhaseEndDate	11/4/2022	3/1/2024
tblConstructionPhase	PhaseEndDate	6/14/2022	8/1/2022
tblConstructionPhase	PhaseEndDate	11/11/2022	12/1/2023
tblConstructionPhase	PhaseEndDate	6/15/2022	4/30/2023
tblConstructionPhase	PhaseStartDate	11/12/2022	11/1/2023
tblConstructionPhase	PhaseStartDate	6/18/2022	4/1/2023
tblConstructionPhase	PhaseStartDate	11/5/2022	11/1/2023
tblConstructionPhase	PhaseStartDate	6/15/2022	3/1/2023
tblConsumerProducts	ROG_EF	2.14E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	0
tblEnergyUse	LightingElect	3.88	0.00
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	NT24E	7.84	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	T24E	5.45	0.00
tblEnergyUse	T24NG	16.14	0.00
tblFleetMix	HHD	6.4040e-003	1.00
tblFleetMix	LDA	0.57	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	5.1020e-003	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.12	0.00
tblFleetMix	MH	2.7760e-003	0.00
tblFleetMix	MHD	7.9340e-003	0.00
tblFleetMix	OBUS	9.0000e-004	0.00
tblFleetMix	SBUS	9.1400e-004	0.00
tblFleetMix	UBUS	3.8000e-004	0.00
tblGrading	AcresOfGrading	21.50	0.35
tblGrading	MaterialExported	0.00	1,030.00
tblGrading	MaterialImported	0.00	400.00

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tblLandscapeEquipment	NumberSummerDays	180	0
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblSolidWaste	SolidWasteGenerationRate	5.17	0.00
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	168.00
tblStationaryGeneratorsPumpsUse	HoursPerDay	0.00	1.00
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	50.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	1.00
tblVehicleTrips	ST_TR	0.00	2.34
tblVehicleTrips	SU_TR	0.00	2.34
tblVehicleTrips	WD_TR	22.59	2.34
tblWater	ElectricityIntensityFactorForWastewaterTreatment	1,911.00	0.00
tblWater	ElectricityIntensityFactorToDistribute	1,272.00	0.00
tblWater	ElectricityIntensityFactorToSupply	2,117.00	0.00
tblWater	ElectricityIntensityFactorToTreat	111.00	0.00
tblWater	IndoorWaterUseRate	1,104,547.85	0.00
tblWater	OutdoorWaterUseRate	676,980.94	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.0164	0.1471	0.1708	3.0000e-004	9.1800e-003	7.4800e-003	0.0167	1.6600e-003	7.1500e-003	8.8100e-003	0.0000	26.3037	26.3037	4.3400e-003	3.6000e-004	26.5192
2023	0.1143	0.8583	0.9011	1.6200e-003	7.9700e-003	0.0400	0.0480	2.1300e-003	0.0369	0.0390	0.0000	143.2817	143.2817	0.0414	1.5200e-003	144.7702
2024	0.0136	0.1365	0.1611	2.7000e-004	8.3000e-004	6.3700e-003	7.2000e-003	2.3000e-004	5.8600e-003	6.0900e-003	0.0000	23.8388	23.8388	7.3200e-003	1.4000e-004	24.0636
Maximum	**0.1143**	**0.8583**	**0.9011**	**1.6200e-003**	**9.1800e-003**	**0.0400**	**0.0480**	**2.1300e-003**	**0.0369**	**0.0390**	**0.0000**	**143.2817**	**143.2817**	**0.0414**	**1.5200e-003**	**144.7702**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	3.6600e-003	0.0186	0.1792	3.0000e-004	9.1800e-003	4.5000e-004	9.6300e-003	1.6600e-003	4.5000e-004	2.1000e-003	0.0000	26.3037	26.3037	4.3400e-003	3.6000e-004	26.5192
2023	0.0498	0.0993	0.9911	1.6200e-003	7.9700e-003	2.5600e-003	0.0105	2.1300e-003	2.5500e-003	4.6700e-003	0.0000	143.2815	143.2815	0.0414	1.5200e-003	144.7700
2024	3.3500e-003	0.0157	0.1759	2.7000e-004	8.3000e-004	4.3000e-004	1.2600e-003	2.3000e-004	4.3000e-004	6.6000e-004	0.0000	23.8388	23.8388	7.3200e-003	1.4000e-004	24.0635
Maximum	**0.0498**	**0.0993**	**0.9911**	**1.6200e-003**	**9.1800e-003**	**2.5600e-003**	**0.0105**	**2.1300e-003**	**2.5500e-003**	**4.6700e-003**	**0.0000**	**143.2815**	**143.2815**	**0.0414**	**1.5200e-003**	**144.7700**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	60.62	88.29	-9.18	0.00	0.00	93.61	70.18	0.00	93.13	86.22	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	6-1-2022	8-31-2022	0.1643	0.0222
4	3-1-2023	5-31-2023	0.3152	0.0452
5	6-1-2023	8-31-2023	0.2350	0.0278
6	9-1-2023	11-30-2023	0.3422	0.0648
7	12-1-2023	2-29-2024	0.2259	0.0289
8	3-1-2024	5-31-2024	0.0024	0.0003
		Highest	0.3422	0.0648

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	2.8700e-003	0.1062	0.0429	3.7000e-004	9.4600e-003	6.3000e-004	0.0101	2.6000e-003	6.0000e-004	3.2000e-003	0.0000	36.4830	36.4830	1.2100e-003	5.7800e-003	38.2363
Stationary	6.8900e-003	0.0193	0.0250	3.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003	0.0000	3.1987	3.1987	4.5000e-004	0.0000	3.2099
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**9.7600e-003**	**0.1255**	**0.0679**	**4.0000e-004**	**9.4600e-003**	**1.6400e-003**	**0.0111**	**2.6000e-003**	**1.6100e-003**	**4.2100e-003**	**0.0000**	**39.6817**	**39.6817**	**1.6600e-003**	**5.7800e-003**	**41.4462**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	2.8700e-003	0.1062	0.0429	3.7000e-004	9.4600e-003	6.3000e-004	0.0101	2.6000e-003	6.0000e-004	3.2000e-003	0.0000	36.4830	36.4830	1.2100e-003	5.7800e-003	38.2363
Stationary	6.8900e-003	0.0193	0.0250	3.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003	0.0000	3.1987	3.1987	4.5000e-004	0.0000	3.2099
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**9.7600e-003**	**0.1255**	**0.0679**	**4.0000e-004**	**9.4600e-003**	**1.6400e-003**	**0.0111**	**2.6000e-003**	**1.6100e-003**	**4.2100e-003**	**0.0000**	**39.6817**	**39.6817**	**1.6600e-003**	**5.7800e-003**	**41.4462**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	6/1/2022	8/1/2022	5	44	
2	Site Preparation	Site Preparation	3/1/2023	4/30/2023	5	43	
3	Building Construction	Building Construction	4/1/2023	3/1/2024	5	240	
4	Paving	Paving	11/1/2023	12/1/2023	5	23	
5	Architectural Coating	Architectural Coating	11/1/2023	12/1/2023	5	23	

Acres of Grading (Site Preparation Phase): 0.35

Acres of Grading (Grading Phase): 0

Acres of Paving: 0.09

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 8,343; Non-Residential Outdoor: 2,781; Striped Parking Area: 240 (Architectural

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	0	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	4	10.00	0.00	64.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	179.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	3.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Year	Unmit/Mit	Offroad/h	PM10	PM2.5	PM2.5 Fug	ROG	NOX
Year							
Year	0						
Year	0						
2022	0						

3.2 Demolition - 2022

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Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					6.8900e-003	0.0000	6.8900e-003	1.0400e-003	0.0000	1.0400e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0156	0.1411	0.1643	2.6000e-004		7.4300e-003	7.4300e-003		7.1000e-003	7.1000e-003	0.0000	22.9099	22.9099	4.2300e-003	0.0000	23.0156
Total	**0.0156**	**0.1411**	**0.1643**	**2.6000e-004**	**6.8900e-003**	**7.4300e-003**	**0.0143**	**1.0400e-003**	**7.1000e-003**	**8.1400e-003**	**0.0000**	**22.9099**	**22.9099**	**4.2300e-003**	**0.0000**	**23.0156**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.5000e-004	5.5400e-003	1.1600e-003	2.0000e-005	5.4000e-004	5.0000e-005	5.9000e-004	1.5000e-004	5.0000e-005	2.0000e-004	0.0000	2.0141	2.0141	7.0000e-005	3.2000e-004	2.1109
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9000e-004	4.3000e-004	5.3100e-003	1.0000e-005	1.7400e-003	1.0000e-005	1.7500e-003	4.6000e-004	1.0000e-005	4.7000e-004	0.0000	1.3797	1.3797	4.0000e-005	4.0000e-005	1.3926
Total	**7.4000e-004**	**5.9700e-003**	**6.4700e-003**	**3.0000e-005**	**2.2800e-003**	**6.0000e-005**	**2.3400e-003**	**6.1000e-004**	**6.0000e-005**	**6.7000e-004**	**0.0000**	**3.3938**	**3.3938**	**1.1000e-004**	**3.6000e-004**	**3.5036**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					6.8900e-003	0.0000	6.8900e-003	1.0400e-003	0.0000	1.0400e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.9200e-003	0.0126	0.1727	2.6000e-004		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	22.9099	22.9099	4.2300e-003	0.0000	23.0156
Total	**2.9200e-003**	**0.0126**	**0.1727**	**2.6000e-004**	**6.8900e-003**	**3.9000e-004**	**7.2800e-003**	**1.0400e-003**	**3.9000e-004**	**1.4300e-003**	**0.0000**	**22.9099**	**22.9099**	**4.2300e-003**	**0.0000**	**23.0156**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.5000e-004	5.5400e-003	1.1600e-003	2.0000e-005	5.4000e-004	5.0000e-005	5.9000e-004	1.5000e-004	5.0000e-005	2.0000e-004	0.0000	2.0141	2.0141	7.0000e-005	3.2000e-004	2.1109

2022	Unmit	Unmitigat	0	0			
2022	Unmit	0	0	0			
2022	Unmit		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
2022	Unmit	Category	0	0	0	0	0
2022	Unmit	Fugitive D	0	0	0.00104	#VALUE!	#VALUE!
2022	Unmit	Off-Road	0.00743	0.0071	#VALUE!	0.0156	0.1411
2022	Unmit	Total	0.00743	0.0071	0.00104	0.0156	0.1411
2022	Unmit	0	0	0	0	0	0
2022	Unmit	0	0	0	0	0	0
2022	Unmit	0	0	0	0	0	0
2022	Unmit	Unmitigat	0	0	0	0	0
2022	Unmit	0	0	0	0	0	0
2022	Unmit		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
2022	Unmit	Category	0	0	0	0	0
2022	Unmit	Hauling	0.00005	0.00005	0.00015	0.00015	0.00554
2022	Unmit	Vendor	0	0	0	0	0
2022	Unmit	Worker	0.00001	0.00001	0.00046	0.00059	0.00043
2022	Unmit	Total	0.00006	0.00006	0.00061	0.00074	0.00597
2022	Unmit	0	0	0	0	0	0
2022	Unmit	0	0	0	0	0	0
2022	Unmit	0	0	0	0	0	0
2022	Mitig	Mitigated	0	0	0	0	0
2022	Mitig	0	0	0	0	0	0
2022	Mitig		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
2022	Mitig	Category	0	0	0	0	0
2022	Mitig	Fugitive D	0	0	0.00104	#VALUE!	#VALUE!
2022	Mitig	Off-Road	0.00039	0.00039	#VALUE!	0.00292	0.0126
2022	Mitig	Total	0.00039	0.00039	0.00104	0.00292	0.0126
2022	Mitig	0	0	0	0	0	0
2022	Mitig	0	0	0	0	0	0
2022	Mitig	0	0	0	0	0	0
2022	Mitig	Mitigated	0	0	0	0	0
2022	Mitig	0	0	0	0	0	0
2022	Mitig		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
2022	Mitig	Category	0	0	0	0	0
2022	Mitig	Hauling	0.00005	0.00005	0.00015	0.00015	0.00554

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Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9000e-004	4.3000e-004	5.3100e-003	1.0000e-005	1.7400e-003	1.0000e-005	1.7500e-003	4.6000e-004	1.0000e-005	4.7000e-004	0.0000	1.3797	1.3797	4.0000e-005	4.0000e-005	1.3926
Total	**7.4000e-004**	**5.9700e-003**	**6.4700e-003**	**3.0000e-005**	**2.2800e-003**	**6.0000e-005**	**2.3400e-003**	**6.1000e-004**	**6.0000e-005**	**6.7000e-004**	**0.0000**	**3.3938**	**3.3938**	**1.1000e-004**	**3.6000e-004**	**3.5036**

3.3 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.7000e-004	0.0000	2.7000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0115	0.1331	0.0844	2.1000e-004		4.8700e-003	4.8700e-003		4.4800e-003	4.4800e-003	0.0000	18.3816	18.3816	5.9400e-003	0.0000	18.5303
Total	**0.0115**	**0.1331**	**0.0844**	**2.1000e-004**	**2.7000e-004**	**4.8700e-003**	**5.1400e-003**	**3.0000e-005**	**4.4800e-003**	**4.5100e-003**	**0.0000**	**18.3816**	**18.3816**	**5.9400e-003**	**0.0000**	**18.5303**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.9000e-004	0.0122	2.8200e-003	5.0000e-005	1.5200e-003	1.0000e-004	1.6200e-003	4.2000e-004	9.0000e-005	5.1000e-004	0.0000	5.3597	5.3597	1.8000e-004	8.5000e-004	5.6175
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7000e-004	1.9000e-004	2.4100e-003	1.0000e-005	8.5000e-004	0.0000	8.6000e-004	2.3000e-004	0.0000	2.3000e-004	0.0000	0.6572	0.6572	2.0000e-005	2.0000e-005	0.6631
Total	**4.6000e-004**	**0.0124**	**5.2300e-003**	**6.0000e-005**	**2.3700e-003**	**1.0000e-004**	**2.4800e-003**	**6.5000e-004**	**9.0000e-005**	**7.4000e-004**	**0.0000**	**6.0169**	**6.0169**	**2.0000e-004**	**8.7000e-004**	**6.2806**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.7000e-004	0.0000	2.7000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.5600e-003	0.0111	0.1143	2.1000e-004		3.4000e-004	3.4000e-004		3.4000e-004	3.4000e-004	0.0000	18.3816	18.3816	5.9400e-003	0.0000	18.5302
Total	**2.5600e-003**	**0.0111**	**0.1143**	**2.1000e-004**	**2.7000e-004**	**3.4000e-004**	**6.1000e-004**	**3.0000e-005**	**3.4000e-004**	**3.7000e-004**	**0.0000**	**18.3816**	**18.3816**	**5.9400e-003**	**0.0000**	**18.5302**

2022	Mitig	Vendor	0	0	0	0	0
2022	Mitig	Worker	0.00001	0.00001	0.00046	0.00059	0.00043
2022	Mitig	Total	0.00006	0.00006	0.00061	0.00074	0.00597
2022	Mitig	0	0	0	0	0	0
2022	Mitig	0	0	0	0	0	0
2023	Mitig	3.3 Site Pr	0	0	0	0	0
2023	Unmit	Unmitigat	0	0	0	0	0
2023	Unmit	0	0	0	0	0	0
2023	Unmit		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
2023	Unmit	Category	0	0	0	0	0
2023	Unmit	Fugitive D	0	0	0.00003	#VALUE!	#VALUE!
2023	Unmit	Off-Road	0.00487	0.00448	#VALUE!	0.0115	0.1331
2023	Unmit	Total	0.00487	0.00448	0.00003	0.0115	0.1331
2023	Unmit	0	0	0	0	0	0
2023	Unmit	0	0	0	0	0	0
2023	Unmit	0	0	0	0	0	0
2023	Unmit	Unmitigat	0	0	0	0	0
2023	Unmit	0	0	0	0	0	0
2023	Unmit		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
2023	Unmit	Category	0	0	0	0	0
2023	Unmit	Hauling	0.0001	0.00009	0.00042	0.00019	0.0122
2023	Unmit	Vendor	0	0	0	0	0
2023	Unmit	Worker	0	0	0.00023	0.00027	0.00019
2023	Unmit	Total	0.0001	0.00009	0.00065	0.00046	0.0124
2023	Unmit	0	0	0	0	0	0
2023	Unmit	0	0	0	0	0	0
2023	Unmit	0	0	0	0	0	0
2023	Mitig	Mitigated	0	0	0	0	0
2023	Mitig	0	0	0	0	0	0
2023	Mitig		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
2023	Mitig	Category	0	0	0	0	0
2023	Mitig	Fugitive D	0	0	0.00003	#VALUE!	#VALUE!
2023	Mitig	Off-Road	0.00034	0.00034	#VALUE!	0.00256	0.0111
2023	Mitig	Total	0.00034	0.00034	0.00003	0.00256	0.0111
2023	Mitig	0	0	0	0	0	0
2023	Mitig	0	0	0	0	0	0

FS-8 Relocation Project (601 E Santa Clara St) - Santa Clara County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.9000e-004	0.0122	2.8200e-003	5.0000e-005	1.5200e-003	1.0000e-004	1.6200e-003	4.2000e-004	9.0000e-005	5.1000e-004	0.0000	5.3597	5.3597	1.8000e-004	8.5000e-004	5.6175
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7000e-004	1.9000e-004	2.4100e-003	1.0000e-005	8.5000e-004	0.0000	8.6000e-004	2.3000e-004	0.0000	2.3000e-004	0.0000	0.6572	0.6572	2.0000e-005	2.0000e-005	0.6631
Total	**4.6000e-004**	**0.0124**	**5.2300e-003**	**6.0000e-005**	**2.3700e-003**	**1.0000e-004**	**2.4800e-003**	**6.5000e-004**	**9.0000e-005**	**7.4000e-004**	**0.0000**	**6.0169**	**6.0169**	**2.0000e-004**	**8.7000e-004**	**6.2806**

3.4 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0616	0.6258	0.6920	1.1100e-003		0.0312	0.0312		0.0287	0.0287	0.0000	97.7032	97.7032	0.0316	0.0000	98.4932
Total	**0.0616**	**0.6258**	**0.6920**	**1.1100e-003**		**0.0312**	**0.0312**		**0.0287**	**0.0287**	**0.0000**	**97.7032**	**97.7032**	**0.0316**	**0.0000**	**98.4932**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1000e-004	8.6900e-003	2.7400e-003	4.0000e-005	1.2800e-003	5.0000e-005	1.3300e-003	3.7000e-004	5.0000e-005	4.2000e-004	0.0000	3.8772	3.8772	8.0000e-005	5.7000e-004	4.0490
Worker	7.3000e-004	5.1000e-004	6.5500e-003	2.0000e-005	2.3200e-003	1.0000e-005	2.3300e-003	6.2000e-004	1.0000e-005	6.3000e-004	0.0000	1.7882	1.7882	5.0000e-005	5.0000e-005	1.8042
Total	**9.4000e-004**	**9.2000e-003**	**9.2900e-003**	**6.0000e-005**	**3.6000e-003**	**6.0000e-005**	**3.6600e-003**	**9.9000e-004**	**6.0000e-005**	**1.0500e-003**	**0.0000**	**5.6654**	**5.6654**	**1.3000e-004**	**6.2000e-004**	**5.8531**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0136	0.0590	0.7533	1.1100e-003		1.8200e-003	1.8200e-003		1.8200e-003	1.8200e-003	0.0000	97.7031	97.7031	0.0316	0.0000	98.4931

2023	Mitig	Mitigated	0	0	0	0	0
2023	Mitig	0	0	0	0	0	0
2023	Mitig		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
2023	Mitig	Category	0	0	0	0	0
2023	Mitig	Hauling	0.0001	0.00009	0.00042	0.00019	0.0122
2023	Mitig	Vendor	0	0	0	0	0
2023	Mitig	Worker	0	0	0.00023	0.00027	0.00019
2023	Mitig	Total	0.0001	0.00009	0.00065	0.00046	0.0124
2023	Mitig	0	0	0	0	0	0
2023	Mitig	0	0	0	0	0	0
2023	Mitig	3.4 Buildin	0	0	0	0	0
2023	Unmit	Unmitigat	0	0	0	0	0
2023	Unmit	0	0	0	0	0	0
2023	Unmit		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
2023	Unmit	Category	0	0	0	0	0
2023	Unmit	Off-Road	0.0312	0.0287	#VALUE!	0.0616	0.6258
2023	Unmit	Total	0.0312	0.0287	#VALUE!	0.0616	0.6258
2023	Unmit	0	0	0	0	0	0
2023	Unmit	0	0	0	0	0	0
2023	Unmit	0	0	0	0	0	0
2023	Unmit	Unmitigat	0	0	0	0	0
2023	Unmit	0	0	0	0	0	0
2023	Unmit		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
2023	Unmit	Category	0	0	0	0	0
2023	Unmit	Hauling	0	0	0	0	0
2023	Unmit	Vendor	0.00005	0.00005	0.00037	0.00021	0.00869
2023	Unmit	Worker	0.00001	0.00001	0.00062	0.00073	0.00051
2023	Unmit	Total	0.00006	0.00006	0.00099	0.00094	0.0092
2023	Unmit	0	0	0	0	0	0
2023	Unmit	0	0	0	0	0	0
2023	Unmit	0	0	0	0	0	0
2023	Mitig	Mitigated	0	0	0	0	0
2023	Mitig	0	0	0	0	0	0
2023	Mitig		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
2023	Mitig	Category	0	0	0	0	0
2023	Mitig	Off-Road	0.00182	0.00182	#VALUE!	0.0136	0.059

FS-8 Relocation Project (601 E Santa Clara St) - Santa Clara County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Total	**0.0136**	**0.0590**	**0.7533**	**1.1100e-003**		**1.8200e-003**	**1.8200e-003**		**1.8200e-003**	**1.8200e-003**	**0.0000**	**97.7031**	**97.7031**	**0.0316**	**0.0000**	**98.4931**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1000e-004	8.6900e-003	2.7400e-003	4.0000e-005	1.2800e-003	5.0000e-005	1.3300e-003	3.7000e-004	5.0000e-005	4.2000e-004	0.0000	3.8772	3.8772	8.0000e-005	5.7000e-004	4.0490
Worker	7.3000e-004	5.1000e-004	6.5500e-003	2.0000e-005	2.3200e-003	1.0000e-005	2.3300e-003	6.2000e-004	1.0000e-005	6.3000e-004	0.0000	1.7882	1.7882	5.0000e-005	5.0000e-005	1.8042
Total	**9.4000e-004**	**9.2000e-003**	**9.2900e-003**	**6.0000e-005**	**3.6000e-003**	**6.0000e-005**	**3.6600e-003**	**9.9000e-004**	**6.0000e-005**	**1.0500e-003**	**0.0000**	**5.6654**	**5.6654**	**1.3000e-004**	**6.2000e-004**	**5.8531**

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0134	0.1344	0.1590	2.6000e-004		6.3500e-003	6.3500e-003		5.8500e-003	5.8500e-003	0.0000	22.5545	22.5545	7.2900e-003	0.0000	22.7369
Total	**0.0134**	**0.1344**	**0.1590**	**2.6000e-004**		**6.3500e-003**	**6.3500e-003**		**5.8500e-003**	**5.8500e-003**	**0.0000**	**22.5545**	**22.5545**	**7.2900e-003**	**0.0000**	**22.7369**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	2.0000e-003	6.2000e-004	1.0000e-005	3.0000e-004	1.0000e-005	3.1000e-004	9.0000e-005	1.0000e-005	1.0000e-004	0.0000	0.8816	0.8816	2.0000e-005	1.3000e-004	0.9206
Worker	1.6000e-004	1.1000e-004	1.4100e-003	0.0000	5.4000e-004	0.0000	5.4000e-004	1.4000e-004	0.0000	1.4000e-004	0.0000	0.4027	0.4027	1.0000e-005	1.0000e-005	0.4061
Total	**2.1000e-004**	**2.1100e-003**	**2.0300e-003**	**1.0000e-005**	**8.4000e-004**	**1.0000e-005**	**8.5000e-004**	**2.3000e-004**	**1.0000e-005**	**2.4000e-004**	**0.0000**	**1.2842**	**1.2842**	**3.0000e-005**	**1.4000e-004**	**1.3267**

Mitigated Construction On-Site

2023	Mitig	Total	0.00182	0.00182	#VALUE!	0.0136	0.059
2023	Mitig	0	0	0	0	0	0
2023	Mitig	0	0	0	0	0	0
2023	Mitig	0	0	0	0	0	0
2023	Mitig	Mitigated	0	0	0	0	0
2023	Mitig	0	0	0	0	0	0
2023	Mitig		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
2023	Mitig	Category	0	0	0	0	0
2023	Mitig	Hauling	0	0	0	0	0
2023	Mitig	Vendor	0.00005	0.00005	0.00037	0.00021	0.00869
2023	Mitig	Worker	0.00001	0.00001	0.00062	0.00073	0.00051
2023	Mitig	Total	0.00006	0.00006	0.00099	0.00094	0.0092
2023	Mitig	0	0	0	0	0	0
2023	Mitig	0	0	0	0	0	0
2024	Mitig	3.4 Buildin	0	0	0	0	0
2024	Unmit	Unmitigat	0	0	0	0	0
2024	Unmit	0	0	0	0	0	0
2024	Unmit		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
2024	Unmit	Category	0	0	0	0	0
2024	Unmit	Off-Road	0.00635	0.00585	#VALUE!	0.0134	0.1344
2024	Unmit	Total	0.00635	0.00585	#VALUE!	0.0134	0.1344
2024	Unmit	0	0	0	0	0	0
2024	Unmit	0	0	0	0	0	0
2024	Unmit	Unmitigat	0	0	0	0	0
2024	Unmit	0	0	0	0	0	0
2024	Unmit		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
2024	Unmit	Category	0	0	0	0	0
2024	Unmit	Hauling	0	0	0	0	0
2024	Unmit	Vendor	0.00001	0.00001	0.00009	0.00005	0.002
2024	Unmit	Worker	0	0	0.00014	0.00016	0.00011
2024	Unmit	Total	0.00001	0.00001	0.00023	0.00021	0.00211
2024	Unmit	0	0	0	0	0	0
2024	Unmit	0	0	0	0	0	0
2024	Unmit	0	0	0	0	0	0
2024	Mitig	Mitigated	0	0	0	0	0
2024	Mitig	0	0	0	0	0	0

Date: 2/9/2022 11:02 AM

FS-8 Relocation Project (601 E Santa Clara St) - Santa Clara County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.1400e-003	0.0136	0.1738	2.6000e-004		4.2000e-004	4.2000e-004		4.2000e-004	4.2000e-004	0.0000	22.5545	22.5545	7.2900e-003	0.0000	22.7369
Total	**3.1400e-003**	**0.0136**	**0.1738**	**2.6000e-004**		**4.2000e-004**	**4.2000e-004**		**4.2000e-004**	**4.2000e-004**	**0.0000**	**22.5545**	**22.5545**	**7.2900e-003**	**0.0000**	**22.7369**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	2.0000e-003	6.2000e-004	1.0000e-005	3.0000e-004	1.0000e-005	3.1000e-004	9.0000e-005	1.0000e-005	1.0000e-004	0.0000	0.8816	0.8816	2.0000e-005	1.3000e-004	0.9206
Worker	1.6000e-004	1.1000e-004	1.4100e-003	0.0000	5.4000e-004	0.0000	5.4000e-004	1.4000e-004	0.0000	1.4000e-004	0.0000	0.4027	0.4027	1.0000e-005	1.0000e-005	0.4061
Total	**2.1000e-004**	**2.1100e-003**	**2.0300e-003**	**1.0000e-005**	**8.4000e-004**	**1.0000e-005**	**8.5000e-004**	**2.3000e-004**	**1.0000e-005**	**2.4000e-004**	**0.0000**	**1.2842**	**1.2842**	**3.0000e-005**	**1.4000e-004**	**1.3267**

3.5 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.0000e-003	0.0626	0.0846	1.3000e-004		2.9100e-003	2.9100e-003		2.7200e-003	2.7200e-003	0.0000	11.2424	11.2424	3.2900e-003	0.0000	11.3247
Paving	1.2000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**7.1200e-003**	**0.0626**	**0.0846**	**1.3000e-004**		**2.9100e-003**	**2.9100e-003**		**2.7200e-003**	**2.7200e-003**	**0.0000**	**11.2424**	**11.2424**	**3.2900e-003**	**0.0000**	**11.3247**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.2000e-004	3.6000e-004	4.6300e-003	1.0000e-005	1.6400e-003	1.0000e-005	1.6500e-003	4.4000e-004	1.0000e-005	4.4000e-004	0.0000	1.2655	1.2655	4.0000e-005	3.0000e-005	1.2768
Total	**5.2000e-004**	**3.6000e-004**	**4.6300e-003**	**1.0000e-005**	**1.6400e-003**	**1.0000e-005**	**1.6500e-003**	**4.4000e-004**	**1.0000e-005**	**4.4000e-004**	**0.0000**	**1.2655**	**1.2655**	**4.0000e-005**	**3.0000e-005**	**1.2768**

2024	Mitig		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
2024	Mitig	Category	0	0	0	0	0
2024	Mitig	Off-Road	0.00042	0.00042	#VALUE!	0.00314	0.0136
2024	Mitig	Total	0.00042	0.00042	#VALUE!	0.00314	0.0136
2024	Mitig	0	0	0	0	0	0
2024	Mitig	0	0	0	0	0	0
2024	Mitig	0	0	0	0	0	0
2024	Mitig	Mitigated	0	0	0	0	0
2024	Mitig	0	0	0	0	0	0
2024	Mitig		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
2024	Mitig	Category	0	0	0	0	0
2024	Mitig	Hauling	0	0	0	0	0
2024	Mitig	Vendor	0.00001	0.00001	0.00009	0.00005	0.002
2024	Mitig	Worker	0	0	0.00014	0.00016	0.00011
2024	Mitig	Total	0.00001	0.00001	0.00023	0.00021	0.00211
2024	Mitig	0	0	0	0	0	0
2023	Mitig	3.5 Paving	0	0	0	0	0
2023	Unmit	Unmitigat	0	0	0	0	0
2023	Unmit	0	0	0	0	0	0
2023	Unmit		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
2023	Unmit	Category	0	0	0	0	0
2023	Unmit	Off-Road	0.00291	0.00272	#VALUE!	0.007	0.0626
2023	Unmit	Paving	0	0	#VALUE!	0.00012	#VALUE!
2023	Unmit	Total	0.00291	0.00272	#VALUE!	0.00712	0.0626
2023	Unmit	0	0	0	0	0	0
2023	Unmit	0	0	0	0	0	0
2023	Unmit	0	0	0	0	0	0
2023	Unmit	Unmitigat	0	0	0	0	0
2023	Unmit	0	0	0	0	0	0
2023	Unmit		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
2023	Unmit	Category	0	0	0	0	0
2023	Unmit	Hauling	0	0	0	0	0
2023	Unmit	Vendor	0	0	0	0	0
2023	Unmit	Worker	0.00001	0.00001	0.00044	0.00052	0.00036
2023	Unmit	Total	0.00001	0.00001	0.00044	0.00052	0.00036

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.3500e-003	5.8300e-003	0.0830	1.3000e-004		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	11.2424	11.2424	3.2900e-003	0.0000	11.3246
Paving	1.2000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.4700e-003**	**5.8300e-003**	**0.0830**	**1.3000e-004**		**1.8000e-004**	**1.8000e-004**		**1.8000e-004**	**1.8000e-004**	**0.0000**	**11.2424**	**11.2424**	**3.2900e-003**	**0.0000**	**11.3246**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.2000e-004	3.6000e-004	4.6300e-003	1.0000e-005	1.6400e-003	1.0000e-005	1.6500e-003	4.4000e-004	1.0000e-005	4.4000e-004	0.0000	1.2655	1.2655	4.0000e-005	3.0000e-005	1.2768
Total	**5.2000e-004**	**3.6000e-004**	**4.6300e-003**	**1.0000e-005**	**1.6400e-003**	**1.0000e-005**	**1.6500e-003**	**4.4000e-004**	**1.0000e-005**	**4.4000e-004**	**0.0000**	**1.2655**	**1.2655**	**4.0000e-005**	**3.0000e-005**	**1.2768**

3.6 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0298					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.2000e-003	0.0150	0.0208	3.0000e-005		8.1000e-004	8.1000e-004		8.1000e-004	8.1000e-004	0.0000	2.9362	2.9362	1.8000e-004	0.0000	2.9406
Total	**0.0320**	**0.0150**	**0.0208**	**3.0000e-005**		**8.1000e-004**	**8.1000e-004**		**8.1000e-004**	**8.1000e-004**	**0.0000**	**2.9362**	**2.9362**	**1.8000e-004**	**0.0000**	**2.9406**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

2023	Unmit	0	0	0	0	0	0
2023	Unmit	0	0	0	0	0	0
2023	Unmit	0	0	0	0	0	0
2023	Mitig	Mitigated	0	0	0	0	0
2023	Mitig	0	0	0	0	0	0
2023	Mitig		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
2023	Mitig	Category	0	0	0	0	0
2023	Mitig	Off-Road	0.00018	0.00018	#VALUE!	0.00135	0.00583
2023	Mitig	Paving	0	0	#VALUE!	0.00012	#VALUE!
2023	Mitig	Total	0.00018	0.00018	#VALUE!	0.00147	0.00583
2023	Mitig	0	0	0	0	0	0
2023	Mitig	0	0	0	0	0	0
2023	Mitig	Mitigated	0	0	0	0	0
2023	Mitig	0	0	0	0	0	0
2023	Mitig		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
2023	Mitig	Category	0	0	0	0	0
2023	Mitig	Hauling	0	0	0	0	0
2023	Mitig	Vendor	0	0	0	0	0
2023	Mitig	Worker	0.00001	0.00001	0.00044	0.00052	0.00036
2023	Mitig	Total	0.00001	0.00001	0.00044	0.00052	0.00036
2023	Mitig	0	0	0	0	0	0
2023	Mitig	0	0	0	0	0	0
2023	Mitig	3.6 Archite	0	0	0	0	0
2023	Unmit	Unmitigat	0	0	0	0	0
2023	Unmit	0	0	0	0	0	0
2023	Unmit		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
2023	Unmit	Category	0	0	0	0	0
2023	Unmit	Archit. Co	0	0	#VALUE!	0.0298	#VALUE!
2023	Unmit	Off-Road	0.00081	0.00081	#VALUE!	0.0022	0.015
2023	Unmit	Total	0.00081	0.00081	#VALUE!	0.032	0.015
2023	Unmit	0	0	0	0	0	0
2023	Unmit	0	0	0	0	0	0
2023	Unmit	Unmitigat	0	0	0	0	0
2023	Unmit	0	0	0	0	0	0
2023	Unmit		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!

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Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-005	2.0000e-005	2.6000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0703	0.0703	0.0000	0.0000	0.0709
Total	**3.0000e-005**	**2.0000e-005**	**2.6000e-004**	**0.0000**	**9.0000e-005**	**0.0000**	**9.0000e-005**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**0.0703**	**0.0703**	**0.0000**	**0.0000**	**0.0709**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0298					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.4000e-004	1.4800e-003	0.0211	3.0000e-005		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	2.9362	2.9362	1.8000e-004	0.0000	2.9406
Total	**0.0302**	**1.4800e-003**	**0.0211**	**3.0000e-005**		**5.0000e-005**	**5.0000e-005**		**5.0000e-005**	**5.0000e-005**	**0.0000**	**2.9362**	**2.9362**	**1.8000e-004**	**0.0000**	**2.9406**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-005	2.0000e-005	2.6000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0703	0.0703	0.0000	0.0000	0.0709
Total	**3.0000e-005**	**2.0000e-005**	**2.6000e-004**	**0.0000**	**9.0000e-005**	**0.0000**	**9.0000e-005**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**0.0703**	**0.0703**	**0.0000**	**0.0000**	**0.0709**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

2023	Unmit	Category	0	0	0	0	0
2023	Unmit	Hauling	0	0	0	0	0
2023	Unmit	Vendor	0	0	0	0	0
2023	Unmit	Worker	0	0	0.00002	0.00003	0.00002
2023	Unmit	Total	0	0	0.00002	0.00003	0.00002
2023	Unmit	0	0	0	0	0	0
2023	Unmit	0	0	0	0	0	0
2023	Unmit	0	0	0	0	0	0
2023	Mitig	Mitigated	0	0	0	0	0
2023	Mitig	0	0	0	0	0	0
2023	Mitig		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
2023	Mitig	Category	0	0	0	0	0
2023	Mitig	Archit. Co	0	0	#VALUE!	0.0298	#VALUE!
2023	Mitig	Off-Road	0.00005	0.00005	#VALUE!	0.00034	0.00148
2023	Mitig	Total	0.00005	0.00005	#VALUE!	0.0302	0.00148
2023	Mitig	0	0	0	0	0	0
2023	Mitig	0	0	0	0	0	0
2023	Mitig	Mitigated	0	0	0	0	0
2023	Mitig	0	0	0	0	0	0
2023	Mitig		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
2023	Mitig	Category	0	0	0	0	0
2023	Mitig	Hauling	0	0	0	0	0
2023	Mitig	Vendor	0	0	0	0	0
2023	Mitig	Worker	0	0	0.00002	0.00003	0.00002
2023	Mitig	Total	0	0	0.00002	0.00003	0.00002

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Mitigated	2.8700e-003	0.1062	0.0429	3.7000e-004	9.4600e-003	6.3000e-004	0.0101	2.6000e-003	6.0000e-004	3.2000e-003	0.0000	36.4830	36.4830	1.2100e-003	5.7800e-003	38.2363
Unmitigated	2.8700e-003	0.1062	0.0429	3.7000e-004	9.4600e-003	6.3000e-004	0.0101	2.6000e-003	6.0000e-004	3.2000e-003	0.0000	36.4830	36.4830	1.2100e-003	5.7800e-003	38.2363

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Government Office Building	13.02	13.02	13.02	22,319	22,319
Parking Lot	0.00	0.00	0.00		
Total	13.02	13.02	13.02	22,319	22,319

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Government Office Building	9.50	7.30	7.30	33.00	62.00	5.00	50	34	16
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Government Office Building	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Parking Lot	0.572464	0.055653	0.187060	0.115672	0.020329	0.005102	0.007934	0.006404	0.000900	0.000380	0.024412	0.000914	0.002776

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Government Office Building	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Government Office Building	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Government Office Building	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Government Office Building	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.0 Water Detail

7.1 Mitigation Measures Water

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	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Government Office Building	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Government Office Building	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

FS-8 Relocation Project (601 E Santa Clara St) - Santa Clara County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Government Office Building	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Government Office Building	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	1	50	168	0.73	Diesel

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

FS-8 Relocation Project (601 E Santa Clara St) - Santa Clara County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Equipment Type	tons/yr										MT/yr					
Emergency Generator - Diesel (100 - 175 HP)	6.8900e-003	0.0193	0.0250	3.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003	0.0000	3.1987	3.1987	4.5000e-004	0.0000	3.2099
Total	**6.8900e-003**	**0.0193**	**0.0250**	**3.0000e-005**		**1.0100e-003**	**1.0100e-003**		**1.0100e-003**	**1.0100e-003**	**0.0000**	**3.1987**	**3.1987**	**4.5000e-004**	**0.0000**	**3.2099**

11.0 Vegetation

Fire Station No. 8 Relocation Criteria Air Pollutant Summary

Phase Name	Construction Year	Start Date	End Date	Workdays
FS-8 Construction	2022	6/1/2022	8/1/2022	44
	2023	3/1/2023	12/31/2023	218
	2024	1/1/2024	3/1/2024	45

Workdays	
2022	44
2023	218
2024	45

Unmitigated Construction Results

	Criteria Air Pollutant (ton/year)				Criteria Air Pollutant (ppd)			
Year	ROG	NO_X	PM_{10}	$PM_{2.5}$	ROG	NO_X	PM_{10}	$PM_{2.5}$
2022	0.016	0.147	0.007	0.007	0.74	6.69	0.34	0.33
2023	0.114	0.858	0.040	0.037	1.05	7.88	0.37	0.34
2024	0.014	0.137	0.006	0.006	0.60	6.07	0.28	0.26
Max	0.114	0.858	0.040	0.037	1.05	7.88	0.37	0.34

Mitigated Construction Results

	Criteria Air Pollutant (ton/year)				Criteria Air Pollutant (ppd)			
Year	ROG	NO_X	PM_{10}	$PM_{2.5}$	ROG	NO_X	PM_{10}	$PM_{2.5}$
2022	0.004	0.019	0.000	0.000	0.17	0.84	0.02	0.02
2023	0.050	0.099	0.003	0.003	0.46	0.91	0.02	0.02
2024	0.003	0.016	0.000	0.000	0.15	0.70	0.02	0.02
Max	0.050	0.099	0.003	0.003	0.46	0.91	0.02	0.02

Operational Results

Assumptions

Design, based on the	4	minute geographic reach
Average Speed	35	mph

Inputs

Net New Calls	13	per day

Calculations

Fire Truck Trips	26	per day
	9490	per year
Fire Truck VMT	61	per day
	22143	per year

	Criteria Air Pollutant (ton/year)				Criteria Air Pollutant (ppd)			
Source	ROG	NO_X	PM_{10}	$PM_{2.5}$	ROG	NO_X	PM_{10}	$PM_{2.5}$
Mobile	0.001	0.047	0.004	0.001	0.00	0.26	0.02	0.01
Total	0.001	0.047	0.004	0.001	0.003	0.257	0.021	0.006

MEIR Receptor - Cumulative Risk

	Unmitigated			Mitigated				
MEIR Type	Cancer Risk (per million)	HI	$PM_{2.5}$ (ug/m^3)	Cancer Risk (per million)	HI	$PM_{2.5}$ (ug/m^3)	UTM X	UTM Y
Construction	39.33	0.05	0.22	2.38	0.00	0.01	599380.00	4133480.00
Operations	0.50	0.00	0.00	NA	NA	NA	599500.00	4133400.00

<=20	$y = 126.5x^{-1.582}$	gas
<=20	$y = 58.873x^{-1.246}$	generator
<=5	$y = 0.9433e^{-0.007x}$	generic case

BAAQMD Nearby Stationary Sources (report pulled 2/9/2022)

FID	FACID	Name	Address	Type	UTM X	UTM Y	Cancer	Hazard	PM_25
6275	23495	Downtown San Jose - V	777 E Santa Clara St	Generators	599648.36	4133517	0.27	0	0
6746	100402	City Gas	510 E Santa Clara St	Gas Dispensing Facili	599208.1	4133290	6.72	0.03	0

Stationary Source Impacts at MEIR, Construction

FACID	Distance From MEIR (m)	Distance Multiplier	Cancer	Hazard	PM2.5
6275	270.9	0.1	0.01	0.00	0.00
6746	256.3	0.0	0.13	0.00	0.00

Stationary Source Impacts at MEIR, Operations

FACID	Distance From MEIR (m)	Distance Multiplier	Cancer	Hazard	PM2.5
6275	189.0	0.1	0.02	0.00	0.00
6746	312.0	0.0	0.10	0.00	0.00

BAAQMD Nearby Mobile Sources

Mobile Source Impacts at MEIR, Construction

Roadway Name	Distance From MEIR (m)	Cancer	Hazard	PM2.5
E. Santa Clara Street	45.7	7.45	NA	0.11

Mobile Source Impacts at MEIR, Operations

Roadway Name	Distance From MEIR (m)	Cancer	Hazard	PM2.5
E. Santa Clara Street	68.6	5.62	NA	0.10

Adjustment Factor 1.3744 *applied to account for revised 2012 OEHHA Breathing rates*

Total Cumulative Impacts at MEIR

Construction MEIR	Unmitigated			Mitigated		
Source Type	Cancer Risk (per million)	HI	$PM_{2.5}$ (ug/m^3)	Cancer Risk (per million)	HI	$PM_{2.5}$ (ug/m^3)
Project Construction	39.33	0.05	0.22	2.38	0.00	0.01
Project Operations	0.27	NA	NA	0.27	NA	NA
Stationary	0.15	0.00	0.00	0.15	0.00	0.00
Mobile	7.45	NA	0.11	7.45	NA	0.11
Total	47.2	0.05	0.32	10.2	0.00	0.12

Operational MEIR	Unmitigated			Mitigated		
Source Type	Cancer Risk (per million)	HI	$PM_{2.5}$ (ug/m^3)	Cancer Risk (per million)	HI	$PM_{2.5}$ (ug/m^3)
Project	0.50	0.00	0.00	0.50	0.00	0.00
Stationary	0.12	0.00	0.00	0.12	0.00	0.00
Mobile	5.62	NA	0.10	5.62	NA	0.10
Total	6.2	0.0	0.1	6.2	0.0	0.1

All Receptors - Operational Risk Cancer Risk

				Days				DPM (tons)	$PM_{2.5}$ (tons)
Operation	Generator	Start Date	End Date	3rd Trimester	Age 0<2	Age 2<16	Age 16<30	Annual O&M	Annual O&M
O&M	1	Annual		91	730	5110	5110	1.01E-03	1.01E-03

				DPM (g/s)	$PM_{2.5}$ (g/s)
Construction Year	Phase	Start Date	End Date	Annual O&M	Annual O&M
O&M	1	Annual		2.91E-05	2.91E-05

Risk Factors

	Abbreviation	UOM	3rd Trimester	0<2	2<16	16<30
Daily Breathing Rate (95th %'ile)	DBR	L/kg-day	361	1090	572	261
Fraction Of Time At Home	FAH	unitless	1	1	1	0.73
Exposure Frequency	EF	days/year	0.96	0.96	0.96	0.96
Age Sensitivity Factor	ASF	unitless	10	10	3	1
Inhalation Absorption Factor	A	unitless	1	1	1	1
Conversion Factor	CF_1	m^3/L	0.001	0.001	0.001	0.001
Conversion Factor	CF_2	$\mu g/m^3$	0.001	0.001	0.001	0.001
Cancer Potency Factor (diesel exhau	CPF	$mg/kg\text{-}day^{-1}$	1.1	1.1	1.1	1.1
Averaging Time (for residential exp	AT	years	70.00	70.00	70	70

Intake Factor for Inhalation, IF (m^3/kg-day)

	Year	Equation	3rd Trimester	0<2	2<16	16<30
Generator O&M	Annual	DBR*FAH*EF *ED*ASF*A* CF/AT	0.012	0.299	0.329	0.037

Risk Calculation Part 1, R1

Year		3rd Trimester	0<2	2<16	16<30
Annual	IF*CPF*CF	1.36E-05	3.28E-04	3.62E-04	4.02E-05

Risk Factors

	Abbreviation	UOM	
Chronic Inhalation	REL	ug/m^3	5

MAX	Max Risk	UTM X	UTM Y	
Cancer	0.50	599500	4133400	Potential Resident
HI	0.00	599480	4133440	
$PM_{2.5}$	0.00	599480	4133440	

Diesel Particulate Matter concentration, C_{DPM} (ug/m^3)

			Annual O&M	Risk Calculation Part 2					HI	PM2.5	
				$\sum R1*C_{DPM}$					C_{DPM}/REL	Annual O&M	
Lookup	X (UTM)	Y (UTM	EDG	3rd Trimester	0<2	2<16	16<30	Total		EDG	
599280_4133140	599280	4133140	1.64E-05	2.23E-10	5.39E-09	5.94E-09	6.59E-10	0.01	0.00	1.64E-05	Potential Resident
599300_4133140	599300	4133140	1.74E-05	2.37E-10	5.73E-09	6.32E-09	7.01E-10	0.01	0.00	1.74E-05	Potential Resident
599320_4133140	599320	4133140	1.85E-05	2.51E-10	6.09E-09	6.71E-09	7.45E-10	0.01	0.00	1.85E-05	Potential Resident
599340_4133140	599340	4133140	1.93E-05	2.62E-10	6.34E-09	6.99E-09	7.76E-10	0.01	0.00	1.93E-05	Potential Resident
599360_4133140	599360	4133140	2.01E-05	2.72E-10	6.59E-09	7.27E-09	8.07E-10	0.01	0.00	2.01E-05	Potential Resident
599380_4133140	599380	4133140	2.13E-05	2.89E-10	6.99E-09	7.70E-09	8.55E-10	0.02	0.00	2.13E-05	Potential Resident
599400_4133140	599400	4133140	2.28E-05	3.09E-10	7.49E-09	8.25E-09	9.16E-10	0.02	0.00	2.28E-05	Potential Resident
599420_4133140	599420	4133140	2.61E-05	3.54E-10	8.58E-09	9.46E-09	1.05E-09	0.02	0.00	2.61E-05	Potential Resident
599440_4133140	599440	4133140	3.08E-05	4.18E-10	1.01E-08	1.12E-08	1.24E-09	0.02	0.00	3.08E-05	Potential Resident
599460_4133140	599460	4133140	3.51E-05	4.75E-10	1.15E-08	1.27E-08	1.41E-09	0.03	0.00	3.51E-05	Potential Resident
599480_4133140	599480	4133140	4.13E-05	5.60E-10	1.36E-08	1.49E-08	1.66E-09	0.03	0.00	4.13E-05	Potential Resident
599240_4133160	599240	4133160	1.59E-05	2.15E-10	5.21E-09	5.74E-09	6.37E-10	0.01	0.00	1.59E-05	Potential Resident
599260_4133160	599260	4133160	1.65E-05	2.24E-10	5.42E-09	5.97E-09	6.63E-10	0.01	0.00	1.65E-05	Potential Resident
599280_4133160	599280	4133160	1.70E-05	2.31E-10	5.60E-09	6.17E-09	6.85E-10	0.01	0.00	1.70E-05	Potential Resident
599300_4133160	599300	4133160	1.81E-05	2.46E-10	5.96E-09	6.57E-09	7.29E-10	0.01	0.00	1.81E-05	Potential Resident
599320_4133160	599320	4133160	1.92E-05	2.61E-10	6.31E-09	6.96E-09	7.73E-10	0.01	0.00	1.92E-05	Potential Resident
599340_4133160	599340	4133160	2.02E-05	2.74E-10	6.62E-09	7.30E-09	8.11E-10	0.02	0.00	2.02E-05	Potential Resident
599360_4133160	599360	4133160	2.11E-05	2.86E-10	6.93E-09	7.64E-09	8.48E-10	0.02	0.00	2.11E-05	Potential Resident
599380_4133160	599380	4133160	2.24E-05	3.04E-10	7.36E-09	8.11E-09	9.01E-10	0.02	0.00	2.24E-05	Potential Resident
599400_4133160	599400	4133160	2.41E-05	3.27E-10	7.93E-09	8.74E-09	9.70E-10	0.02	0.00	2.41E-05	Potential Resident
599420_4133160	599420	4133160	2.81E-05	3.81E-10	9.22E-09	1.02E-08	1.13E-09	0.02	0.00	2.81E-05	Potential Resident
599440_4133160	599440	4133160	3.27E-05	4.44E-10	1.07E-08	1.18E-08	1.31E-09	0.02	0.00	3.27E-05	Potential Resident
599460_4133160	599460	4133160	3.82E-05	5.18E-10	1.26E-08	1.38E-08	1.54E-09	0.03	0.00	3.82E-05	Potential Resident
599480_4133160	599480	4133160	4.60E-05	6.24E-10	1.51E-08	1.67E-08	1.85E-09	0.03	0.00	4.60E-05	Potential Resident
599500_4133160	599500	4133160	5.85E-05	7.93E-10	1.92E-08	2.12E-08	2.35E-09	0.04	0.00	5.85E-05	Potential Resident
599520_4133160	599520	4133160	7.83E-05	1.06E-09	2.57E-08	2.84E-08	3.15E-09	0.06	0.00	7.83E-05	Potential Resident
599540_4133160	599540	4133160	9.80E-05	1.33E-09	3.22E-08	3.55E-08	3.94E-09	0.07	0.00	9.80E-05	Potential Resident
599200_4133180	599200	4133180	1.54E-05	2.09E-10	5.07E-09	5.59E-09	6.21E-10	0.01	0.00	1.54E-05	Potential Resident
599220_4133180	599220	4133180	1.57E-05	2.14E-10	5.17E-09	5.70E-09	6.33E-10	0.01	0.00	1.57E-05	Potential Resident
599240_4133180	599240	4133180	1.64E-05	2.23E-10	5.40E-09	5.95E-09	6.61E-10	0.01	0.00	1.64E-05	Potential Resident
599260_4133180	599260	4133180	1.73E-05	2.34E-10	5.67E-09	6.25E-09	6.94E-10	0.01	0.00	1.73E-05	Potential Resident
599280_4133180	599280	4133180	1.77E-05	2.40E-10	5.82E-09	6.42E-09	7.13E-10	0.01	0.00	1.77E-05	Potential Resident
599300_4133180	599300	4133180	1.89E-05	2.57E-10	6.22E-09	6.85E-09	7.61E-10	0.01	0.00	1.89E-05	Potential Resident
599320_4133180	599320	4133180	2.03E-05	2.75E-10	6.66E-09	7.34E-09	8.15E-10	0.02	0.00	2.03E-05	Potential Resident
599340_4133180	599340	4133180	2.11E-05	2.86E-10	6.92E-09	7.63E-09	8.47E-10	0.02	0.00	2.11E-05	Potential Resident
599360_4133180	599360	4133180	2.23E-05	3.02E-10	7.32E-09	8.07E-09	8.95E-10	0.02	0.00	2.23E-05	Potential Resident
599380_4133180	599380	4133180	2.37E-05	3.22E-10	7.79E-09	8.59E-09	9.53E-10	0.02	0.00	2.37E-05	Potential Resident
599400_4133180	599400	4133180	2.60E-05	3.53E-10	8.54E-09	9.42E-09	1.05E-09	0.02	0.00	2.60E-05	Potential Resident
599420_4133180	599420	4133180	2.97E-05	4.03E-10	9.76E-09	1.08E-08	1.19E-09	0.02	0.00	2.97E-05	Potential Resident
599440_4133180	599440	4133180	3.56E-05	4.83E-10	1.17E-08	1.29E-08	1.43E-09	0.03	0.00	3.56E-05	Potential Resident
599460_4133180	599460	4133180	4.21E-05	5.71E-10	1.38E-08	1.52E-08	1.69E-09	0.03	0.00	4.21E-05	Potential Resident
599480_4133180	599480	4133180	5.23E-05	7.10E-10	1.72E-08	1.89E-08	2.10E-09	0.04	0.00	5.23E-05	Potential Resident
599500_4133180	599500	4133180	7.03E-05	9.54E-10	2.31E-08	2.55E-08	2.83E-09	0.05	0.00	7.03E-05	Potential Resident
599520_4133180	599520	4133180	9.26E-05	1.26E-09	3.04E-08	3.35E-08	3.72E-09	0.07	0.00	9.26E-05	Potential Resident
599540_4133180	599540	4133180	1.15E-04	1.56E-09	3.77E-08	4.15E-08	4.61E-09	0.09	0.00	1.15E-04	Potential Resident
599560_4133180	599560	4133180	1.35E-04	1.83E-09	4.43E-08	4.89E-08	5.42E-09	0.10	0.00	1.35E-04	Potential Resident
599180_4133200	599180	4133200	1.58E-05	2.14E-10	5.18E-09	5.71E-09	6.34E-10	0.01	0.00	1.58E-05	Potential Resident
599200_4133200	599200	4133200	1.59E-05	2.16E-10	5.23E-09	5.76E-09	6.40E-10	0.01	0.00	1.59E-05	Potential Resident
599220_4133200	599220	4133200	1.66E-05	2.25E-10	5.46E-09	6.01E-09	6.68E-10	0.01	0.00	1.66E-05	Potential Resident
599240_4133200	599240	4133200	1.71E-05	2.32E-10	5.62E-09	6.19E-09	6.88E-10	0.01	0.00	1.71E-05	Potential Resident
599260_4133200	599260	4133200	1.82E-05	2.46E-10	5.96E-09	6.57E-09	7.30E-10	0.01	0.00	1.82E-05	Potential Resident
599280_4133200	599280	4133200	1.87E-05	2.54E-10	6.14E-09	6.77E-09	7.52E-10	0.01	0.00	1.87E-05	Potential Resident
599300_4133200	599300	4133200	1.98E-05	2.69E-10	6.51E-09	7.17E-09	7.96E-10	0.01	0.00	1.98E-05	Potential Resident
599320_4133200	599320	4133200	2.12E-05	2.88E-10	6.98E-09	7.69E-09	8.54E-10	0.02	0.00	2.12E-05	Potential Resident
599340_4133200	599340	4133200	2.24E-05	3.03E-10	7.35E-09	8.10E-09	8.99E-10	0.02	0.00	2.24E-05	Potential Resident
599360_4133200	599360	4133200	2.37E-05	3.22E-10	7.80E-09	8.60E-09	9.55E-10	0.02	0.00	2.37E-05	Potential Resident
599380_4133200	599380	4133200	2.53E-05	3.42E-10	8.30E-09	9.14E-09	1.02E-09	0.02	0.00	2.53E-05	Potential Resident
599400_4133200	599400	4133200	2.78E-05	3.77E-10	9.14E-09	1.01E-08	1.12E-09	0.02	0.00	2.78E-05	Potential Resident
599420_4133200	599420	4133200	3.22E-05	4.37E-10	1.06E-08	1.17E-08	1.29E-09	0.02	0.00	3.22E-05	Potential Resident
599440_4133200	599440	4133200	3.88E-05	5.27E-10	1.28E-08	1.41E-08	1.56E-09	0.03	0.00	3.88E-05	Potential Resident
599460_4133200	599460	4133200	4.72E-05	6.40E-10	1.55E-08	1.71E-08	1.90E-09	0.04	0.00	4.72E-05	Potential Resident
599480_4133200	599480	4133200	6.18E-05	8.39E-10	2.03E-08	2.24E-08	2.49E-09	0.05	0.00	6.18E-05	Potential Resident
599500_4133200	599500	4133200	8.48E-05	1.15E-09	2.78E-08	3.07E-08	3.41E-09	0.06	0.00	8.48E-05	Potential Resident
599520_4133200	599520	4133200	1.09E-04	1.48E-09	3.59E-08	3.96E-08	4.39E-09	0.08	0.00	1.09E-04	Potential Resident
599540_4133200	599540	4133200	1.35E-04	1.83E-09	4.43E-08	4.88E-08	5.41E-09	0.10	0.00	1.35E-04	Potential Resident
599560_4133200	599560	4133200	1.53E-04	2.07E-09	5.02E-08	5.53E-08	6.14E-09	0.11	0.00	1.53E-04	Potential Resident
599580_4133200	599580	4133200	1.62E-04	2.20E-09	5.32E-08	5.86E-08	6.51E-09	0.12	0.00	1.62E-04	Potential Resident
599600_4133200	599600	4133200	1.68E-04	2.27E-09	5.50E-08	6.07E-08	6.74E-09	0.12	0.00	1.68E-04	Potential Resident
599160_4133220	599160	4133220	1.59E-05	2.16E-10	5.24E-09	5.77E-09	6.41E-10	0.01	0.00	1.59E-05	Potential Resident
599180_4133220	599180	4133220	1.65E-05	2.24E-10	5.42E-09	5.97E-09	6.63E-10	0.01	0.00	1.65E-05	Potential Resident
599200_4133220	599200	4133220	1.70E-05	2.31E-10	5.59E-09	6.16E-09	6.84E-10	0.01	0.00	1.70E-05	Potential Resident
599220_4133220	599220	4133220	1.74E-05	2.35E-10	5.70E-09	6.28E-09	6.98E-10	0.01	0.00	1.74E-05	Potential Resident
599240_4133220	599240	4133220	1.81E-05	2.45E-10	5.93E-09	6.54E-09	7.26E-10	0.01	0.00	1.81E-05	Potential Resident
599260_4133220	599260	4133220	1.89E-05	2.56E-10	6.20E-09	6.83E-09	7.58E-10	0.01	0.00	1.89E-05	Potential Resident
599280_4133220	599280	4133220	2.00E-05	2.71E-10	6.56E-09	7.23E-09	8.03E-10	0.01	0.00	2.00E-05	Potential Resident
599300_4133220	599300	4133220	2.09E-05	2.84E-10	6.88E-09	7.58E-09	8.42E-10	0.02	0.00	2.09E-05	Potential Resident

599320_4133220	599320	4133220	2.24E-05	3.04E-10	7.36E-09	8.11E-09	9.01E-10	0.02	0.00	2.24E-05	Potential Resident
599340_4133220	599340	4133220	2.38E-05	3.23E-10	7.82E-09	8.61E-09	9.56E-10	0.02	0.00	2.38E-05	Potential Resident
599360_4133220	599360	4133220	2.55E-05	3.45E-10	8.36E-09	9.21E-09	1.02E-09	0.02	0.00	2.55E-05	Potential Resident
599380_4133220	599380	4133220	2.74E-05	3.72E-10	9.00E-09	9.92E-09	1.10E-09	0.02	0.00	2.74E-05	Potential Resident
599400_4133220	599400	4133220	2.99E-05	4.05E-10	9.81E-09	1.08E-08	1.20E-09	0.02	0.00	2.99E-05	Potential Resident
599420_4133220	599420	4133220	3.54E-05	4.80E-10	1.16E-08	1.28E-08	1.42E-09	0.03	0.00	3.54E-05	Potential Resident
599440_4133220	599440	4133220	4.26E-05	5.78E-10	1.40E-08	1.54E-08	1.71E-09	0.03	0.00	4.26E-05	Potential Resident
599460_4133220	599460	4133220	5.37E-05	7.29E-10	1.77E-08	1.95E-08	2.16E-09	0.04	0.00	5.37E-05	Potential Resident
599480_4133220	599480	4133220	7.41E-05	1.01E-09	2.43E-08	2.68E-08	2.98E-09	0.06	0.00	7.41E-05	Potential Resident
599500_4133220	599500	4133220	1.01E-04	1.37E-09	3.31E-08	3.64E-08	4.05E-09	0.07	0.00	1.01E-04	Potential Resident
599520_4133220	599520	4133220	1.31E-04	1.78E-09	4.31E-08	4.75E-08	5.27E-09	0.10	0.00	1.31E-04	Potential Resident
599540_4133220	599540	4133220	1.55E-04	2.10E-09	5.09E-08	5.60E-08	6.22E-09	0.12	0.00	1.55E-04	Potential Resident
599560_4133220	599560	4133220	1.74E-04	2.36E-09	5.71E-08	6.30E-08	6.99E-09	0.13	0.00	1.74E-04	Potential Resident
599580_4133220	599580	4133220	1.81E-04	2.46E-09	5.95E-08	6.55E-08	7.28E-09	0.13	0.00	1.81E-04	Potential Resident
599600_4133220	599600	4133220	1.78E-04	2.42E-09	5.86E-08	6.45E-08	7.17E-09	0.13	0.00	1.78E-04	Potential Resident
599620_4133220	599620	4133220	1.82E-04	2.47E-09	5.98E-08	6.59E-08	7.31E-09	0.14	0.00	1.82E-04	Potential Resident
599140_4133240	599140	4133240	1.61E-05	2.18E-10	5.28E-09	5.82E-09	6.46E-10	0.01	0.00	1.61E-05	Potential Resident
599160_4133240	599160	4133240	1.66E-05	2.26E-10	5.46E-09	6.02E-09	6.68E-10	0.01	0.00	1.66E-05	Potential Resident
599180_4133240	599180	4133240	1.73E-05	2.34E-10	5.67E-09	6.25E-09	6.94E-10	0.01	0.00	1.73E-05	Potential Resident
599200_4133240	599200	4133240	1.80E-05	2.44E-10	5.91E-09	6.51E-09	7.23E-10	0.01	0.00	1.80E-05	Potential Resident
599220_4133240	599220	4133240	1.85E-05	2.51E-10	6.07E-09	6.69E-09	7.43E-10	0.01	0.00	1.85E-05	Potential Resident
599240_4133240	599240	4133240	1.91E-05	2.59E-10	6.28E-09	6.93E-09	7.69E-10	0.01	0.00	1.91E-05	Potential Resident
599260_4133240	599260	4133240	2.01E-05	2.73E-10	6.60E-09	7.28E-09	8.08E-10	0.01	0.00	2.01E-05	Potential Resident
599280_4133240	599280	4133240	2.12E-05	2.88E-10	6.98E-09	7.69E-09	8.54E-10	0.02	0.00	2.12E-05	Potential Resident
599300_4133240	599300	4133240	2.22E-05	3.02E-10	7.31E-09	8.05E-09	8.94E-10	0.02	0.00	2.22E-05	Potential Resident
599320_4133240	599320	4133240	2.38E-05	3.23E-10	7.82E-09	8.62E-09	9.57E-10	0.02	0.00	2.38E-05	Potential Resident
599340_4133240	599340	4133240	2.56E-05	3.47E-10	8.41E-09	9.26E-09	1.03E-09	0.02	0.00	2.56E-05	Potential Resident
599360_4133240	599360	4133240	2.74E-05	3.71E-10	8.99E-09	9.91E-09	1.10E-09	0.02	0.00	2.74E-05	Potential Resident
599380_4133240	599380	4133240	2.96E-05	4.01E-10	9.72E-09	1.07E-08	1.19E-09	0.02	0.00	2.96E-05	Potential Resident
599400_4133240	599400	4133240	3.29E-05	4.46E-10	1.08E-08	1.19E-08	1.32E-09	0.02	0.00	3.29E-05	Potential Resident
599420_4133240	599420	4133240	3.91E-05	5.30E-10	1.28E-08	1.42E-08	1.57E-09	0.03	0.00	3.91E-05	Potential Resident
599440_4133240	599440	4133240	4.80E-05	6.52E-10	1.58E-08	1.74E-08	1.93E-09	0.04	0.00	4.80E-05	Potential Resident
599460_4133240	599460	4133240	6.35E-05	8.61E-10	2.08E-08	2.30E-08	2.55E-09	0.05	0.00	6.35E-05	Potential Resident
599480_4133240	599480	4133240	9.23E-05	1.25E-09	3.03E-08	3.34E-08	3.71E-09	0.07	0.00	9.23E-05	Potential Resident
599500_4133240	599500	4133240	1.24E-04	1.68E-09	4.06E-08	4.47E-08	4.97E-09	0.09	0.00	1.24E-04	Potential Resident
599520_4133240	599520	4133240	1.57E-04	2.13E-09	5.15E-08	5.68E-08	6.31E-09	0.12	0.00	1.57E-04	Potential Resident
599540_4133240	599540	4133240	1.81E-04	2.46E-09	5.96E-08	6.57E-08	7.29E-09	0.14	0.00	1.81E-04	Potential Resident
599560_4133240	599560	4133240	1.94E-04	2.63E-09	6.38E-08	7.03E-08	7.81E-09	0.14	0.00	1.94E-04	Potential Resident
599580_4133240	599580	4133240	1.95E-04	2.65E-09	6.41E-08	7.06E-08	7.84E-09	0.15	0.00	1.95E-04	Potential Resident
599600_4133240	599600	4133240	1.97E-04	2.67E-09	6.47E-08	7.14E-08	7.92E-09	0.15	0.00	1.97E-04	Potential Resident
599620_4133240	599620	4133240	1.95E-04	2.65E-09	6.42E-08	7.07E-08	7.85E-09	0.15	0.00	1.95E-04	Potential Resident
599640_4133240	599640	4133240	1.89E-04	2.57E-09	6.22E-08	6.86E-08	7.61E-09	0.14	0.00	1.89E-04	Potential Resident
599120_4133260	599120	4133260	1.65E-05	2.23E-10	5.41E-09	5.96E-09	6.62E-10	0.01	0.00	1.65E-05	Potential Resident
599140_4133260	599140	4133260	1.69E-05	2.29E-10	5.55E-09	6.11E-09	6.79E-10	0.01	0.00	1.69E-05	Potential Resident
599160_4133260	599160	4133260	1.75E-05	2.37E-10	5.74E-09	6.33E-09	7.03E-10	0.01	0.00	1.75E-05	Potential Resident
599180_4133260	599180	4133260	1.81E-05	2.45E-10	5.94E-09	6.54E-09	7.27E-10	0.01	0.00	1.81E-05	Potential Resident
599200_4133260	599200	4133260	1.90E-05	2.58E-10	6.24E-09	6.88E-09	7.64E-10	0.01	0.00	1.90E-05	Potential Resident
599220_4133260	599220	4133260	1.98E-05	2.68E-10	6.50E-09	7.16E-09	7.95E-10	0.01	0.00	1.98E-05	Potential Resident
599240_4133260	599240	4133260	2.06E-05	2.80E-10	6.78E-09	7.48E-09	8.30E-10	0.02	0.00	2.06E-05	Potential Resident
599260_4133260	599260	4133260	2.14E-05	2.91E-10	7.04E-09	7.75E-09	8.61E-10	0.02	0.00	2.14E-05	Potential Resident
599280_4133260	599280	4133260	2.25E-05	3.06E-10	7.41E-09	8.16E-09	9.06E-10	0.02	0.00	2.25E-05	Potential Resident
599300_4133260	599300	4133260	2.40E-05	3.25E-10	7.88E-09	8.68E-09	9.64E-10	0.02	0.00	2.40E-05	Potential Resident
599320_4133260	599320	4133260	2.57E-05	3.49E-10	8.45E-09	9.31E-09	1.03E-09	0.02	0.00	2.57E-05	Potential Resident
599340_4133260	599340	4133260	2.78E-05	3.77E-10	9.13E-09	1.01E-08	1.12E-09	0.02	0.00	2.78E-05	Potential Resident
599360_4133260	599360	4133260	2.98E-05	4.05E-10	9.81E-09	1.08E-08	1.20E-09	0.02	0.00	2.98E-05	Potential Resident
599380_4133260	599380	4133260	3.25E-05	4.40E-10	1.07E-08	1.18E-08	1.30E-09	0.02	0.00	3.25E-05	Potential Resident
599400_4133260	599400	4133260	3.61E-05	4.90E-10	1.19E-08	1.31E-08	1.45E-09	0.03	0.00	3.61E-05	Potential Resident
599420_4133260	599420	4133260	4.36E-05	5.91E-10	1.43E-08	1.58E-08	1.75E-09	0.03	0.00	4.36E-05	Potential Resident
599440_4133260	599440	4133260	5.55E-05	7.53E-10	1.82E-08	2.01E-08	2.23E-09	0.04	0.00	5.55E-05	Potential Resident
599460_4133260	599460	4133260	7.82E-05	1.06E-09	2.57E-08	2.83E-08	3.14E-09	0.06	0.00	7.82E-05	Potential Resident
599480_4133260	599480	4133260	1.13E-04	1.54E-09	3.72E-08	4.10E-08	4.56E-09	0.08	0.00	1.13E-04	Potential Resident
599500_4133260	599500	4133260	1.53E-04	2.07E-09	5.01E-08	5.52E-08	6.13E-09	0.11	0.00	1.53E-04	Potential Resident
599520_4133260	599520	4133260	1.84E-04	2.50E-09	6.06E-08	6.67E-08	7.41E-09	0.14	0.00	1.84E-04	Potential Resident
599540_4133260	599540	4133260	2.07E-04	2.80E-09	6.79E-08	7.48E-08	8.31E-09	0.15	0.00	2.07E-04	Potential Resident
599560_4133260	599560	4133260	2.09E-04	2.83E-09	6.85E-08	7.55E-08	8.39E-09	0.16	0.00	2.09E-04	Potential Resident
599580_4133260	599580	4133260	2.17E-04	2.94E-09	7.11E-08	7.84E-08	8.70E-09	0.16	0.00	2.17E-04	Potential Resident
599600_4133260	599600	4133260	2.12E-04	2.88E-09	6.97E-08	7.68E-08	8.52E-09	0.16	0.00	2.12E-04	Potential Resident
599620_4133260	599620	4133260	2.05E-04	2.79E-09	6.75E-08	7.44E-08	8.26E-09	0.15	0.00	2.05E-04	Potential Resident
599640_4133260	599640	4133260	1.99E-04	2.69E-09	6.52E-08	7.19E-08	7.98E-09	0.15	0.00	1.99E-04	Potential Resident
599120_4133280	599120	4133280	1.76E-05	2.38E-10	5.78E-09	6.37E-09	7.07E-10	0.01	0.00	1.76E-05	Potential Resident
599140_4133280	599140	4133280	1.79E-05	2.43E-10	5.89E-09	6.49E-09	7.20E-10	0.01	0.00	1.79E-05	Potential Resident
599160_4133280	599160	4133280	1.85E-05	2.51E-10	6.07E-09	6.69E-09	7.43E-10	0.01	0.00	1.85E-05	Potential Resident
599180_4133280	599180	4133280	1.92E-05	2.60E-10	6.31E-09	6.95E-09	7.72E-10	0.01	0.00	1.92E-05	Potential Resident
599200_4133280	599200	4133280	1.98E-05	2.69E-10	6.51E-09	7.18E-09	7.97E-10	0.01	0.00	1.98E-05	Potential Resident
599220_4133280	599220	4133280	2.11E-05	2.86E-10	6.93E-09	7.63E-09	8.47E-10	0.02	0.00	2.11E-05	Potential Resident
599240_4133280	599240	4133280	2.23E-05	3.02E-10	7.32E-09	8.07E-09	8.96E-10	0.02	0.00	2.23E-05	Potential Resident
599260_4133280	599260	4133280	2.32E-05	3.14E-10	7.61E-09	8.39E-09	9.31E-10	0.02	0.00	2.32E-05	Potential Resident
599280_4133280	599280	4133280	2.44E-05	3.31E-10	8.01E-09	8.82E-09	9.80E-10	0.02	0.00	2.44E-05	Potential Resident
599300_4133280	599300	4133280	2.60E-05	3.53E-10	8.56E-09	9.43E-09	1.05E-09	0.02	0.00	2.60E-05	Potential Resident
599320_4133280	599320	4133280	2.81E-05	3.81E-10	9.22E-09	1.02E-08	1.13E-09	0.02	0.00	2.81E-05	Potential Resident
599340_4133280	599340	4133280	3.08E-05	4.18E-10	1.01E-08	1.12E-08	1.24E-09	0.02	0.00	3.08E-05	Potential Resident
599360_4133280	599360	4133280	3.30E-05	4.48E-10	1.09E-08	1.20E-08	1.33E-09	0.02	0.00	3.30E-05	Potential Resident
599380_4133280	599380	4133280	3.64E-05	4.94E-10	1.20E-08	1.32E-08	1.46E-09	0.03	0.00	3.64E-05	Potential Resident
599400_4133280	599400	4133280	4.09E-05	5.55E-10	1.35E-08	1.48E-08	1.65E-09	0.03	0.00	4.09E-05	Potential Resident
599420_4133280	599420	4133280	5.06E-05	6.86E-10	1.66E-08	1.83E-08	2.03E-09	0.04	0.00	5.06E-05	Potential Resident
599440_4133280	599440	4133280	6.62E-05	8.98E-10	2.18E-08	2.40E-08	2.66E-09	0.05	0.00	6.62E-05	Potential Resident
599460_4133280	599460	4133280	1.00E-04	1.36E-09	3.30E-08	3.64E-08	4.04E-09	0.07	0.00	1.00E-04	Potential Resident
599480_4133280	599480	4133280	1.44E-04	1.95E-09	4.73E-08	5.21E-08	5.79E-09	0.11	0.00	1.44E-04	Potential Resident
599500_4133280	599500	4133280	1.87E-04	2.53E-09	6.13E-08	6.76E-08	7.51E-09	0.14	0.00	1.87E-04	Potential Resident
599520_4133280	599520	4133280	2.19E-04	2.98E-09	7.21E-08	7.94E-08	8.82E-09	0.16	0.00	2.19E-04	Potential Resident
599540_4133280	599540	4133280	2.33E-04	3.16E-09	7.65E-08	8.43E-08	9.36E-09	0.17	0.00	2.33E-04	Potential Resident
599560_4133280	599560	4133280	2.33E-04	3.16E-09	7.65E-08	8.43E-08	9.36E-09	0.17	0.00	2.33E-04	Potential Resident
599580_4133280	599580	4133280	2.32E-04	3.14E-09	7.61E-08	8.39E-08	9.32E-09	0.17	0.00	2.32E-04	Potential Resident
599600_4133280	599600	4133280	2.30E-04	3.12E-09	7.55E-08	8.32E-08	9.24E-09	0.17	0.00	2.30E-04	Potential Resident
599620_4133280	599620	4133280	2.16E-04	2.93E-09	7.10E-08	7.83E-08	8.69E-09	0.16	0.00	2.16E-04	Potential Resident
599640_4133280	599640	4133280	2.20E-04	2.98E-09	7.23E-08	7.96E-08	8.84E-09	0.16	0.00	2.20E-04	Potential Resident
599660_4133280	599660	4133280	2.12E-04	2.87E-09	6.96E-08	7.67E-08	8.52E-09	0.16	0.00	2.12E-04	Potential Resident
599100_4133300	599100	4133300	1.90E-05	2.58E-10	6.24E-09	6.88E-09	7.64E-10	0.01	0.00	1.90E-05	Potential Resident
599120_4133300	599120	4133300	1.89E-05	2.57E-10	6.21E-09	6.85E-09	7.60E-10	0.01	0.00	1.89E-05	Potential Resident
599140_4133300	599140	4133300	1.91E-05	2.59E-10	6.28E-09	6.92E-09	7.69E-10	0.01	0.00	1.91E-05	Potential Resident
599160_4133300	599160	4133300	1.99E-05	2.70E-10	6.53E-09	7.20E-09	8.00E-10	0.01	0.00	1.99E-05	Potential Resident
599180_4133300	599180	4133300	2.06E-05	2.79E-10	6.76E-09	7.45E-09	8.27E-10	0.02	0.00	2.06E-05	Potential Resident
599200_4133300	599200	4133300	2.15E-05	2.91E-10	7.05E-09	7.77E-09	8.63E-10	0.02	0.00	2.15E-05	Potential Resident
599220_4133300	599220	4133300	2.25E-05	3.05E-10	7.38E-09	8.13E-09	9.03E-10	0.02	0.00	2.25E-05	Potential Resident
599240_4133300	599240	4133300	2.38E-05	3.23E-10	7.83E-09	8.63E-09	9.59E-10	0.02	0.00	2.38E-05	Potential Resident
599260_4133300	599260	4133300	2.53E-05	3.43E-10	8.31E-09	9.16E-09	1.02E-09	0.02	0.00	2.53E-05	Potential Resident
599280_4133300	599280	4133300	2.69E-05	3.64E-10	8.82E-09	9.72E-09	1.08E-09	0.02	0.00	2.69E-05	Potential Resident
599300_4133300	599300	4133300	2.87E-05	3.89E-10	9.43E-09	1.04E-08	1.15E-09	0.02	0.00	2.87E-05	Potential Resident
599320_4133300	599320	4133300	3.09E-05	4.19E-10	1.01E-08	1.12E-08	1.24E-09	0.02	0.00	3.09E-05	Potential Resident
599340_4133300	599340	4133300	3.41E-05	4.62E-10	1.12E-08	1.23E-08	1.37E-09	0.03	0.00	3.41E-05	Potential Resident
599360_4133300	599360	4133300	3.68E-05	4.99E-10	1.21E-08	1.33E-08	1.48E-09	0.03	0.00	3.68E-05	Potential Resident
599380_4133300	599380	4133300	4.11E-05	5.57E-10	1.35E-08	1.49E-08	1.65E-09	0.03	0.00	4.11E-05	Potential Resident
599400_4133300	599400	4133300	4.65E-05	6.31E-10	1.53E-08	1.68E-08	1.87E-09	0.03	0.00	4.65E-05	Potential Resident
599420_4133300	599420	4133300	5.88E-05	7.97E-10	1.93E-08	2.13E-08	2.36E-09	0.04	0.00	5.88E-05	Potential Resident
599440_4133300	599440	4133300	8.37E-05	1.14E-09	2.75E-08	3.03E-08	3.37E-09	0.06	0.00	8.37E-05	Potential Resident
599460_4133300	599460	4133300	1.31E-04	1.78E-09	4.32E-08	4.76E-08	5.28E-09	0.10	0.00	1.31E-04	Potential Resident

599480_4133300	599480	4133300	1.84E-04	2.50E-09	6.04E-08	6.66E-08	7.40E-09	0.14	0.00	1.84E-04	Potential Resident
599500_4133300	599500	4133300	2.26E-04	3.07E-09	7.44E-08	8.19E-08	9.10E-09	0.17	0.00	2.26E-04	Potential Resident
599520_4133300	599520	4133300	2.54E-04	3.45E-09	8.35E-08	9.20E-08	1.02E-08	0.19	0.00	2.54E-04	Potential Resident
599540_4133300	599540	4133300	2.59E-04	3.52E-09	8.52E-08	9.39E-08	1.04E-08	0.19	0.00	2.59E-04	Potential Resident
599560_4133300	599560	4133300	2.58E-04	3.51E-09	8.49E-08	9.36E-08	1.04E-08	0.19	0.00	2.58E-04	Potential Resident
599580_4133300	599580	4133300	2.50E-04	3.39E-09	8.20E-08	9.04E-08	1.00E-08	0.19	0.00	2.50E-04	Potential Resident
599600_4133300	599600	4133300	2.48E-04	3.36E-09	8.15E-08	8.98E-08	9.97E-09	0.18	0.00	2.48E-04	Potential Resident
599620_4133300	599620	4133300	2.45E-04	3.32E-09	8.05E-08	8.87E-08	9.84E-09	0.18	0.00	2.45E-04	Potential Resident
599640_4133300	599640	4133300	2.36E-04	3.20E-09	7.76E-08	8.55E-08	9.49E-09	0.18	0.00	2.36E-04	Potential Resident
599660_4133300	599660	4133300	2.37E-04	3.21E-09	7.78E-08	8.58E-08	9.52E-09	0.18	0.00	2.37E-04	Potential Resident
599680_4133300	599680	4133300	2.21E-04	3.00E-09	7.26E-08	8.00E-08	8.88E-09	0.16	0.00	2.21E-04	Potential Resident
599100_4133320	599100	4133320	2.03E-05	2.75E-10	6.67E-09	7.35E-09	8.16E-10	0.02	0.00	2.03E-05	Potential Resident
599120_4133320	599120	4133320	2.06E-05	2.80E-10	6.78E-09	7.47E-09	8.30E-10	0.02	0.00	2.06E-05	Potential Resident
599140_4133320	599140	4133320	2.11E-05	2.87E-10	6.94E-09	7.65E-09	8.50E-10	0.02	0.00	2.11E-05	Potential Resident
599160_4133320	599160	4133320	2.16E-05	2.93E-10	7.09E-09	7.82E-09	8.68E-10	0.02	0.00	2.16E-05	Potential Resident
599180_4133320	599180	4133320	2.22E-05	3.01E-10	7.28E-09	8.02E-09	8.91E-10	0.02	0.00	2.22E-05	Potential Resident
599200_4133320	599200	4133320	2.31E-05	3.14E-10	7.60E-09	8.37E-09	9.30E-10	0.02	0.00	2.31E-05	Potential Resident
599220_4133320	599220	4133320	2.44E-05	3.31E-10	8.02E-09	8.84E-09	9.82E-10	0.02	0.00	2.44E-05	Potential Resident
599240_4133320	599240	4133320	2.59E-05	3.51E-10	8.51E-09	9.37E-09	1.04E-09	0.02	0.00	2.59E-05	Potential Resident
599260_4133320	599260	4133320	2.76E-05	3.75E-10	9.08E-09	1.00E-08	1.11E-09	0.02	0.00	2.76E-05	Potential Resident
599280_4133320	599280	4133320	2.98E-05	4.04E-10	9.79E-09	1.08E-08	1.20E-09	0.02	0.00	2.98E-05	Potential Resident
599300_4133320	599300	4133320	3.21E-05	4.35E-10	1.05E-08	1.16E-08	1.29E-09	0.02	0.00	3.21E-05	Potential Resident
599340_4133320	599340	4133320	3.84E-05	5.20E-10	1.26E-08	1.39E-08	1.54E-09	0.03	0.00	3.84E-05	Potential Resident
599360_4133320	599360	4133320	4.20E-05	5.70E-10	1.38E-08	1.52E-08	1.69E-09	0.03	0.00	4.20E-05	Potential Resident
599380_4133320	599380	4133320	4.70E-05	6.38E-10	1.54E-08	1.70E-08	1.89E-09	0.04	0.00	4.70E-05	Potential Resident
599400_4133320	599400	4133320	5.46E-05	7.40E-10	1.79E-08	1.98E-08	2.19E-09	0.04	0.00	5.46E-05	Potential Resident
599420_4133320	599420	4133320	7.10E-05	9.62E-10	2.33E-08	2.57E-08	2.85E-09	0.05	0.00	7.10E-05	Potential Resident
599440_4133320	599440	4133320	1.11E-04	1.50E-09	3.64E-08	4.01E-08	4.45E-09	0.08	0.00	1.11E-04	Potential Resident
599460_4133320	599460	4133320	1.74E-04	2.35E-09	5.70E-08	6.28E-08	6.98E-09	0.13	0.00	1.74E-04	Potential Resident
599480_4133320	599480	4133320	2.35E-04	3.19E-09	7.72E-08	8.50E-08	9.44E-09	0.17	0.00	2.35E-04	Potential Resident
599500_4133320	599500	4133320	2.77E-04	3.75E-09	9.09E-08	1.00E-07	1.11E-08	0.21	0.00	2.77E-04	Potential Resident
599520_4133320	599520	4133320	2.85E-04	3.87E-09	9.37E-08	1.03E-07	1.15E-08	0.21	0.00	2.85E-04	Potential Resident
599540_4133320	599540	4133320	2.91E-04	3.94E-09	9.54E-08	1.05E-07	1.17E-08	0.22	0.00	2.91E-04	Potential Resident
599560_4133320	599560	4133320	2.84E-04	3.85E-09	9.33E-08	1.03E-07	1.14E-08	0.21	0.00	2.84E-04	Potential Resident
599580_4133320	599580	4133320	2.84E-04	3.86E-09	9.34E-08	1.03E-07	1.14E-08	0.21	0.00	2.84E-04	Potential Resident
599600_4133320	599600	4133320	2.76E-04	3.74E-09	9.07E-08	9.99E-08	1.11E-08	0.21	0.00	2.76E-04	Potential Resident
599620_4133320	599620	4133320	2.66E-04	3.60E-09	8.73E-08	9.62E-08	1.07E-08	0.20	0.00	2.66E-04	Potential Resident
599640_4133320	599640	4133320	2.60E-04	3.53E-09	8.55E-08	9.42E-08	1.05E-08	0.19	0.00	2.60E-04	Potential Resident
599660_4133320	599660	4133320	2.60E-04	3.53E-09	8.54E-08	9.41E-08	1.05E-08	0.19	0.00	2.60E-04	Potential Resident
599680_4133320	599680	4133320	2.43E-04	3.30E-09	7.98E-08	8.80E-08	9.77E-09	0.18	0.00	2.43E-04	Potential Resident
599080_4133340	599080	4133340	2.19E-05	2.97E-10	7.19E-09	7.93E-09	8.80E-10	0.02	0.00	2.19E-05	Potential Resident
599100_4133340	599100	4133340	2.27E-05	3.08E-10	7.47E-09	8.23E-09	9.14E-10	0.02	0.00	2.27E-05	Potential Resident
599120_4133340	599120	4133340	2.33E-05	3.16E-10	7.66E-09	8.44E-09	9.38E-10	0.02	0.00	2.33E-05	Potential Resident
599140_4133340	599140	4133340	2.31E-05	3.14E-10	7.60E-09	8.37E-09	9.30E-10	0.02	0.00	2.31E-05	Potential Resident
599160_4133340	599160	4133340	2.35E-05	3.19E-10	7.73E-09	8.52E-09	9.46E-10	0.02	0.00	2.35E-05	Potential Resident
599180_4133340	599180	4133340	2.47E-05	3.35E-10	8.12E-09	8.95E-09	9.93E-10	0.02	0.00	2.47E-05	Potential Resident
599200_4133340	599200	4133340	2.57E-05	3.49E-10	8.45E-09	9.31E-09	1.03E-09	0.02	0.00	2.57E-05	Potential Resident
599220_4133340	599220	4133340	2.70E-05	3.67E-10	8.88E-09	9.78E-09	1.09E-09	0.02	0.00	2.70E-05	Potential Resident
599240_4133340	599240	4133340	2.87E-05	3.89E-10	9.42E-09	1.04E-08	1.15E-09	0.02	0.00	2.87E-05	Potential Resident
599260_4133340	599260	4133340	3.08E-05	4.18E-10	1.01E-08	1.12E-08	1.24E-09	0.02	0.00	3.08E-05	Potential Resident
599280_4133340	599280	4133340	3.34E-05	4.53E-10	1.10E-08	1.21E-08	1.34E-09	0.02	0.00	3.34E-05	Potential Resident
599360_4133340	599360	4133340	4.84E-05	6.57E-10	1.59E-08	1.75E-08	1.95E-09	0.04	0.00	4.84E-05	Potential Resident
599420_4133340	599420	4133340	9.16E-05	1.24E-09	3.01E-08	3.32E-08	3.68E-09	0.07	0.00	9.16E-05	Potential Resident
599440_4133340	599440	4133340	1.57E-04	2.13E-09	5.16E-08	5.69E-08	6.31E-09	0.12	0.00	1.57E-04	Potential Resident
599460_4133340	599460	4133340	2.34E-04	3.18E-09	7.70E-08	8.48E-08	9.42E-09	0.17	0.00	2.34E-04	Potential Resident
599480_4133340	599480	4133340	2.98E-04	4.04E-09	9.78E-08	1.08E-07	1.20E-08	0.22	0.00	2.98E-04	Potential Resident
599500_4133340	599500	4133340	3.25E-04	4.41E-09	1.07E-07	1.18E-07	1.31E-08	0.24	0.00	3.25E-04	Potential Resident
599520_4133340	599520	4133340	3.39E-04	4.60E-09	1.11E-07	1.23E-07	1.36E-08	0.25	0.00	3.39E-04	Potential Resident
599540_4133340	599540	4133340	3.31E-04	4.49E-09	1.09E-07	1.20E-07	1.33E-08	0.25	0.00	3.31E-04	Potential Resident
599560_4133340	599560	4133340	3.39E-04	4.60E-09	1.11E-07	1.23E-07	1.36E-08	0.25	0.00	3.39E-04	Potential Resident
599580_4133340	599580	4133340	3.21E-04	4.35E-09	1.05E-07	1.16E-07	1.29E-08	0.24	0.00	3.21E-04	Potential Resident
599600_4133340	599600	4133340	3.12E-04	4.23E-09	1.03E-07	1.13E-07	1.26E-08	0.23	0.00	3.12E-04	Potential Resident
599620_4133340	599620	4133340	3.09E-04	4.19E-09	1.02E-07	1.12E-07	1.24E-08	0.23	0.00	3.09E-04	Potential Resident
599640_4133340	599640	4133340	2.89E-04	3.92E-09	9.50E-08	1.05E-07	1.16E-08	0.22	0.00	2.89E-04	Potential Resident
599660_4133340	599660	4133340	2.70E-04	3.66E-09	8.86E-08	9.76E-08	1.08E-08	0.20	0.00	2.70E-04	Potential Resident
599680_4133340	599680	4133340	2.46E-04	3.33E-09	8.07E-08	8.90E-08	9.88E-09	0.18	0.00	2.46E-04	Potential Resident
599080_4133360	599080	4133360	2.44E-05	3.31E-10	8.01E-09	8.83E-09	9.80E-10	0.02	0.00	2.44E-05	Potential Resident
599100_4133360	599100	4133360	2.51E-05	3.41E-10	8.25E-09	9.09E-09	1.01E-09	0.02	0.00	2.51E-05	Potential Resident
599120_4133360	599120	4133360	2.56E-05	3.48E-10	8.42E-09	9.28E-09	1.03E-09	0.02	0.00	2.56E-05	Potential Resident
599140_4133360	599140	4133360	2.63E-05	3.56E-10	8.63E-09	9.51E-09	1.06E-09	0.02	0.00	2.63E-05	Potential Resident
599160_4133360	599160	4133360	2.70E-05	3.66E-10	8.87E-09	9.78E-09	1.09E-09	0.02	0.00	2.70E-05	Potential Resident
599180_4133360	599180	4133360	2.82E-05	3.83E-10	9.27E-09	1.02E-08	1.13E-09	0.02	0.00	2.82E-05	Potential Resident
599200_4133360	599200	4133360	2.91E-05	3.95E-10	9.58E-09	1.06E-08	1.17E-09	0.02	0.00	2.91E-05	Potential Resident
599220_4133360	599220	4133360	3.05E-05	4.14E-10	1.00E-08	1.10E-08	1.23E-09	0.02	0.00	3.05E-05	Potential Resident
599240_4133360	599240	4133360	3.27E-05	4.44E-10	1.07E-08	1.18E-08	1.31E-09	0.02	0.00	3.27E-05	Potential Resident
599420_4133360	599420	4133360	1.26E-04	1.71E-09	4.15E-08	4.57E-08	5.08E-09	0.09	0.00	1.26E-04	Potential Resident
599440_4133360	599440	4133360	2.22E-04	3.00E-09	7.28E-08	8.02E-08	8.90E-09	0.16	0.00	2.22E-04	Potential Resident
599460_4133360	599460	4133360	3.14E-04	4.26E-09	1.03E-07	1.14E-07	1.26E-08	0.23	0.00	3.14E-04	Potential Resident
599480_4133360	599480	4133360	3.71E-04	5.03E-09	1.22E-07	1.34E-07	1.49E-08	0.28	0.00	3.71E-04	Potential Resident
599500_4133360	599500	4133360	3.99E-04	5.42E-09	1.31E-07	1.45E-07	1.61E-08	0.30	0.00	3.99E-04	Potential Resident
599520_4133360	599520	4133360	4.09E-04	5.55E-09	1.34E-07	1.48E-07	1.65E-08	0.30	0.00	4.09E-04	Potential Resident
599540_4133360	599540	4133360	4.01E-04	5.44E-09	1.32E-07	1.45E-07	1.61E-08	0.30	0.00	4.01E-04	Potential Resident
599560_4133360	599560	4133360	3.84E-04	5.21E-09	1.26E-07	1.39E-07	1.54E-08	0.29	0.00	3.84E-04	Potential Resident
599580_4133360	599580	4133360	3.77E-04	5.12E-09	1.24E-07	1.37E-07	1.52E-08	0.28	0.00	3.77E-04	Potential Resident
599600_4133360	599600	4133360	3.61E-04	4.90E-09	1.19E-07	1.31E-07	1.45E-08	0.27	0.00	3.61E-04	Potential Resident
599620_4133360	599620	4133360	3.25E-04	4.41E-09	1.07E-07	1.18E-07	1.31E-08	0.24	0.00	3.25E-04	Potential Resident
599640_4133360	599640	4133360	2.91E-04	3.94E-09	9.55E-08	1.05E-07	1.17E-08	0.22	0.00	2.91E-04	Potential Resident
599660_4133360	599660	4133360	2.59E-04	3.52E-09	8.52E-08	9.39E-08	1.04E-08	0.19	0.00	2.59E-04	Potential Resident
599680_4133360	599680	4133360	2.31E-04	3.13E-09	7.58E-08	8.36E-08	9.28E-09	0.17	0.00	2.31E-04	Potential Resident
599700_4133360	599700	4133360	2.01E-04	2.72E-09	6.59E-08	7.26E-08	8.07E-09	0.15	0.00	2.01E-04	Potential Resident
599080_4133380	599080	4133380	2.77E-05	3.76E-10	9.10E-09	1.00E-08	1.11E-09	0.02	0.00	2.77E-05	Potential Resident
599100_4133380	599100	4133380	2.81E-05	3.81E-10	9.24E-09	1.02E-08	1.13E-09	0.02	0.00	2.81E-05	Potential Resident
599120_4133380	599120	4133380	2.88E-05	3.91E-10	9.47E-09	1.04E-08	1.16E-09	0.02	0.00	2.88E-05	Potential Resident
599140_4133380	599140	4133380	2.96E-05	4.02E-10	9.73E-09	1.07E-08	1.19E-09	0.02	0.00	2.96E-05	Potential Resident
599160_4133380	599160	4133380	3.10E-05	4.20E-10	1.02E-08	1.12E-08	1.25E-09	0.02	0.00	3.10E-05	Potential Resident
599180_4133380	599180	4133380	3.21E-05	4.35E-10	1.05E-08	1.16E-08	1.29E-09	0.02	0.00	3.21E-05	Potential Resident
599200_4133380	599200	4133380	3.32E-05	4.50E-10	1.09E-08	1.20E-08	1.33E-09	0.02	0.00	3.32E-05	Potential Resident
599220_4133380	599220	4133380	3.49E-05	4.73E-10	1.15E-08	1.26E-08	1.40E-09	0.03	0.00	3.49E-05	Potential Resident
599440_4133380	599440	4133380	3.24E-04	4.40E-09	1.07E-07	1.17E-07	1.30E-08	0.24	0.00	3.24E-04	Potential Resident
599460_4133380	599460	4133380	4.25E-04	5.76E-09	1.39E-07	1.54E-07	1.71E-08	0.32	0.00	4.25E-04	Potential Resident
599480_4133380	599480	4133380	4.79E-04	6.49E-09	1.57E-07	1.73E-07	1.92E-08	0.36	0.00	4.79E-04	Potential Resident
599500_4133380	599500	4133380	5.02E-04	6.81E-09	1.65E-07	1.82E-07	2.02E-08	0.37	0.00	5.02E-04	Potential Resident
599520_4133380	599520	4133380	4.94E-04	6.70E-09	1.62E-07	1.79E-07	1.99E-08	0.37	0.00	4.94E-04	Potential Resident
599540_4133380	599540	4133380	4.99E-04	6.77E-09	1.64E-07	1.81E-07	2.01E-08	0.37	0.00	4.99E-04	Potential Resident
599560_4133380	599560	4133380	4.52E-04	6.13E-09	1.49E-07	1.64E-07	1.82E-08	0.34	0.00	4.52E-04	Potential Resident
599580_4133380	599580	4133380	4.13E-04	5.60E-09	1.36E-07	1.50E-07	1.66E-08	0.31	0.00	4.13E-04	Potential Resident
599600_4133380	599600	4133380	3.62E-04	4.90E-09	1.19E-07	1.31E-07	1.45E-08	0.27	0.00	3.62E-04	Potential Resident
599620_4133380	599620	4133380	3.15E-04	4.28E-09	1.04E-07	1.14E-07	1.27E-08	0.23	0.00	3.15E-04	Potential Resident
599640_4133380	599640	4133380	2.74E-04	3.72E-09	9.00E-08	9.92E-08	1.10E-08	0.20	0.00	2.74E-04	Potential Resident
599660_4133380	599660	4133380	2.36E-04	3.20E-09	7.74E-08	8.53E-08	9.48E-09	0.18	0.00	2.36E-04	Potential Resident
599680_4133380	599680	4133380	2.01E-04	2.72E-09	6.59E-08	7.27E-08	8.07E-09	0.15	0.00	2.01E-04	Potential Resident
599700_4133380	599700	4133380	1.70E-04	2.30E-09	5.57E-08	6.14E-08	6.81E-09	0.13	0.00	1.70E-04	Potential Resident
599060_4133400	599060	4133400	3.01E-05	4.08E-10	9.87E-09	1.09E-08	1.21E-09	0.02	0.00	3.01E-05	Potential Resident
599080_4133400	599080	4133400	3.10E-05	4.21E-10	1.02E-08	1.12E-08	1.25E-09	0.02	0.00	3.10E-05	Potential Resident
599100_4133400	599100	4133400	3.18E-05	4.31E-10	1.04E-08	1.15E-08	1.28E-09	0.02	0.00	3.18E-05	Potential Resident
599120_4133400	599120	4133400	3.24E-05	4.39E-10	1.06E-08	1.17E-08	1.30E-09	0.02	0.00	3.24E-05	Potential Resident

599140_4133400	599140	4133400	3.38E-05	4.58E-10	1.11E-08	1.22E-08	1.36E-09	0.03	0.00	3.38E-05	Potential Resident
599160_4133400	599160	4133400	3.50E-05	4.74E-10	1.15E-08	1.27E-08	1.41E-09	0.03	0.00	3.50E-05	Potential Resident
599180_4133400	599180	4133400	3.66E-05	4.96E-10	1.20E-08	1.33E-08	1.47E-09	0.03	0.00	3.66E-05	Potential Resident
599200_4133400	599200	4133400	3.84E-05	5.21E-10	1.26E-08	1.39E-08	1.55E-09	0.03	0.00	3.84E-05	Potential Resident
599220_4133400	599220	4133400	4.07E-05	5.53E-10	1.34E-08	1.47E-08	1.64E-09	0.03	0.00	4.07E-05	Potential Resident
599480_4133400	599480	4133400	6.66E-04	9.04E-09	2.19E-07	2.41E-07	2.68E-08	0.50	0.00	6.66E-04	Potential Resident
599500_4133400	599500	4133400	6.72E-04	9.11E-09	2.21E-07	2.43E-07	2.70E-08	0.50	0.00	6.72E-04	Potential Resident
599520_4133400	599520	4133400	6.19E-04	8.39E-09	2.03E-07	2.24E-07	2.49E-08	0.46	0.00	6.19E-04	Potential Resident
599540_4133400	599540	4133400	5.44E-04	7.37E-09	1.79E-07	1.97E-07	2.18E-08	0.40	0.00	5.44E-04	Potential Resident
599560_4133400	599560	4133400	4.75E-04	6.45E-09	1.56E-07	1.72E-07	1.91E-08	0.35	0.00	4.75E-04	Potential Resident
599580_4133400	599580	4133400	3.97E-04	5.39E-09	1.31E-07	1.44E-07	1.60E-08	0.30	0.00	3.97E-04	Potential Resident
599600_4133400	599600	4133400	3.35E-04	4.54E-09	1.10E-07	1.21E-07	1.35E-08	0.25	0.00	3.35E-04	Potential Resident
599620_4133400	599620	4133400	2.84E-04	3.85E-09	9.31E-08	1.03E-07	1.14E-08	0.21	0.00	2.84E-04	Potential Resident
599640_4133400	599640	4133400	2.29E-04	3.10E-09	7.51E-08	8.27E-08	9.19E-09	0.17	0.00	2.29E-04	Potential Resident
599660_4133400	599660	4133400	1.89E-04	2.57E-09	6.21E-08	6.85E-08	7.60E-09	0.14	0.00	1.89E-04	Potential Resident
599680_4133400	599680	4133400	1.56E-04	2.12E-09	5.14E-08	5.66E-08	6.29E-09	0.12	0.00	1.56E-04	Potential Resident
599700_4133400	599700	4133400	1.35E-04	1.84E-09	4.45E-08	4.91E-08	5.45E-09	0.10	0.00	1.35E-04	Potential Resident
599060_4133420	599060	4133420	3.19E-05	4.33E-10	1.05E-08	1.16E-08	1.28E-09	0.02	0.00	3.19E-05	Potential Resident
599080_4133420	599080	4133420	3.30E-05	4.47E-10	1.08E-08	1.19E-08	1.33E-09	0.02	0.00	3.30E-05	Potential Resident
599100_4133420	599100	4133420	3.46E-05	4.69E-10	1.14E-08	1.25E-08	1.39E-09	0.03	0.00	3.46E-05	Potential Resident
599120_4133420	599120	4133420	3.61E-05	4.89E-10	1.19E-08	1.31E-08	1.45E-09	0.03	0.00	3.61E-05	Potential Resident
599140_4133420	599140	4133420	3.81E-05	5.17E-10	1.25E-08	1.38E-08	1.53E-09	0.03	0.00	3.81E-05	Potential Resident
599160_4133420	599160	4133420	3.93E-05	5.32E-10	1.29E-08	1.42E-08	1.58E-09	0.03	0.00	3.93E-05	Potential Resident
599180_4133420	599180	4133420	4.15E-05	5.63E-10	1.36E-08	1.50E-08	1.67E-09	0.03	0.00	4.15E-05	Potential Resident
599200_4133420	599200	4133420	4.44E-05	6.02E-10	1.46E-08	1.61E-08	1.78E-09	0.03	0.00	4.44E-05	Potential Resident
599220_4133420	599220	4133420	4.81E-05	6.53E-10	1.58E-08	1.74E-08	1.94E-09	0.04	0.00	4.81E-05	Potential Resident
599240_4133420	599240	4133420	5.22E-05	7.08E-10	1.72E-08	1.89E-08	2.10E-09	0.04	0.00	5.22E-05	Potential Resident
599500_4133420	599500	4133420	7.81E-04	1.06E-08	2.56E-07	2.83E-07	3.14E-08	0.58	0.00	7.81E-04	Non Residential
599520_4133420	599520	4133420	6.47E-04	8.78E-09	2.13E-07	2.34E-07	2.60E-08	0.48	0.00	6.47E-04	Potential Resident
599540_4133420	599540	4133420	5.33E-04	7.23E-09	1.75E-07	1.93E-07	2.14E-08	0.40	0.00	5.33E-04	Potential Resident
599560_4133420	599560	4133420	4.31E-04	5.85E-09	1.42E-07	1.56E-07	1.73E-08	0.32	0.00	4.31E-04	Potential Resident
599580_4133420	599580	4133420	3.50E-04	4.74E-09	1.15E-07	1.27E-07	1.41E-08	0.26	0.00	3.50E-04	Potential Resident
599600_4133420	599600	4133420	2.80E-04	3.79E-09	9.18E-08	1.01E-07	1.12E-08	0.21	0.00	2.80E-04	Potential Resident
599620_4133420	599620	4133420	2.19E-04	2.97E-09	7.20E-08	7.93E-08	8.81E-09	0.16	0.00	2.19E-04	Potential Resident
599640_4133420	599640	4133420	1.77E-04	2.40E-09	5.82E-08	6.41E-08	7.12E-09	0.13	0.00	1.77E-04	Potential Resident
599660_4133420	599660	4133420	1.44E-04	1.95E-09	4.72E-08	5.20E-08	5.78E-09	0.11	0.00	1.44E-04	Potential Resident
599680_4133420	599680	4133420	1.25E-04	1.70E-09	4.12E-08	4.53E-08	5.04E-09	0.09	0.00	1.25E-04	Potential Resident
599700_4133420	599700	4133420	1.10E-04	1.49E-09	3.62E-08	3.99E-08	4.43E-09	0.08	0.00	1.10E-04	Potential Resident
599060_4133440	599060	4133440	3.48E-05	4.72E-10	1.14E-08	1.26E-08	1.40E-09	0.03	0.00	3.48E-05	Potential Resident
599080_4133440	599080	4133440	3.63E-05	4.92E-10	1.19E-08	1.31E-08	1.46E-09	0.03	0.00	3.63E-05	Potential Resident
599100_4133440	599100	4133440	3.80E-05	5.16E-10	1.25E-08	1.38E-08	1.53E-09	0.03	0.00	3.80E-05	Potential Resident
599120_4133440	599120	4133440	4.00E-05	5.42E-10	1.31E-08	1.45E-08	1.61E-09	0.03	0.00	4.00E-05	Potential Resident
599140_4133440	599140	4133440	4.21E-05	5.71E-10	1.38E-08	1.52E-08	1.69E-09	0.03	0.00	4.21E-05	Potential Resident
599160_4133440	599160	4133440	4.45E-05	6.04E-10	1.46E-08	1.61E-08	1.79E-09	0.03	0.00	4.45E-05	Potential Resident
599180_4133440	599180	4133440	4.78E-05	6.48E-10	1.57E-08	1.73E-08	1.92E-09	0.04	0.00	4.78E-05	Potential Resident
599200_4133440	599200	4133440	5.12E-05	6.95E-10	1.68E-08	1.85E-08	2.06E-09	0.04	0.00	5.12E-05	Potential Resident
599220_4133440	599220	4133440	5.58E-05	7.57E-10	1.83E-08	2.02E-08	2.24E-09	0.04	0.00	5.58E-05	Potential Resident
599240_4133440	599240	4133440	6.21E-05	8.43E-10	2.04E-08	2.25E-08	2.50E-09	0.05	0.00	6.21E-05	Potential Resident
599260_4133440	599260	4133440	6.96E-05	9.43E-10	2.28E-08	2.52E-08	2.80E-09	0.05	0.00	6.96E-05	Potential Resident
599280_4133440	599280	4133440	7.84E-05	1.06E-09	2.58E-08	2.84E-08	3.15E-09	0.06	0.00	7.84E-05	Potential Resident
599480_4133440	599480	4133440	1.48E-03	2.00E-08	4.85E-07	5.35E-07	5.94E-08	1.10	0.00	1.48E-03	Non Residential
599500_4133440	599500	4133440	8.59E-04	1.17E-08	2.82E-07	3.11E-07	3.45E-08	0.64	0.00	8.59E-04	Non Residential
599520_4133440	599520	4133440	5.88E-04	7.98E-09	1.93E-07	2.13E-07	2.37E-08	0.44	0.00	5.88E-04	Non Residential
599540_4133440	599540	4133440	4.47E-04	6.06E-09	1.47E-07	1.62E-07	1.80E-08	0.33	0.00	4.47E-04	Non Residential
599560_4133440	599560	4133440	3.47E-04	4.71E-09	1.14E-07	1.26E-07	1.39E-08	0.26	0.00	3.47E-04	Potential Resident
599580_4133440	599580	4133440	2.68E-04	3.64E-09	8.82E-08	9.72E-08	1.08E-08	0.20	0.00	2.68E-04	Potential Resident
599600_4133440	599600	4133440	2.04E-04	2.77E-09	6.71E-08	7.40E-08	8.21E-09	0.15	0.00	2.04E-04	Potential Resident
599620_4133440	599620	4133440	1.64E-04	2.22E-09	5.39E-08	5.94E-08	6.59E-09	0.12	0.00	1.64E-04	Potential Resident
599640_4133440	599640	4133440	1.33E-04	1.81E-09	4.37E-08	4.82E-08	5.35E-09	0.10	0.00	1.33E-04	Potential Resident
599660_4133440	599660	4133440	1.16E-04	1.57E-09	3.81E-08	4.20E-08	4.66E-09	0.09	0.00	1.16E-04	Potential Resident
599680_4133440	599680	4133440	9.78E-05	1.33E-09	3.21E-08	3.54E-08	3.93E-09	0.07	0.00	9.78E-05	Potential Resident
599700_4133440	599700	4133440	8.80E-05	1.19E-09	2.89E-08	3.18E-08	3.54E-09	0.07	0.00	8.80E-05	Potential Resident
599060_4133460	599060	4133460	3.80E-05	5.15E-10	1.25E-08	1.37E-08	1.53E-09	0.03	0.00	3.80E-05	Potential Resident
599080_4133460	599080	4133460	3.97E-05	5.38E-10	1.30E-08	1.44E-08	1.59E-09	0.03	0.00	3.97E-05	Potential Resident
599100_4133460	599100	4133460	4.11E-05	5.58E-10	1.35E-08	1.49E-08	1.65E-09	0.03	0.00	4.11E-05	Potential Resident
599120_4133460	599120	4133460	4.31E-05	5.84E-10	1.42E-08	1.56E-08	1.73E-09	0.03	0.00	4.31E-05	Potential Resident
599140_4133460	599140	4133460	4.56E-05	6.19E-10	1.50E-08	1.65E-08	1.83E-09	0.03	0.00	4.56E-05	Potential Resident
599160_4133460	599160	4133460	4.99E-05	6.77E-10	1.64E-08	1.81E-08	2.01E-09	0.04	0.00	4.99E-05	Potential Resident
599180_4133460	599180	4133460	5.35E-05	7.25E-10	1.76E-08	1.94E-08	2.15E-09	0.04	0.00	5.35E-05	Potential Resident
599200_4133460	599200	4133460	5.89E-05	7.99E-10	1.94E-08	2.13E-08	2.37E-09	0.04	0.00	5.89E-05	Potential Resident
599220_4133460	599220	4133460	6.53E-05	8.85E-10	2.14E-08	2.36E-08	2.62E-09	0.05	0.00	6.53E-05	Potential Resident
599240_4133460	599240	4133460	7.37E-05	1.00E-09	2.42E-08	2.67E-08	2.96E-09	0.05	0.00	7.37E-05	Potential Resident
599260_4133460	599260	4133460	8.40E-05	1.14E-09	2.76E-08	3.04E-08	3.38E-09	0.06	0.00	8.40E-05	Potential Resident
599480_4133460	599480	4133460	1.32E-03	1.80E-08	4.35E-07	4.79E-07	5.32E-08	0.99	0.00	1.32E-03	Non Residential
599500_4133460	599500	4133460	8.45E-04	1.15E-08	2.77E-07	3.06E-07	3.39E-08	0.63	0.00	8.45E-04	Non Residential
599520_4133460	599520	4133460	4.55E-04	6.17E-09	1.49E-07	1.65E-07	1.83E-08	0.34	0.00	4.55E-04	Non Residential
599540_4133460	599540	4133460	3.22E-04	4.37E-09	1.06E-07	1.17E-07	1.30E-08	0.24	0.00	3.22E-04	Non Residential
599560_4133460	599560	4133460	2.29E-04	3.11E-09	7.52E-08	8.29E-08	9.20E-09	0.17	0.00	2.29E-04	Non Residential
599580_4133460	599580	4133460	1.80E-04	2.44E-09	5.91E-08	6.51E-08	7.23E-09	0.13	0.00	1.80E-04	Potential Resident
599600_4133460	599600	4133460	1.45E-04	1.96E-09	4.75E-08	5.24E-08	5.81E-09	0.11	0.00	1.45E-04	Potential Resident
599620_4133460	599620	4133460	1.20E-04	1.62E-09	3.93E-08	4.33E-08	4.81E-09	0.09	0.00	1.20E-04	Potential Resident
599640_4133460	599640	4133460	1.05E-04	1.42E-09	3.44E-08	3.79E-08	4.21E-09	0.08	0.00	1.05E-04	Potential Resident
599660_4133460	599660	4133460	9.03E-05	1.22E-09	2.97E-08	3.27E-08	3.63E-09	0.07	0.00	9.03E-05	Potential Resident
599680_4133460	599680	4133460	8.09E-05	1.10E-09	2.66E-08	2.93E-08	3.25E-09	0.06	0.00	8.09E-05	Potential Resident
599700_4133460	599700	4133460	7.37E-05	9.99E-10	2.42E-08	2.67E-08	2.96E-09	0.05	0.00	7.37E-05	Potential Resident
599060_4133480	599060	4133480	4.23E-05	5.74E-10	1.39E-08	1.53E-08	1.70E-09	0.03	0.00	4.23E-05	Potential Resident
599080_4133480	599080	4133480	4.42E-05	6.00E-10	1.45E-08	1.60E-08	1.78E-09	0.03	0.00	4.42E-05	Potential Resident
599100_4133480	599100	4133480	4.69E-05	6.36E-10	1.54E-08	1.70E-08	1.89E-09	0.03	0.00	4.69E-05	Potential Resident
599120_4133480	599120	4133480	4.95E-05	6.71E-10	1.63E-08	1.79E-08	1.99E-09	0.04	0.00	4.95E-05	Potential Resident
599140_4133480	599140	4133480	5.37E-05	7.29E-10	1.77E-08	1.95E-08	2.16E-09	0.04	0.00	5.37E-05	Potential Resident
599160_4133480	599160	4133480	5.85E-05	7.93E-10	1.92E-08	2.12E-08	2.35E-09	0.04	0.00	5.85E-05	Potential Resident
599180_4133480	599180	4133480	6.24E-05	8.46E-10	2.05E-08	2.26E-08	2.51E-09	0.05	0.00	6.24E-05	Potential Resident
599200_4133480	599200	4133480	6.91E-05	9.37E-10	2.27E-08	2.50E-08	2.78E-09	0.05	0.00	6.91E-05	Potential Resident
599220_4133480	599220	4133480	7.95E-05	1.08E-09	2.61E-08	2.88E-08	3.19E-09	0.06	0.00	7.95E-05	Potential Resident
599240_4133480	599240	4133480	9.14E-05	1.24E-09	3.00E-08	3.31E-08	3.67E-09	0.07	0.00	9.14E-05	Potential Resident
599360_4133480	599360	4133480	3.83E-04	5.19E-09	1.26E-07	1.39E-07	1.54E-08	0.28	0.00	3.83E-04	Potential Resident
599380_4133480	599380	4133480	5.64E-04	7.65E-09	1.85E-07	2.04E-07	2.27E-08	0.42	0.00	5.64E-04	Potential Resident
599500_4133480	599500	4133480	4.62E-04	6.27E-09	1.52E-07	1.67E-07	1.86E-08	0.34	0.00	4.62E-04	Non Residential
599520_4133480	599520	4133480	2.84E-04	3.85E-09	9.32E-08	1.03E-07	1.14E-08	0.21	0.00	2.84E-04	Non Residential
599540_4133480	599540	4133480	2.03E-04	2.76E-09	6.68E-08	7.36E-08	8.17E-09	0.15	0.00	2.03E-04	Non Residential
599560_4133480	599560	4133480	1.56E-04	2.12E-09	5.13E-08	5.65E-08	6.27E-09	0.12	0.00	1.56E-04	Non Residential
599580_4133480	599580	4133480	1.28E-04	1.74E-09	4.21E-08	4.64E-08	5.16E-09	0.10	0.00	1.28E-04	Potential Resident
599600_4133480	599600	4133480	1.08E-04	1.47E-09	3.56E-08	3.93E-08	4.36E-09	0.08	0.00	1.08E-04	Potential Resident
599620_4133480	599620	4133480	9.50E-05	1.29E-09	3.12E-08	3.44E-08	3.82E-09	0.07	0.00	9.50E-05	Potential Resident
599640_4133480	599640	4133480	8.53E-05	1.16E-09	2.80E-08	3.09E-08	3.43E-09	0.06	0.00	8.53E-05	Potential Resident
599660_4133480	599660	4133480	7.69E-05	1.04E-09	2.53E-08	2.78E-08	3.09E-09	0.06	0.00	7.69E-05	Potential Resident
599680_4133480	599680	4133480	7.03E-05	9.53E-10	2.31E-08	2.54E-08	2.83E-09	0.05	0.00	7.03E-05	Potential Resident
599700_4133480	599700	4133480	6.67E-05	9.05E-10	2.19E-08	2.41E-08	2.68E-09	0.05	0.00	6.67E-05	Potential Resident
599060_4133500	599060	4133500	4.90E-05	6.65E-10	1.61E-08	1.77E-08	1.97E-09	0.04	0.00	4.90E-05	Potential Resident
599080_4133500	599080	4133500	5.19E-05	7.03E-10	1.70E-08	1.88E-08	2.08E-09	0.04	0.00	5.19E-05	Potential Resident
599100_4133500	599100	4133500	5.53E-05	7.50E-10	1.82E-08	2.00E-08	2.22E-09	0.04	0.00	5.53E-05	Potential Resident
599120_4133500	599120	4133500	5.83E-05	7.90E-10	1.91E-08	2.11E-08	2.34E-09	0.04	0.00	5.83E-05	Potential Resident
599140_4133500	599140	4133500	6.30E-05	8.55E-10	2.07E-08	2.28E-08	2.53E-09	0.05	0.00	6.30E-05	Potential Resident
599160_4133500	599160	4133500	6.91E-05	9.38E-10	2.27E-08	2.50E-08	2.78E-09	0.05	0.00	6.91E-05	Potential Resident
599180_4133500	599180	4133500	7.47E-05	1.01E-09	2.45E-08	2.70E-08	3.00E-09	0.06	0.00	7.47E-05	Potential Resident
599200_4133500	599200	4133500	8.48E-05	1.15E-09	2.78E-08	3.07E-08	3.41E-09	0.06	0.00	8.48E-05	Potential Resident

599220_4133500	599220	4133500	9.59E-05	1.30E-09	3.15E-08	3.47E-08	3.85E-09	0.07	0.00	9.59E-05	Potential Resident
599240_4133500	599240	4133500	1.13E-04	1.53E-09	3.71E-08	4.08E-08	4.53E-09	0.08	0.00	1.13E-04	Potential Resident
599520_4133500	599520	4133500	1.86E-04	2.53E-09	6.12E-08	6.75E-08	7.49E-09	0.14	0.00	1.86E-04	Non Residential
599540_4133500	599540	4133500	1.40E-04	1.90E-09	4.59E-08	5.06E-08	5.62E-09	0.10	0.00	1.40E-04	Non Residential
599560_4133500	599560	4133500	1.20E-04	1.63E-09	3.94E-08	4.34E-08	4.82E-09	0.09	0.00	1.20E-04	Potential Resident
599580_4133500	599580	4133500	1.04E-04	1.41E-09	3.42E-08	3.77E-08	4.19E-09	0.08	0.00	1.04E-04	Potential Resident
599600_4133500	599600	4133500	9.18E-05	1.25E-09	3.02E-08	3.32E-08	3.69E-09	0.07	0.00	9.18E-05	Potential Resident
599620_4133500	599620	4133500	8.18E-05	1.11E-09	2.69E-08	2.96E-08	3.29E-09	0.06	0.00	8.18E-05	Potential Resident
599640_4133500	599640	4133500	7.38E-05	1.00E-09	2.42E-08	2.67E-08	2.97E-09	0.05	0.00	7.38E-05	Potential Resident
599660_4133500	599660	4133500	6.87E-05	9.32E-10	2.26E-08	2.49E-08	2.76E-09	0.05	0.00	6.87E-05	Potential Resident
599680_4133500	599680	4133500	6.28E-05	8.52E-10	2.06E-08	2.27E-08	2.52E-09	0.05	0.00	6.28E-05	Potential Resident
599700_4133500	599700	4133500	5.94E-05	8.06E-10	1.95E-08	2.15E-08	2.39E-09	0.04	0.00	5.94E-05	Potential Resident
599080_4133520	599080	4133520	6.03E-05	8.18E-10	1.98E-08	2.18E-08	2.43E-09	0.04	0.00	6.03E-05	Potential Resident
599100_4133520	599100	4133520	6.31E-05	8.56E-10	2.07E-08	2.29E-08	2.54E-09	0.05	0.00	6.31E-05	Potential Resident
599120_4133520	599120	4133520	6.81E-05	9.23E-10	2.24E-08	2.46E-08	2.74E-09	0.05	0.00	6.81E-05	Potential Resident
599140_4133520	599140	4133520	7.56E-05	1.03E-09	2.48E-08	2.74E-08	3.04E-09	0.06	0.00	7.56E-05	Potential Resident
599160_4133520	599160	4133520	8.25E-05	1.12E-09	2.71E-08	2.99E-08	3.32E-09	0.06	0.00	8.25E-05	Potential Resident
599180_4133520	599180	4133520	9.16E-05	1.24E-09	3.01E-08	3.32E-08	3.68E-09	0.07	0.00	9.16E-05	Potential Resident
599200_4133520	599200	4133520	1.05E-04	1.43E-09	3.46E-08	3.81E-08	4.23E-09	0.08	0.00	1.05E-04	Potential Resident
599220_4133520	599220	4133520	1.24E-04	1.68E-09	4.08E-08	4.49E-08	4.99E-09	0.09	0.00	1.24E-04	Potential Resident
599240_4133520	599240	4133520	1.44E-04	1.96E-09	4.74E-08	5.22E-08	5.80E-09	0.11	0.00	1.44E-04	Potential Resident
599260_4133520	599260	4133520	1.80E-04	2.45E-09	5.93E-08	6.53E-08	7.25E-09	0.13	0.00	1.80E-04	Potential Resident
599540_4133520	599540	4133520	1.17E-04	1.59E-09	3.85E-08	4.25E-08	4.71E-09	0.09	0.00	1.17E-04	Potential Resident
599560_4133520	599560	4133520	1.01E-04	1.37E-09	3.32E-08	3.66E-08	4.07E-09	0.08	0.00	1.01E-04	Potential Resident
599580_4133520	599580	4133520	8.88E-05	1.20E-09	2.92E-08	3.21E-08	3.57E-09	0.07	0.00	8.88E-05	Potential Resident
599600_4133520	599600	4133520	8.03E-05	1.09E-09	2.64E-08	2.91E-08	3.23E-09	0.06	0.00	8.03E-05	Potential Resident
599620_4133520	599620	4133520	7.06E-05	9.58E-10	2.32E-08	2.56E-08	2.84E-09	0.05	0.00	7.06E-05	Potential Resident
599640_4133520	599640	4133520	6.57E-05	8.92E-10	2.16E-08	2.38E-08	2.64E-09	0.05	0.00	6.57E-05	Potential Resident
599660_4133520	599660	4133520	6.06E-05	8.22E-10	1.99E-08	2.19E-08	2.44E-09	0.05	0.00	6.06E-05	Potential Resident
599680_4133520	599680	4133520	5.70E-05	7.74E-10	1.87E-08	2.06E-08	2.29E-09	0.04	0.00	5.70E-05	Potential Resident
599700_4133520	599700	4133520	5.38E-05	7.30E-10	1.77E-08	1.95E-08	2.16E-09	0.04	0.00	5.38E-05	Potential Resident
599080_4133540	599080	4133540	6.93E-05	9.39E-10	2.27E-08	2.51E-08	2.78E-09	0.05	0.00	6.93E-05	Potential Resident
599100_4133540	599100	4133540	7.44E-05	1.01E-09	2.44E-08	2.69E-08	2.99E-09	0.06	0.00	7.44E-05	Potential Resident
599120_4133540	599120	4133540	8.09E-05	1.10E-09	2.66E-08	2.93E-08	3.25E-09	0.06	0.00	8.09E-05	Potential Resident
599140_4133540	599140	4133540	9.07E-05	1.23E-09	2.98E-08	3.28E-08	3.65E-09	0.07	0.00	9.07E-05	Potential Resident
599160_4133540	599160	4133540	1.00E-04	1.36E-09	3.30E-08	3.64E-08	4.04E-09	0.07	0.00	1.00E-04	Potential Resident
599180_4133540	599180	4133540	1.16E-04	1.57E-09	3.80E-08	4.19E-08	4.65E-09	0.09	0.00	1.16E-04	Potential Resident
599200_4133540	599200	4133540	1.30E-04	1.77E-09	4.28E-08	4.71E-08	5.23E-09	0.10	0.00	1.30E-04	Potential Resident
599220_4133540	599220	4133540	1.54E-04	2.09E-09	5.06E-08	5.58E-08	6.19E-09	0.11	0.00	1.54E-04	Potential Resident
599240_4133540	599240	4133540	1.89E-04	2.57E-09	6.22E-08	6.85E-08	7.61E-09	0.14	0.00	1.89E-04	Potential Resident
599260_4133540	599260	4133540	2.40E-04	3.26E-09	7.89E-08	8.70E-08	9.66E-09	0.18	0.00	2.40E-04	Potential Resident
599280_4133540	599280	4133540	2.96E-04	4.01E-09	9.71E-08	1.07E-07	1.19E-08	0.22	0.00	2.96E-04	Potential Resident
599300_4133540	599300	4133540	3.95E-04	5.36E-09	1.30E-07	1.43E-07	1.59E-08	0.29	0.00	3.95E-04	Non Residential
599320_4133540	599320	4133540	5.16E-04	6.99E-09	1.69E-07	1.87E-07	2.07E-08	0.38	0.00	5.16E-04	Non Residential
599340_4133540	599340	4133540	7.34E-04	9.96E-09	2.41E-07	2.66E-07	2.95E-08	0.55	0.00	7.34E-04	Non Residential
599520_4133540	599520	4133540	1.16E-04	1.57E-09	3.81E-08	4.20E-08	4.66E-09	0.09	0.00	1.16E-04	Potential Resident
599540_4133540	599540	4133540	1.03E-04	1.39E-09	3.37E-08	3.72E-08	4.13E-09	0.08	0.00	1.03E-04	Potential Resident
599560_4133540	599560	4133540	8.99E-05	1.22E-09	2.95E-08	3.26E-08	3.61E-09	0.07	0.00	8.99E-05	Potential Resident
599580_4133540	599580	4133540	8.07E-05	1.09E-09	2.65E-08	2.92E-08	3.24E-09	0.06	0.00	8.07E-05	Potential Resident
599600_4133540	599600	4133540	7.18E-05	9.74E-10	2.36E-08	2.60E-08	2.89E-09	0.05	0.00	7.18E-05	Potential Resident
599620_4133540	599620	4133540	6.49E-05	8.81E-10	2.13E-08	2.35E-08	2.61E-09	0.05	0.00	6.49E-05	Potential Resident
599640_4133540	599640	4133540	6.09E-05	8.26E-10	2.00E-08	2.21E-08	2.45E-09	0.05	0.00	6.09E-05	Potential Resident
599660_4133540	599660	4133540	5.61E-05	7.61E-10	1.84E-08	2.03E-08	2.26E-09	0.04	0.00	5.61E-05	Potential Resident
599680_4133540	599680	4133540	5.30E-05	7.19E-10	1.74E-08	1.92E-08	2.13E-09	0.04	0.00	5.30E-05	Potential Resident
599700_4133540	599700	4133540	4.96E-05	6.72E-10	1.63E-08	1.79E-08	1.99E-09	0.04	0.00	4.96E-05	Potential Resident
599080_4133560	599080	4133560	8.04E-05	1.09E-09	2.64E-08	2.91E-08	3.23E-09	0.06	0.00	8.04E-05	Potential Resident
599100_4133560	599100	4133560	8.89E-05	1.21E-09	2.92E-08	3.22E-08	3.57E-09	0.07	0.00	8.89E-05	Potential Resident
599120_4133560	599120	4133560	9.71E-05	1.32E-09	3.19E-08	3.51E-08	3.90E-09	0.07	0.00	9.71E-05	Potential Resident
599140_4133560	599140	4133560	1.07E-04	1.44E-09	3.50E-08	3.86E-08	4.28E-09	0.08	0.00	1.07E-04	Potential Resident
599160_4133560	599160	4133560	1.18E-04	1.60E-09	3.89E-08	4.28E-08	4.75E-09	0.09	0.00	1.18E-04	Potential Resident
599180_4133560	599180	4133560	1.36E-04	1.85E-09	4.48E-08	4.94E-08	5.48E-09	0.10	0.00	1.36E-04	Potential Resident
599200_4133560	599200	4133560	1.63E-04	2.22E-09	5.37E-08	5.91E-08	6.57E-09	0.12	0.00	1.63E-04	Potential Resident
599220_4133560	599220	4133560	1.96E-04	2.66E-09	6.43E-08	7.09E-08	7.87E-09	0.15	0.00	1.96E-04	Potential Resident
599240_4133560	599240	4133560	2.26E-04	3.06E-09	7.42E-08	8.18E-08	9.08E-09	0.17	0.00	2.26E-04	Potential Resident
599260_4133560	599260	4133560	2.78E-04	3.77E-09	9.14E-08	1.01E-07	1.12E-08	0.21	0.00	2.78E-04	Potential Resident
599280_4133560	599280	4133560	3.49E-04	4.73E-09	1.15E-07	1.26E-07	1.40E-08	0.26	0.00	3.49E-04	Non Residential
599300_4133560	599300	4133560	4.29E-04	5.81E-09	1.41E-07	1.55E-07	1.72E-08	0.32	0.00	4.29E-04	Non Residential
599320_4133560	599320	4133560	5.37E-04	7.28E-09	1.76E-07	1.94E-07	2.16E-08	0.40	0.00	5.37E-04	Non Residential
599340_4133560	599340	4133560	5.99E-04	8.12E-09	1.97E-07	2.17E-07	2.41E-08	0.45	0.00	5.99E-04	Non Residential
599360_4133560	599360	4133560	5.61E-04	7.61E-09	1.84E-07	2.03E-07	2.26E-08	0.42	0.00	5.61E-04	Non Residential
599380_4133560	599380	4133560	4.20E-04	5.70E-09	1.38E-07	1.52E-07	1.69E-08	0.31	0.00	4.20E-04	Non Residential
599500_4133560	599500	4133560	1.14E-04	1.55E-09	3.75E-08	4.13E-08	4.59E-09	0.08	0.00	1.14E-04	Potential Resident
599520_4133560	599520	4133560	1.03E-04	1.39E-09	3.37E-08	3.71E-08	4.12E-09	0.08	0.00	1.03E-04	Potential Resident
599540_4133560	599540	4133560	9.13E-05	1.24E-09	3.00E-08	3.31E-08	3.67E-09	0.07	0.00	9.13E-05	Potential Resident
599560_4133560	599560	4133560	8.21E-05	1.11E-09	2.70E-08	2.97E-08	3.30E-09	0.06	0.00	8.21E-05	Potential Resident
599580_4133560	599580	4133560	7.36E-05	9.98E-10	2.42E-08	2.67E-08	2.96E-09	0.05	0.00	7.36E-05	Potential Resident
599600_4133560	599600	4133560	6.67E-05	9.05E-10	2.19E-08	2.42E-08	2.68E-09	0.05	0.00	6.67E-05	Potential Resident
599620_4133560	599620	4133560	6.06E-05	8.21E-10	1.99E-08	2.19E-08	2.43E-09	0.05	0.00	6.06E-05	Potential Resident
599640_4133560	599640	4133560	5.51E-05	7.47E-10	1.81E-08	1.99E-08	2.21E-09	0.04	0.00	5.51E-05	Potential Resident
599660_4133560	599660	4133560	5.17E-05	7.01E-10	1.70E-08	1.87E-08	2.08E-09	0.04	0.00	5.17E-05	Potential Resident
599680_4133560	599680	4133560	4.98E-05	6.75E-10	1.63E-08	1.80E-08	2.00E-09	0.04	0.00	4.98E-05	Potential Resident
599700_4133560	599700	4133560	4.64E-05	6.29E-10	1.52E-08	1.68E-08	1.86E-09	0.03	0.00	4.64E-05	Potential Resident
599080_4133580	599080	4133580	9.56E-05	1.30E-09	3.14E-08	3.46E-08	3.84E-09	0.07	0.00	9.56E-05	Potential Resident
599100_4133580	599100	4133580	1.01E-04	1.37E-09	3.32E-08	3.66E-08	4.06E-09	0.08	0.00	1.01E-04	Potential Resident
599120_4133580	599120	4133580	1.10E-04	1.49E-09	3.61E-08	3.98E-08	4.42E-09	0.08	0.00	1.10E-04	Potential Resident
599140_4133580	599140	4133580	1.26E-04	1.70E-09	4.13E-08	4.55E-08	5.05E-09	0.09	0.00	1.26E-04	Potential Resident
599160_4133580	599160	4133580	1.43E-04	1.94E-09	4.70E-08	5.18E-08	5.75E-09	0.11	0.00	1.43E-04	Potential Resident
599180_4133580	599180	4133580	1.67E-04	2.27E-09	5.49E-08	6.05E-08	6.72E-09	0.12	0.00	1.67E-04	Potential Resident
599200_4133580	599200	4133580	1.92E-04	2.60E-09	6.30E-08	6.94E-08	7.71E-09	0.14	0.00	1.92E-04	Potential Resident
599220_4133580	599220	4133580	2.14E-04	2.90E-09	7.03E-08	7.74E-08	8.60E-09	0.16	0.00	2.14E-04	Potential Resident
599240_4133580	599240	4133580	2.57E-04	3.48E-09	8.43E-08	9.29E-08	1.03E-08	0.19	0.00	2.57E-04	Potential Resident
599260_4133580	599260	4133580	3.06E-04	4.15E-09	1.01E-07	1.11E-07	1.23E-08	0.23	0.00	3.06E-04	Potential Resident
599280_4133580	599280	4133580	3.58E-04	4.85E-09	1.17E-07	1.29E-07	1.44E-08	0.27	0.00	3.58E-04	Non Residential
599300_4133580	599300	4133580	4.23E-04	5.73E-09	1.39E-07	1.53E-07	1.70E-08	0.31	0.00	4.23E-04	Non Residential
599320_4133580	599320	4133580	4.67E-04	6.33E-09	1.53E-07	1.69E-07	1.88E-08	0.35	0.00	4.67E-04	Non Residential
599340_4133580	599340	4133580	4.64E-04	6.29E-09	1.52E-07	1.68E-07	1.86E-08	0.35	0.00	4.64E-04	Non Residential
599360_4133580	599360	4133580	3.91E-04	5.30E-09	1.28E-07	1.41E-07	1.57E-08	0.29	0.00	3.91E-04	Non Residential
599500_4133580	599500	4133580	9.78E-05	1.33E-09	3.21E-08	3.54E-08	3.93E-09	0.07	0.00	9.78E-05	Potential Resident
599520_4133580	599520	4133580	9.07E-05	1.23E-09	2.98E-08	3.28E-08	3.65E-09	0.07	0.00	9.07E-05	Potential Resident
599540_4133580	599540	4133580	8.27E-05	1.12E-09	2.72E-08	2.99E-08	3.32E-09	0.06	0.00	8.27E-05	Potential Resident
599560_4133580	599560	4133580	7.51E-05	1.02E-09	2.47E-08	2.72E-08	3.02E-09	0.06	0.00	7.51E-05	Potential Resident
599580_4133580	599580	4133580	6.96E-05	9.44E-10	2.29E-08	2.52E-08	2.80E-09	0.05	0.00	6.96E-05	Potential Resident
599600_4133580	599600	4133580	6.35E-05	8.61E-10	2.09E-08	2.30E-08	2.55E-09	0.05	0.00	6.35E-05	Potential Resident
599620_4133580	599620	4133580	5.83E-05	7.91E-10	1.92E-08	2.11E-08	2.34E-09	0.04	0.00	5.83E-05	Potential Resident
599640_4133580	599640	4133580	5.38E-05	7.30E-10	1.77E-08	1.95E-08	2.16E-09	0.04	0.00	5.38E-05	Potential Resident
599660_4133580	599660	4133580	4.99E-05	6.76E-10	1.64E-08	1.81E-08	2.00E-09	0.04	0.00	4.99E-05	Potential Resident
599680_4133580	599680	4133580	4.65E-05	6.31E-10	1.53E-08	1.68E-08	1.87E-09	0.03	0.00	4.65E-05	Potential Resident
599100_4133600	599100	4133600	1.17E-04	1.58E-09	3.83E-08	4.22E-08	4.69E-09	0.09	0.00	1.17E-04	Potential Resident
599120_4133600	599120	4133600	1.31E-04	1.78E-09	4.31E-08	4.75E-08	5.27E-09	0.10	0.00	1.31E-04	Potential Resident
599140_4133600	599140	4133600	1.47E-04	1.99E-09	4.83E-08	5.32E-08	5.90E-09	0.11	0.00	1.47E-04	Potential Resident
599160_4133600	599160	4133600	1.65E-04	2.24E-09	5.43E-08	5.99E-08	6.65E-09	0.12	0.00	1.65E-04	Potential Resident
599180_4133600	599180	4133600	1.81E-04	2.46E-09	5.96E-08	6.57E-08	7.29E-09	0.14	0.00	1.81E-04	Potential Resident
599200_4133600	599200	4133600	2.08E-04	2.82E-09	6.82E-08	7.52E-08	8.35E-09	0.15	0.00	2.08E-04	Potential Resident
599220_4133600	599220	4133600	2.36E-04	3.20E-09	7.76E-08	8.55E-08	9.50E-09	0.18	0.00	2.36E-04	Potential Resident
599240_4133600	599240	4133600	2.75E-04	3.72E-09	9.02E-08	9.94E-08	1.10E-08	0.20	0.00	2.75E-04	Potential Resident
599260_4133600	599260	4133600	3.05E-04	4.13E-09	1.00E-07	1.10E-07	1.22E-08	0.23	0.00	3.05E-04	Potential Resident

599280_4133600	599280	4133600	3.45E-04	4.68E-09	1.13E-07	1.25E-07	1.39E-08	0.26	0.00	3.45E-04	Potential Resident
599300_4133600	599300	4133600	3.76E-04	5.10E-09	1.24E-07	1.36E-07	1.51E-08	0.28	0.00	3.76E-04	Non Residential
599320_4133600	599320	4133600	3.82E-04	5.18E-09	1.25E-07	1.38E-07	1.53E-08	0.28	0.00	3.82E-04	Non Residential
599340_4133600	599340	4133600	3.42E-04	4.64E-09	1.12E-07	1.24E-07	1.38E-08	0.25	0.00	3.42E-04	Non Residential
599360_4133600	599360	4133600	2.70E-04	3.66E-09	8.87E-08	9.77E-08	1.08E-08	0.20	0.00	2.70E-04	Non Residential
599480_4133600	599480	4133600	9.21E-05	1.25E-09	3.03E-08	3.34E-08	3.70E-09	0.07	0.00	9.21E-05	Potential Resident
599500_4133600	599500	4133600	8.48E-05	1.15E-09	2.78E-08	3.07E-08	3.41E-09	0.06	0.00	8.48E-05	Potential Resident
599520_4133600	599520	4133600	7.82E-05	1.06E-09	2.57E-08	2.83E-08	3.14E-09	0.06	0.00	7.82E-05	Potential Resident
599540_4133600	599540	4133600	7.30E-05	9.90E-10	2.40E-08	2.64E-08	2.93E-09	0.05	0.00	7.30E-05	Potential Resident
599560_4133600	599560	4133600	6.95E-05	9.43E-10	2.28E-08	2.52E-08	2.79E-09	0.05	0.00	6.95E-05	Potential Resident
599580_4133600	599580	4133600	6.45E-05	8.74E-10	2.12E-08	2.33E-08	2.59E-09	0.05	0.00	6.45E-05	Potential Resident
599600_4133600	599600	4133600	5.98E-05	8.11E-10	1.96E-08	2.17E-08	2.40E-09	0.04	0.00	5.98E-05	Potential Resident
599620_4133600	599620	4133600	5.45E-05	7.39E-10	1.79E-08	1.97E-08	2.19E-09	0.04	0.00	5.45E-05	Potential Resident
599640_4133600	599640	4133600	5.22E-05	7.08E-10	1.71E-08	1.89E-08	2.10E-09	0.04	0.00	5.22E-05	Potential Resident
599660_4133600	599660	4133600	4.83E-05	6.55E-10	1.59E-08	1.75E-08	1.94E-09	0.04	0.00	4.83E-05	Potential Resident
599680_4133600	599680	4133600	4.52E-05	6.13E-10	1.48E-08	1.64E-08	1.82E-09	0.03	0.00	4.52E-05	Potential Resident
599100_4133620	599100	4133620	1.33E-04	1.81E-09	4.38E-08	4.82E-08	5.35E-09	0.10	0.00	1.33E-04	Potential Resident
599120_4133620	599120	4133620	1.48E-04	2.00E-09	4.85E-08	5.35E-08	5.93E-09	0.11	0.00	1.48E-04	Potential Resident
599140_4133620	599140	4133620	1.62E-04	2.20E-09	5.32E-08	5.87E-08	6.51E-09	0.12	0.00	1.62E-04	Potential Resident
599160_4133620	599160	4133620	1.75E-04	2.37E-09	5.73E-08	6.32E-08	7.01E-09	0.13	0.00	1.75E-04	Potential Resident
599180_4133620	599180	4133620	1.97E-04	2.67E-09	6.46E-08	7.12E-08	7.91E-09	0.15	0.00	1.97E-04	Potential Resident
599200_4133620	599200	4133620	2.19E-04	2.97E-09	7.19E-08	7.93E-08	8.80E-09	0.16	0.00	2.19E-04	Potential Resident
599220_4133620	599220	4133620	2.45E-04	3.33E-09	8.06E-08	8.88E-08	9.86E-09	0.18	0.00	2.45E-04	Potential Resident
599240_4133620	599240	4133620	2.67E-04	3.63E-09	8.79E-08	9.68E-08	1.08E-08	0.20	0.00	2.67E-04	Potential Resident
599260_4133620	599260	4133620	2.91E-04	3.94E-09	9.55E-08	1.05E-07	1.17E-08	0.22	0.00	2.91E-04	Potential Resident
599280_4133620	599280	4133620	3.18E-04	4.32E-09	1.05E-07	1.15E-07	1.28E-08	0.24	0.00	3.18E-04	Potential Resident
599300_4133620	599300	4133620	3.20E-04	4.34E-09	1.05E-07	1.16E-07	1.29E-08	0.24	0.00	3.20E-04	Potential Resident
599320_4133620	599320	4133620	3.06E-04	4.15E-09	1.00E-07	1.11E-07	1.23E-08	0.23	0.00	3.06E-04	Potential Resident
599340_4133620	599340	4133620	2.57E-04	3.48E-09	8.44E-08	9.30E-08	1.03E-08	0.19	0.00	2.57E-04	Non Residential
599460_4133620	599460	4133620	9.02E-05	1.22E-09	2.96E-08	3.26E-08	3.62E-09	0.07	0.00	9.02E-05	Potential Resident
599480_4133620	599480	4133620	8.19E-05	1.11E-09	2.69E-08	2.97E-08	3.29E-09	0.06	0.00	8.19E-05	Potential Resident
599500_4133620	599500	4133620	7.40E-05	1.00E-09	2.43E-08	2.68E-08	2.98E-09	0.06	0.00	7.40E-05	Potential Resident
599520_4133620	599520	4133620	6.89E-05	9.35E-10	2.26E-08	2.50E-08	2.77E-09	0.05	0.00	6.89E-05	Potential Resident
599540_4133620	599540	4133620	6.64E-05	9.00E-10	2.18E-08	2.40E-08	2.67E-09	0.05	0.00	6.64E-05	Potential Resident
599560_4133620	599560	4133620	6.19E-05	8.39E-10	2.03E-08	2.24E-08	2.49E-09	0.05	0.00	6.19E-05	Potential Resident
599580_4133620	599580	4133620	5.86E-05	7.95E-10	1.93E-08	2.12E-08	2.36E-09	0.04	0.00	5.86E-05	Potential Resident
599600_4133620	599600	4133620	5.56E-05	7.53E-10	1.82E-08	2.01E-08	2.23E-09	0.04	0.00	5.56E-05	Potential Resident
599620_4133620	599620	4133620	5.29E-05	7.17E-10	1.74E-08	1.91E-08	2.13E-09	0.04	0.00	5.29E-05	Potential Resident
599640_4133620	599640	4133620	4.98E-05	6.75E-10	1.64E-08	1.80E-08	2.00E-09	0.04	0.00	4.98E-05	Potential Resident
599660_4133620	599660	4133620	4.63E-05	6.28E-10	1.52E-08	1.68E-08	1.86E-09	0.03	0.00	4.63E-05	Potential Resident
599120_4133640	599120	4133640	1.55E-04	2.10E-09	5.09E-08	5.61E-08	6.23E-09	0.12	0.00	1.55E-04	Potential Resident
599140_4133640	599140	4133640	1.69E-04	2.29E-09	5.56E-08	6.13E-08	6.80E-09	0.13	0.00	1.69E-04	Potential Resident
599160_4133640	599160	4133640	1.81E-04	2.46E-09	5.96E-08	6.57E-08	7.29E-09	0.14	0.00	1.81E-04	Potential Resident
599180_4133640	599180	4133640	2.02E-04	2.74E-09	6.64E-08	7.31E-08	8.12E-09	0.15	0.00	2.02E-04	Potential Resident
599200_4133640	599200	4133640	2.22E-04	3.01E-09	7.30E-08	8.04E-08	8.93E-09	0.17	0.00	2.22E-04	Potential Resident
599220_4133640	599220	4133640	2.33E-04	3.17E-09	7.67E-08	8.45E-08	9.38E-09	0.17	0.00	2.33E-04	Potential Resident
599240_4133640	599240	4133640	2.50E-04	3.39E-09	8.20E-08	9.04E-08	1.00E-08	0.19	0.00	2.50E-04	Potential Resident
599260_4133640	599260	4133640	2.71E-04	3.67E-09	8.90E-08	9.81E-08	1.09E-08	0.20	0.00	2.71E-04	Potential Resident
599280_4133640	599280	4133640	2.77E-04	3.75E-09	9.09E-08	1.00E-07	1.11E-08	0.21	0.00	2.77E-04	Potential Resident
599300_4133640	599300	4133640	2.71E-04	3.68E-09	8.90E-08	9.81E-08	1.09E-08	0.20	0.00	2.71E-04	Potential Resident
599320_4133640	599320	4133640	2.42E-04	3.28E-09	7.94E-08	8.75E-08	9.71E-09	0.18	0.00	2.42E-04	Potential Resident
599340_4133640	599340	4133640	2.03E-04	2.76E-09	6.68E-08	7.36E-08	8.17E-09	0.15	0.00	2.03E-04	Potential Resident
599360_4133640	599360	4133640	1.67E-04	2.27E-09	5.49E-08	6.05E-08	6.72E-09	0.12	0.00	1.67E-04	Potential Resident
599460_4133640	599460	4133640	7.97E-05	1.08E-09	2.62E-08	2.89E-08	3.20E-09	0.06	0.00	7.97E-05	Potential Resident
599480_4133640	599480	4133640	7.32E-05	9.92E-10	2.40E-08	2.65E-08	2.94E-09	0.05	0.00	7.32E-05	Potential Resident
599500_4133640	599500	4133640	6.74E-05	9.14E-10	2.21E-08	2.44E-08	2.71E-09	0.05	0.00	6.74E-05	Potential Resident
599520_4133640	599520	4133640	6.26E-05	8.49E-10	2.06E-08	2.27E-08	2.52E-09	0.05	0.00	6.26E-05	Potential Resident
599540_4133640	599540	4133640	5.91E-05	8.01E-10	1.94E-08	2.14E-08	2.37E-09	0.04	0.00	5.91E-05	Potential Resident
599560_4133640	599560	4133640	5.73E-05	7.77E-10	1.88E-08	2.07E-08	2.30E-09	0.04	0.00	5.73E-05	Potential Resident
599580_4133640	599580	4133640	5.48E-05	7.44E-10	1.80E-08	1.99E-08	2.20E-09	0.04	0.00	5.48E-05	Potential Resident
599600_4133640	599600	4133640	5.16E-05	6.99E-10	1.69E-08	1.87E-08	2.07E-09	0.04	0.00	5.16E-05	Potential Resident
599620_4133640	599620	4133640	4.91E-05	6.66E-10	1.61E-08	1.78E-08	1.97E-09	0.04	0.00	4.91E-05	Potential Resident
599640_4133640	599640	4133640	4.77E-05	6.46E-10	1.57E-08	1.73E-08	1.92E-09	0.04	0.00	4.77E-05	Potential Resident
599660_4133640	599660	4133640	4.53E-05	6.14E-10	1.49E-08	1.64E-08	1.82E-09	0.03	0.00	4.53E-05	Potential Resident
599140_4133660	599140	4133660	1.73E-04	2.35E-09	5.69E-08	6.27E-08	6.96E-09	0.13	0.00	1.73E-04	Potential Resident
599160_4133660	599160	4133660	1.86E-04	2.53E-09	6.12E-08	6.75E-08	7.49E-09	0.14	0.00	1.86E-04	Potential Resident
599180_4133660	599180	4133660	1.98E-04	2.69E-09	6.51E-08	7.17E-08	7.97E-09	0.15	0.00	1.98E-04	Potential Resident
599200_4133660	599200	4133660	2.05E-04	2.78E-09	6.74E-08	7.42E-08	8.24E-09	0.15	0.00	2.05E-04	Potential Resident
599220_4133660	599220	4133660	2.25E-04	3.05E-09	7.39E-08	8.14E-08	9.04E-09	0.17	0.00	2.25E-04	Potential Resident
599240_4133660	599240	4133660	2.38E-04	3.22E-09	7.80E-08	8.60E-08	9.55E-09	0.18	0.00	2.38E-04	Potential Resident
599260_4133660	599260	4133660	2.44E-04	3.31E-09	8.02E-08	8.83E-08	9.81E-09	0.18	0.00	2.44E-04	Potential Resident
599280_4133660	599280	4133660	2.45E-04	3.33E-09	8.06E-08	8.88E-08	9.86E-09	0.18	0.00	2.45E-04	Potential Resident
599300_4133660	599300	4133660	2.24E-04	3.03E-09	7.35E-08	8.10E-08	8.99E-09	0.17	0.00	2.24E-04	Potential Resident
599320_4133660	599320	4133660	1.97E-04	2.67E-09	6.46E-08	7.12E-08	7.91E-09	0.15	0.00	1.97E-04	Potential Resident
599340_4133660	599340	4133660	1.63E-04	2.22E-09	5.37E-08	5.92E-08	6.57E-09	0.12	0.00	1.63E-04	Potential Resident
599360_4133660	599360	4133660	1.40E-04	1.90E-09	4.61E-08	5.07E-08	5.63E-09	0.10	0.00	1.40E-04	Potential Resident
599380_4133660	599380	4133660	1.23E-04	1.67E-09	4.04E-08	4.45E-08	4.94E-09	0.09	0.00	1.23E-04	Potential Resident
599400_4133660	599400	4133660	1.05E-04	1.42E-09	3.45E-08	3.80E-08	4.22E-09	0.08	0.00	1.05E-04	Potential Resident
599440_4133660	599440	4133660	8.16E-05	1.11E-09	2.68E-08	2.95E-08	3.28E-09	0.06	0.00	8.16E-05	Potential Resident
599460_4133660	599460	4133660	7.23E-05	9.81E-10	2.38E-08	2.62E-08	2.91E-09	0.05	0.00	7.23E-05	Potential Resident
599480_4133660	599480	4133660	6.66E-05	9.03E-10	2.19E-08	2.41E-08	2.68E-09	0.05	0.00	6.66E-05	Potential Resident
599500_4133660	599500	4133660	6.06E-05	8.22E-10	1.99E-08	2.19E-08	2.44E-09	0.05	0.00	6.06E-05	Potential Resident
599520_4133660	599520	4133660	5.76E-05	7.82E-10	1.89E-08	2.09E-08	2.32E-09	0.04	0.00	5.76E-05	Potential Resident
599540_4133660	599540	4133660	5.44E-05	7.38E-10	1.79E-08	1.97E-08	2.19E-09	0.04	0.00	5.44E-05	Potential Resident
599560_4133660	599560	4133660	5.24E-05	7.10E-10	1.72E-08	1.90E-08	2.10E-09	0.04	0.00	5.24E-05	Potential Resident
599580_4133660	599580	4133660	5.07E-05	6.88E-10	1.67E-08	1.84E-08	2.04E-09	0.04	0.00	5.07E-05	Potential Resident
599600_4133660	599600	4133660	4.83E-05	6.56E-10	1.59E-08	1.75E-08	1.94E-09	0.04	0.00	4.83E-05	Potential Resident
599620_4133660	599620	4133660	4.71E-05	6.38E-10	1.55E-08	1.70E-08	1.89E-09	0.04	0.00	4.71E-05	Potential Resident
599640_4133660	599640	4133660	4.52E-05	6.13E-10	1.48E-08	1.64E-08	1.82E-09	0.03	0.00	4.52E-05	Potential Resident
599160_4133680	599160	4133680	1.85E-04	2.50E-09	6.06E-08	6.68E-08	7.42E-09	0.14	0.00	1.85E-04	Potential Resident
599180_4133680	599180	4133680	1.89E-04	2.56E-09	6.20E-08	6.84E-08	7.59E-09	0.14	0.00	1.89E-04	Potential Resident
599200_4133680	599200	4133680	2.01E-04	2.73E-09	6.60E-08	7.28E-08	8.08E-09	0.15	0.00	2.01E-04	Potential Resident
599220_4133680	599220	4133680	2.06E-04	2.80E-09	6.78E-08	7.47E-08	8.30E-09	0.15	0.00	2.06E-04	Potential Resident
599240_4133680	599240	4133680	2.21E-04	3.00E-09	7.27E-08	8.01E-08	8.89E-09	0.16	0.00	2.21E-04	Potential Resident
599260_4133680	599260	4133680	2.24E-04	3.04E-09	7.37E-08	8.12E-08	9.02E-09	0.17	0.00	2.24E-04	Potential Resident
599280_4133680	599280	4133680	2.08E-04	2.82E-09	6.82E-08	7.52E-08	8.35E-09	0.15	0.00	2.08E-04	Potential Resident
599300_4133680	599300	4133680	1.91E-04	2.59E-09	6.26E-08	6.90E-08	7.66E-09	0.14	0.00	1.91E-04	Potential Resident
599320_4133680	599320	4133680	1.61E-04	2.18E-09	5.27E-08	5.81E-08	6.45E-09	0.12	0.00	1.61E-04	Potential Resident
599340_4133680	599340	4133680	1.41E-04	1.91E-09	4.62E-08	5.09E-08	5.65E-09	0.10	0.00	1.41E-04	Potential Resident
599360_4133680	599360	4133680	1.23E-04	1.67E-09	4.05E-08	4.46E-08	4.96E-09	0.09	0.00	1.23E-04	Potential Resident
599380_4133680	599380	4133680	1.07E-04	1.45E-09	3.51E-08	3.86E-08	4.29E-09	0.08	0.00	1.07E-04	Potential Resident
599400_4133680	599400	4133680	9.16E-05	1.24E-09	3.01E-08	3.32E-08	3.68E-09	0.07	0.00	9.16E-05	Potential Resident
599420_4133680	599420	4133680	8.21E-05	1.11E-09	2.70E-08	2.97E-08	3.30E-09	0.06	0.00	8.21E-05	Potential Resident
599440_4133680	599440	4133680	7.32E-05	9.93E-10	2.40E-08	2.65E-08	2.94E-09	0.05	0.00	7.32E-05	Potential Resident
599460_4133680	599460	4133680	6.75E-05	9.15E-10	2.22E-08	2.44E-08	2.71E-09	0.05	0.00	6.75E-05	Potential Resident
599480_4133680	599480	4133680	6.06E-05	8.22E-10	1.99E-08	2.19E-08	2.43E-09	0.05	0.00	6.06E-05	Potential Resident
599500_4133680	599500	4133680	5.58E-05	7.57E-10	1.83E-08	2.02E-08	2.24E-09	0.04	0.00	5.58E-05	Potential Resident
599520_4133680	599520	4133680	5.27E-05	7.15E-10	1.73E-08	1.91E-08	2.12E-09	0.04	0.00	5.27E-05	Potential Resident
599540_4133680	599540	4133680	5.04E-05	6.84E-10	1.66E-08	1.82E-08	2.03E-09	0.04	0.00	5.04E-05	Potential Resident
599560_4133680	599560	4133680	4.80E-05	6.52E-10	1.58E-08	1.74E-08	1.93E-09	0.04	0.00	4.80E-05	Potential Resident
599580_4133680	599580	4133680	4.67E-05	6.34E-10	1.54E-08	1.69E-08	1.88E-09	0.03	0.00	4.67E-05	Potential Resident
599600_4133680	599600	4133680	4.55E-05	6.17E-10	1.50E-08	1.65E-08	1.83E-09	0.03	0.00	4.55E-05	Potential Resident
599620_4133680	599620	4133680	4.42E-05	5.99E-10	1.45E-08	1.60E-08	1.78E-09	0.03	0.00	4.42E-05	Potential Resident
599180_4133700	599180	4133700	1.85E-04	2.51E-09	6.08E-08	6.70E-08	7.44E-09	0.14	0.00	1.85E-04	Potential Resident
599200_4133700	599200	4133700	1.93E-04	2.61E-09	6.33E-08	6.97E-08	7.74E-09	0.14	0.00	1.93E-04	Potential Resident
599220_4133700	599220	4133700	2.01E-04	2.72E-09	6.59E-08	7.27E-08	8.07E-09	0.15	0.00	2.01E-04	Potential Resident

599240_4133700	599240	4133700	2.00E-04	2.72E-09	6.58E-08	7.25E-08	8.05E-09	0.15	0.00	2.00E-04	Potential Resident
599260_4133700	599260	4133700	1.92E-04	2.60E-09	6.30E-08	6.94E-08	7.71E-09	0.14	0.00	1.92E-04	Potential Resident
599280_4133700	599280	4133700	1.84E-04	2.50E-09	6.05E-08	6.67E-08	7.40E-09	0.14	0.00	1.84E-04	Potential Resident
599300_4133700	599300	4133700	1.63E-04	2.21E-09	5.35E-08	5.89E-08	6.54E-09	0.12	0.00	1.63E-04	Potential Resident
599320_4133700	599320	4133700	1.40E-04	1.90E-09	4.61E-08	5.08E-08	5.64E-09	0.10	0.00	1.40E-04	Potential Resident
599340_4133700	599340	4133700	1.21E-04	1.64E-09	3.98E-08	4.38E-08	4.86E-09	0.09	0.00	1.21E-04	Potential Resident
599360_4133700	599360	4133700	1.10E-04	1.49E-09	3.62E-08	3.99E-08	4.43E-09	0.08	0.00	1.10E-04	Potential Resident
599380_4133700	599380	4133700	9.41E-05	1.28E-09	3.09E-08	3.41E-08	3.78E-09	0.07	0.00	9.41E-05	Potential Resident
599400_4133700	599400	4133700	8.49E-05	1.15E-09	2.79E-08	3.07E-08	3.41E-09	0.06	0.00	8.49E-05	Potential Resident
599420_4133700	599420	4133700	7.50E-05	1.02E-09	2.47E-08	2.72E-08	3.02E-09	0.06	0.00	7.50E-05	Potential Resident
599440_4133700	599440	4133700	6.81E-05	9.24E-10	2.24E-08	2.47E-08	2.74E-09	0.05	0.00	6.81E-05	Potential Resident
599460_4133700	599460	4133700	6.18E-05	8.38E-10	2.03E-08	2.24E-08	2.49E-09	0.05	0.00	6.18E-05	Potential Resident
599480_4133700	599480	4133700	5.70E-05	7.74E-10	1.87E-08	2.07E-08	2.29E-09	0.04	0.00	5.70E-05	Potential Resident
599500_4133700	599500	4133700	5.24E-05	7.11E-10	1.72E-08	1.90E-08	2.11E-09	0.04	0.00	5.24E-05	Potential Resident
599520_4133700	599520	4133700	4.96E-05	6.73E-10	1.63E-08	1.80E-08	2.00E-09	0.04	0.00	4.96E-05	Potential Resident
599540_4133700	599540	4133700	4.70E-05	6.38E-10	1.55E-08	1.70E-08	1.89E-09	0.04	0.00	4.70E-05	Potential Resident
599560_4133700	599560	4133700	4.47E-05	6.06E-10	1.47E-08	1.62E-08	1.80E-09	0.03	0.00	4.47E-05	Potential Resident
599580_4133700	599580	4133700	4.33E-05	5.87E-10	1.42E-08	1.57E-08	1.74E-09	0.03	0.00	4.33E-05	Potential Resident
599600_4133700	599600	4133700	4.29E-05	5.82E-10	1.41E-08	1.55E-08	1.72E-09	0.03	0.00	4.29E-05	Potential Resident
599200_4133720	599200	4133720	1.85E-04	2.50E-09	6.06E-08	6.68E-08	7.42E-09	0.14	0.00	1.85E-04	Potential Resident
599220_4133720	599220	4133720	1.85E-04	2.51E-09	6.08E-08	6.70E-08	7.44E-09	0.14	0.00	1.85E-04	Potential Resident
599240_4133720	599240	4133720	1.79E-04	2.43E-09	5.88E-08	6.48E-08	7.20E-09	0.13	0.00	1.79E-04	Potential Resident
599260_4133720	599260	4133720	1.70E-04	2.31E-09	5.59E-08	6.16E-08	6.84E-09	0.13	0.00	1.70E-04	Potential Resident
599280_4133720	599280	4133720	1.59E-04	2.16E-09	5.23E-08	5.76E-08	6.40E-09	0.12	0.00	1.59E-04	Potential Resident
599300_4133720	599300	4133720	1.36E-04	1.84E-09	4.46E-08	4.92E-08	5.46E-09	0.10	0.00	1.36E-04	Potential Resident
599320_4133720	599320	4133720	1.21E-04	1.64E-09	3.98E-08	4.39E-08	4.87E-09	0.09	0.00	1.21E-04	Potential Resident
599340_4133720	599340	4133720	1.07E-04	1.45E-09	3.52E-08	3.88E-08	4.31E-09	0.08	0.00	1.07E-04	Potential Resident
599360_4133720	599360	4133720	9.67E-05	1.31E-09	3.18E-08	3.50E-08	3.89E-09	0.07	0.00	9.67E-05	Potential Resident
599380_4133720	599380	4133720	8.56E-05	1.16E-09	2.81E-08	3.10E-08	3.44E-09	0.06	0.00	8.56E-05	Potential Resident
599400_4133720	599400	4133720	7.74E-05	1.05E-09	2.54E-08	2.80E-08	3.11E-09	0.06	0.00	7.74E-05	Potential Resident
599420_4133720	599420	4133720	6.99E-05	9.48E-10	2.30E-08	2.53E-08	2.81E-09	0.05	0.00	6.99E-05	Potential Resident
599440_4133720	599440	4133720	6.33E-05	8.58E-10	2.08E-08	2.29E-08	2.54E-09	0.05	0.00	6.33E-05	Potential Resident
599460_4133720	599460	4133720	5.79E-05	7.85E-10	1.90E-08	2.10E-08	2.33E-09	0.04	0.00	5.79E-05	Potential Resident
599480_4133720	599480	4133720	5.34E-05	7.24E-10	1.75E-08	1.93E-08	2.15E-09	0.04	0.00	5.34E-05	Potential Resident
599500_4133720	599500	4133720	4.95E-05	6.72E-10	1.63E-08	1.79E-08	1.99E-09	0.04	0.00	4.95E-05	Potential Resident
599520_4133720	599520	4133720	4.74E-05	6.43E-10	1.56E-08	1.72E-08	1.91E-09	0.04	0.00	4.74E-05	Potential Resident
599540_4133720	599540	4133720	4.49E-05	6.09E-10	1.47E-08	1.63E-08	1.80E-09	0.03	0.00	4.49E-05	Potential Resident
599560_4133720	599560	4133720	4.23E-05	5.73E-10	1.39E-08	1.53E-08	1.70E-09	0.03	0.00	4.23E-05	Potential Resident
599580_4133720	599580	4133720	4.12E-05	5.58E-10	1.35E-08	1.49E-08	1.65E-09	0.03	0.00	4.12E-05	Potential Resident
599220_4133740	599220	4133740	1.73E-04	2.35E-09	5.68E-08	6.26E-08	6.95E-09	0.13	0.00	1.73E-04	Potential Resident
599240_4133740	599240	4133740	1.63E-04	2.21E-09	5.34E-08	5.89E-08	6.54E-09	0.12	0.00	1.63E-04	Potential Resident
599260_4133740	599260	4133740	1.55E-04	2.10E-09	5.08E-08	5.59E-08	6.21E-09	0.11	0.00	1.55E-04	Potential Resident
599280_4133740	599280	4133740	1.41E-04	1.91E-09	4.64E-08	5.11E-08	5.68E-09	0.11	0.00	1.41E-04	Potential Resident
599300_4133740	599300	4133740	1.22E-04	1.65E-09	3.99E-08	4.40E-08	4.88E-09	0.09	0.00	1.22E-04	Potential Resident
599320_4133740	599320	4133740	1.11E-04	1.50E-09	3.63E-08	4.01E-08	4.45E-09	0.08	0.00	1.11E-04	Potential Resident
599340_4133740	599340	4133740	1.00E-04	1.36E-09	3.30E-08	3.63E-08	4.03E-09	0.07	0.00	1.00E-04	Potential Resident
599360_4133740	599360	4133740	8.94E-05	1.21E-09	2.94E-08	3.23E-08	3.59E-09	0.07	0.00	8.94E-05	Potential Resident
599380_4133740	599380	4133740	7.85E-05	1.07E-09	2.58E-08	2.84E-08	3.16E-09	0.06	0.00	7.85E-05	Potential Resident
599400_4133740	599400	4133740	7.09E-05	9.62E-10	2.33E-08	2.57E-08	2.85E-09	0.05	0.00	7.09E-05	Potential Resident
599420_4133740	599420	4133740	6.49E-05	8.80E-10	2.13E-08	2.35E-08	2.61E-09	0.05	0.00	6.49E-05	Potential Resident
599440_4133740	599440	4133740	5.97E-05	8.10E-10	1.96E-08	2.16E-08	2.40E-09	0.04	0.00	5.97E-05	Potential Resident
599460_4133740	599460	4133740	5.45E-05	7.39E-10	1.79E-08	1.97E-08	2.19E-09	0.04	0.00	5.45E-05	Potential Resident
599480_4133740	599480	4133740	5.06E-05	6.87E-10	1.66E-08	1.83E-08	2.04E-09	0.04	0.00	5.06E-05	Potential Resident
599500_4133740	599500	4133740	4.72E-05	6.40E-10	1.55E-08	1.71E-08	1.90E-09	0.04	0.00	4.72E-05	Potential Resident
599520_4133740	599520	4133740	4.47E-05	6.06E-10	1.47E-08	1.62E-08	1.80E-09	0.03	0.00	4.47E-05	Potential Resident
599540_4133740	599540	4133740	4.27E-05	5.79E-10	1.40E-08	1.54E-08	1.71E-09	0.03	0.00	4.27E-05	Potential Resident
599260_4133760	599260	4133760	1.40E-04	1.90E-09	4.61E-08	5.08E-08	5.65E-09	0.10	0.00	1.40E-04	Potential Resident
599280_4133760	599280	4133760	1.23E-04	1.67E-09	4.04E-08	4.45E-08	4.94E-09	0.09	0.00	1.23E-04	Potential Resident
599300_4133760	599300	4133760	1.09E-04	1.48E-09	3.59E-08	3.96E-08	4.40E-09	0.08	0.00	1.09E-04	Potential Resident
599320_4133760	599320	4133760	1.00E-04	1.36E-09	3.29E-08	3.63E-08	4.03E-09	0.07	0.00	1.00E-04	Potential Resident
599340_4133760	599340	4133760	9.08E-05	1.23E-09	2.98E-08	3.29E-08	3.65E-09	0.07	0.00	9.08E-05	Potential Resident
599360_4133760	599360	4133760	8.22E-05	1.11E-09	2.70E-08	2.98E-08	3.30E-09	0.06	0.00	8.22E-05	Potential Resident
599380_4133760	599380	4133760	7.26E-05	9.84E-10	2.38E-08	2.63E-08	2.92E-09	0.05	0.00	7.26E-05	Potential Resident
599400_4133760	599400	4133760	6.73E-05	9.13E-10	2.21E-08	2.44E-08	2.71E-09	0.05	0.00	6.73E-05	Potential Resident
599420_4133760	599420	4133760	6.14E-05	8.32E-10	2.02E-08	2.22E-08	2.47E-09	0.05	0.00	6.14E-05	Potential Resident
599440_4133760	599440	4133760	5.66E-05	7.67E-10	1.86E-08	2.05E-08	2.27E-09	0.04	0.00	5.66E-05	Potential Resident
599460_4133760	599460	4133760	5.18E-05	7.03E-10	1.70E-08	1.88E-08	2.08E-09	0.04	0.00	5.18E-05	Potential Resident
599480_4133760	599480	4133760	4.74E-05	6.43E-10	1.56E-08	1.72E-08	1.90E-09	0.04	0.00	4.74E-05	Potential Resident
599500_4133760	599500	4133760	4.51E-05	6.12E-10	1.48E-08	1.63E-08	1.81E-09	0.03	0.00	4.51E-05	Potential Resident
599340_4133780	599340	4133780	8.29E-05	1.12E-09	2.72E-08	3.00E-08	3.33E-09	0.06	0.00	8.29E-05	Potential Resident
599360_4133780	599360	4133780	7.59E-05	1.03E-09	2.49E-08	2.75E-08	3.05E-09	0.06	0.00	7.59E-05	Potential Resident
599380_4133780	599380	4133780	6.77E-05	9.18E-10	2.22E-08	2.45E-08	2.72E-09	0.05	0.00	6.77E-05	Potential Resident
599400_4133780	599400	4133780	6.30E-05	8.54E-10	2.07E-08	2.28E-08	2.53E-09	0.05	0.00	6.30E-05	Potential Resident
599420_4133780	599420	4133780	5.77E-05	7.82E-10	1.90E-08	2.09E-08	2.32E-09	0.04	0.00	5.77E-05	Potential Resident
599440_4133780	599440	4133780	5.41E-05	7.34E-10	1.78E-08	1.96E-08	2.18E-09	0.04	0.00	5.41E-05	Potential Resident

All Receptors - Operational Risk Cancer Risk

				Days				DPM (tons)	$PM_{2.5}$ (tons)
Operation	Generator	Start Date	End Date	3rd Trimester	Age 0<2	Age 2<16	Age 16<30	Annual O&M	Annual O&M
O&M	1	Annual		0	182	5110	5110	1.01E-03	1.01E-03

				DPM (g/s)	$PM_{2.5}$ (g/s)
Construction Year	Phase	Start Date	End Date	Annual O&M	Annual O&M
O&M	1	Annual		2.91E-05	2.91E-05

Risk Factors

	Abbreviation	UOM	3rd Trimester	0<2	2<16	16<30
Daily Breathing Rate (95th %'ile)	DBR	L/kg-day	361	1090	572	261
Fraction Of Time At Home	FAH	unitless	1	1	1	0.73
Exposure Frequency	EF	days/year	0.96	0.96	0.96	0.96
Age Sensitivity Factor	ASF	unitless	10	10	3	1
Inhalation Absorption Factor	A	unitless	1	1	1	1
Conversion Factor	CF_1	m^3/L	0.001	0.001	0.001	0.001
Conversion Factor	CF_2	$\mu g/m^3$	0.001	0.001	0.001	0.001
Cancer Potency Factor (diesel exhaust)	CPF	$mg/kg\text{-}day^{-1}$	1.1	1.1	1.1	1.1
Averaging Time (for residential exposure)	AT	years	70.00	70.00	70	70

Intake Factor for Inhalation, IF (m^3/kg-day)

	Year	Equation	3rd Trimester	0<2	2<16	16<30
Generator O&M	Annual	DBR*FAH*EF *ED*ASF*A* CF/AT	0.000	0.074	0.329	0.037

Risk Calculation Part 1, R1

Year		3rd Trimester	0<2	2<16	16<30
Annual	IF*CPF*CF	0.00E+00	8.19E-05	3.62E-04	4.02E-05

Risk Factors

	Abbreviation	UOM	
Chronic Inhalation	REL	ug/m^3	5

MAX	Max Risk	UTM X	UTM Y
Cancer	0.2729	599380	4133480

Diesel Particulate Matter concentration, C_{DPM} (ug/m^3)

			Annual O&M	Risk Calculation Part 2					HI	PM2.5
				$\sum R1*C_{DPM}$					C_{DPM}/REL	Annual O&M
Lookup	X (UTM)	Y (UTM	EDG	3rd Trimester	0<2	2<16	16<30	Total		EDG
599280_4133140	599280	4133140	1.64E-05	0.00E+00	1.34E-09	5.94E-09	6.59E-10	0.01	0.00	1.64E-05
599300_4133140	599300	4133140	1.74E-05	0.00E+00	1.43E-09	6.32E-09	7.01E-10	0.01	0.00	1.74E-05
599320_4133140	599320	4133140	1.85E-05	0.00E+00	1.52E-09	6.71E-09	7.45E-10	0.01	0.00	1.85E-05
599340_4133140	599340	4133140	1.93E-05	0.00E+00	1.58E-09	6.99E-09	7.76E-10	0.01	0.00	1.93E-05
599360_4133140	599360	4133140	2.01E-05	0.00E+00	1.64E-09	7.27E-09	8.07E-10	0.01	0.00	2.01E-05
599380_4133140	599380	4133140	2.13E-05	0.00E+00	1.74E-09	7.70E-09	8.55E-10	0.01	0.00	2.13E-05
599400_4133140	599400	4133140	2.28E-05	0.00E+00	1.87E-09	8.25E-09	9.16E-10	0.01	0.00	2.28E-05
599420_4133140	599420	4133140	2.61E-05	0.00E+00	2.14E-09	9.46E-09	1.05E-09	0.01	0.00	2.61E-05
599440_4133140	599440	4133140	3.08E-05	0.00E+00	2.53E-09	1.12E-08	1.24E-09	0.01	0.00	3.08E-05
599460_4133140	599460	4133140	3.51E-05	0.00E+00	2.87E-09	1.27E-08	1.41E-09	0.02	0.00	3.51E-05
599480_4133140	599480	4133140	4.13E-05	0.00E+00	3.38E-09	1.49E-08	1.66E-09	0.02	0.00	4.13E-05
599240_4133160	599240	4133160	1.59E-05	0.00E+00	1.30E-09	5.74E-09	6.37E-10	0.01	0.00	1.59E-05
599260_4133160	599260	4133160	1.65E-05	0.00E+00	1.35E-09	5.97E-09	6.63E-10	0.01	0.00	1.65E-05
599280_4133160	599280	4133160	1.70E-05	0.00E+00	1.40E-09	6.17E-09	6.85E-10	0.01	0.00	1.70E-05
599300_4133160	599300	4133160	1.81E-05	0.00E+00	1.49E-09	6.57E-09	7.29E-10	0.01	0.00	1.81E-05
599320_4133160	599320	4133160	1.92E-05	0.00E+00	1.57E-09	6.96E-09	7.73E-10	0.01	0.00	1.92E-05
599340_4133160	599340	4133160	2.02E-05	0.00E+00	1.65E-09	7.30E-09	8.11E-10	0.01	0.00	2.02E-05
599360_4133160	599360	4133160	2.11E-05	0.00E+00	1.73E-09	7.64E-09	8.48E-10	0.01	0.00	2.11E-05
599380_4133160	599380	4133160	2.24E-05	0.00E+00	1.84E-09	8.11E-09	9.01E-10	0.01	0.00	2.24E-05
599400_4133160	599400	4133160	2.41E-05	0.00E+00	1.98E-09	8.74E-09	9.70E-10	0.01	0.00	2.41E-05
599420_4133160	599420	4133160	2.81E-05	0.00E+00	2.30E-09	1.02E-08	1.13E-09	0.01	0.00	2.81E-05
599440_4133160	599440	4133160	3.27E-05	0.00E+00	2.68E-09	1.18E-08	1.31E-09	0.02	0.00	3.27E-05
599460_4133160	599460	4133160	3.82E-05	0.00E+00	3.13E-09	1.38E-08	1.54E-09	0.02	0.00	3.82E-05
599480_4133160	599480	4133160	4.60E-05	0.00E+00	3.77E-09	1.67E-08	1.85E-09	0.02	0.00	4.60E-05
599500_4133160	599500	4133160	5.85E-05	0.00E+00	4.79E-09	2.12E-08	2.35E-09	0.03	0.00	5.85E-05
599520_4133160	599520	4133160	7.83E-05	0.00E+00	6.42E-09	2.84E-08	3.15E-09	0.04	0.00	7.83E-05
599540_4133160	599540	4133160	9.80E-05	0.00E+00	8.03E-09	3.55E-08	3.94E-09	0.05	0.00	9.80E-05
599200_4133180	599200	4133180	1.54E-05	0.00E+00	1.26E-09	5.59E-09	6.21E-10	0.01	0.00	1.54E-05
599220_4133180	599220	4133180	1.57E-05	0.00E+00	1.29E-09	5.70E-09	6.33E-10	0.01	0.00	1.57E-05
599240_4133180	599240	4133180	1.64E-05	0.00E+00	1.35E-09	5.95E-09	6.61E-10	0.01	0.00	1.64E-05
599260_4133180	599260	4133180	1.73E-05	0.00E+00	1.41E-09	6.25E-09	6.94E-10	0.01	0.00	1.73E-05
599280_4133180	599280	4133180	1.77E-05	0.00E+00	1.45E-09	6.42E-09	7.13E-10	0.01	0.00	1.77E-05
599300_4133180	599300	4133180	1.89E-05	0.00E+00	1.55E-09	6.85E-09	7.61E-10	0.01	0.00	1.89E-05
599320_4133180	599320	4133180	2.03E-05	0.00E+00	1.66E-09	7.34E-09	8.15E-10	0.01	0.00	2.03E-05
599340_4133180	599340	4133180	2.11E-05	0.00E+00	1.73E-09	7.63E-09	8.47E-10	0.01	0.00	2.11E-05
599360_4133180	599360	4133180	2.23E-05	0.00E+00	1.82E-09	8.07E-09	8.95E-10	0.01	0.00	2.23E-05
599380_4133180	599380	4133180	2.37E-05	0.00E+00	1.94E-09	8.59E-09	9.53E-10	0.01	0.00	2.37E-05
599400_4133180	599400	4133180	2.60E-05	0.00E+00	2.13E-09	9.42E-09	1.05E-09	0.01	0.00	2.60E-05
599420_4133180	599420	4133180	2.97E-05	0.00E+00	2.43E-09	1.08E-08	1.19E-09	0.01	0.00	2.97E-05
599440_4133180	599440	4133180	3.56E-05	0.00E+00	2.92E-09	1.29E-08	1.43E-09	0.02	0.00	3.56E-05
599460_4133180	599460	4133180	4.21E-05	0.00E+00	3.45E-09	1.52E-08	1.69E-09	0.02	0.00	4.21E-05
599480_4133180	599480	4133180	5.23E-05	0.00E+00	4.29E-09	1.89E-08	2.10E-09	0.03	0.00	5.23E-05
599500_4133180	599500	4133180	7.03E-05	0.00E+00	5.76E-09	2.55E-08	2.83E-09	0.03	0.00	7.03E-05
599520_4133180	599520	4133180	9.26E-05	0.00E+00	7.58E-09	3.35E-08	3.72E-09	0.04	0.00	9.26E-05
599540_4133180	599540	4133180	1.15E-04	0.00E+00	9.39E-09	4.15E-08	4.61E-09	0.06	0.00	1.15E-04
599560_4133180	599560	4133180	1.35E-04	0.00E+00	1.11E-08	4.89E-08	5.42E-09	0.07	0.00	1.35E-04
599180_4133200	599180	4133200	1.58E-05	0.00E+00	1.29E-09	5.71E-09	6.34E-10	0.01	0.00	1.58E-05
599200_4133200	599200	4133200	1.59E-05	0.00E+00	1.30E-09	5.76E-09	6.40E-10	0.01	0.00	1.59E-05
599220_4133200	599220	4133200	1.66E-05	0.00E+00	1.36E-09	6.01E-09	6.68E-10	0.01	0.00	1.66E-05
599240_4133200	599240	4133200	1.71E-05	0.00E+00	1.40E-09	6.19E-09	6.88E-10	0.01	0.00	1.71E-05
599260_4133200	599260	4133200	1.82E-05	0.00E+00	1.49E-09	6.57E-09	7.30E-10	0.01	0.00	1.82E-05
599280_4133200	599280	4133200	1.87E-05	0.00E+00	1.53E-09	6.77E-09	7.52E-10	0.01	0.00	1.87E-05
599300_4133200	599300	4133200	1.98E-05	0.00E+00	1.62E-09	7.17E-09	7.96E-10	0.01	0.00	1.98E-05
599320_4133200	599320	4133200	2.12E-05	0.00E+00	1.74E-09	7.69E-09	8.54E-10	0.01	0.00	2.12E-05
599340_4133200	599340	4133200	2.24E-05	0.00E+00	1.83E-09	8.10E-09	8.99E-10	0.01	0.00	2.24E-05
599360_4133200	599360	4133200	2.37E-05	0.00E+00	1.95E-09	8.60E-09	9.55E-10	0.01	0.00	2.37E-05
599380_4133200	599380	4133200	2.53E-05	0.00E+00	2.07E-09	9.14E-09	1.02E-09	0.01	0.00	2.53E-05
599400_4133200	599400	4133200	2.78E-05	0.00E+00	2.28E-09	1.01E-08	1.12E-09	0.01	0.00	2.78E-05
599420_4133200	599420	4133200	3.22E-05	0.00E+00	2.64E-09	1.17E-08	1.29E-09	0.02	0.00	3.22E-05
599440_4133200	599440	4133200	3.88E-05	0.00E+00	3.18E-09	1.41E-08	1.56E-09	0.02	0.00	3.88E-05
599460_4133200	599460	4133200	4.72E-05	0.00E+00	3.87E-09	1.71E-08	1.90E-09	0.02	0.00	4.72E-05
599480_4133200	599480	4133200	6.18E-05	0.00E+00	5.06E-09	2.24E-08	2.49E-09	0.03	0.00	6.18E-05
599500_4133200	599500	4133200	8.48E-05	0.00E+00	6.94E-09	3.07E-08	3.41E-09	0.04	0.00	8.48E-05
599520_4133200	599520	4133200	1.09E-04	0.00E+00	8.95E-09	3.96E-08	4.39E-09	0.05	0.00	1.09E-04
599540_4133200	599540	4133200	1.35E-04	0.00E+00	1.10E-08	4.88E-08	5.41E-09	0.07	0.00	1.35E-04
599560_4133200	599560	4133200	1.53E-04	0.00E+00	1.25E-08	5.53E-08	6.14E-09	0.07	0.00	1.53E-04
599580_4133200	599580	4133200	1.62E-04	0.00E+00	1.33E-08	5.86E-08	6.51E-09	0.08	0.00	1.62E-04
599600_4133200	599600	4133200	1.68E-04	0.00E+00	1.37E-08	6.07E-08	6.74E-09	0.08	0.00	1.68E-04
599160_4133220	599160	4133220	1.59E-05	0.00E+00	1.31E-09	5.77E-09	6.41E-10	0.01	0.00	1.59E-05
599180_4133220	599180	4133220	1.65E-05	0.00E+00	1.35E-09	5.97E-09	6.63E-10	0.01	0.00	1.65E-05
599200_4133220	599200	4133220	1.70E-05	0.00E+00	1.39E-09	6.16E-09	6.84E-10	0.01	0.00	1.70E-05
599220_4133220	599220	4133220	1.74E-05	0.00E+00	1.42E-09	6.28E-09	6.98E-10	0.01	0.00	1.74E-05
599240_4133220	599240	4133220	1.81E-05	0.00E+00	1.48E-09	6.54E-09	7.26E-10	0.01	0.00	1.81E-05
599260_4133220	599260	4133220	1.89E-05	0.00E+00	1.55E-09	6.83E-09	7.58E-10	0.01	0.00	1.89E-05
599280_4133220	599280	4133220	2.00E-05	0.00E+00	1.64E-09	7.23E-09	8.03E-10	0.01	0.00	2.00E-05
599300_4133220	599300	4133220	2.09E-05	0.00E+00	1.72E-09	7.58E-09	8.42E-10	0.01	0.00	2.09E-05
599320_4133220	599320	4133220	2.24E-05	0.00E+00	1.84E-09	8.11E-09	9.01E-10	0.01	0.00	2.24E-05
599340_4133220	599340	4133220	2.38E-05	0.00E+00	1.95E-09	8.61E-09	9.56E-10	0.01	0.00	2.38E-05
599360_4133220	599360	4133220	2.55E-05	0.00E+00	2.08E-09	9.21E-09	1.02E-09	0.01	0.00	2.55E-05
599380_4133220	599380	4133220	2.74E-05	0.00E+00	2.24E-09	9.92E-09	1.10E-09	0.01	0.00	2.74E-05
599400_4133220	599400	4133220	2.99E-05	0.00E+00	2.45E-09	1.08E-08	1.20E-09	0.01	0.00	2.99E-05

599420_4133220	599420	4133220	3.54E-05	0.00E+00	2.90E-09	1.28E-08	1.42E-09	0.02	0.00	3.54E-05
599440_4133220	599440	4133220	4.26E-05	0.00E+00	3.49E-09	1.54E-08	1.71E-09	0.02	0.00	4.26E-05
599460_4133220	599460	4133220	5.37E-05	0.00E+00	4.40E-09	1.95E-08	2.16E-09	0.03	0.00	5.37E-05
599480_4133220	599480	4133220	7.41E-05	0.00E+00	6.07E-09	2.68E-08	2.98E-09	0.04	0.00	7.41E-05
599500_4133220	599500	4133220	1.01E-04	0.00E+00	8.25E-09	3.64E-08	4.05E-09	0.05	0.00	1.01E-04
599520_4133220	599520	4133220	1.31E-04	0.00E+00	1.07E-08	4.75E-08	5.27E-09	0.06	0.00	1.31E-04
599540_4133220	599540	4133220	1.55E-04	0.00E+00	1.27E-08	5.60E-08	6.22E-09	0.07	0.00	1.55E-04
599560_4133220	599560	4133220	1.74E-04	0.00E+00	1.42E-08	6.30E-08	6.99E-09	0.08	0.00	1.74E-04
599580_4133220	599580	4133220	1.81E-04	0.00E+00	1.48E-08	6.55E-08	7.28E-09	0.09	0.00	1.81E-04
599600_4133220	599600	4133220	1.78E-04	0.00E+00	1.46E-08	6.45E-08	7.17E-09	0.09	0.00	1.78E-04
599620_4133220	599620	4133220	1.82E-04	0.00E+00	1.49E-08	6.59E-08	7.31E-09	0.09	0.00	1.82E-04
599140_4133240	599140	4133240	1.61E-05	0.00E+00	1.32E-09	5.82E-09	6.46E-10	0.01	0.00	1.61E-05
599160_4133240	599160	4133240	1.66E-05	0.00E+00	1.36E-09	6.02E-09	6.68E-10	0.01	0.00	1.66E-05
599180_4133240	599180	4133240	1.73E-05	0.00E+00	1.41E-09	6.25E-09	6.94E-10	0.01	0.00	1.73E-05
599200_4133240	599200	4133240	1.80E-05	0.00E+00	1.47E-09	6.51E-09	7.23E-10	0.01	0.00	1.80E-05
599220_4133240	599220	4133240	1.85E-05	0.00E+00	1.51E-09	6.69E-09	7.43E-10	0.01	0.00	1.85E-05
599240_4133240	599240	4133240	1.91E-05	0.00E+00	1.57E-09	6.93E-09	7.69E-10	0.01	0.00	1.91E-05
599260_4133240	599260	4133240	2.01E-05	0.00E+00	1.65E-09	7.28E-09	8.08E-10	0.01	0.00	2.01E-05
599280_4133240	599280	4133240	2.12E-05	0.00E+00	1.74E-09	7.69E-09	8.54E-10	0.01	0.00	2.12E-05
599300_4133240	599300	4133240	2.22E-05	0.00E+00	1.82E-09	8.05E-09	8.94E-10	0.01	0.00	2.22E-05
599320_4133240	599320	4133240	2.38E-05	0.00E+00	1.95E-09	8.62E-09	9.57E-10	0.01	0.00	2.38E-05
599340_4133240	599340	4133240	2.56E-05	0.00E+00	2.10E-09	9.26E-09	1.03E-09	0.01	0.00	2.56E-05
599360_4133240	599360	4133240	2.74E-05	0.00E+00	2.24E-09	9.91E-09	1.10E-09	0.01	0.00	2.74E-05
599380_4133240	599380	4133240	2.96E-05	0.00E+00	2.42E-09	1.07E-08	1.19E-09	0.01	0.00	2.96E-05
599400_4133240	599400	4133240	3.29E-05	0.00E+00	2.69E-09	1.19E-08	1.32E-09	0.02	0.00	3.29E-05
599420_4133240	599420	4133240	3.91E-05	0.00E+00	3.20E-09	1.42E-08	1.57E-09	0.02	0.00	3.91E-05
599440_4133240	599440	4133240	4.80E-05	0.00E+00	3.93E-09	1.74E-08	1.93E-09	0.02	0.00	4.80E-05
599460_4133240	599460	4133240	6.35E-05	0.00E+00	5.20E-09	2.30E-08	2.55E-09	0.03	0.00	6.35E-05
599480_4133240	599480	4133240	9.23E-05	0.00E+00	7.56E-09	3.34E-08	3.71E-09	0.04	0.00	9.23E-05
599500_4133240	599500	4133240	1.24E-04	0.00E+00	1.01E-08	4.47E-08	4.97E-09	0.06	0.00	1.24E-04
599520_4133240	599520	4133240	1.57E-04	0.00E+00	1.29E-08	5.68E-08	6.31E-09	0.08	0.00	1.57E-04
599540_4133240	599540	4133240	1.81E-04	0.00E+00	1.49E-08	6.57E-08	7.29E-09	0.09	0.00	1.81E-04
599560_4133240	599560	4133240	1.94E-04	0.00E+00	1.59E-08	7.03E-08	7.81E-09	0.09	0.00	1.94E-04
599580_4133240	599580	4133240	1.95E-04	0.00E+00	1.60E-08	7.06E-08	7.84E-09	0.09	0.00	1.95E-04
599600_4133240	599600	4133240	1.97E-04	0.00E+00	1.61E-08	7.14E-08	7.92E-09	0.10	0.00	1.97E-04
599620_4133240	599620	4133240	1.95E-04	0.00E+00	1.60E-08	7.07E-08	7.85E-09	0.09	0.00	1.95E-04
599640_4133240	599640	4133240	1.89E-04	0.00E+00	1.55E-08	6.86E-08	7.61E-09	0.09	0.00	1.89E-04
599120_4133260	599120	4133260	1.65E-05	0.00E+00	1.35E-09	5.96E-09	6.62E-10	0.01	0.00	1.65E-05
599140_4133260	599140	4133260	1.69E-05	0.00E+00	1.38E-09	6.11E-09	6.79E-10	0.01	0.00	1.69E-05
599160_4133260	599160	4133260	1.75E-05	0.00E+00	1.43E-09	6.33E-09	7.03E-10	0.01	0.00	1.75E-05
599180_4133260	599180	4133260	1.81E-05	0.00E+00	1.48E-09	6.54E-09	7.27E-10	0.01	0.00	1.81E-05
599200_4133260	599200	4133260	1.90E-05	0.00E+00	1.56E-09	6.88E-09	7.64E-10	0.01	0.00	1.90E-05
599220_4133260	599220	4133260	1.98E-05	0.00E+00	1.62E-09	7.16E-09	7.95E-10	0.01	0.00	1.98E-05
599240_4133260	599240	4133260	2.06E-05	0.00E+00	1.69E-09	7.48E-09	8.30E-10	0.01	0.00	2.06E-05
599260_4133260	599260	4133260	2.14E-05	0.00E+00	1.75E-09	7.75E-09	8.61E-10	0.01	0.00	2.14E-05
599280_4133260	599280	4133260	2.25E-05	0.00E+00	1.85E-09	8.16E-09	9.06E-10	0.01	0.00	2.25E-05
599300_4133260	599300	4133260	2.40E-05	0.00E+00	1.96E-09	8.68E-09	9.64E-10	0.01	0.00	2.40E-05
599320_4133260	599320	4133260	2.57E-05	0.00E+00	2.11E-09	9.31E-09	1.03E-09	0.01	0.00	2.57E-05
599340_4133260	599340	4133260	2.78E-05	0.00E+00	2.28E-09	1.01E-08	1.12E-09	0.01	0.00	2.78E-05
599360_4133260	599360	4133260	2.98E-05	0.00E+00	2.44E-09	1.08E-08	1.20E-09	0.01	0.00	2.98E-05
599380_4133260	599380	4133260	3.25E-05	0.00E+00	2.66E-09	1.18E-08	1.30E-09	0.02	0.00	3.25E-05
599400_4133260	599400	4133260	3.61E-05	0.00E+00	2.96E-09	1.31E-08	1.45E-09	0.02	0.00	3.61E-05
599420_4133260	599420	4133260	4.36E-05	0.00E+00	3.57E-09	1.58E-08	1.75E-09	0.02	0.00	4.36E-05
599440_4133260	599440	4133260	5.55E-05	0.00E+00	4.55E-09	2.01E-08	2.23E-09	0.03	0.00	5.55E-05
599460_4133260	599460	4133260	7.82E-05	0.00E+00	6.40E-09	2.83E-08	3.14E-09	0.04	0.00	7.82E-05
599480_4133260	599480	4133260	1.13E-04	0.00E+00	9.29E-09	4.10E-08	4.56E-09	0.05	0.00	1.13E-04
599500_4133260	599500	4133260	1.53E-04	0.00E+00	1.25E-08	5.52E-08	6.13E-09	0.07	0.00	1.53E-04
599520_4133260	599520	4133260	1.84E-04	0.00E+00	1.51E-08	6.67E-08	7.41E-09	0.09	0.00	1.84E-04
599540_4133260	599540	4133260	2.07E-04	0.00E+00	1.69E-08	7.48E-08	8.31E-09	0.10	0.00	2.07E-04
599560_4133260	599560	4133260	2.09E-04	0.00E+00	1.71E-08	7.55E-08	8.39E-09	0.10	0.00	2.09E-04
599580_4133260	599580	4133260	2.17E-04	0.00E+00	1.77E-08	7.84E-08	8.70E-09	0.10	0.00	2.17E-04
599600_4133260	599600	4133260	2.12E-04	0.00E+00	1.74E-08	7.68E-08	8.52E-09	0.10	0.00	2.12E-04
599620_4133260	599620	4133260	2.05E-04	0.00E+00	1.68E-08	7.44E-08	8.26E-09	0.10	0.00	2.05E-04
599640_4133260	599640	4133260	1.99E-04	0.00E+00	1.63E-08	7.19E-08	7.98E-09	0.10	0.00	1.99E-04
599120_4133280	599120	4133280	1.76E-05	0.00E+00	1.44E-09	6.37E-09	7.07E-10	0.01	0.00	1.76E-05
599140_4133280	599140	4133280	1.79E-05	0.00E+00	1.47E-09	6.49E-09	7.20E-10	0.01	0.00	1.79E-05
599160_4133280	599160	4133280	1.85E-05	0.00E+00	1.51E-09	6.69E-09	7.43E-10	0.01	0.00	1.85E-05
599180_4133280	599180	4133280	1.92E-05	0.00E+00	1.57E-09	6.95E-09	7.72E-10	0.01	0.00	1.92E-05
599200_4133280	599200	4133280	1.98E-05	0.00E+00	1.62E-09	7.18E-09	7.97E-10	0.01	0.00	1.98E-05
599220_4133280	599220	4133280	2.11E-05	0.00E+00	1.73E-09	7.63E-09	8.47E-10	0.01	0.00	2.11E-05
599240_4133280	599240	4133280	2.23E-05	0.00E+00	1.83E-09	8.07E-09	8.96E-10	0.01	0.00	2.23E-05
599260_4133280	599260	4133280	2.32E-05	0.00E+00	1.90E-09	8.39E-09	9.31E-10	0.01	0.00	2.32E-05
599280_4133280	599280	4133280	2.44E-05	0.00E+00	2.00E-09	8.82E-09	9.80E-10	0.01	0.00	2.44E-05
599300_4133280	599300	4133280	2.60E-05	0.00E+00	2.13E-09	9.43E-09	1.05E-09	0.01	0.00	2.60E-05
599320_4133280	599320	4133280	2.81E-05	0.00E+00	2.30E-09	1.02E-08	1.13E-09	0.01	0.00	2.81E-05
599340_4133280	599340	4133280	3.08E-05	0.00E+00	2.53E-09	1.12E-08	1.24E-09	0.01	0.00	3.08E-05
599360_4133280	599360	4133280	3.30E-05	0.00E+00	2.71E-09	1.20E-08	1.33E-09	0.02	0.00	3.30E-05
599380_4133280	599380	4133280	3.64E-05	0.00E+00	2.98E-09	1.32E-08	1.46E-09	0.02	0.00	3.64E-05
599400_4133280	599400	4133280	4.09E-05	0.00E+00	3.35E-09	1.48E-08	1.65E-09	0.02	0.00	4.09E-05
599420_4133280	599420	4133280	5.06E-05	0.00E+00	4.14E-09	1.83E-08	2.03E-09	0.02	0.00	5.06E-05
599440_4133280	599440	4133280	6.62E-05	0.00E+00	5.42E-09	2.40E-08	2.66E-09	0.03	0.00	6.62E-05
599460_4133280	599460	4133280	1.00E-04	0.00E+00	8.23E-09	3.64E-08	4.04E-09	0.05	0.00	1.00E-04
599480_4133280	599480	4133280	1.44E-04	0.00E+00	1.18E-08	5.21E-08	5.79E-09	0.07	0.00	1.44E-04
599500_4133280	599500	4133280	1.87E-04	0.00E+00	1.53E-08	6.76E-08	7.51E-09	0.09	0.00	1.87E-04
599520_4133280	599520	4133280	2.19E-04	0.00E+00	1.80E-08	7.94E-08	8.82E-09	0.11	0.00	2.19E-04
599540_4133280	599540	4133280	2.33E-04	0.00E+00	1.91E-08	8.43E-08	9.36E-09	0.11	0.00	2.33E-04
599560_4133280	599560	4133280	2.33E-04	0.00E+00	1.91E-08	8.43E-08	9.36E-09	0.11	0.00	2.33E-04
599580_4133280	599580	4133280	2.32E-04	0.00E+00	1.90E-08	8.39E-08	9.32E-09	0.11	0.00	2.32E-04
599600_4133280	599600	4133280	2.30E-04	0.00E+00	1.88E-08	8.32E-08	9.24E-09	0.11	0.00	2.30E-04
599620_4133280	599620	4133280	2.16E-04	0.00E+00	1.77E-08	7.83E-08	8.69E-09	0.10	0.00	2.16E-04
599640_4133280	599640	4133280	2.20E-04	0.00E+00	1.80E-08	7.96E-08	8.84E-09	0.11	0.00	2.20E-04
599660_4133280	599660	4133280	2.12E-04	0.00E+00	1.74E-08	7.67E-08	8.52E-09	0.10	0.00	2.12E-04
599100_4133300	599100	4133300	1.90E-05	0.00E+00	1.56E-09	6.88E-09	7.64E-10	0.01	0.00	1.90E-05
599120_4133300	599120	4133300	1.89E-05	0.00E+00	1.55E-09	6.85E-09	7.60E-10	0.01	0.00	1.89E-05
599140_4133300	599140	4133300	1.91E-05	0.00E+00	1.57E-09	6.92E-09	7.69E-10	0.01	0.00	1.91E-05
599160_4133300	599160	4133300	1.99E-05	0.00E+00	1.63E-09	7.20E-09	8.00E-10	0.01	0.00	1.99E-05
599180_4133300	599180	4133300	2.06E-05	0.00E+00	1.69E-09	7.45E-09	8.27E-10	0.01	0.00	2.06E-05
599200_4133300	599200	4133300	2.15E-05	0.00E+00	1.76E-09	7.77E-09	8.63E-10	0.01	0.00	2.15E-05
599220_4133300	599220	4133300	2.25E-05	0.00E+00	1.84E-09	8.13E-09	9.03E-10	0.01	0.00	2.25E-05
599240_4133300	599240	4133300	2.38E-05	0.00E+00	1.95E-09	8.63E-09	9.59E-10	0.01	0.00	2.38E-05
599260_4133300	599260	4133300	2.53E-05	0.00E+00	2.07E-09	9.16E-09	1.02E-09	0.01	0.00	2.53E-05
599280_4133300	599280	4133300	2.69E-05	0.00E+00	2.20E-09	9.72E-09	1.08E-09	0.01	0.00	2.69E-05
599300_4133300	599300	4133300	2.87E-05	0.00E+00	2.35E-09	1.04E-08	1.15E-09	0.01	0.00	2.87E-05
599320_4133300	599320	4133300	3.09E-05	0.00E+00	2.53E-09	1.12E-08	1.24E-09	0.01	0.00	3.09E-05
599340_4133300	599340	4133300	3.41E-05	0.00E+00	2.79E-09	1.23E-08	1.37E-09	0.02	0.00	3.41E-05
599360_4133300	599360	4133300	3.68E-05	0.00E+00	3.01E-09	1.33E-08	1.48E-09	0.02	0.00	3.68E-05
599380_4133300	599380	4133300	4.11E-05	0.00E+00	3.36E-09	1.49E-08	1.65E-09	0.02	0.00	4.11E-05
599400_4133300	599400	4133300	4.65E-05	0.00E+00	3.81E-09	1.68E-08	1.87E-09	0.02	0.00	4.65E-05
599420_4133300	599420	4133300	5.88E-05	0.00E+00	4.81E-09	2.13E-08	2.36E-09	0.03	0.00	5.88E-05
599440_4133300	599440	4133300	8.37E-05	0.00E+00	6.86E-09	3.03E-08	3.37E-09	0.04	0.00	8.37E-05
599460_4133300	599460	4133300	1.31E-04	0.00E+00	1.08E-08	4.76E-08	5.28E-09	0.06	0.00	1.31E-04
599480_4133300	599480	4133300	1.84E-04	0.00E+00	1.51E-08	6.66E-08	7.40E-09	0.09	0.00	1.84E-04
599500_4133300	599500	4133300	2.26E-04	0.00E+00	1.85E-08	8.19E-08	9.10E-09	0.11	0.00	2.26E-04
599520_4133300	599520	4133300	2.54E-04	0.00E+00	2.08E-08	9.20E-08	1.02E-08	0.12	0.00	2.54E-04
599540_4133300	599540	4133300	2.59E-04	0.00E+00	2.12E-08	9.39E-08	1.04E-08	0.13	0.00	2.59E-04
599560_4133300	599560	4133300	2.58E-04	0.00E+00	2.12E-08	9.36E-08	1.04E-08	0.13	0.00	2.58E-04
599580_4133300	599580	4133300	2.50E-04	0.00E+00	2.04E-08	9.04E-08	1.00E-08	0.12	0.00	2.50E-04
599600_4133300	599600	4133300	2.48E-04	0.00E+00	2.03E-08	8.98E-08	9.97E-09	0.12	0.00	2.48E-04
599620_4133300	599620	4133300	2.45E-04	0.00E+00	2.01E-08	8.87E-08	9.84E-09	0.12	0.00	2.45E-04
599640_4133300	599640	4133300	2.36E-04	0.00E+00	1.93E-08	8.55E-08	9.49E-09	0.11	0.00	2.36E-04
599660_4133300	599660	4133300	2.37E-04	0.00E+00	1.94E-08	8.58E-08	9.52E-09	0.11	0.00	2.37E-04

599680_4133300	599680	4133300	2.21E-04	0.00E+00	1.81E-08	8.00E-08	8.88E-09	0.11	0.00	2.21E-04
599100_4133320	599100	4133320	2.03E-05	0.00E+00	1.66E-09	7.35E-09	8.16E-10	0.01	0.00	2.03E-05
599120_4133320	599120	4133320	2.06E-05	0.00E+00	1.69E-09	7.47E-09	8.30E-10	0.01	0.00	2.06E-05
599140_4133320	599140	4133320	2.11E-05	0.00E+00	1.73E-09	7.65E-09	8.50E-10	0.01	0.00	2.11E-05
599160_4133320	599160	4133320	2.16E-05	0.00E+00	1.77E-09	7.82E-09	8.68E-10	0.01	0.00	2.16E-05
599180_4133320	599180	4133320	2.22E-05	0.00E+00	1.82E-09	8.02E-09	8.91E-10	0.01	0.00	2.22E-05
599200_4133320	599200	4133320	2.31E-05	0.00E+00	1.89E-09	8.37E-09	9.30E-10	0.01	0.00	2.31E-05
599220_4133320	599220	4133320	2.44E-05	0.00E+00	2.00E-09	8.84E-09	9.82E-10	0.01	0.00	2.44E-05
599240_4133320	599240	4133320	2.59E-05	0.00E+00	2.12E-09	9.37E-09	1.04E-09	0.01	0.00	2.59E-05
599260_4133320	599260	4133320	2.76E-05	0.00E+00	2.26E-09	1.00E-08	1.11E-09	0.01	0.00	2.76E-05
599280_4133320	599280	4133320	2.98E-05	0.00E+00	2.44E-09	1.08E-08	1.20E-09	0.01	0.00	2.98E-05
599300_4133320	599300	4133320	3.21E-05	0.00E+00	2.63E-09	1.16E-08	1.29E-09	0.02	0.00	3.21E-05
599340_4133320	599340	4133320	3.84E-05	0.00E+00	3.14E-09	1.39E-08	1.54E-09	0.02	0.00	3.84E-05
599360_4133320	599360	4133320	4.20E-05	0.00E+00	3.44E-09	1.52E-08	1.69E-09	0.02	0.00	4.20E-05
599380_4133320	599380	4133320	4.70E-05	0.00E+00	3.85E-09	1.70E-08	1.89E-09	0.02	0.00	4.70E-05
599400_4133320	599400	4133320	5.46E-05	0.00E+00	4.47E-09	1.98E-08	2.19E-09	0.03	0.00	5.46E-05
599420_4133320	599420	4133320	7.10E-05	0.00E+00	5.81E-09	2.57E-08	2.85E-09	0.03	0.00	7.10E-05
599440_4133320	599440	4133320	1.11E-04	0.00E+00	9.07E-09	4.01E-08	4.45E-09	0.05	0.00	1.11E-04
599460_4133320	599460	4133320	1.74E-04	0.00E+00	1.42E-08	6.28E-08	6.98E-09	0.08	0.00	1.74E-04
599480_4133320	599480	4133320	2.35E-04	0.00E+00	1.92E-08	8.50E-08	9.44E-09	0.11	0.00	2.35E-04
599500_4133320	599500	4133320	2.77E-04	0.00E+00	2.27E-08	1.00E-07	1.11E-08	0.13	0.00	2.77E-04
599520_4133320	599520	4133320	2.85E-04	0.00E+00	2.34E-08	1.03E-07	1.15E-08	0.14	0.00	2.85E-04
599540_4133320	599540	4133320	2.91E-04	0.00E+00	2.38E-08	1.05E-07	1.17E-08	0.14	0.00	2.91E-04
599560_4133320	599560	4133320	2.84E-04	0.00E+00	2.33E-08	1.03E-07	1.14E-08	0.14	0.00	2.84E-04
599580_4133320	599580	4133320	2.84E-04	0.00E+00	2.33E-08	1.03E-07	1.14E-08	0.14	0.00	2.84E-04
599600_4133320	599600	4133320	2.76E-04	0.00E+00	2.26E-08	9.99E-08	1.11E-08	0.13	0.00	2.76E-04
599620_4133320	599620	4133320	2.66E-04	0.00E+00	2.18E-08	9.62E-08	1.07E-08	0.13	0.00	2.66E-04
599640_4133320	599640	4133320	2.60E-04	0.00E+00	2.13E-08	9.42E-08	1.05E-08	0.13	0.00	2.60E-04
599660_4133320	599660	4133320	2.60E-04	0.00E+00	2.13E-08	9.41E-08	1.05E-08	0.13	0.00	2.60E-04
599680_4133320	599680	4133320	2.43E-04	0.00E+00	1.99E-08	8.80E-08	9.77E-09	0.12	0.00	2.43E-04
599080_4133340	599080	4133340	2.19E-05	0.00E+00	1.79E-09	7.93E-09	8.80E-10	0.01	0.00	2.19E-05
599100_4133340	599100	4133340	2.27E-05	0.00E+00	1.86E-09	8.23E-09	9.14E-10	0.01	0.00	2.27E-05
599120_4133340	599120	4133340	2.33E-05	0.00E+00	1.91E-09	8.44E-09	9.38E-10	0.01	0.00	2.33E-05
599140_4133340	599140	4133340	2.31E-05	0.00E+00	1.89E-09	8.37E-09	9.30E-10	0.01	0.00	2.31E-05
599160_4133340	599160	4133340	2.35E-05	0.00E+00	1.93E-09	8.52E-09	9.46E-10	0.01	0.00	2.35E-05
599180_4133340	599180	4133340	2.47E-05	0.00E+00	2.02E-09	8.95E-09	9.93E-10	0.01	0.00	2.47E-05
599200_4133340	599200	4133340	2.57E-05	0.00E+00	2.11E-09	9.31E-09	1.03E-09	0.01	0.00	2.57E-05
599220_4133340	599220	4133340	2.70E-05	0.00E+00	2.21E-09	9.78E-09	1.09E-09	0.01	0.00	2.70E-05
599240_4133340	599240	4133340	2.87E-05	0.00E+00	2.35E-09	1.04E-08	1.15E-09	0.01	0.00	2.87E-05
599260_4133340	599260	4133340	3.08E-05	0.00E+00	2.53E-09	1.12E-08	1.24E-09	0.01	0.00	3.08E-05
599280_4133340	599280	4133340	3.34E-05	0.00E+00	2.74E-09	1.21E-08	1.34E-09	0.02	0.00	3.34E-05
599360_4133340	599360	4133340	4.84E-05	0.00E+00	3.97E-09	1.75E-08	1.95E-09	0.02	0.00	4.84E-05
599420_4133340	599420	4133340	9.16E-05	0.00E+00	7.50E-09	3.32E-08	3.68E-09	0.04	0.00	9.16E-05
599440_4133340	599440	4133340	1.57E-04	0.00E+00	1.29E-08	5.69E-08	6.31E-09	0.08	0.00	1.57E-04
599460_4133340	599460	4133340	2.34E-04	0.00E+00	1.92E-08	8.48E-08	9.42E-09	0.11	0.00	2.34E-04
599480_4133340	599480	4133340	2.98E-04	0.00E+00	2.44E-08	1.08E-07	1.20E-08	0.14	0.00	2.98E-04
599500_4133340	599500	4133340	3.25E-04	0.00E+00	2.66E-08	1.18E-07	1.31E-08	0.16	0.00	3.25E-04
599520_4133340	599520	4133340	3.39E-04	0.00E+00	2.78E-08	1.23E-07	1.36E-08	0.16	0.00	3.39E-04
599540_4133340	599540	4133340	3.31E-04	0.00E+00	2.71E-08	1.20E-07	1.33E-08	0.16	0.00	3.31E-04
599560_4133340	599560	4133340	3.39E-04	0.00E+00	2.78E-08	1.23E-07	1.36E-08	0.16	0.00	3.39E-04
599580_4133340	599580	4133340	3.21E-04	0.00E+00	2.63E-08	1.16E-07	1.29E-08	0.16	0.00	3.21E-04
599600_4133340	599600	4133340	3.12E-04	0.00E+00	2.56E-08	1.13E-07	1.26E-08	0.15	0.00	3.12E-04
599620_4133340	599620	4133340	3.09E-04	0.00E+00	2.53E-08	1.12E-07	1.24E-08	0.15	0.00	3.09E-04
599640_4133340	599640	4133340	2.89E-04	0.00E+00	2.37E-08	1.05E-07	1.16E-08	0.14	0.00	2.89E-04
599660_4133340	599660	4133340	2.70E-04	0.00E+00	2.21E-08	9.76E-08	1.08E-08	0.13	0.00	2.70E-04
599680_4133340	599680	4133340	2.46E-04	0.00E+00	2.01E-08	8.90E-08	9.88E-09	0.12	0.00	2.46E-04
599080_4133360	599080	4133360	2.44E-05	0.00E+00	2.00E-09	8.83E-09	9.80E-10	0.01	0.00	2.44E-05
599100_4133360	599100	4133360	2.51E-05	0.00E+00	2.06E-09	9.09E-09	1.01E-09	0.01	0.00	2.51E-05
599120_4133360	599120	4133360	2.56E-05	0.00E+00	2.10E-09	9.28E-09	1.03E-09	0.01	0.00	2.56E-05
599140_4133360	599140	4133360	2.63E-05	0.00E+00	2.15E-09	9.51E-09	1.06E-09	0.01	0.00	2.63E-05
599160_4133360	599160	4133360	2.70E-05	0.00E+00	2.21E-09	9.78E-09	1.09E-09	0.01	0.00	2.70E-05
599180_4133360	599180	4133360	2.82E-05	0.00E+00	2.31E-09	1.02E-08	1.13E-09	0.01	0.00	2.82E-05
599200_4133360	599200	4133360	2.91E-05	0.00E+00	2.39E-09	1.06E-08	1.17E-09	0.01	0.00	2.91E-05
599220_4133360	599220	4133360	3.05E-05	0.00E+00	2.50E-09	1.10E-08	1.23E-09	0.01	0.00	3.05E-05
599240_4133360	599240	4133360	3.27E-05	0.00E+00	2.68E-09	1.18E-08	1.31E-09	0.02	0.00	3.27E-05
599420_4133360	599420	4133360	1.26E-04	0.00E+00	1.03E-08	4.57E-08	5.08E-09	0.06	0.00	1.26E-04
599440_4133360	599440	4133360	2.22E-04	0.00E+00	1.81E-08	8.02E-08	8.90E-09	0.11	0.00	2.22E-04
599460_4133360	599460	4133360	3.14E-04	0.00E+00	2.57E-08	1.14E-07	1.26E-08	0.15	0.00	3.14E-04
599480_4133360	599480	4133360	3.71E-04	0.00E+00	3.04E-08	1.34E-07	1.49E-08	0.18	0.00	3.71E-04
599500_4133360	599500	4133360	3.99E-04	0.00E+00	3.27E-08	1.45E-07	1.61E-08	0.19	0.00	3.99E-04
599520_4133360	599520	4133360	4.09E-04	0.00E+00	3.35E-08	1.48E-07	1.65E-08	0.20	0.00	4.09E-04
599540_4133360	599540	4133360	4.01E-04	0.00E+00	3.28E-08	1.45E-07	1.61E-08	0.19	0.00	4.01E-04
599560_4133360	599560	4133360	3.84E-04	0.00E+00	3.15E-08	1.39E-07	1.54E-08	0.19	0.00	3.84E-04
599580_4133360	599580	4133360	3.77E-04	0.00E+00	3.09E-08	1.37E-07	1.52E-08	0.18	0.00	3.77E-04
599600_4133360	599600	4133360	3.61E-04	0.00E+00	2.96E-08	1.31E-07	1.45E-08	0.17	0.00	3.61E-04
599620_4133360	599620	4133360	3.25E-04	0.00E+00	2.66E-08	1.18E-07	1.31E-08	0.16	0.00	3.25E-04
599640_4133360	599640	4133360	2.91E-04	0.00E+00	2.38E-08	1.05E-07	1.17E-08	0.14	0.00	2.91E-04
599660_4133360	599660	4133360	2.59E-04	0.00E+00	2.12E-08	9.39E-08	1.04E-08	0.13	0.00	2.59E-04
599680_4133360	599680	4133360	2.31E-04	0.00E+00	1.89E-08	8.36E-08	9.28E-09	0.11	0.00	2.31E-04
599700_4133360	599700	4133360	2.01E-04	0.00E+00	1.64E-08	7.26E-08	8.07E-09	0.10	0.00	2.01E-04
599080_4133380	599080	4133380	2.77E-05	0.00E+00	2.27E-09	1.00E-08	1.11E-09	0.01	0.00	2.77E-05
599100_4133380	599100	4133380	2.81E-05	0.00E+00	2.30E-09	1.02E-08	1.13E-09	0.01	0.00	2.81E-05
599120_4133380	599120	4133380	2.88E-05	0.00E+00	2.36E-09	1.04E-08	1.16E-09	0.01	0.00	2.88E-05
599140_4133380	599140	4133380	2.96E-05	0.00E+00	2.43E-09	1.07E-08	1.19E-09	0.01	0.00	2.96E-05
599160_4133380	599160	4133380	3.10E-05	0.00E+00	2.54E-09	1.12E-08	1.25E-09	0.02	0.00	3.10E-05
599180_4133380	599180	4133380	3.21E-05	0.00E+00	2.63E-09	1.16E-08	1.29E-09	0.02	0.00	3.21E-05
599200_4133380	599200	4133380	3.32E-05	0.00E+00	2.72E-09	1.20E-08	1.33E-09	0.02	0.00	3.32E-05
599220_4133380	599220	4133380	3.49E-05	0.00E+00	2.86E-09	1.26E-08	1.40E-09	0.02	0.00	3.49E-05
599440_4133380	599440	4133380	3.24E-04	0.00E+00	2.66E-08	1.17E-07	1.30E-08	0.16	0.00	3.24E-04
599460_4133380	599460	4133380	4.25E-04	0.00E+00	3.48E-08	1.54E-07	1.71E-08	0.21	0.00	4.25E-04
599480_4133380	599480	4133380	4.79E-04	0.00E+00	3.92E-08	1.73E-07	1.92E-08	0.23	0.00	4.79E-04
599500_4133380	599500	4133380	5.02E-04	0.00E+00	4.11E-08	1.82E-07	2.02E-08	0.24	0.00	5.02E-04
599520_4133380	599520	4133380	4.94E-04	0.00E+00	4.05E-08	1.79E-07	1.99E-08	0.24	0.00	4.94E-04
599540_4133380	599540	4133380	4.99E-04	0.00E+00	4.09E-08	1.81E-07	2.01E-08	0.24	0.00	4.99E-04
599560_4133380	599560	4133380	4.52E-04	0.00E+00	3.70E-08	1.64E-07	1.82E-08	0.22	0.00	4.52E-04
599580_4133380	599580	4133380	4.13E-04	0.00E+00	3.38E-08	1.50E-07	1.66E-08	0.20	0.00	4.13E-04
599600_4133380	599600	4133380	3.62E-04	0.00E+00	2.96E-08	1.31E-07	1.45E-08	0.18	0.00	3.62E-04
599620_4133380	599620	4133380	3.15E-04	0.00E+00	2.58E-08	1.14E-07	1.27E-08	0.15	0.00	3.15E-04
599640_4133380	599640	4133380	2.74E-04	0.00E+00	2.24E-08	9.92E-08	1.10E-08	0.13	0.00	2.74E-04
599660_4133380	599660	4133380	2.36E-04	0.00E+00	1.93E-08	8.53E-08	9.48E-09	0.11	0.00	2.36E-04
599680_4133380	599680	4133380	2.01E-04	0.00E+00	1.64E-08	7.27E-08	8.07E-09	0.10	0.00	2.01E-04
599700_4133380	599700	4133380	1.70E-04	0.00E+00	1.39E-08	6.14E-08	6.81E-09	0.08	0.00	1.70E-04
599060_4133400	599060	4133400	3.01E-05	0.00E+00	2.46E-09	1.09E-08	1.21E-09	0.01	0.00	3.01E-05
599080_4133400	599080	4133400	3.10E-05	0.00E+00	2.54E-09	1.12E-08	1.25E-09	0.02	0.00	3.10E-05
599100_4133400	599100	4133400	3.18E-05	0.00E+00	2.60E-09	1.15E-08	1.28E-09	0.02	0.00	3.18E-05
599120_4133400	599120	4133400	3.24E-05	0.00E+00	2.65E-09	1.17E-08	1.30E-09	0.02	0.00	3.24E-05
599140_4133400	599140	4133400	3.38E-05	0.00E+00	2.76E-09	1.22E-08	1.36E-09	0.02	0.00	3.38E-05
599160_4133400	599160	4133400	3.50E-05	0.00E+00	2.86E-09	1.27E-08	1.41E-09	0.02	0.00	3.50E-05
599180_4133400	599180	4133400	3.66E-05	0.00E+00	3.00E-09	1.33E-08	1.47E-09	0.02	0.00	3.66E-05
599200_4133400	599200	4133400	3.84E-05	0.00E+00	3.15E-09	1.39E-08	1.55E-09	0.02	0.00	3.84E-05
599220_4133400	599220	4133400	4.07E-05	0.00E+00	3.34E-09	1.47E-08	1.64E-09	0.02	0.00	4.07E-05
599480_4133400	599480	4133400	6.66E-04	0.00E+00	5.46E-08	2.41E-07	2.68E-08	0.32	0.00	6.66E-04
599500_4133400	599500	4133400	6.72E-04	0.00E+00	5.50E-08	2.43E-07	2.70E-08	0.33	0.00	6.72E-04
599520_4133400	599520	4133400	6.19E-04	0.00E+00	5.07E-08	2.24E-07	2.49E-08	0.30	0.00	6.19E-04
599540_4133400	599540	4133400	5.44E-04	0.00E+00	4.45E-08	1.97E-07	2.18E-08	0.26	0.00	5.44E-04
599560_4133400	599560	4133400	4.75E-04	0.00E+00	3.89E-08	1.72E-07	1.91E-08	0.23	0.00	4.75E-04
599580_4133400	599580	4133400	3.97E-04	0.00E+00	3.26E-08	1.44E-07	1.60E-08	0.19	0.00	3.97E-04
599600_4133400	599600	4133400	3.35E-04	0.00E+00	2.74E-08	1.21E-07	1.35E-08	0.16	0.00	3.35E-04
599620_4133400	599620	4133400	2.84E-04	0.00E+00	2.32E-08	1.03E-07	1.14E-08	0.14	0.00	2.84E-04
599640_4133400	599640	4133400	2.29E-04	0.00E+00	1.87E-08	8.27E-08	9.19E-09	0.11	0.00	2.29E-04
599660_4133400	599660	4133400	1.89E-04	0.00E+00	1.55E-08	6.85E-08	7.60E-09	0.09	0.00	1.89E-04

599680_4133400	599680	4133400	1.56E-04	0.00E+00	1.28E-08	5.66E-08	6.29E-09	0.08	0.00	1.56E-04
599700_4133400	599700	4133400	1.35E-04	0.00E+00	1.11E-08	4.91E-08	5.45E-09	0.07	0.00	1.35E-04
599060_4133420	599060	4133420	3.19E-05	0.00E+00	2.62E-09	1.16E-08	1.28E-09	0.02	0.00	3.19E-05
599080_4133420	599080	4133420	3.30E-05	0.00E+00	2.70E-09	1.19E-08	1.33E-09	0.02	0.00	3.30E-05
599100_4133420	599100	4133420	3.46E-05	0.00E+00	2.83E-09	1.25E-08	1.39E-09	0.02	0.00	3.46E-05
599120_4133420	599120	4133420	3.61E-05	0.00E+00	2.96E-09	1.31E-08	1.45E-09	0.02	0.00	3.61E-05
599140_4133420	599140	4133420	3.81E-05	0.00E+00	3.12E-09	1.38E-08	1.53E-09	0.02	0.00	3.81E-05
599160_4133420	599160	4133420	3.93E-05	0.00E+00	3.21E-09	1.42E-08	1.58E-09	0.02	0.00	3.93E-05
599180_4133420	599180	4133420	4.15E-05	0.00E+00	3.40E-09	1.50E-08	1.67E-09	0.02	0.00	4.15E-05
599200_4133420	599200	4133420	4.44E-05	0.00E+00	3.64E-09	1.61E-08	1.78E-09	0.02	0.00	4.44E-05
599220_4133420	599220	4133420	4.81E-05	0.00E+00	3.94E-09	1.74E-08	1.94E-09	0.02	0.00	4.81E-05
599240_4133420	599240	4133420	5.22E-05	0.00E+00	4.28E-09	1.89E-08	2.10E-09	0.03	0.00	5.22E-05
599500_4133420	599500	4133420	7.81E-04	0.00E+00	6.39E-08	2.83E-07	3.14E-08	0.38	0.00	7.81E-04
599520_4133420	599520	4133420	6.47E-04	0.00E+00	5.30E-08	2.34E-07	2.60E-08	0.31	0.00	6.47E-04
599540_4133420	599540	4133420	5.33E-04	0.00E+00	4.37E-08	1.93E-07	2.14E-08	0.26	0.00	5.33E-04
599560_4133420	599560	4133420	4.31E-04	0.00E+00	3.53E-08	1.56E-07	1.73E-08	0.21	0.00	4.31E-04
599580_4133420	599580	4133420	3.50E-04	0.00E+00	2.87E-08	1.27E-07	1.41E-08	0.17	0.00	3.50E-04
599600_4133420	599600	4133420	2.80E-04	0.00E+00	2.29E-08	1.01E-07	1.12E-08	0.14	0.00	2.80E-04
599620_4133420	599620	4133420	2.19E-04	0.00E+00	1.79E-08	7.93E-08	8.81E-09	0.11	0.00	2.19E-04
599640_4133420	599640	4133420	1.77E-04	0.00E+00	1.45E-08	6.41E-08	7.12E-09	0.09	0.00	1.77E-04
599660_4133420	599660	4133420	1.44E-04	0.00E+00	1.18E-08	5.20E-08	5.78E-09	0.07	0.00	1.44E-04
599680_4133420	599680	4133420	1.25E-04	0.00E+00	1.03E-08	4.53E-08	5.04E-09	0.06	0.00	1.25E-04
599700_4133420	599700	4133420	1.10E-04	0.00E+00	9.03E-09	3.99E-08	4.43E-09	0.05	0.00	1.10E-04
599060_4133440	599060	4133440	3.48E-05	0.00E+00	2.85E-09	1.26E-08	1.40E-09	0.02	0.00	3.48E-05
599080_4133440	599080	4133440	3.63E-05	0.00E+00	2.97E-09	1.31E-08	1.46E-09	0.02	0.00	3.63E-05
599100_4133440	599100	4133440	3.80E-05	0.00E+00	3.11E-09	1.38E-08	1.53E-09	0.02	0.00	3.80E-05
599120_4133440	599120	4133440	4.00E-05	0.00E+00	3.27E-09	1.45E-08	1.61E-09	0.02	0.00	4.00E-05
599140_4133440	599140	4133440	4.21E-05	0.00E+00	3.45E-09	1.52E-08	1.69E-09	0.02	0.00	4.21E-05
599160_4133440	599160	4133440	4.45E-05	0.00E+00	3.65E-09	1.61E-08	1.79E-09	0.02	0.00	4.45E-05
599180_4133440	599180	4133440	4.78E-05	0.00E+00	3.92E-09	1.73E-08	1.92E-09	0.02	0.00	4.78E-05
599200_4133440	599200	4133440	5.12E-05	0.00E+00	4.20E-09	1.85E-08	2.06E-09	0.02	0.00	5.12E-05
599220_4133440	599220	4133440	5.58E-05	0.00E+00	4.57E-09	2.02E-08	2.24E-09	0.03	0.00	5.58E-05
599240_4133440	599240	4133440	6.21E-05	0.00E+00	5.09E-09	2.25E-08	2.50E-09	0.03	0.00	6.21E-05
599260_4133440	599260	4133440	6.96E-05	0.00E+00	5.70E-09	2.52E-08	2.80E-09	0.03	0.00	6.96E-05
599280_4133440	599280	4133440	7.84E-05	0.00E+00	6.42E-09	2.84E-08	3.15E-09	0.04	0.00	7.84E-05
599480_4133440	599480	4133440	1.48E-03	0.00E+00	1.21E-07	5.35E-07	5.94E-08	0.71	0.00	1.48E-03
599500_4133440	599500	4133440	8.59E-04	0.00E+00	7.04E-08	3.11E-07	3.45E-08	0.42	0.00	8.59E-04
599520_4133440	599520	4133440	5.88E-04	0.00E+00	4.82E-08	2.13E-07	2.37E-08	0.28	0.00	5.88E-04
599540_4133440	599540	4133440	4.47E-04	0.00E+00	3.66E-08	1.62E-07	1.80E-08	0.22	0.00	4.47E-04
599560_4133440	599560	4133440	3.47E-04	0.00E+00	2.84E-08	1.26E-07	1.39E-08	0.17	0.00	3.47E-04
599580_4133440	599580	4133440	2.68E-04	0.00E+00	2.20E-08	9.72E-08	1.08E-08	0.13	0.00	2.68E-04
599600_4133440	599600	4133440	2.04E-04	0.00E+00	1.67E-08	7.40E-08	8.21E-09	0.10	0.00	2.04E-04
599620_4133440	599620	4133440	1.64E-04	0.00E+00	1.34E-08	5.94E-08	6.59E-09	0.08	0.00	1.64E-04
599640_4133440	599640	4133440	1.33E-04	0.00E+00	1.09E-08	4.82E-08	5.35E-09	0.06	0.00	1.33E-04
599660_4133440	599660	4133440	1.16E-04	0.00E+00	9.49E-09	4.20E-08	4.66E-09	0.06	0.00	1.16E-04
599680_4133440	599680	4133440	9.78E-05	0.00E+00	8.01E-09	3.54E-08	3.93E-09	0.05	0.00	9.78E-05
599700_4133440	599700	4133440	8.80E-05	0.00E+00	7.20E-09	3.18E-08	3.54E-09	0.04	0.00	8.80E-05
599060_4133460	599060	4133460	3.80E-05	0.00E+00	3.11E-09	1.37E-08	1.53E-09	0.02	0.00	3.80E-05
599080_4133460	599080	4133460	3.97E-05	0.00E+00	3.25E-09	1.44E-08	1.59E-09	0.02	0.00	3.97E-05
599100_4133460	599100	4133460	4.11E-05	0.00E+00	3.37E-09	1.49E-08	1.65E-09	0.02	0.00	4.11E-05
599120_4133460	599120	4133460	4.31E-05	0.00E+00	3.53E-09	1.56E-08	1.73E-09	0.02	0.00	4.31E-05
599140_4133460	599140	4133460	4.56E-05	0.00E+00	3.74E-09	1.65E-08	1.83E-09	0.02	0.00	4.56E-05
599160_4133460	599160	4133460	4.99E-05	0.00E+00	4.09E-09	1.81E-08	2.01E-09	0.02	0.00	4.99E-05
599180_4133460	599180	4133460	5.35E-05	0.00E+00	4.38E-09	1.94E-08	2.15E-09	0.03	0.00	5.35E-05
599200_4133460	599200	4133460	5.89E-05	0.00E+00	4.83E-09	2.13E-08	2.37E-09	0.03	0.00	5.89E-05
599220_4133460	599220	4133460	6.53E-05	0.00E+00	5.34E-09	2.36E-08	2.62E-09	0.03	0.00	6.53E-05
599240_4133460	599240	4133460	7.37E-05	0.00E+00	6.04E-09	2.67E-08	2.96E-09	0.04	0.00	7.37E-05
599260_4133460	599260	4133460	8.40E-05	0.00E+00	6.88E-09	3.04E-08	3.38E-09	0.04	0.00	8.40E-05
599480_4133460	599480	4133460	1.32E-03	0.00E+00	1.08E-07	4.79E-07	5.32E-08	0.64	0.00	1.32E-03
599500_4133460	599500	4133460	8.45E-04	0.00E+00	6.92E-08	3.06E-07	3.39E-08	0.41	0.00	8.45E-04
599520_4133460	599520	4133460	4.55E-04	0.00E+00	3.73E-08	1.65E-07	1.83E-08	0.22	0.00	4.55E-04
599540_4133460	599540	4133460	3.22E-04	0.00E+00	2.64E-08	1.17E-07	1.30E-08	0.16	0.00	3.22E-04
599560_4133460	599560	4133460	2.29E-04	0.00E+00	1.88E-08	8.29E-08	9.20E-09	0.11	0.00	2.29E-04
599580_4133460	599580	4133460	1.80E-04	0.00E+00	1.47E-08	6.51E-08	7.23E-09	0.09	0.00	1.80E-04
599600_4133460	599600	4133460	1.45E-04	0.00E+00	1.18E-08	5.24E-08	5.81E-09	0.07	0.00	1.45E-04
599620_4133460	599620	4133460	1.20E-04	0.00E+00	9.80E-09	4.33E-08	4.81E-09	0.06	0.00	1.20E-04
599640_4133460	599640	4133460	1.05E-04	0.00E+00	8.57E-09	3.79E-08	4.21E-09	0.05	0.00	1.05E-04
599660_4133460	599660	4133460	9.03E-05	0.00E+00	7.39E-09	3.27E-08	3.63E-09	0.04	0.00	9.03E-05
599680_4133460	599680	4133460	8.09E-05	0.00E+00	6.63E-09	2.93E-08	3.25E-09	0.04	0.00	8.09E-05
599700_4133460	599700	4133460	7.37E-05	0.00E+00	6.03E-09	2.67E-08	2.96E-09	0.04	0.00	7.37E-05
599060_4133480	599060	4133480	4.23E-05	0.00E+00	3.47E-09	1.53E-08	1.70E-09	0.02	0.00	4.23E-05
599080_4133480	599080	4133480	4.42E-05	0.00E+00	3.62E-09	1.60E-08	1.78E-09	0.02	0.00	4.42E-05
599100_4133480	599100	4133480	4.69E-05	0.00E+00	3.84E-09	1.70E-08	1.89E-09	0.02	0.00	4.69E-05
599120_4133480	599120	4133480	4.95E-05	0.00E+00	4.05E-09	1.79E-08	1.99E-09	0.02	0.00	4.95E-05
599140_4133480	599140	4133480	5.37E-05	0.00E+00	4.40E-09	1.95E-08	2.16E-09	0.03	0.00	5.37E-05
599160_4133480	599160	4133480	5.85E-05	0.00E+00	4.79E-09	2.12E-08	2.35E-09	0.03	0.00	5.85E-05
599180_4133480	599180	4133480	6.24E-05	0.00E+00	5.11E-09	2.26E-08	2.51E-09	0.03	0.00	6.24E-05
599200_4133480	599200	4133480	6.91E-05	0.00E+00	5.66E-09	2.50E-08	2.78E-09	0.03	0.00	6.91E-05
599220_4133480	599220	4133480	7.95E-05	0.00E+00	6.51E-09	2.88E-08	3.19E-09	0.04	0.00	7.95E-05
599240_4133480	599240	4133480	9.14E-05	0.00E+00	7.49E-09	3.31E-08	3.67E-09	0.04	0.00	9.14E-05
599360_4133480	599360	4133480	3.83E-04	0.00E+00	3.13E-08	1.39E-07	1.54E-08	0.19	0.00	3.83E-04
599380_4133480	599380	4133480	5.64E-04	0.00E+00	4.62E-08	2.04E-07	2.27E-08	0.27	0.00	5.64E-04
599500_4133480	599500	4133480	4.62E-04	0.00E+00	3.79E-08	1.67E-07	1.86E-08	0.22	0.00	4.62E-04
599520_4133480	599520	4133480	2.84E-04	0.00E+00	2.32E-08	1.03E-07	1.14E-08	0.14	0.00	2.84E-04
599540_4133480	599540	4133480	2.03E-04	0.00E+00	1.67E-08	7.36E-08	8.17E-09	0.10	0.00	2.03E-04
599560_4133480	599560	4133480	1.56E-04	0.00E+00	1.28E-08	5.65E-08	6.27E-09	0.08	0.00	1.56E-04
599580_4133480	599580	4133480	1.28E-04	0.00E+00	1.05E-08	4.64E-08	5.16E-09	0.06	0.00	1.28E-04
599600_4133480	599600	4133480	1.08E-04	0.00E+00	8.89E-09	3.93E-08	4.36E-09	0.05	0.00	1.08E-04
599620_4133480	599620	4133480	9.50E-05	0.00E+00	7.78E-09	3.44E-08	3.82E-09	0.05	0.00	9.50E-05
599640_4133480	599640	4133480	8.53E-05	0.00E+00	6.99E-09	3.09E-08	3.43E-09	0.04	0.00	8.53E-05
599660_4133480	599660	4133480	7.69E-05	0.00E+00	6.30E-09	2.78E-08	3.09E-09	0.04	0.00	7.69E-05
599680_4133480	599680	4133480	7.03E-05	0.00E+00	5.76E-09	2.54E-08	2.83E-09	0.03	0.00	7.03E-05
599700_4133480	599700	4133480	6.67E-05	0.00E+00	5.46E-09	2.41E-08	2.68E-09	0.03	0.00	6.67E-05
599060_4133500	599060	4133500	4.90E-05	0.00E+00	4.01E-09	1.77E-08	1.97E-09	0.02	0.00	4.90E-05
599080_4133500	599080	4133500	5.19E-05	0.00E+00	4.25E-09	1.88E-08	2.08E-09	0.03	0.00	5.19E-05
599100_4133500	599100	4133500	5.53E-05	0.00E+00	4.53E-09	2.00E-08	2.22E-09	0.03	0.00	5.53E-05
599120_4133500	599120	4133500	5.83E-05	0.00E+00	4.77E-09	2.11E-08	2.34E-09	0.03	0.00	5.83E-05
599140_4133500	599140	4133500	6.30E-05	0.00E+00	5.16E-09	2.28E-08	2.53E-09	0.03	0.00	6.30E-05
599160_4133500	599160	4133500	6.91E-05	0.00E+00	5.66E-09	2.50E-08	2.78E-09	0.03	0.00	6.91E-05
599180_4133500	599180	4133500	7.47E-05	0.00E+00	6.11E-09	2.70E-08	3.00E-09	0.04	0.00	7.47E-05
599200_4133500	599200	4133500	8.48E-05	0.00E+00	6.94E-09	3.07E-08	3.41E-09	0.04	0.00	8.48E-05
599220_4133500	599220	4133500	9.59E-05	0.00E+00	7.85E-09	3.47E-08	3.85E-09	0.05	0.00	9.59E-05
599240_4133500	599240	4133500	1.13E-04	0.00E+00	9.24E-09	4.08E-08	4.53E-09	0.05	0.00	1.13E-04
599520_4133500	599520	4133500	1.86E-04	0.00E+00	1.53E-08	6.75E-08	7.49E-09	0.09	0.00	1.86E-04
599540_4133500	599540	4133500	1.40E-04	0.00E+00	1.14E-08	5.06E-08	5.62E-09	0.07	0.00	1.40E-04
599560_4133500	599560	4133500	1.20E-04	0.00E+00	9.81E-09	4.34E-08	4.82E-09	0.06	0.00	1.20E-04
599580_4133500	599580	4133500	1.04E-04	0.00E+00	8.53E-09	3.77E-08	4.19E-09	0.05	0.00	1.04E-04
599600_4133500	599600	4133500	9.18E-05	0.00E+00	7.52E-09	3.32E-08	3.69E-09	0.04	0.00	9.18E-05
599620_4133500	599620	4133500	8.18E-05	0.00E+00	6.70E-09	2.96E-08	3.29E-09	0.04	0.00	8.18E-05
599640_4133500	599640	4133500	7.38E-05	0.00E+00	6.05E-09	2.67E-08	2.97E-09	0.04	0.00	7.38E-05
599660_4133500	599660	4133500	6.87E-05	0.00E+00	5.63E-09	2.49E-08	2.76E-09	0.03	0.00	6.87E-05
599680_4133500	599680	4133500	6.28E-05	0.00E+00	5.14E-09	2.27E-08	2.52E-09	0.03	0.00	6.28E-05
599700_4133500	599700	4133500	5.94E-05	0.00E+00	4.87E-09	2.15E-08	2.39E-09	0.03	0.00	5.94E-05
599080_4133520	599080	4133520	6.03E-05	0.00E+00	4.94E-09	2.18E-08	2.43E-09	0.03	0.00	6.03E-05
599100_4133520	599100	4133520	6.31E-05	0.00E+00	5.17E-09	2.29E-08	2.54E-09	0.03	0.00	6.31E-05
599120_4133520	599120	4133520	6.81E-05	0.00E+00	5.58E-09	2.46E-08	2.74E-09	0.03	0.00	6.81E-05
599140_4133520	599140	4133520	7.56E-05	0.00E+00	6.19E-09	2.74E-08	3.04E-09	0.04	0.00	7.56E-05
599160_4133520	599160	4133520	8.25E-05	0.00E+00	6.76E-09	2.99E-08	3.32E-09	0.04	0.00	8.25E-05
599180_4133520	599180	4133520	9.16E-05	0.00E+00	7.50E-09	3.32E-08	3.68E-09	0.04	0.00	9.16E-05
599200_4133520	599200	4133520	1.05E-04	0.00E+00	8.62E-09	3.81E-08	4.23E-09	0.05	0.00	1.05E-04
599220_4133520	599220	4133520	1.24E-04	0.00E+00	1.02E-08	4.49E-08	4.99E-09	0.06	0.00	1.24E-04

599240_4133520	599240	4133520	1.44E-04	0.00E+00	1.18E-08	5.22E-08	5.80E-09	0.07	0.00	1.44E-04
599260_4133520	599260	4133520	1.80E-04	0.00E+00	1.48E-08	6.53E-08	7.25E-09	0.09	0.00	1.80E-04
599540_4133520	599540	4133520	1.17E-04	0.00E+00	9.61E-09	4.25E-08	4.71E-09	0.06	0.00	1.17E-04
599560_4133520	599560	4133520	1.01E-04	0.00E+00	8.29E-09	3.66E-08	4.07E-09	0.05	0.00	1.01E-04
599580_4133520	599580	4133520	8.88E-05	0.00E+00	7.27E-09	3.21E-08	3.57E-09	0.04	0.00	8.88E-05
599600_4133520	599600	4133520	8.03E-05	0.00E+00	6.57E-09	2.91E-08	3.23E-09	0.04	0.00	8.03E-05
599620_4133520	599620	4133520	7.06E-05	0.00E+00	5.79E-09	2.56E-08	2.84E-09	0.03	0.00	7.06E-05
599640_4133520	599640	4133520	6.57E-05	0.00E+00	5.38E-09	2.38E-08	2.64E-09	0.03	0.00	6.57E-05
599660_4133520	599660	4133520	6.06E-05	0.00E+00	4.96E-09	2.19E-08	2.44E-09	0.03	0.00	6.06E-05
599680_4133520	599680	4133520	5.70E-05	0.00E+00	4.67E-09	2.06E-08	2.29E-09	0.03	0.00	5.70E-05
599700_4133520	599700	4133520	5.38E-05	0.00E+00	4.41E-09	1.95E-08	2.16E-09	0.03	0.00	5.38E-05
599080_4133540	599080	4133540	6.93E-05	0.00E+00	5.67E-09	2.51E-08	2.78E-09	0.03	0.00	6.93E-05
599100_4133540	599100	4133540	7.44E-05	0.00E+00	6.09E-09	2.69E-08	2.99E-09	0.04	0.00	7.44E-05
599120_4133540	599120	4133540	8.09E-05	0.00E+00	6.63E-09	2.93E-08	3.25E-09	0.04	0.00	8.09E-05
599140_4133540	599140	4133540	9.07E-05	0.00E+00	7.43E-09	3.28E-08	3.65E-09	0.04	0.00	9.07E-05
599160_4133540	599160	4133540	1.00E-04	0.00E+00	8.23E-09	3.64E-08	4.04E-09	0.05	0.00	1.00E-04
599180_4133540	599180	4133540	1.16E-04	0.00E+00	9.47E-09	4.19E-08	4.65E-09	0.06	0.00	1.16E-04
599200_4133540	599200	4133540	1.30E-04	0.00E+00	1.07E-08	4.71E-08	5.23E-09	0.06	0.00	1.30E-04
599220_4133540	599220	4133540	1.54E-04	0.00E+00	1.26E-08	5.58E-08	6.19E-09	0.07	0.00	1.54E-04
599240_4133540	599240	4133540	1.89E-04	0.00E+00	1.55E-08	6.85E-08	7.61E-09	0.09	0.00	1.89E-04
599260_4133540	599260	4133540	2.40E-04	0.00E+00	1.97E-08	8.70E-08	9.66E-09	0.12	0.00	2.40E-04
599280_4133540	599280	4133540	2.96E-04	0.00E+00	2.42E-08	1.07E-07	1.19E-08	0.14	0.00	2.96E-04
599300_4133540	599300	4133540	3.95E-04	0.00E+00	3.24E-08	1.43E-07	1.59E-08	0.19	0.00	3.95E-04
599320_4133540	599320	4133540	5.16E-04	0.00E+00	4.22E-08	1.87E-07	2.07E-08	0.25	0.00	5.16E-04
599340_4133540	599340	4133540	7.34E-04	0.00E+00	6.01E-08	2.66E-07	2.95E-08	0.36	0.00	7.34E-04
599520_4133540	599520	4133540	1.16E-04	0.00E+00	9.50E-09	4.20E-08	4.66E-09	0.06	0.00	1.16E-04
599540_4133540	599540	4133540	1.03E-04	0.00E+00	8.41E-09	3.72E-08	4.13E-09	0.05	0.00	1.03E-04
599560_4133540	599560	4133540	8.99E-05	0.00E+00	7.36E-09	3.26E-08	3.61E-09	0.04	0.00	8.99E-05
599580_4133540	599580	4133540	8.07E-05	0.00E+00	6.61E-09	2.92E-08	3.24E-09	0.04	0.00	8.07E-05
599600_4133540	599600	4133540	7.18E-05	0.00E+00	5.88E-09	2.60E-08	2.89E-09	0.03	0.00	7.18E-05
599620_4133540	599620	4133540	6.49E-05	0.00E+00	5.32E-09	2.35E-08	2.61E-09	0.03	0.00	6.49E-05
599640_4133540	599640	4133540	6.09E-05	0.00E+00	4.99E-09	2.21E-08	2.45E-09	0.03	0.00	6.09E-05
599660_4133540	599660	4133540	5.61E-05	0.00E+00	4.60E-09	2.03E-08	2.26E-09	0.03	0.00	5.61E-05
599680_4133540	599680	4133540	5.30E-05	0.00E+00	4.34E-09	1.92E-08	2.13E-09	0.03	0.00	5.30E-05
599700_4133540	599700	4133540	4.96E-05	0.00E+00	4.06E-09	1.79E-08	1.99E-09	0.02	0.00	4.96E-05
599080_4133560	599080	4133560	8.04E-05	0.00E+00	6.58E-09	2.91E-08	3.23E-09	0.04	0.00	8.04E-05
599100_4133560	599100	4133560	8.89E-05	0.00E+00	7.28E-09	3.22E-08	3.57E-09	0.04	0.00	8.89E-05
599120_4133560	599120	4133560	9.71E-05	0.00E+00	7.95E-09	3.51E-08	3.90E-09	0.05	0.00	9.71E-05
599140_4133560	599140	4133560	1.07E-04	0.00E+00	8.72E-09	3.86E-08	4.28E-09	0.05	0.00	1.07E-04
599160_4133560	599160	4133560	1.18E-04	0.00E+00	9.69E-09	4.28E-08	4.75E-09	0.06	0.00	1.18E-04
599180_4133560	599180	4133560	1.36E-04	0.00E+00	1.12E-08	4.94E-08	5.48E-09	0.07	0.00	1.36E-04
599200_4133560	599200	4133560	1.63E-04	0.00E+00	1.34E-08	5.91E-08	6.57E-09	0.08	0.00	1.63E-04
599220_4133560	599220	4133560	1.96E-04	0.00E+00	1.60E-08	7.09E-08	7.87E-09	0.09	0.00	1.96E-04
599240_4133560	599240	4133560	2.26E-04	0.00E+00	1.85E-08	8.18E-08	9.08E-09	0.11	0.00	2.26E-04
599260_4133560	599260	4133560	2.78E-04	0.00E+00	2.28E-08	1.01E-07	1.12E-08	0.13	0.00	2.78E-04
599280_4133560	599280	4133560	3.49E-04	0.00E+00	2.86E-08	1.26E-07	1.40E-08	0.17	0.00	3.49E-04
599300_4133560	599300	4133560	4.29E-04	0.00E+00	3.51E-08	1.55E-07	1.72E-08	0.21	0.00	4.29E-04
599320_4133560	599320	4133560	5.37E-04	0.00E+00	4.40E-08	1.94E-07	2.16E-08	0.26	0.00	5.37E-04
599340_4133560	599340	4133560	5.99E-04	0.00E+00	4.91E-08	2.17E-07	2.41E-08	0.29	0.00	5.99E-04
599360_4133560	599360	4133560	5.61E-04	0.00E+00	4.60E-08	2.03E-07	2.26E-08	0.27	0.00	5.61E-04
599380_4133560	599380	4133560	4.20E-04	0.00E+00	3.44E-08	1.52E-07	1.69E-08	0.20	0.00	4.20E-04
599500_4133560	599500	4133560	1.14E-04	0.00E+00	9.34E-09	4.13E-08	4.59E-09	0.06	0.00	1.14E-04
599520_4133560	599520	4133560	1.03E-04	0.00E+00	8.40E-09	3.71E-08	4.12E-09	0.05	0.00	1.03E-04
599540_4133560	599540	4133560	9.13E-05	0.00E+00	7.48E-09	3.31E-08	3.67E-09	0.04	0.00	9.13E-05
599560_4133560	599560	4133560	8.21E-05	0.00E+00	6.72E-09	2.97E-08	3.30E-09	0.04	0.00	8.21E-05
599580_4133560	599580	4133560	7.36E-05	0.00E+00	6.03E-09	2.67E-08	2.96E-09	0.04	0.00	7.36E-05
599600_4133560	599600	4133560	6.67E-05	0.00E+00	5.46E-09	2.42E-08	2.68E-09	0.03	0.00	6.67E-05
599620_4133560	599620	4133560	6.06E-05	0.00E+00	4.96E-09	2.19E-08	2.43E-09	0.03	0.00	6.06E-05
599640_4133560	599640	4133560	5.51E-05	0.00E+00	4.51E-09	1.99E-08	2.21E-09	0.03	0.00	5.51E-05
599660_4133560	599660	4133560	5.17E-05	0.00E+00	4.23E-09	1.87E-08	2.08E-09	0.03	0.00	5.17E-05
599680_4133560	599680	4133560	4.98E-05	0.00E+00	4.08E-09	1.80E-08	2.00E-09	0.02	0.00	4.98E-05
599700_4133560	599700	4133560	4.64E-05	0.00E+00	3.80E-09	1.68E-08	1.86E-09	0.02	0.00	4.64E-05
599080_4133580	599080	4133580	9.56E-05	0.00E+00	7.83E-09	3.46E-08	3.84E-09	0.05	0.00	9.56E-05
599100_4133580	599100	4133580	1.01E-04	0.00E+00	8.28E-09	3.66E-08	4.06E-09	0.05	0.00	1.01E-04
599120_4133580	599120	4133580	1.10E-04	0.00E+00	9.00E-09	3.98E-08	4.42E-09	0.05	0.00	1.10E-04
599140_4133580	599140	4133580	1.26E-04	0.00E+00	1.03E-08	4.55E-08	5.05E-09	0.06	0.00	1.26E-04
599160_4133580	599160	4133580	1.43E-04	0.00E+00	1.17E-08	5.18E-08	5.75E-09	0.07	0.00	1.43E-04
599180_4133580	599180	4133580	1.67E-04	0.00E+00	1.37E-08	6.05E-08	6.72E-09	0.08	0.00	1.67E-04
599200_4133580	599200	4133580	1.92E-04	0.00E+00	1.57E-08	6.94E-08	7.71E-09	0.09	0.00	1.92E-04
599220_4133580	599220	4133580	2.14E-04	0.00E+00	1.75E-08	7.74E-08	8.60E-09	0.10	0.00	2.14E-04
599240_4133580	599240	4133580	2.57E-04	0.00E+00	2.10E-08	9.29E-08	1.03E-08	0.12	0.00	2.57E-04
599260_4133580	599260	4133580	3.06E-04	0.00E+00	2.51E-08	1.11E-07	1.23E-08	0.15	0.00	3.06E-04
599280_4133580	599280	4133580	3.58E-04	0.00E+00	2.93E-08	1.29E-07	1.44E-08	0.17	0.00	3.58E-04
599300_4133580	599300	4133580	4.23E-04	0.00E+00	3.46E-08	1.53E-07	1.70E-08	0.20	0.00	4.23E-04
599320_4133580	599320	4133580	4.67E-04	0.00E+00	3.82E-08	1.69E-07	1.88E-08	0.23	0.00	4.67E-04
599340_4133580	599340	4133580	4.64E-04	0.00E+00	3.80E-08	1.68E-07	1.86E-08	0.22	0.00	4.64E-04
599360_4133580	599360	4133580	3.91E-04	0.00E+00	3.20E-08	1.41E-07	1.57E-08	0.19	0.00	3.91E-04
599500_4133580	599500	4133580	9.78E-05	0.00E+00	8.01E-09	3.54E-08	3.93E-09	0.05	0.00	9.78E-05
599520_4133580	599520	4133580	9.07E-05	0.00E+00	7.43E-09	3.28E-08	3.65E-09	0.04	0.00	9.07E-05
599540_4133580	599540	4133580	8.27E-05	0.00E+00	6.77E-09	2.99E-08	3.32E-09	0.04	0.00	8.27E-05
599560_4133580	599560	4133580	7.51E-05	0.00E+00	6.15E-09	2.72E-08	3.02E-09	0.04	0.00	7.51E-05
599580_4133580	599580	4133580	6.96E-05	0.00E+00	5.70E-09	2.52E-08	2.80E-09	0.03	0.00	6.96E-05
599600_4133580	599600	4133580	6.35E-05	0.00E+00	5.20E-09	2.30E-08	2.55E-09	0.03	0.00	6.35E-05
599620_4133580	599620	4133580	5.83E-05	0.00E+00	4.77E-09	2.11E-08	2.34E-09	0.03	0.00	5.83E-05
599640_4133580	599640	4133580	5.38E-05	0.00E+00	4.41E-09	1.95E-08	2.16E-09	0.03	0.00	5.38E-05
599660_4133580	599660	4133580	4.99E-05	0.00E+00	4.09E-09	1.81E-08	2.00E-09	0.02	0.00	4.99E-05
599680_4133580	599680	4133580	4.65E-05	0.00E+00	3.81E-09	1.68E-08	1.87E-09	0.02	0.00	4.65E-05
599100_4133600	599100	4133600	1.17E-04	0.00E+00	9.56E-09	4.22E-08	4.69E-09	0.06	0.00	1.17E-04
599120_4133600	599120	4133600	1.31E-04	0.00E+00	1.07E-08	4.75E-08	5.27E-09	0.06	0.00	1.31E-04
599140_4133600	599140	4133600	1.47E-04	0.00E+00	1.20E-08	5.32E-08	5.90E-09	0.07	0.00	1.47E-04
599160_4133600	599160	4133600	1.65E-04	0.00E+00	1.35E-08	5.99E-08	6.65E-09	0.08	0.00	1.65E-04
599180_4133600	599180	4133600	1.81E-04	0.00E+00	1.49E-08	6.57E-08	7.29E-09	0.09	0.00	1.81E-04
599200_4133600	599200	4133600	2.08E-04	0.00E+00	1.70E-08	7.52E-08	8.35E-09	0.10	0.00	2.08E-04
599220_4133600	599220	4133600	2.36E-04	0.00E+00	1.94E-08	8.55E-08	9.50E-09	0.11	0.00	2.36E-04
599240_4133600	599240	4133600	2.75E-04	0.00E+00	2.25E-08	9.94E-08	1.10E-08	0.13	0.00	2.75E-04
599260_4133600	599260	4133600	3.05E-04	0.00E+00	2.50E-08	1.10E-07	1.22E-08	0.15	0.00	3.05E-04
599280_4133600	599280	4133600	3.45E-04	0.00E+00	2.82E-08	1.25E-07	1.39E-08	0.17	0.00	3.45E-04
599300_4133600	599300	4133600	3.76E-04	0.00E+00	3.08E-08	1.36E-07	1.51E-08	0.18	0.00	3.76E-04
599320_4133600	599320	4133600	3.82E-04	0.00E+00	3.13E-08	1.38E-07	1.53E-08	0.18	0.00	3.82E-04
599340_4133600	599340	4133600	3.42E-04	0.00E+00	2.80E-08	1.24E-07	1.38E-08	0.17	0.00	3.42E-04
599360_4133600	599360	4133600	2.70E-04	0.00E+00	2.21E-08	9.77E-08	1.08E-08	0.13	0.00	2.70E-04
599480_4133600	599480	4133600	9.21E-05	0.00E+00	7.55E-09	3.34E-08	3.70E-09	0.04	0.00	9.21E-05
599500_4133600	599500	4133600	8.48E-05	0.00E+00	6.94E-09	3.07E-08	3.41E-09	0.04	0.00	8.48E-05
599520_4133600	599520	4133600	7.82E-05	0.00E+00	6.41E-09	2.83E-08	3.14E-09	0.04	0.00	7.82E-05
599540_4133600	599540	4133600	7.30E-05	0.00E+00	5.98E-09	2.64E-08	2.93E-09	0.04	0.00	7.30E-05
599560_4133600	599560	4133600	6.95E-05	0.00E+00	5.69E-09	2.52E-08	2.79E-09	0.03	0.00	6.95E-05
599580_4133600	599580	4133600	6.45E-05	0.00E+00	5.28E-09	2.33E-08	2.59E-09	0.03	0.00	6.45E-05
599600_4133600	599600	4133600	5.98E-05	0.00E+00	4.90E-09	2.17E-08	2.40E-09	0.03	0.00	5.98E-05
599620_4133600	599620	4133600	5.45E-05	0.00E+00	4.46E-09	1.97E-08	2.19E-09	0.03	0.00	5.45E-05
599640_4133600	599640	4133600	5.22E-05	0.00E+00	4.28E-09	1.89E-08	2.10E-09	0.03	0.00	5.22E-05
599660_4133600	599660	4133600	4.83E-05	0.00E+00	3.96E-09	1.75E-08	1.94E-09	0.02	0.00	4.83E-05
599680_4133600	599680	4133600	4.52E-05	0.00E+00	3.70E-09	1.64E-08	1.82E-09	0.02	0.00	4.52E-05
599100_4133620	599100	4133620	1.33E-04	0.00E+00	1.09E-08	4.82E-08	5.35E-09	0.06	0.00	1.33E-04
599120_4133620	599120	4133620	1.48E-04	0.00E+00	1.21E-08	5.35E-08	5.93E-09	0.07	0.00	1.48E-04
599140_4133620	599140	4133620	1.62E-04	0.00E+00	1.33E-08	5.87E-08	6.51E-09	0.08	0.00	1.62E-04
599160_4133620	599160	4133620	1.75E-04	0.00E+00	1.43E-08	6.32E-08	7.01E-09	0.08	0.00	1.75E-04
599180_4133620	599180	4133620	1.97E-04	0.00E+00	1.61E-08	7.12E-08	7.91E-09	0.10	0.00	1.97E-04
599200_4133620	599200	4133620	2.19E-04	0.00E+00	1.79E-08	7.93E-08	8.80E-09	0.11	0.00	2.19E-04
599220_4133620	599220	4133620	2.45E-04	0.00E+00	2.01E-08	8.88E-08	9.86E-09	0.12	0.00	2.45E-04
599240_4133620	599240	4133620	2.67E-04	0.00E+00	2.19E-08	9.68E-08	1.08E-08	0.13	0.00	2.67E-04
599260_4133620	599260	4133620	2.91E-04	0.00E+00	2.38E-08	1.05E-07	1.17E-08	0.14	0.00	2.91E-04

599280_4133620	599280	4133620	3.18E-04	0.00E+00	2.61E-08	1.15E-07	1.28E-08	0.15	0.00	3.18E-04
599300_4133620	599300	4133620	3.20E-04	0.00E+00	2.62E-08	1.16E-07	1.29E-08	0.15	0.00	3.20E-04
599320_4133620	599320	4133620	3.06E-04	0.00E+00	2.50E-08	1.11E-07	1.23E-08	0.15	0.00	3.06E-04
599340_4133620	599340	4133620	2.57E-04	0.00E+00	2.10E-08	9.30E-08	1.03E-08	0.12	0.00	2.57E-04
599460_4133620	599460	4133620	9.02E-05	0.00E+00	7.39E-09	3.26E-08	3.62E-09	0.04	0.00	9.02E-05
599480_4133620	599480	4133620	8.19E-05	0.00E+00	6.71E-09	2.97E-08	3.29E-09	0.04	0.00	8.19E-05
599500_4133620	599500	4133620	7.40E-05	0.00E+00	6.06E-09	2.68E-08	2.98E-09	0.04	0.00	7.40E-05
599520_4133620	599520	4133620	6.89E-05	0.00E+00	5.64E-09	2.50E-08	2.77E-09	0.03	0.00	6.89E-05
599540_4133620	599540	4133620	6.64E-05	0.00E+00	5.44E-09	2.40E-08	2.67E-09	0.03	0.00	6.64E-05
599560_4133620	599560	4133620	6.19E-05	0.00E+00	5.07E-09	2.24E-08	2.49E-09	0.03	0.00	6.19E-05
599580_4133620	599580	4133620	5.86E-05	0.00E+00	4.80E-09	2.12E-08	2.36E-09	0.03	0.00	5.86E-05
599600_4133620	599600	4133620	5.56E-05	0.00E+00	4.55E-09	2.01E-08	2.23E-09	0.03	0.00	5.56E-05
599620_4133620	599620	4133620	5.29E-05	0.00E+00	4.33E-09	1.91E-08	2.13E-09	0.03	0.00	5.29E-05
599640_4133620	599640	4133620	4.98E-05	0.00E+00	4.08E-09	1.80E-08	2.00E-09	0.02	0.00	4.98E-05
599660_4133620	599660	4133620	4.63E-05	0.00E+00	3.79E-09	1.68E-08	1.86E-09	0.02	0.00	4.63E-05
599120_4133640	599120	4133640	1.55E-04	0.00E+00	1.27E-08	5.61E-08	6.23E-09	0.07	0.00	1.55E-04
599140_4133640	599140	4133640	1.69E-04	0.00E+00	1.39E-08	6.13E-08	6.80E-09	0.08	0.00	1.69E-04
599160_4133640	599160	4133640	1.81E-04	0.00E+00	1.49E-08	6.57E-08	7.29E-09	0.09	0.00	1.81E-04
599180_4133640	599180	4133640	2.02E-04	0.00E+00	1.65E-08	7.31E-08	8.12E-09	0.10	0.00	2.02E-04
599200_4133640	599200	4133640	2.22E-04	0.00E+00	1.82E-08	8.04E-08	8.93E-09	0.11	0.00	2.22E-04
599220_4133640	599220	4133640	2.33E-04	0.00E+00	1.91E-08	8.45E-08	9.38E-09	0.11	0.00	2.33E-04
599240_4133640	599240	4133640	2.50E-04	0.00E+00	2.04E-08	9.04E-08	1.00E-08	0.12	0.00	2.50E-04
599260_4133640	599260	4133640	2.71E-04	0.00E+00	2.22E-08	9.81E-08	1.09E-08	0.13	0.00	2.71E-04
599280_4133640	599280	4133640	2.77E-04	0.00E+00	2.27E-08	1.00E-07	1.11E-08	0.13	0.00	2.77E-04
599300_4133640	599300	4133640	2.71E-04	0.00E+00	2.22E-08	9.81E-08	1.09E-08	0.13	0.00	2.71E-04
599320_4133640	599320	4133640	2.42E-04	0.00E+00	1.98E-08	8.75E-08	9.71E-09	0.12	0.00	2.42E-04
599340_4133640	599340	4133640	2.03E-04	0.00E+00	1.66E-08	7.36E-08	8.17E-09	0.10	0.00	2.03E-04
599360_4133640	599360	4133640	1.67E-04	0.00E+00	1.37E-08	6.05E-08	6.72E-09	0.08	0.00	1.67E-04
599460_4133640	599460	4133640	7.97E-05	0.00E+00	6.53E-09	2.89E-08	3.20E-09	0.04	0.00	7.97E-05
599480_4133640	599480	4133640	7.32E-05	0.00E+00	5.99E-09	2.65E-08	2.94E-09	0.04	0.00	7.32E-05
599500_4133640	599500	4133640	6.74E-05	0.00E+00	5.52E-09	2.44E-08	2.71E-09	0.03	0.00	6.74E-05
599520_4133640	599520	4133640	6.26E-05	0.00E+00	5.13E-09	2.27E-08	2.52E-09	0.03	0.00	6.26E-05
599540_4133640	599540	4133640	5.91E-05	0.00E+00	4.84E-09	2.14E-08	2.37E-09	0.03	0.00	5.91E-05
599560_4133640	599560	4133640	5.73E-05	0.00E+00	4.69E-09	2.07E-08	2.30E-09	0.03	0.00	5.73E-05
599580_4133640	599580	4133640	5.48E-05	0.00E+00	4.49E-09	1.99E-08	2.20E-09	0.03	0.00	5.48E-05
599600_4133640	599600	4133640	5.16E-05	0.00E+00	4.22E-09	1.87E-08	2.07E-09	0.02	0.00	5.16E-05
599620_4133640	599620	4133640	4.91E-05	0.00E+00	4.02E-09	1.78E-08	1.97E-09	0.02	0.00	4.91E-05
599640_4133640	599640	4133640	4.77E-05	0.00E+00	3.90E-09	1.73E-08	1.92E-09	0.02	0.00	4.77E-05
599660_4133640	599660	4133640	4.53E-05	0.00E+00	3.71E-09	1.64E-08	1.82E-09	0.02	0.00	4.53E-05
599140_4133660	599140	4133660	1.73E-04	0.00E+00	1.42E-08	6.27E-08	6.96E-09	0.08	0.00	1.73E-04
599160_4133660	599160	4133660	1.86E-04	0.00E+00	1.53E-08	6.75E-08	7.49E-09	0.09	0.00	1.86E-04
599180_4133660	599180	4133660	1.98E-04	0.00E+00	1.62E-08	7.17E-08	7.97E-09	0.10	0.00	1.98E-04
599200_4133660	599200	4133660	2.05E-04	0.00E+00	1.68E-08	7.42E-08	8.24E-09	0.10	0.00	2.05E-04
599220_4133660	599220	4133660	2.25E-04	0.00E+00	1.84E-08	8.14E-08	9.04E-09	0.11	0.00	2.25E-04
599240_4133660	599240	4133660	2.38E-04	0.00E+00	1.95E-08	8.60E-08	9.55E-09	0.11	0.00	2.38E-04
599260_4133660	599260	4133660	2.44E-04	0.00E+00	2.00E-08	8.83E-08	9.81E-09	0.12	0.00	2.44E-04
599280_4133660	599280	4133660	2.45E-04	0.00E+00	2.01E-08	8.88E-08	9.86E-09	0.12	0.00	2.45E-04
599300_4133660	599300	4133660	2.24E-04	0.00E+00	1.83E-08	8.10E-08	8.99E-09	0.11	0.00	2.24E-04
599320_4133660	599320	4133660	1.97E-04	0.00E+00	1.61E-08	7.12E-08	7.91E-09	0.10	0.00	1.97E-04
599340_4133660	599340	4133660	1.63E-04	0.00E+00	1.34E-08	5.92E-08	6.57E-09	0.08	0.00	1.63E-04
599360_4133660	599360	4133660	1.40E-04	0.00E+00	1.15E-08	5.07E-08	5.63E-09	0.07	0.00	1.40E-04
599380_4133660	599380	4133660	1.23E-04	0.00E+00	1.01E-08	4.45E-08	4.94E-09	0.06	0.00	1.23E-04
599400_4133660	599400	4133660	1.05E-04	0.00E+00	8.60E-09	3.80E-08	4.22E-09	0.05	0.00	1.05E-04
599440_4133660	599440	4133660	8.16E-05	0.00E+00	6.68E-09	2.95E-08	3.28E-09	0.04	0.00	8.16E-05
599460_4133660	599460	4133660	7.23E-05	0.00E+00	5.92E-09	2.62E-08	2.91E-09	0.04	0.00	7.23E-05
599480_4133660	599480	4133660	6.66E-05	0.00E+00	5.46E-09	2.41E-08	2.68E-09	0.03	0.00	6.66E-05
599500_4133660	599500	4133660	6.06E-05	0.00E+00	4.96E-09	2.19E-08	2.44E-09	0.03	0.00	6.06E-05
599520_4133660	599520	4133660	5.76E-05	0.00E+00	4.72E-09	2.09E-08	2.32E-09	0.03	0.00	5.76E-05
599540_4133660	599540	4133660	5.44E-05	0.00E+00	4.46E-09	1.97E-08	2.19E-09	0.03	0.00	5.44E-05
599560_4133660	599560	4133660	5.24E-05	0.00E+00	4.29E-09	1.90E-08	2.10E-09	0.03	0.00	5.24E-05
599580_4133660	599580	4133660	5.07E-05	0.00E+00	4.15E-09	1.84E-08	2.04E-09	0.02	0.00	5.07E-05
599600_4133660	599600	4133660	4.83E-05	0.00E+00	3.96E-09	1.75E-08	1.94E-09	0.02	0.00	4.83E-05
599620_4133660	599620	4133660	4.71E-05	0.00E+00	3.85E-09	1.70E-08	1.89E-09	0.02	0.00	4.71E-05
599640_4133660	599640	4133660	4.52E-05	0.00E+00	3.70E-09	1.64E-08	1.82E-09	0.02	0.00	4.52E-05
599160_4133680	599160	4133680	1.85E-04	0.00E+00	1.51E-08	6.68E-08	7.42E-09	0.09	0.00	1.85E-04
599180_4133680	599180	4133680	1.89E-04	0.00E+00	1.55E-08	6.84E-08	7.59E-09	0.09	0.00	1.89E-04
599200_4133680	599200	4133680	2.01E-04	0.00E+00	1.65E-08	7.28E-08	8.08E-09	0.10	0.00	2.01E-04
599220_4133680	599220	4133680	2.06E-04	0.00E+00	1.69E-08	7.47E-08	8.30E-09	0.10	0.00	2.06E-04
599240_4133680	599240	4133680	2.21E-04	0.00E+00	1.81E-08	8.01E-08	8.89E-09	0.11	0.00	2.21E-04
599260_4133680	599260	4133680	2.24E-04	0.00E+00	1.84E-08	8.12E-08	9.02E-09	0.11	0.00	2.24E-04
599280_4133680	599280	4133680	2.08E-04	0.00E+00	1.70E-08	7.52E-08	8.35E-09	0.10	0.00	2.08E-04
599300_4133680	599300	4133680	1.91E-04	0.00E+00	1.56E-08	6.90E-08	7.66E-09	0.09	0.00	1.91E-04
599320_4133680	599320	4133680	1.61E-04	0.00E+00	1.31E-08	5.81E-08	6.45E-09	0.08	0.00	1.61E-04
599340_4133680	599340	4133680	1.41E-04	0.00E+00	1.15E-08	5.09E-08	5.65E-09	0.07	0.00	1.41E-04
599360_4133680	599360	4133680	1.23E-04	0.00E+00	1.01E-08	4.46E-08	4.96E-09	0.06	0.00	1.23E-04
599380_4133680	599380	4133680	1.07E-04	0.00E+00	8.74E-09	3.86E-08	4.29E-09	0.05	0.00	1.07E-04
599400_4133680	599400	4133680	9.16E-05	0.00E+00	7.50E-09	3.32E-08	3.68E-09	0.04	0.00	9.16E-05
599420_4133680	599420	4133680	8.21E-05	0.00E+00	6.73E-09	2.97E-08	3.30E-09	0.04	0.00	8.21E-05
599440_4133680	599440	4133680	7.32E-05	0.00E+00	5.99E-09	2.65E-08	2.94E-09	0.04	0.00	7.32E-05
599460_4133680	599460	4133680	6.75E-05	0.00E+00	5.53E-09	2.44E-08	2.71E-09	0.03	0.00	6.75E-05
599480_4133680	599480	4133680	6.06E-05	0.00E+00	4.96E-09	2.19E-08	2.43E-09	0.03	0.00	6.06E-05
599500_4133680	599500	4133680	5.58E-05	0.00E+00	4.57E-09	2.02E-08	2.24E-09	0.03	0.00	5.58E-05
599520_4133680	599520	4133680	5.27E-05	0.00E+00	4.32E-09	1.91E-08	2.12E-09	0.03	0.00	5.27E-05
599540_4133680	599540	4133680	5.04E-05	0.00E+00	4.13E-09	1.82E-08	2.03E-09	0.02	0.00	5.04E-05
599560_4133680	599560	4133680	4.80E-05	0.00E+00	3.93E-09	1.74E-08	1.93E-09	0.02	0.00	4.80E-05
599580_4133680	599580	4133680	4.67E-05	0.00E+00	3.83E-09	1.69E-08	1.88E-09	0.02	0.00	4.67E-05
599600_4133680	599600	4133680	4.55E-05	0.00E+00	3.73E-09	1.65E-08	1.83E-09	0.02	0.00	4.55E-05
599620_4133680	599620	4133680	4.42E-05	0.00E+00	3.62E-09	1.60E-08	1.78E-09	0.02	0.00	4.42E-05
599180_4133700	599180	4133700	1.85E-04	0.00E+00	1.52E-08	6.70E-08	7.44E-09	0.09	0.00	1.85E-04
599200_4133700	599200	4133700	1.93E-04	0.00E+00	1.58E-08	6.97E-08	7.74E-09	0.09	0.00	1.93E-04
599220_4133700	599220	4133700	2.01E-04	0.00E+00	1.64E-08	7.27E-08	8.07E-09	0.10	0.00	2.01E-04
599240_4133700	599240	4133700	2.00E-04	0.00E+00	1.64E-08	7.25E-08	8.05E-09	0.10	0.00	2.00E-04
599260_4133700	599260	4133700	1.92E-04	0.00E+00	1.57E-08	6.94E-08	7.71E-09	0.09	0.00	1.92E-04
599280_4133700	599280	4133700	1.84E-04	0.00E+00	1.51E-08	6.67E-08	7.40E-09	0.09	0.00	1.84E-04
599300_4133700	599300	4133700	1.63E-04	0.00E+00	1.33E-08	5.89E-08	6.54E-09	0.08	0.00	1.63E-04
599320_4133700	599320	4133700	1.40E-04	0.00E+00	1.15E-08	5.08E-08	5.64E-09	0.07	0.00	1.40E-04
599340_4133700	599340	4133700	1.21E-04	0.00E+00	9.91E-09	4.38E-08	4.86E-09	0.06	0.00	1.21E-04
599360_4133700	599360	4133700	1.10E-04	0.00E+00	9.03E-09	3.99E-08	4.43E-09	0.05	0.00	1.10E-04
599380_4133700	599380	4133700	9.41E-05	0.00E+00	7.71E-09	3.41E-08	3.78E-09	0.05	0.00	9.41E-05
599400_4133700	599400	4133700	8.49E-05	0.00E+00	6.95E-09	3.07E-08	3.41E-09	0.04	0.00	8.49E-05
599420_4133700	599420	4133700	7.50E-05	0.00E+00	6.15E-09	2.72E-08	3.02E-09	0.04	0.00	7.50E-05
599440_4133700	599440	4133700	6.81E-05	0.00E+00	5.58E-09	2.47E-08	2.74E-09	0.03	0.00	6.81E-05
599460_4133700	599460	4133700	6.18E-05	0.00E+00	5.06E-09	2.24E-08	2.49E-09	0.03	0.00	6.18E-05
599480_4133700	599480	4133700	5.70E-05	0.00E+00	4.67E-09	2.07E-08	2.29E-09	0.03	0.00	5.70E-05
599500_4133700	599500	4133700	5.24E-05	0.00E+00	4.29E-09	1.90E-08	2.11E-09	0.03	0.00	5.24E-05
599520_4133700	599520	4133700	4.96E-05	0.00E+00	4.07E-09	1.80E-08	2.00E-09	0.02	0.00	4.96E-05
599540_4133700	599540	4133700	4.70E-05	0.00E+00	3.85E-09	1.70E-08	1.89E-09	0.02	0.00	4.70E-05
599560_4133700	599560	4133700	4.47E-05	0.00E+00	3.66E-09	1.62E-08	1.80E-09	0.02	0.00	4.47E-05
599580_4133700	599580	4133700	4.33E-05	0.00E+00	3.55E-09	1.57E-08	1.74E-09	0.02	0.00	4.33E-05
599600_4133700	599600	4133700	4.29E-05	0.00E+00	3.51E-09	1.55E-08	1.72E-09	0.02	0.00	4.29E-05
599200_4133720	599200	4133720	1.85E-04	0.00E+00	1.51E-08	6.68E-08	7.42E-09	0.09	0.00	1.85E-04
599220_4133720	599220	4133720	1.85E-04	0.00E+00	1.52E-08	6.70E-08	7.44E-09	0.09	0.00	1.85E-04
599240_4133720	599240	4133720	1.79E-04	0.00E+00	1.47E-08	6.48E-08	7.20E-09	0.09	0.00	1.79E-04
599260_4133720	599260	4133720	1.70E-04	0.00E+00	1.39E-08	6.16E-08	6.84E-09	0.08	0.00	1.70E-04
599280_4133720	599280	4133720	1.59E-04	0.00E+00	1.30E-08	5.76E-08	6.40E-09	0.08	0.00	1.59E-04
599300_4133720	599300	4133720	1.36E-04	0.00E+00	1.11E-08	4.92E-08	5.46E-09	0.07	0.00	1.36E-04
599320_4133720	599320	4133720	1.21E-04	0.00E+00	9.92E-09	4.39E-08	4.87E-09	0.06	0.00	1.21E-04
599340_4133720	599340	4133720	1.07E-04	0.00E+00	8.78E-09	3.88E-08	4.31E-09	0.05	0.00	1.07E-04
599360_4133720	599360	4133720	9.67E-05	0.00E+00	7.92E-09	3.50E-08	3.89E-09	0.05	0.00	9.67E-05
599380_4133720	599380	4133720	8.56E-05	0.00E+00	7.01E-09	3.10E-08	3.44E-09	0.04	0.00	8.56E-05
599400_4133720	599400	4133720	7.74E-05	0.00E+00	6.34E-09	2.80E-08	3.11E-09	0.04	0.00	7.74E-05

599420_4133720	599420	4133720	6.99E-05	0.00E+00	5.72E-09	2.53E-08	2.81E-09	0.03	0.00	6.99E-05
599440_4133720	599440	4133720	6.33E-05	0.00E+00	5.18E-09	2.29E-08	2.54E-09	0.03	0.00	6.33E-05
599460_4133720	599460	4133720	5.79E-05	0.00E+00	4.74E-09	2.10E-08	2.33E-09	0.03	0.00	5.79E-05
599480_4133720	599480	4133720	5.34E-05	0.00E+00	4.37E-09	1.93E-08	2.15E-09	0.03	0.00	5.34E-05
599500_4133720	599500	4133720	4.95E-05	0.00E+00	4.06E-09	1.79E-08	1.99E-09	0.02	0.00	4.95E-05
599520_4133720	599520	4133720	4.74E-05	0.00E+00	3.88E-09	1.72E-08	1.91E-09	0.02	0.00	4.74E-05
599540_4133720	599540	4133720	4.49E-05	0.00E+00	3.68E-09	1.63E-08	1.80E-09	0.02	0.00	4.49E-05
599560_4133720	599560	4133720	4.23E-05	0.00E+00	3.46E-09	1.53E-08	1.70E-09	0.02	0.00	4.23E-05
599580_4133720	599580	4133720	4.12E-05	0.00E+00	3.37E-09	1.49E-08	1.65E-09	0.02	0.00	4.12E-05
599220_4133740	599220	4133740	1.73E-04	0.00E+00	1.42E-08	6.26E-08	6.95E-09	0.08	0.00	1.73E-04
599240_4133740	599240	4133740	1.63E-04	0.00E+00	1.33E-08	5.89E-08	6.54E-09	0.08	0.00	1.63E-04
599260_4133740	599260	4133740	1.55E-04	0.00E+00	1.27E-08	5.59E-08	6.21E-09	0.07	0.00	1.55E-04
599280_4133740	599280	4133740	1.41E-04	0.00E+00	1.16E-08	5.11E-08	5.68E-09	0.07	0.00	1.41E-04
599300_4133740	599300	4133740	1.22E-04	0.00E+00	9.95E-09	4.40E-08	4.88E-09	0.06	0.00	1.22E-04
599320_4133740	599320	4133740	1.11E-04	0.00E+00	9.06E-09	4.01E-08	4.45E-09	0.05	0.00	1.11E-04
599340_4133740	599340	4133740	1.00E-04	0.00E+00	8.22E-09	3.63E-08	4.03E-09	0.05	0.00	1.00E-04
599360_4133740	599360	4133740	8.94E-05	0.00E+00	7.32E-09	3.23E-08	3.59E-09	0.04	0.00	8.94E-05
599380_4133740	599380	4133740	7.85E-05	0.00E+00	6.43E-09	2.84E-08	3.16E-09	0.04	0.00	7.85E-05
599400_4133740	599400	4133740	7.09E-05	0.00E+00	5.81E-09	2.57E-08	2.85E-09	0.03	0.00	7.09E-05
599420_4133740	599420	4133740	6.49E-05	0.00E+00	5.31E-09	2.35E-08	2.61E-09	0.03	0.00	6.49E-05
599440_4133740	599440	4133740	5.97E-05	0.00E+00	4.89E-09	2.16E-08	2.40E-09	0.03	0.00	5.97E-05
599460_4133740	599460	4133740	5.45E-05	0.00E+00	4.46E-09	1.97E-08	2.19E-09	0.03	0.00	5.45E-05
599480_4133740	599480	4133740	5.06E-05	0.00E+00	4.15E-09	1.83E-08	2.04E-09	0.02	0.00	5.06E-05
599500_4133740	599500	4133740	4.72E-05	0.00E+00	3.86E-09	1.71E-08	1.90E-09	0.02	0.00	4.72E-05
599520_4133740	599520	4133740	4.47E-05	0.00E+00	3.66E-09	1.62E-08	1.80E-09	0.02	0.00	4.47E-05
599540_4133740	599540	4133740	4.27E-05	0.00E+00	3.49E-09	1.54E-08	1.71E-09	0.02	0.00	4.27E-05
599260_4133760	599260	4133760	1.40E-04	0.00E+00	1.15E-08	5.08E-08	5.65E-09	0.07	0.00	1.40E-04
599280_4133760	599280	4133760	1.23E-04	0.00E+00	1.01E-08	4.45E-08	4.94E-09	0.06	0.00	1.23E-04
599300_4133760	599300	4133760	1.09E-04	0.00E+00	8.96E-09	3.96E-08	4.40E-09	0.05	0.00	1.09E-04
599320_4133760	599320	4133760	1.00E-04	0.00E+00	8.21E-09	3.63E-08	4.03E-09	0.05	0.00	1.00E-04
599340_4133760	599340	4133760	9.08E-05	0.00E+00	7.44E-09	3.29E-08	3.65E-09	0.04	0.00	9.08E-05
599360_4133760	599360	4133760	8.22E-05	0.00E+00	6.73E-09	2.98E-08	3.30E-09	0.04	0.00	8.22E-05
599380_4133760	599380	4133760	7.26E-05	0.00E+00	5.94E-09	2.63E-08	2.92E-09	0.04	0.00	7.26E-05
599400_4133760	599400	4133760	6.73E-05	0.00E+00	5.51E-09	2.44E-08	2.71E-09	0.03	0.00	6.73E-05
599420_4133760	599420	4133760	6.14E-05	0.00E+00	5.03E-09	2.22E-08	2.47E-09	0.03	0.00	6.14E-05
599440_4133760	599440	4133760	5.66E-05	0.00E+00	4.63E-09	2.05E-08	2.27E-09	0.03	0.00	5.66E-05
599460_4133760	599460	4133760	5.18E-05	0.00E+00	4.24E-09	1.88E-08	2.08E-09	0.03	0.00	5.18E-05
599480_4133760	599480	4133760	4.74E-05	0.00E+00	3.88E-09	1.72E-08	1.90E-09	0.02	0.00	4.74E-05
599500_4133760	599500	4133760	4.51E-05	0.00E+00	3.70E-09	1.63E-08	1.81E-09	0.02	0.00	4.51E-05
599340_4133780	599340	4133780	8.29E-05	0.00E+00	6.79E-09	3.00E-08	3.33E-09	0.04	0.00	8.29E-05
599360_4133780	599360	4133780	7.59E-05	0.00E+00	6.21E-09	2.75E-08	3.05E-09	0.04	0.00	7.59E-05
599380_4133780	599380	4133780	6.77E-05	0.00E+00	5.54E-09	2.45E-08	2.72E-09	0.03	0.00	6.77E-05
599400_4133780	599400	4133780	6.30E-05	0.00E+00	5.16E-09	2.28E-08	2.53E-09	0.03	0.00	6.30E-05
599420_4133780	599420	4133780	5.77E-05	0.00E+00	4.72E-09	2.09E-08	2.32E-09	0.03	0.00	5.77E-05
599440_4133780	599440	4133780	5.41E-05	0.00E+00	4.43E-09	1.96E-08	2.18E-09	0.03	0.00	5.41E-05

Residential Receptors - Unmitigated Construction Cancer Risk

				Days					Total Unmitigated DPM (tons)
			Start	6/1/2022	8/31/2022	8/31/2024			
			Stop	44803.00	8/30/2024				
				90	730				
Phase Name	Construction Year	Start Date	End Date	3rd Trimester	Age 0<2	Age 2<16	Exposure Days	Calendar Days	Onsite Offroad
FS-8 Construction	2022	6/1/2022	8/1/2022	62.00	0.00	0	62	62	7.43E-03
	2023	3/1/2023	12/31/2023	0.00	306.00	0	306	306	3.98E-02
	2024	1/1/2024	3/1/2024	0.00	61.00	0	61	61	6.35E-03
			639						

Phase Name	Construction Year	Start Date	End Date	Total Unmitigated DPM (g/s) CSTN
FS-8 Construction	2022	6/1/2022	8/1/2022	1.26E-03
	2023	3/1/2023	12/31/2023	1.37E-03
	2024	1/1/2024	3/1/2024	1.09E-03

Risk Factors

	Abbreviation	UOM	3rd Trimester	0<2	Age 2<16
Daily Breathing Rate (95th %'ile)	DBR	L/kg-day	361	1090	572
Fraction Of Time At Home	FAH	unitless	1	1	1
Exposure Frequency	EF	days/year	0.96	0.96	0.96
Age Sensitivity Factor	ASF	unitless	10	10	3
Inhalation Absorption Factor	A	unitless	1	1	1
Conversion Factor	CF_1	m^3/L	0.001	0.001	0.001
Conversion Factor	CF_2	$\mu g/m^3$	0.001	0.001	0.001
Cancer Potency Factor (diesel exha	CPF	$mg/kg\text{-}day^{-1}$	1.1	1.1	1.1
Averaging Time (for residential exp	AT	years	70.00	70.00	70.00

Intake Factor for Inhalation, IF (m^3/kg-day)

Phase Name	Construction Year	Equation	3rd Trimester	0<2	2<16
FS-8 Construction	2022	DBR*FAH*EF	0.01	0.00	0.00
	2023	*ED*ASF*A*	0.00	0.13	0.00
	2024	CF/AT	0.00	0.02	0.00

Risk Calculation Part 1, R1

	3rd Trimester	0<2	2<16
IF*CPF*CF	9.24E-06	0.00E+00	0.00E+00
	0.00E+00	1.38E-04	0.00E+00
	0.00E+00	2.74E-05	0.00E+00

REL		
DPM	5	ug/m^3

	MAX	UTM X	UTM Y	
Cancer Risk	39.33	599380	4133480	Potential Residence
Hazard Index	0.05	599380	4133480	

Diesel Particulate Matter concentration, C_{DPM} (ug/m^3)

X (UTM)	Y (UTM	FS-8 Construction 2022	2023	2024
599280	4133140	0.001	0.001	0.001
599300	4133140	0.001	0.001	0.001
599320	4133140	0.001	0.001	0.001
599340	4133140	0.001	0.001	0.001
599360	4133140	0.001	0.001	0.001
599380	4133140	0.001	0.001	0.001
599400	4133140	0.001	0.001	0.001
599420	4133140	0.002	0.002	0.001
599440	4133140	0.002	0.002	0.002
599460	4133140	0.002	0.003	0.002
599480	4133140	0.003	0.003	0.002
599240	4133160	0.001	0.001	0.000
599260	4133160	0.001	0.001	0.001
599280	4133160	0.001	0.001	0.001
599300	4133160	0.001	0.001	0.001
599320	4133160	0.001	0.001	0.001
599340	4133160	0.001	0.001	0.001
599360	4133160	0.001	0.001	0.001
599380	4133160	0.001	0.001	0.001
599400	4133160	0.002	0.002	0.001
599420	4133160	0.002	0.002	0.002
599440	4133160	0.002	0.003	0.002
599460	4133160	0.003	0.003	0.002
599480	4133160	0.003	0.004	0.003
599500	4133160	0.004	0.005	0.004
599520	4133160	0.005	0.006	0.004
599540	4133160	0.006	0.007	0.005
599200	4133180	0.001	0.001	0.000
599220	4133180	0.001	0.001	0.000
599240	4133180	0.001	0.001	0.001
599260	4133180	0.001	0.001	0.001
599280	4133180	0.001	0.001	0.001
599300	4133180	0.001	0.001	0.001
599320	4133180	0.001	0.001	0.001
599340	4133180	0.001	0.001	0.001
599360	4133180	0.001	0.001	0.001
599380	4133180	0.002	0.002	0.001
599400	4133180	0.002	0.002	0.002
599420	4133180	0.002	0.002	0.002
599440	4133180	0.003	0.003	0.002
599460	4133180	0.003	0.004	0.003
599480	4133180	0.004	0.005	0.004
599500	4133180	0.005	0.006	0.005
599520	4133180	0.006	0.007	0.006
599540	4133180	0.008	0.008	0.007
599560	4133180	0.009	0.010	0.008
599180	4133200	0.001	0.001	0.000
599200	4133200	0.001	0.001	0.001

Risk Calculation Part 2

$\sum R1*C_{DPM}$ 3rd Trimester	0<2	2<16	Total
5.76E-09	1.08E-07	0.00E+00	0.11
6.44E-09	1.21E-07	0.00E+00	0.13
7.24E-09	1.36E-07	0.00E+00	0.14
8.18E-09	1.53E-07	0.00E+00	0.16
9.34E-09	1.75E-07	0.00E+00	0.18
1.08E-08	2.02E-07	0.00E+00	0.21
1.26E-08	2.37E-07	0.00E+00	0.25
1.50E-08	2.81E-07	0.00E+00	0.30
1.80E-08	3.38E-07	0.00E+00	0.36
2.18E-08	4.08E-07	0.00E+00	0.43
2.64E-08	4.95E-07	0.00E+00	0.52
5.15E-09	9.66E-08	0.00E+00	0.10
5.70E-09	1.07E-07	0.00E+00	0.11
6.37E-09	1.19E-07	0.00E+00	0.13
7.17E-09	1.34E-07	0.00E+00	0.14
8.10E-09	1.52E-07	0.00E+00	0.16
9.20E-09	1.73E-07	0.00E+00	0.18
1.06E-08	1.99E-07	0.00E+00	0.21
1.23E-08	2.31E-07	0.00E+00	0.24
1.47E-08	2.75E-07	0.00E+00	0.29
1.76E-08	3.31E-07	0.00E+00	0.35
2.14E-08	4.02E-07	0.00E+00	0.42
2.62E-08	4.92E-07	0.00E+00	0.52
3.22E-08	6.04E-07	0.00E+00	0.64
3.93E-08	7.37E-07	0.00E+00	0.78
4.74E-08	8.89E-07	0.00E+00	0.94
5.62E-08	1.05E-06	0.00E+00	1.11
4.78E-09	8.96E-08	0.00E+00	0.09
5.19E-09	9.73E-08	0.00E+00	0.10
5.71E-09	1.07E-07	0.00E+00	0.11
6.34E-09	1.19E-07	0.00E+00	0.13
7.11E-09	1.33E-07	0.00E+00	0.14
8.02E-09	1.50E-07	0.00E+00	0.16
9.11E-09	1.71E-07	0.00E+00	0.18
1.04E-08	1.96E-07	0.00E+00	0.21
1.21E-08	2.27E-07	0.00E+00	0.24
1.43E-08	2.68E-07	0.00E+00	0.28
1.72E-08	3.23E-07	0.00E+00	0.34
2.10E-08	3.93E-07	0.00E+00	0.41
2.59E-08	4.86E-07	0.00E+00	0.51
3.22E-08	6.04E-07	0.00E+00	0.64
4.00E-08	7.50E-07	0.00E+00	0.79
4.93E-08	9.25E-07	0.00E+00	0.97
5.97E-08	1.12E-06	0.00E+00	1.18
7.04E-08	1.32E-06	0.00E+00	1.39
8.12E-08	1.52E-06	0.00E+00	1.60
4.97E-09	9.32E-08	0.00E+00	0.10
5.34E-09	1.00E+00	0.00E+00	0.11

Hazard Index Calculation

C_{DPM}/REL
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599220	4133200	0.001	0.001	0.001	5.79E-09	1.09E-07	0.00E+00	0.11	0.000
599240	4133200	0.001	0.001	0.001	6.37E-09	1.19E-07	0.00E+00	0.13	0.000
599260	4133200	0.001	0.001	0.001	7.10E-09	1.33E-07	0.00E+00	0.14	0.000
599280	4133200	0.001	0.001	0.001	7.98E-09	1.50E-07	0.00E+00	0.16	0.000
599300	4133200	0.001	0.001	0.001	9.05E-09	1.70E-07	0.00E+00	0.18	0.000
599320	4133200	0.001	0.001	0.001	1.03E-08	1.94E-07	0.00E+00	0.20	0.000
599340	4133200	0.001	0.001	0.001	1.20E-08	2.24E-07	0.00E+00	0.24	0.000
599360	4133200	0.002	0.002	0.001	1.40E-08	2.63E-07	0.00E+00	0.28	0.000
599380	4133200	0.002	0.002	0.002	1.68E-08	3.14E-07	0.00E+00	0.33	0.000
599400	4133200	0.002	0.002	0.002	2.05E-08	3.84E-07	0.00E+00	0.40	0.000
599420	4133200	0.003	0.003	0.002	2.53E-08	4.75E-07	0.00E+00	0.50	0.001
599440	4133200	0.003	0.004	0.003	3.19E-08	5.98E-07	0.00E+00	0.63	0.001
599460	4133200	0.004	0.005	0.004	4.04E-08	7.57E-07	0.00E+00	0.80	0.001
599480	4133200	0.005	0.006	0.005	5.08E-08	9.53E-07	0.00E+00	1.00	0.001
599500	4133200	0.007	0.007	0.006	6.30E-08	1.18E-06	0.00E+00	1.24	0.001
599520	4133200	0.008	0.009	0.007	7.62E-08	1.43E-06	0.00E+00	1.51	0.002
599540	4133200	0.010	0.010	0.008	8.94E-08	1.68E-06	0.00E+00	1.77	0.002
599560	4133200	0.011	0.012	0.010	1.02E-07	1.91E-06	0.00E+00	2.02	0.002
599580	4133200	0.012	0.013	0.011	1.13E-07	2.12E-06	0.00E+00	2.24	0.003
599600	4133200	0.013	0.014	0.011	1.22E-07	2.29E-06	0.00E+00	2.41	0.003
599160	4133220	0.001	0.001	0.000	5.29E-09	9.92E-08	0.00E+00	0.10	0.000
599180	4133220	0.001	0.001	0.001	5.62E-09	1.05E-07	0.00E+00	0.11	0.000
599200	4133220	0.001	0.001	0.001	6.03E-09	1.13E-07	0.00E+00	0.12	0.000
599220	4133220	0.001	0.001	0.001	6.53E-09	1.22E-07	0.00E+00	0.13	0.000
599240	4133220	0.001	0.001	0.001	7.18E-09	1.35E-07	0.00E+00	0.14	0.000
599260	4133220	0.001	0.001	0.001	8.02E-09	1.50E-07	0.00E+00	0.16	0.000
599280	4133220	0.001	0.001	0.001	9.04E-09	1.69E-07	0.00E+00	0.18	0.000
599300	4133220	0.001	0.001	0.001	1.03E-08	1.93E-07	0.00E+00	0.20	0.000
599320	4133220	0.001	0.001	0.001	1.19E-08	2.22E-07	0.00E+00	0.23	0.000
599340	4133220	0.001	0.002	0.001	1.38E-08	2.59E-07	0.00E+00	0.27	0.000
599360	4133220	0.002	0.002	0.002	1.64E-08	3.08E-07	0.00E+00	0.32	0.000
599380	4133220	0.002	0.002	0.002	2.00E-08	3.74E-07	0.00E+00	0.39	0.000
599400	4133220	0.003	0.003	0.002	2.47E-08	4.63E-07	0.00E+00	0.49	0.001
599420	4133220	0.003	0.004	0.003	3.13E-08	5.86E-07	0.00E+00	0.62	0.001
599440	4133220	0.004	0.005	0.004	4.01E-08	7.52E-07	0.00E+00	0.79	0.001
599460	4133220	0.006	0.006	0.005	5.16E-08	9.67E-07	0.00E+00	1.02	0.001
599480	4133220	0.007	0.008	0.006	6.59E-08	1.24E-06	0.00E+00	1.30	0.002
599500	4133220	0.009	0.010	0.008	8.20E-08	1.54E-06	0.00E+00	1.62	0.002
599520	4133220	0.011	0.012	0.009	9.90E-08	1.86E-06	0.00E+00	1.96	0.002
599540	4133220	0.012	0.014	0.011	1.15E-07	2.16E-06	0.00E+00	2.28	0.003
599560	4133220	0.014	0.015	0.012	1.30E-07	2.44E-06	0.00E+00	2.57	0.003
599580	4133220	0.015	0.017	0.013	1.41E-07	2.65E-06	0.00E+00	2.79	0.003
599600	4133220	0.016	0.018	0.014	1.50E-07	2.81E-06	0.00E+00	2.96	0.004
599620	4133220	0.017	0.018	0.015	1.54E-07	2.90E-06	0.00E+00	3.05	0.004
599140	4133240	0.001	0.001	0.001	5.71E-09	1.07E-07	0.00E+00	0.11	0.000
599160	4133240	0.001	0.001	0.001	6.03E-09	1.13E-07	0.00E+00	0.12	0.000
599180	4133240	0.001	0.001	0.001	6.41E-09	1.20E-07	0.00E+00	0.13	0.000
599200	4133240	0.001	0.001	0.001	6.89E-09	1.29E-07	0.00E+00	0.14	0.000
599220	4133240	0.001	0.001	0.001	7.46E-09	1.40E-07	0.00E+00	0.15	0.000
599240	4133240	0.001	0.001	0.001	8.20E-09	1.54E-07	0.00E+00	0.16	0.000
599260	4133240	0.001	0.001	0.001	9.15E-09	1.72E-07	0.00E+00	0.18	0.000
599280	4133240	0.001	0.001	0.001	1.03E-08	1.94E-07	0.00E+00	0.20	0.000
599300	4133240	0.001	0.001	0.001	1.18E-08	2.22E-07	0.00E+00	0.23	0.000
599320	4133240	0.001	0.002	0.001	1.37E-08	2.57E-07	0.00E+00	0.27	0.000
599340	4133240	0.002	0.002	0.002	1.62E-08	3.04E-07	0.00E+00	0.32	0.000
599360	4133240	0.002	0.002	0.002	1.95E-08	3.66E-07	0.00E+00	0.39	0.000
599380	4133240	0.003	0.003	0.002	2.40E-08	4.51E-07	0.00E+00	0.47	0.001
599400	4133240	0.003	0.004	0.003	3.04E-08	5.69E-07	0.00E+00	0.60	0.001
599420	4133240	0.004	0.005	0.004	3.94E-08	7.39E-07	0.00E+00	0.78	0.001
599440	4133240	0.006	0.006	0.005	5.18E-08	9.71E-07	0.00E+00	1.02	0.001
599460	4133240	0.007	0.008	0.006	6.79E-08	1.27E-06	0.00E+00	1.34	0.002
599480	4133240	0.009	0.010	0.008	8.77E-08	1.64E-06	0.00E+00	1.73	0.002
599500	4133240	0.012	0.013	0.010	1.09E-07	2.04E-06	0.00E+00	2.15	0.003
599520	4133240	0.014	0.015	0.012	1.31E-07	2.45E-06	0.00E+00	2.59	0.003
599540	4133240	0.016	0.018	0.014	1.51E-07	2.82E-06	0.00E+00	2.97	0.004
599560	4133240	0.018	0.019	0.016	1.66E-07	3.11E-06	0.00E+00	3.28	0.004
599580	4133240	0.019	0.021	0.017	1.77E-07	3.31E-06	0.00E+00	3.49	0.004
599600	4133240	0.020	0.021	0.017	1.83E-07	3.43E-06	0.00E+00	3.62	0.004
599620	4133240	0.020	0.022	0.017	1.84E-07	3.44E-06	0.00E+00	3.63	0.004
599640	4133240	0.020	0.021	0.017	1.81E-07	3.40E-06	0.00E+00	3.58	0.004
599120	4133260	0.001	0.001	0.001	6.17E-09	1.16E-07	0.00E+00	0.12	0.000
599140	4133260	0.001	0.001	0.001	6.54E-09	1.23E-07	0.00E+00	0.13	0.000
599160	4133260	0.001	0.001	0.001	6.95E-09	1.30E-07	0.00E+00	0.14	0.000
599180	4133260	0.001	0.001	0.001	7.42E-09	1.39E-07	0.00E+00	0.15	0.000
599200	4133260	0.001	0.001	0.001	7.97E-09	1.49E-07	0.00E+00	0.16	0.000
599220	4133260	0.001	0.001	0.001	8.64E-09	1.62E-07	0.00E+00	0.17	0.000
599240	4133260	0.001	0.001	0.001	9.49E-09	1.78E-07	0.00E+00	0.19	0.000
599260	4133260	0.001	0.001	0.001	1.06E-08	1.98E-07	0.00E+00	0.21	0.000
599280	4133260	0.001	0.001	0.001	1.20E-08	2.24E-07	0.00E+00	0.24	0.000
599300	4133260	0.001	0.002	0.001	1.38E-08	2.58E-07	0.00E+00	0.27	0.000
599320	4133260	0.002	0.002	0.002	1.61E-08	3.02E-07	0.00E+00	0.32	0.000
599340	4133260	0.002	0.002	0.002	1.92E-08	3.60E-07	0.00E+00	0.38	0.000
599360	4133260	0.003	0.003	0.002	2.35E-08	4.41E-07	0.00E+00	0.46	0.001
599380	4133260	0.003	0.003	0.003	2.95E-08	5.53E-07	0.00E+00	0.58	0.001
599400	4133260	0.004	0.005	0.004	3.83E-08	7.19E-07	0.00E+00	0.76	0.001
599420	4133260	0.006	0.006	0.005	5.13E-08	9.62E-07	0.00E+00	1.01	0.001
599440	4133260	0.007	0.008	0.007	6.92E-08	1.30E-06	0.00E+00	1.37	0.002
599460	4133260	0.010	0.011	0.009	9.26E-08	1.74E-06	0.00E+00	1.83	0.002
599480	4133260	0.013	0.014	0.011	1.20E-07	2.25E-06	0.00E+00	2.37	0.003
599500	4133260	0.016	0.017	0.014	1.48E-07	2.78E-06	0.00E+00	2.93	0.003
599520	4133260	0.019	0.021	0.016	1.75E-07	3.28E-06	0.00E+00	3.46	0.004
599540	4133260	0.021	0.023	0.019	1.97E-07	3.70E-06	0.00E+00	3.89	0.005
599560	4133260	0.023	0.025	0.020	2.12E-07	3.98E-06	0.00E+00	4.19	0.005
599580	4133260	0.024	0.026	0.021	2.20E-07	4.13E-06	0.00E+00	4.35	0.005
599600	4133260	0.024	0.026	0.021	2.21E-07	4.14E-06	0.00E+00	4.36	0.005
599620	4133260	0.023	0.025	0.020	2.16E-07	4.05E-06	0.00E+00	4.27	0.005
599640	4133260	0.022	0.024	0.020	2.08E-07	3.89E-06	0.00E+00	4.10	0.005
599120	4133280	0.001	0.001	0.001	7.06E-09	1.32E-07	0.00E+00	0.14	0.000

599140	4133280	0.001	0.001	0.001	7.54E-09	1.41E-07	0.00E+00	0.15	0.000
599160	4133280	0.001	0.001	0.001	8.07E-09	1.51E-07	0.00E+00	0.16	0.000
599180	4133280	0.001	0.001	0.001	8.67E-09	1.63E-07	0.00E+00	0.17	0.000
599200	4133280	0.001	0.001	0.001	9.32E-09	1.75E-07	0.00E+00	0.18	0.000
599220	4133280	0.001	0.001	0.001	1.01E-08	1.90E-07	0.00E+00	0.20	0.000
599240	4133280	0.001	0.001	0.001	1.12E-08	2.09E-07	0.00E+00	0.22	0.000
599260	4133280	0.001	0.001	0.001	1.24E-08	2.32E-07	0.00E+00	0.24	0.000
599280	4133280	0.002	0.002	0.001	1.41E-08	2.64E-07	0.00E+00	0.28	0.000
599300	4133280	0.002	0.002	0.002	1.63E-08	3.05E-07	0.00E+00	0.32	0.000
599320	4133280	0.002	0.002	0.002	1.92E-08	3.61E-07	0.00E+00	0.38	0.000
599340	4133280	0.003	0.003	0.002	2.33E-08	4.37E-07	0.00E+00	0.46	0.001
599360	4133280	0.003	0.003	0.003	2.89E-08	5.41E-07	0.00E+00	0.57	0.001
599380	4133280	0.004	0.004	0.003	3.71E-08	6.96E-07	0.00E+00	0.73	0.001
599400	4133280	0.005	0.006	0.005	4.97E-08	9.32E-07	0.00E+00	0.98	0.001
599420	4133280	0.007	0.008	0.006	6.91E-08	1.30E-06	0.00E+00	1.36	0.002
599440	4133280	0.010	0.011	0.009	9.61E-08	1.80E-06	0.00E+00	1.90	0.002
599460	4133280	0.014	0.015	0.012	1.31E-07	2.45E-06	0.00E+00	2.58	0.003
599480	4133280	0.018	0.020	0.016	1.69E-07	3.16E-06	0.00E+00	3.33	0.004
599500	4133280	0.022	0.024	0.019	2.06E-07	3.86E-06	0.00E+00	4.07	0.005
599520	4133280	0.026	0.028	0.022	2.37E-07	4.44E-06	0.00E+00	4.68	0.006
599540	4133280	0.028	0.030	0.024	2.59E-07	4.85E-06	0.00E+00	5.11	0.006
599560	4133280	0.029	0.032	0.025	2.69E-07	5.05E-06	0.00E+00	5.32	0.006
599580	4133280	0.029	0.032	0.025	2.70E-07	5.07E-06	0.00E+00	5.34	0.006
599600	4133280	0.028	0.031	0.025	2.63E-07	4.93E-06	0.00E+00	5.19	0.006
599620	4133280	0.027	0.029	0.023	2.50E-07	4.68E-06	0.00E+00	4.93	0.006
599640	4133280	0.025	0.027	0.022	2.33E-07	4.36E-06	0.00E+00	4.60	0.005
599660	4133280	0.023	0.025	0.020	2.15E-07	4.03E-06	0.00E+00	4.24	0.005
599100	4133300	0.001	0.001	0.001	7.55E-09	1.42E-07	0.00E+00	0.15	0.000
599120	4133300	0.001	0.001	0.001	8.08E-09	1.52E-07	0.00E+00	0.16	0.000
599140	4133300	0.001	0.001	0.001	8.69E-09	1.63E-07	0.00E+00	0.17	0.000
599160	4133300	0.001	0.001	0.001	9.41E-09	1.76E-07	0.00E+00	0.19	0.000
599180	4133300	0.001	0.001	0.001	1.02E-08	1.91E-07	0.00E+00	0.20	0.000
599200	4133300	0.001	0.001	0.001	1.11E-08	2.07E-07	0.00E+00	0.22	0.000
599220	4133300	0.001	0.001	0.001	1.21E-08	2.26E-07	0.00E+00	0.24	0.000
599240	4133300	0.001	0.002	0.001	1.33E-08	2.49E-07	0.00E+00	0.26	0.000
599260	4133300	0.002	0.002	0.001	1.48E-08	2.78E-07	0.00E+00	0.29	0.000
599280	4133300	0.002	0.002	0.002	1.68E-08	3.15E-07	0.00E+00	0.33	0.000
599300	4133300	0.002	0.002	0.002	1.96E-08	3.68E-07	0.00E+00	0.39	0.000
599320	4133300	0.003	0.003	0.002	2.34E-08	4.39E-07	0.00E+00	0.46	0.001
599340	4133300	0.003	0.003	0.003	2.87E-08	5.39E-07	0.00E+00	0.57	0.001
599360	4133300	0.004	0.004	0.003	3.63E-08	6.80E-07	0.00E+00	0.72	0.001
599380	4133300	0.005	0.006	0.005	4.82E-08	9.03E-07	0.00E+00	0.95	0.001
599400	4133300	0.007	0.008	0.006	6.72E-08	1.26E-06	0.00E+00	1.33	0.002
599420	4133300	0.011	0.011	0.009	9.71E-08	1.82E-06	0.00E+00	1.92	0.002
599440	4133300	0.015	0.016	0.013	1.40E-07	2.62E-06	0.00E+00	2.76	0.003
599460	4133300	0.021	0.023	0.018	1.92E-07	3.59E-06	0.00E+00	3.79	0.005
599480	4133300	0.027	0.029	0.023	2.45E-07	4.60E-06	0.00E+00	4.84	0.006
599500	4133300	0.031	0.034	0.027	2.91E-07	5.45E-06	0.00E+00	5.74	0.007
599520	4133300	0.035	0.038	0.030	3.22E-07	6.04E-06	0.00E+00	6.37	0.008
599540	4133300	0.037	0.040	0.032	3.38E-07	6.34E-06	0.00E+00	6.68	0.008
599560	4133300	0.037	0.040	0.032	3.38E-07	6.33E-06	0.00E+00	6.67	0.008
599580	4133300	0.035	0.038	0.030	3.24E-07	6.07E-06	0.00E+00	6.39	0.008
599600	4133300	0.033	0.036	0.029	3.04E-07	5.70E-06	0.00E+00	6.00	0.007
599620	4133300	0.030	0.033	0.026	2.80E-07	5.24E-06	0.00E+00	5.52	0.007
599640	4133300	0.027	0.030	0.024	2.54E-07	4.76E-06	0.00E+00	5.01	0.006
599660	4133300	0.025	0.027	0.021	2.28E-07	4.27E-06	0.00E+00	4.50	0.005
599680	4133300	0.022	0.024	0.019	2.04E-07	3.82E-06	0.00E+00	4.02	0.005
599100	4133320	0.001	0.001	0.001	8.62E-09	1.62E-07	0.00E+00	0.17	0.000
599120	4133320	0.001	0.001	0.001	9.31E-09	1.74E-07	0.00E+00	0.18	0.000
599140	4133320	0.001	0.001	0.001	1.01E-08	1.89E-07	0.00E+00	0.20	0.000
599160	4133320	0.001	0.001	0.001	1.10E-08	2.06E-07	0.00E+00	0.22	0.000
599180	4133320	0.001	0.001	0.001	1.21E-08	2.26E-07	0.00E+00	0.24	0.000
599200	4133320	0.001	0.002	0.001	1.32E-08	2.48E-07	0.00E+00	0.26	0.000
599220	4133320	0.002	0.002	0.001	1.46E-08	2.73E-07	0.00E+00	0.29	0.000
599240	4133320	0.002	0.002	0.002	1.62E-08	3.04E-07	0.00E+00	0.32	0.000
599260	4133320	0.002	0.002	0.002	1.81E-08	3.40E-07	0.00E+00	0.36	0.000
599280	4133320	0.002	0.002	0.002	2.07E-08	3.88E-07	0.00E+00	0.41	0.000
599300	4133320	0.003	0.003	0.002	2.42E-08	4.54E-07	0.00E+00	0.48	0.001
599340	4133320	0.004	0.004	0.003	3.63E-08	6.81E-07	0.00E+00	0.72	0.001
599360	4133320	0.005	0.006	0.004	4.71E-08	8.84E-07	0.00E+00	0.93	0.001
599380	4133320	0.007	0.008	0.006	6.49E-08	1.22E-06	0.00E+00	1.28	0.002
599400	4133320	0.010	0.011	0.009	9.57E-08	1.79E-06	0.00E+00	1.89	0.002
599420	4133320	0.016	0.017	0.014	1.45E-07	2.72E-06	0.00E+00	2.86	0.003
599440	4133320	0.023	0.025	0.020	2.15E-07	4.03E-06	0.00E+00	4.25	0.005
599460	4133320	0.032	0.034	0.028	2.93E-07	5.50E-06	0.00E+00	5.80	0.007
599480	4133320	0.040	0.043	0.034	3.66E-07	6.86E-06	0.00E+00	7.22	0.009
599500	4133320	0.045	0.049	0.039	4.14E-07	7.76E-06	0.00E+00	8.18	0.010
599520	4133320	0.047	0.051	0.041	4.36E-07	8.18E-06	0.00E+00	8.62	0.010
599540	4133320	0.047	0.051	0.041	4.34E-07	8.13E-06	0.00E+00	8.57	0.010
599560	4133320	0.044	0.048	0.039	4.11E-07	7.70E-06	0.00E+00	8.11	0.010
599580	4133320	0.041	0.044	0.035	3.77E-07	7.06E-06	0.00E+00	7.44	0.009
599600	4133320	0.037	0.040	0.032	3.39E-07	6.36E-06	0.00E+00	6.70	0.008
599620	4133320	0.033	0.035	0.028	3.01E-07	5.64E-06	0.00E+00	5.94	0.007
599640	4133320	0.029	0.031	0.025	2.65E-07	4.97E-06	0.00E+00	5.23	0.006
599660	4133320	0.025	0.027	0.022	2.32E-07	4.35E-06	0.00E+00	4.59	0.005
599680	4133320	0.022	0.024	0.019	2.03E-07	3.80E-06	0.00E+00	4.00	0.005
599080	4133340	0.001	0.001	0.001	9.06E-09	1.70E-07	0.00E+00	0.18	0.000
599100	4133340	0.001	0.001	0.001	9.85E-09	1.85E-07	0.00E+00	0.19	0.000
599120	4133340	0.001	0.001	0.001	1.08E-08	2.02E-07	0.00E+00	0.21	0.000
599140	4133340	0.001	0.001	0.001	1.18E-08	2.21E-07	0.00E+00	0.23	0.000
599160	4133340	0.001	0.002	0.001	1.29E-08	2.43E-07	0.00E+00	0.26	0.000
599180	4133340	0.002	0.002	0.001	1.44E-08	2.70E-07	0.00E+00	0.28	0.000
599200	4133340	0.002	0.002	0.002	1.60E-08	3.00E-07	0.00E+00	0.32	0.000
599220	4133340	0.002	0.002	0.002	1.79E-08	3.36E-07	0.00E+00	0.35	0.000
599240	4133340	0.002	0.002	0.002	2.00E-08	3.75E-07	0.00E+00	0.39	0.000
599260	4133340	0.002	0.003	0.002	2.27E-08	4.25E-07	0.00E+00	0.45	0.001
599280	4133340	0.003	0.003	0.002	2.61E-08	4.90E-07	0.00E+00	0.52	0.001
599360	4133340	0.007	0.007	0.006	6.36E-08	1.19E-06	0.00E+00	1.26	0.001

599420	4133340	0.025	0.028	0.022	2.35E-07	4.41E-06	0.00E+00	4.64	0.006
599440	4133340	0.038	0.041	0.033	3.53E-07	6.61E-06	0.00E+00	6.96	0.008
599460	4133340	0.051	0.055	0.044	4.68E-07	8.78E-06	0.00E+00	9.25	0.011
599480	4133340	0.060	0.065	0.052	5.52E-07	1.03E-05	0.00E+00	10.90	0.013
599500	4133340	0.063	0.069	0.055	5.85E-07	1.10E-05	0.00E+00	11.55	0.014
599520	4133340	0.062	0.068	0.054	5.75E-07	1.08E-05	0.00E+00	11.37	0.014
599540	4133340	0.058	0.063	0.050	5.35E-07	1.00E-05	0.00E+00	10.57	0.013
599560	4133340	0.052	0.056	0.045	4.78E-07	8.96E-06	0.00E+00	9.44	0.011
599580	4133340	0.045	0.049	0.039	4.18E-07	7.84E-06	0.00E+00	8.26	0.010
599600	4133340	0.039	0.042	0.034	3.61E-07	6.76E-06	0.00E+00	7.12	0.008
599620	4133340	0.033	0.036	0.029	3.09E-07	5.79E-06	0.00E+00	6.10	0.007
599640	4133340	0.029	0.031	0.025	2.64E-07	4.96E-06	0.00E+00	5.22	0.006
599660	4133340	0.024	0.026	0.021	2.26E-07	4.23E-06	0.00E+00	4.46	0.005
599680	4133340	0.021	0.023	0.018	1.93E-07	3.62E-06	0.00E+00	3.82	0.005
599080	4133360	0.001	0.001	0.001	1.03E-08	1.92E-07	0.00E+00	0.20	0.000
599100	4133360	0.001	0.001	0.001	1.13E-08	2.12E-07	0.00E+00	0.22	0.000
599120	4133360	0.001	0.001	0.001	1.24E-08	2.33E-07	0.00E+00	0.25	0.000
599140	4133360	0.001	0.002	0.001	1.38E-08	2.58E-07	0.00E+00	0.27	0.000
599160	4133360	0.002	0.002	0.001	1.54E-08	2.88E-07	0.00E+00	0.30	0.000
599180	4133360	0.002	0.002	0.002	1.73E-08	3.24E-07	0.00E+00	0.34	0.000
599200	4133360	0.002	0.002	0.002	1.95E-08	3.66E-07	0.00E+00	0.39	0.000
599220	4133360	0.002	0.003	0.002	2.21E-08	4.15E-07	0.00E+00	0.44	0.001
599240	4133360	0.003	0.003	0.002	2.53E-08	4.74E-07	0.00E+00	0.50	0.001
599420	4133360	0.045	0.049	0.039	4.19E-07	7.87E-06	0.00E+00	8.28	0.010
599440	4133360	0.067	0.073	0.058	6.18E-07	1.16E-05	0.00E+00	12.20	0.015
599460	4133360	0.083	0.090	0.072	7.68E-07	1.44E-05	0.00E+00	15.16	0.018
599480	4133360	0.089	0.097	0.078	8.25E-07	1.55E-05	0.00E+00	16.29	0.019
599500	4133360	0.086	0.094	0.075	7.97E-07	1.50E-05	0.00E+00	15.75	0.019
599520	4133360	0.078	0.085	0.068	7.20E-07	1.35E-05	0.00E+00	14.22	0.017
599540	4133360	0.067	0.073	0.058	6.18E-07	1.16E-05	0.00E+00	12.21	0.015
599560	4133360	0.056	0.061	0.049	5.21E-07	9.76E-06	0.00E+00	10.29	0.012
599580	4133360	0.047	0.051	0.041	4.33E-07	8.13E-06	0.00E+00	8.56	0.010
599600	4133360	0.039	0.042	0.034	3.59E-07	6.73E-06	0.00E+00	7.09	0.008
599620	4133360	0.032	0.035	0.028	2.98E-07	5.59E-06	0.00E+00	5.89	0.007
599640	4133360	0.027	0.029	0.023	2.49E-07	4.66E-06	0.00E+00	4.91	0.006
599660	4133360	0.023	0.024	0.020	2.08E-07	3.90E-06	0.00E+00	4.11	0.005
599680	4133360	0.019	0.021	0.017	1.76E-07	3.29E-06	0.00E+00	3.47	0.004
599700	4133360	0.016	0.018	0.014	1.49E-07	2.80E-06	0.00E+00	2.94	0.004
599080	4133380	0.001	0.001	0.001	1.17E-08	2.19E-07	0.00E+00	0.23	0.000
599100	4133380	0.001	0.002	0.001	1.29E-08	2.42E-07	0.00E+00	0.26	0.000
599120	4133380	0.002	0.002	0.001	1.44E-08	2.70E-07	0.00E+00	0.28	0.000
599140	4133380	0.002	0.002	0.002	1.61E-08	3.03E-07	0.00E+00	0.32	0.000
599160	4133380	0.002	0.002	0.002	1.83E-08	3.43E-07	0.00E+00	0.36	0.000
599180	4133380	0.002	0.002	0.002	2.08E-08	3.90E-07	0.00E+00	0.41	0.000
599200	4133380	0.003	0.003	0.002	2.38E-08	4.47E-07	0.00E+00	0.47	0.001
599220	4133380	0.003	0.003	0.003	2.73E-08	5.13E-07	0.00E+00	0.54	0.001
599440	4133380	0.123	0.133	0.107	1.14E-06	2.13E-05	0.00E+00	22.43	0.027
599460	4133380	0.135	0.146	0.117	1.24E-06	2.33E-05	0.00E+00	24.55	0.029
599480	4133380	0.127	0.137	0.110	1.17E-06	2.19E-05	0.00E+00	23.09	0.027
599500	4133380	0.109	0.118	0.095	1.01E-06	1.89E-05	0.00E+00	19.88	0.024
599520	4133380	0.089	0.096	0.077	8.21E-07	1.54E-05	0.00E+00	16.21	0.019
599540	4133380	0.071	0.077	0.061	6.54E-07	1.23E-05	0.00E+00	12.91	0.015
599560	4133380	0.056	0.061	0.049	5.18E-07	9.72E-06	0.00E+00	10.24	0.012
599580	4133380	0.045	0.048	0.039	4.12E-07	7.73E-06	0.00E+00	8.14	0.010
599600	4133380	0.036	0.039	0.031	3.31E-07	6.20E-06	0.00E+00	6.53	0.008
599620	4133380	0.029	0.032	0.025	2.69E-07	5.04E-06	0.00E+00	5.31	0.006
599640	4133380	0.024	0.026	0.021	2.20E-07	4.12E-06	0.00E+00	4.34	0.005
599660	4133380	0.020	0.021	0.017	1.82E-07	3.41E-06	0.00E+00	3.59	0.004
599680	4133380	0.016	0.018	0.014	1.52E-07	2.85E-06	0.00E+00	3.00	0.004
599700	4133380	0.014	0.015	0.012	1.29E-07	2.41E-06	0.00E+00	2.54	0.003
599060	4133400	0.001	0.001	0.001	1.20E-08	2.26E-07	0.00E+00	0.24	0.000
599080	4133400	0.001	0.002	0.001	1.34E-08	2.51E-07	0.00E+00	0.26	0.000
599100	4133400	0.002	0.002	0.001	1.49E-08	2.80E-07	0.00E+00	0.29	0.000
599120	4133400	0.002	0.002	0.002	1.68E-08	3.15E-07	0.00E+00	0.33	0.000
599140	4133400	0.002	0.002	0.002	1.91E-08	3.57E-07	0.00E+00	0.38	0.000
599160	4133400	0.002	0.003	0.002	2.19E-08	4.10E-07	0.00E+00	0.43	0.001
599180	4133400	0.003	0.003	0.002	2.52E-08	4.72E-07	0.00E+00	0.50	0.001
599200	4133400	0.003	0.003	0.003	2.92E-08	5.48E-07	0.00E+00	0.58	0.001
599220	4133400	0.004	0.004	0.003	3.42E-08	6.41E-07	0.00E+00	0.68	0.001
599480	4133400	0.158	0.172	0.138	1.46E-06	2.75E-05	0.00E+00	28.91	0.034
599500	4133400	0.120	0.130	0.104	1.10E-06	2.07E-05	0.00E+00	21.82	0.026
599520	4133400	0.088	0.096	0.077	8.16E-07	1.53E-05	0.00E+00	16.12	0.019
599540	4133400	0.066	0.071	0.057	6.09E-07	1.14E-05	0.00E+00	12.02	0.014
599560	4133400	0.050	0.054	0.043	4.61E-07	8.65E-06	0.00E+00	9.11	0.011
599580	4133400	0.039	0.042	0.033	3.56E-07	6.68E-06	0.00E+00	7.03	0.008
599600	4133400	0.030	0.033	0.026	2.81E-07	5.27E-06	0.00E+00	5.55	0.007
599620	4133400	0.024	0.026	0.021	2.25E-07	4.22E-06	0.00E+00	4.44	0.005
599640	4133400	0.020	0.021	0.017	1.83E-07	3.42E-06	0.00E+00	3.61	0.004
599660	4133400	0.016	0.018	0.014	1.51E-07	2.82E-06	0.00E+00	2.97	0.004
599680	4133400	0.014	0.015	0.012	1.26E-07	2.36E-06	0.00E+00	2.49	0.003
599700	4133400	0.012	0.013	0.010	1.07E-07	2.00E-06	0.00E+00	2.11	0.003
599060	4133420	0.001	0.002	0.001	1.37E-08	2.57E-07	0.00E+00	0.27	0.000
599080	4133420	0.002	0.002	0.001	1.54E-08	2.88E-07	0.00E+00	0.30	0.000
599100	4133420	0.002	0.002	0.002	1.73E-08	3.25E-07	0.00E+00	0.34	0.000
599120	4133420	0.002	0.002	0.002	1.97E-08	3.69E-07	0.00E+00	0.39	0.000
599140	4133420	0.002	0.003	0.002	2.27E-08	4.26E-07	0.00E+00	0.45	0.001
599160	4133420	0.003	0.003	0.002	2.63E-08	4.93E-07	0.00E+00	0.52	0.001
599180	4133420	0.003	0.004	0.003	3.08E-08	5.77E-07	0.00E+00	0.61	0.001
599200	4133420	0.004	0.004	0.003	3.66E-08	6.87E-07	0.00E+00	0.72	0.001
599220	4133420	0.005	0.005	0.004	4.42E-08	8.29E-07	0.00E+00	0.87	0.001
599240	4133420	0.006	0.006	0.005	5.47E-08	1.03E-06	0.00E+00	1.08	0.001
599500	4133420	0.106	0.115	0.092	9.84E-07	1.84E-05	0.00E+00	19.42	0.023
599520	4133420	0.073	0.080	0.064	6.79E-07	1.27E-05	0.00E+00	13.41	0.016
599540	4133420	0.053	0.057	0.046	4.87E-07	9.14E-06	0.00E+00	9.63	0.011
599560	4133420	0.039	0.043	0.034	3.63E-07	6.80E-06	0.00E+00	7.16	0.009
599580	4133420	0.030	0.033	0.026	2.78E-07	5.22E-06	0.00E+00	5.50	0.007
599600	4133420	0.024	0.026	0.021	2.20E-07	4.12E-06	0.00E+00	4.34	0.005
599620	4133420	0.019	0.021	0.017	1.76E-07	3.30E-06	0.00E+00	3.48	0.004

599640	4133420	0.016	0.017	0.014	1.44E-07	2.70E-06	0.00E+00	2.85	0.003
599660	4133420	0.013	0.014	0.011	1.20E-07	2.24E-06	0.00E+00	2.36	0.003
599680	4133420	0.011	0.012	0.010	1.01E-07	1.90E-06	0.00E+00	2.00	0.002
599700	4133420	0.009	0.010	0.008	8.67E-08	1.63E-06	0.00E+00	1.71	0.002
599060	4133440	0.002	0.002	0.001	1.59E-08	2.98E-07	0.00E+00	0.31	0.000
599080	4133440	0.002	0.002	0.002	1.79E-08	3.36E-07	0.00E+00	0.35	0.000
599100	4133440	0.002	0.002	0.002	2.04E-08	3.82E-07	0.00E+00	0.40	0.000
599120	4133440	0.003	0.003	0.002	2.35E-08	4.41E-07	0.00E+00	0.46	0.001
599140	4133440	0.003	0.003	0.003	2.74E-08	5.13E-07	0.00E+00	0.54	0.001
599160	4133440	0.003	0.004	0.003	3.21E-08	6.01E-07	0.00E+00	0.63	0.001
599180	4133440	0.004	0.004	0.004	3.83E-08	7.18E-07	0.00E+00	0.76	0.001
599200	4133440	0.005	0.005	0.004	4.64E-08	8.71E-07	0.00E+00	0.92	0.001
599220	4133440	0.006	0.007	0.005	5.79E-08	1.09E-06	0.00E+00	1.14	0.001
599240	4133440	0.008	0.009	0.007	7.45E-08	1.40E-06	0.00E+00	1.47	0.002
599260	4133440	0.011	0.012	0.009	9.82E-08	1.84E-06	0.00E+00	1.94	0.002
599280	4133440	0.015	0.016	0.013	1.35E-07	2.54E-06	0.00E+00	2.67	0.003
599480	4133440	0.115	0.124	0.100	1.06E-06	1.99E-05	0.00E+00	20.92	0.025
599500	4133440	0.074	0.080	0.064	6.81E-07	1.28E-05	0.00E+00	13.45	0.016
599520	4133440	0.051	0.055	0.044	4.69E-07	8.79E-06	0.00E+00	9.25	0.011
599540	4133440	0.037	0.040	0.032	3.40E-07	6.38E-06	0.00E+00	6.72	0.008
599560	4133440	0.028	0.030	0.024	2.58E-07	4.84E-06	0.00E+00	5.10	0.006
599580	4133440	0.022	0.024	0.019	2.03E-07	3.80E-06	0.00E+00	4.00	0.005
599600	4133440	0.018	0.019	0.015	1.62E-07	3.04E-06	0.00E+00	3.20	0.004
599620	4133440	0.014	0.016	0.012	1.32E-07	2.48E-06	0.00E+00	2.62	0.003
599640	4133440	0.012	0.013	0.010	1.10E-07	2.06E-06	0.00E+00	2.17	0.003
599660	4133440	0.010	0.011	0.009	9.32E-08	1.75E-06	0.00E+00	1.84	0.002
599680	4133440	0.009	0.009	0.008	8.00E-08	1.50E-06	0.00E+00	1.58	0.002
599700	4133440	0.008	0.008	0.007	6.95E-08	1.30E-06	0.00E+00	1.37	0.002
599060	4133460	0.002	0.002	0.002	1.84E-08	3.46E-07	0.00E+00	0.36	0.000
599080	4133460	0.002	0.002	0.002	2.10E-08	3.95E-07	0.00E+00	0.42	0.000
599100	4133460	0.003	0.003	0.002	2.43E-08	4.55E-07	0.00E+00	0.48	0.001
599120	4133460	0.003	0.003	0.003	2.83E-08	5.30E-07	0.00E+00	0.56	0.001
599140	4133460	0.004	0.004	0.003	3.34E-08	6.27E-07	0.00E+00	0.66	0.001
599160	4133460	0.004	0.005	0.004	3.99E-08	7.48E-07	0.00E+00	0.79	0.001
599180	4133460	0.005	0.006	0.005	4.87E-08	9.12E-07	0.00E+00	0.96	0.001
599200	4133460	0.007	0.007	0.006	6.07E-08	1.14E-06	0.00E+00	1.20	0.001
599220	4133460	0.008	0.009	0.007	7.81E-08	1.46E-06	0.00E+00	1.54	0.002
599240	4133460	0.011	0.012	0.010	1.04E-07	1.95E-06	0.00E+00	2.05	0.002
599260	4133460	0.016	0.017	0.014	1.44E-07	2.69E-06	0.00E+00	2.84	0.003
599480	4133460	0.062	0.067	0.054	5.71E-07	1.07E-05	0.00E+00	11.28	0.013
599500	4133460	0.043	0.047	0.037	3.97E-07	7.44E-06	0.00E+00	7.84	0.009
599520	4133460	0.031	0.034	0.027	2.91E-07	5.46E-06	0.00E+00	5.75	0.007
599540	4133460	0.024	0.026	0.021	2.25E-07	4.22E-06	0.00E+00	4.45	0.005
599560	4133460	0.019	0.021	0.017	1.77E-07	3.32E-06	0.00E+00	3.50	0.004
599580	4133460	0.015	0.017	0.013	1.43E-07	2.68E-06	0.00E+00	2.83	0.003
599600	4133460	0.013	0.014	0.011	1.18E-07	2.21E-06	0.00E+00	2.33	0.003
599620	4133460	0.011	0.012	0.009	9.89E-08	1.85E-06	0.00E+00	1.95	0.002
599640	4133460	0.009	0.010	0.008	8.41E-08	1.58E-06	0.00E+00	1.66	0.002
599660	4133460	0.008	0.009	0.007	7.27E-08	1.36E-06	0.00E+00	1.44	0.002
599680	4133460	0.007	0.007	0.006	6.36E-08	1.19E-06	0.00E+00	1.26	0.001
599700	4133460	0.006	0.007	0.005	5.59E-08	1.05E-06	0.00E+00	1.10	0.001
599060	4133480	0.002	0.003	0.002	2.16E-08	4.05E-07	0.00E+00	0.43	0.001
599080	4133480	0.003	0.003	0.002	2.50E-08	4.68E-07	0.00E+00	0.49	0.001
599100	4133480	0.003	0.003	0.003	2.91E-08	5.46E-07	0.00E+00	0.57	0.001
599120	4133480	0.004	0.004	0.003	3.44E-08	6.45E-07	0.00E+00	0.68	0.001
599140	4133480	0.004	0.005	0.004	4.12E-08	7.73E-07	0.00E+00	0.81	0.001
599160	4133480	0.005	0.006	0.005	5.02E-08	9.42E-07	0.00E+00	0.99	0.001
599180	4133480	0.007	0.007	0.006	6.22E-08	1.17E-06	0.00E+00	1.23	0.001
599200	4133480	0.009	0.009	0.007	7.95E-08	1.49E-06	0.00E+00	1.57	0.002
599220	4133480	0.011	0.012	0.010	1.05E-07	1.97E-06	0.00E+00	2.07	0.002
599240	4133480	0.015	0.017	0.013	1.43E-07	2.67E-06	0.00E+00	2.82	0.003
599360	4133480	0.201	0.218	0.174	1.86E-06	3.48E-05	0.00E+00	36.66	0.044
599380	4133480	0.216	0.234	0.187	1.99E-06	3.73E-05	0.00E+00	39.33	0.047
599500	4133480	0.026	0.028	0.022	2.37E-07	4.45E-06	0.00E+00	4.69	0.006
599520	4133480	0.020	0.022	0.018	1.87E-07	3.51E-06	0.00E+00	3.70	0.004
599540	4133480	0.017	0.018	0.014	1.53E-07	2.88E-06	0.00E+00	3.03	0.004
599560	4133480	0.013	0.015	0.012	1.25E-07	2.34E-06	0.00E+00	2.46	0.003
599580	4133480	0.011	0.012	0.010	1.04E-07	1.95E-06	0.00E+00	2.06	0.002
599600	4133480	0.010	0.010	0.008	8.85E-08	1.66E-06	0.00E+00	1.75	0.002
599620	4133480	0.008	0.009	0.007	7.58E-08	1.42E-06	0.00E+00	1.50	0.002
599640	4133480	0.007	0.008	0.006	6.60E-08	1.24E-06	0.00E+00	1.30	0.002
599660	4133480	0.006	0.007	0.005	5.81E-08	1.09E-06	0.00E+00	1.15	0.001
599680	4133480	0.006	0.006	0.005	5.15E-08	9.66E-07	0.00E+00	1.02	0.001
599700	4133480	0.005	0.005	0.004	4.58E-08	8.58E-07	0.00E+00	0.90	0.001
599060	4133500	0.003	0.003	0.002	2.55E-08	4.78E-07	0.00E+00	0.50	0.001
599080	4133500	0.003	0.003	0.003	2.97E-08	5.56E-07	0.00E+00	0.59	0.001
599100	4133500	0.004	0.004	0.003	3.50E-08	6.56E-07	0.00E+00	0.69	0.001
599120	4133500	0.005	0.005	0.004	4.18E-08	7.83E-07	0.00E+00	0.82	0.001
599140	4133500	0.005	0.006	0.005	5.06E-08	9.50E-07	0.00E+00	1.00	0.001
599160	4133500	0.007	0.007	0.006	6.25E-08	1.17E-06	0.00E+00	1.23	0.001
599180	4133500	0.008	0.009	0.007	7.85E-08	1.47E-06	0.00E+00	1.55	0.002
599200	4133500	0.011	0.012	0.009	1.01E-07	1.89E-06	0.00E+00	1.99	0.002
599220	4133500	0.014	0.016	0.013	1.33E-07	2.50E-06	0.00E+00	2.63	0.003
599240	4133500	0.020	0.021	0.017	1.80E-07	3.38E-06	0.00E+00	3.56	0.004
599520	4133500	0.014	0.016	0.013	1.34E-07	2.51E-06	0.00E+00	2.64	0.003
599540	4133500	0.012	0.013	0.011	1.12E-07	2.10E-06	0.00E+00	2.21	0.003
599560	4133500	0.010	0.011	0.009	9.46E-08	1.77E-06	0.00E+00	1.87	0.002
599580	4133500	0.009	0.009	0.008	8.07E-08	1.51E-06	0.00E+00	1.59	0.002
599600	4133500	0.008	0.008	0.007	6.99E-08	1.31E-06	0.00E+00	1.38	0.002
599620	4133500	0.007	0.007	0.006	6.10E-08	1.14E-06	0.00E+00	1.21	0.001
599640	4133500	0.006	0.006	0.005	5.40E-08	1.01E-06	0.00E+00	1.07	0.001
599660	4133500	0.005	0.006	0.005	4.81E-08	9.02E-07	0.00E+00	0.95	0.001
599680	4133500	0.005	0.005	0.004	4.30E-08	8.06E-07	0.00E+00	0.85	0.001
599700	4133500	0.004	0.005	0.004	3.86E-08	7.24E-07	0.00E+00	0.76	0.001
599080	4133520	0.004	0.004	0.003	3.50E-08	6.57E-07	0.00E+00	0.69	0.001
599100	4133520	0.004	0.005	0.004	4.15E-08	7.78E-07	0.00E+00	0.82	0.001
599120	4133520	0.005	0.006	0.005	4.98E-08	9.34E-07	0.00E+00	0.98	0.001
599140	4133520	0.007	0.007	0.006	6.06E-08	1.14E-06	0.00E+00	1.20	0.001

599160	4133520	0.008	0.009	0.007	7.48E-08	1.40E-06	0.00E+00	1.48	0.002
599180	4133520	0.010	0.011	0.009	9.37E-08	1.76E-06	0.00E+00	1.85	0.002
599200	4133520	0.013	0.014	0.011	1.19E-07	2.23E-06	0.00E+00	2.35	0.003
599220	4133520	0.017	0.018	0.014	1.54E-07	2.89E-06	0.00E+00	3.04	0.004
599240	4133520	0.022	0.024	0.019	2.01E-07	3.77E-06	0.00E+00	3.98	0.005
599260	4133520	0.029	0.031	0.025	2.65E-07	4.96E-06	0.00E+00	5.22	0.006
599540	4133520	0.010	0.010	0.008	8.79E-08	1.65E-06	0.00E+00	1.74	0.002
599560	4133520	0.008	0.009	0.007	7.60E-08	1.42E-06	0.00E+00	1.50	0.002
599580	4133520	0.007	0.008	0.006	6.60E-08	1.24E-06	0.00E+00	1.30	0.002
599600	4133520	0.006	0.007	0.005	5.79E-08	1.08E-06	0.00E+00	1.14	0.001
599620	4133520	0.006	0.006	0.005	5.12E-08	9.60E-07	0.00E+00	1.01	0.001
599640	4133520	0.005	0.005	0.004	4.58E-08	8.59E-07	0.00E+00	0.90	0.001
599660	4133520	0.004	0.005	0.004	4.11E-08	7.70E-07	0.00E+00	0.81	0.001
599680	4133520	0.004	0.004	0.003	3.71E-08	6.96E-07	0.00E+00	0.73	0.001
599700	4133520	0.004	0.004	0.003	3.35E-08	6.27E-07	0.00E+00	0.66	0.001
599080	4133540	0.004	0.005	0.004	4.05E-08	7.60E-07	0.00E+00	0.80	0.001
599100	4133540	0.005	0.006	0.005	4.80E-08	9.01E-07	0.00E+00	0.95	0.001
599120	4133540	0.006	0.007	0.005	5.75E-08	1.08E-06	0.00E+00	1.14	0.001
599140	4133540	0.008	0.008	0.007	6.95E-08	1.30E-06	0.00E+00	1.37	0.002
599160	4133540	0.009	0.010	0.008	8.48E-08	1.59E-06	0.00E+00	1.68	0.002
599180	4133540	0.011	0.012	0.010	1.04E-07	1.96E-06	0.00E+00	2.06	0.002
599200	4133540	0.014	0.015	0.012	1.30E-07	2.43E-06	0.00E+00	2.56	0.003
599220	4133540	0.017	0.019	0.015	1.61E-07	3.02E-06	0.00E+00	3.19	0.004
599240	4133540	0.022	0.024	0.019	2.00E-07	3.76E-06	0.00E+00	3.96	0.005
599260	4133540	0.027	0.029	0.023	2.46E-07	4.61E-06	0.00E+00	4.86	0.006
599280	4133540	0.032	0.035	0.028	2.96E-07	5.55E-06	0.00E+00	5.85	0.007
599300	4133540	0.037	0.040	0.032	3.43E-07	6.43E-06	0.00E+00	6.78	0.008
599320	4133540	0.041	0.044	0.035	3.78E-07	7.08E-06	0.00E+00	7.46	0.009
599340	4133540	0.042	0.046	0.037	3.91E-07	7.33E-06	0.00E+00	7.72	0.009
599520	4133540	0.009	0.010	0.008	8.22E-08	1.54E-06	0.00E+00	1.62	0.002
599540	4133540	0.008	0.008	0.007	7.16E-08	1.34E-06	0.00E+00	1.41	0.002
599560	4133540	0.007	0.007	0.006	6.30E-08	1.18E-06	0.00E+00	1.24	0.001
599580	4133540	0.006	0.007	0.005	5.56E-08	1.04E-06	0.00E+00	1.10	0.001
599600	4133540	0.005	0.006	0.005	4.94E-08	9.27E-07	0.00E+00	0.98	0.001
599620	4133540	0.005	0.005	0.004	4.40E-08	8.26E-07	0.00E+00	0.87	0.001
599640	4133540	0.004	0.005	0.004	3.98E-08	7.46E-07	0.00E+00	0.79	0.001
599660	4133540	0.004	0.004	0.003	3.58E-08	6.70E-07	0.00E+00	0.71	0.001
599680	4133540	0.004	0.004	0.003	3.26E-08	6.10E-07	0.00E+00	0.64	0.001
599700	4133540	0.003	0.003	0.003	2.98E-08	5.59E-07	0.00E+00	0.59	0.001
599080	4133560	0.005	0.005	0.004	4.56E-08	8.55E-07	0.00E+00	0.90	0.001
599100	4133560	0.006	0.006	0.005	5.37E-08	1.01E-06	0.00E+00	1.06	0.001
599120	4133560	0.007	0.007	0.006	6.36E-08	1.19E-06	0.00E+00	1.26	0.001
599140	4133560	0.008	0.009	0.007	7.58E-08	1.42E-06	0.00E+00	1.50	0.002
599160	4133560	0.010	0.011	0.009	9.07E-08	1.70E-06	0.00E+00	1.79	0.002
599180	4133560	0.012	0.013	0.010	1.09E-07	2.04E-06	0.00E+00	2.15	0.003
599200	4133560	0.014	0.015	0.012	1.30E-07	2.45E-06	0.00E+00	2.58	0.003
599220	4133560	0.017	0.018	0.015	1.55E-07	2.91E-06	0.00E+00	3.07	0.004
599240	4133560	0.020	0.021	0.017	1.83E-07	3.43E-06	0.00E+00	3.61	0.004
599260	4133560	0.023	0.025	0.020	2.11E-07	3.96E-06	0.00E+00	4.17	0.005
599280	4133560	0.026	0.028	0.022	2.37E-07	4.44E-06	0.00E+00	4.68	0.006
599300	4133560	0.028	0.030	0.024	2.56E-07	4.80E-06	0.00E+00	5.06	0.006
599320	4133560	0.029	0.031	0.025	2.67E-07	5.00E-06	0.00E+00	5.26	0.006
599340	4133560	0.029	0.031	0.025	2.64E-07	4.96E-06	0.00E+00	5.22	0.006
599360	4133560	0.027	0.030	0.024	2.52E-07	4.72E-06	0.00E+00	4.97	0.006
599380	4133560	0.024	0.026	0.021	2.23E-07	4.18E-06	0.00E+00	4.40	0.005
599500	4133560	0.008	0.009	0.007	7.56E-08	1.42E-06	0.00E+00	1.49	0.002
599520	4133560	0.007	0.008	0.006	6.65E-08	1.25E-06	0.00E+00	1.31	0.002
599540	4133560	0.006	0.007	0.006	5.91E-08	1.11E-06	0.00E+00	1.17	0.001
599560	4133560	0.006	0.006	0.005	5.30E-08	9.94E-07	0.00E+00	1.05	0.001
599580	4133560	0.005	0.006	0.004	4.77E-08	8.95E-07	0.00E+00	0.94	0.001
599600	4133560	0.005	0.005	0.004	4.28E-08	8.02E-07	0.00E+00	0.84	0.001
599620	4133560	0.004	0.005	0.004	3.86E-08	7.24E-07	0.00E+00	0.76	0.001
599640	4133560	0.004	0.004	0.003	3.50E-08	6.57E-07	0.00E+00	0.69	0.001
599660	4133560	0.003	0.004	0.003	3.18E-08	5.96E-07	0.00E+00	0.63	0.001
599680	4133560	0.003	0.003	0.003	2.91E-08	5.46E-07	0.00E+00	0.57	0.001
599700	4133560	0.003	0.003	0.003	2.67E-08	5.01E-07	0.00E+00	0.53	0.001
599080	4133580	0.005	0.006	0.005	4.96E-08	9.30E-07	0.00E+00	0.98	0.001
599100	4133580	0.006	0.007	0.005	5.77E-08	1.08E-06	0.00E+00	1.14	0.001
599120	4133580	0.007	0.008	0.006	6.73E-08	1.26E-06	0.00E+00	1.33	0.002
599140	4133580	0.009	0.009	0.007	7.86E-08	1.47E-06	0.00E+00	1.55	0.002
599160	4133580	0.010	0.011	0.009	9.18E-08	1.72E-06	0.00E+00	1.81	0.002
599180	4133580	0.012	0.013	0.010	1.07E-07	2.00E-06	0.00E+00	2.11	0.003
599200	4133580	0.013	0.014	0.012	1.23E-07	2.32E-06	0.00E+00	2.44	0.003
599220	4133580	0.015	0.017	0.013	1.41E-07	2.64E-06	0.00E+00	2.78	0.003
599240	4133580	0.017	0.019	0.015	1.58E-07	2.97E-06	0.00E+00	3.13	0.004
599260	4133580	0.019	0.020	0.016	1.74E-07	3.26E-06	0.00E+00	3.43	0.004
599280	4133580	0.020	0.022	0.017	1.85E-07	3.48E-06	0.00E+00	3.66	0.004
599300	4133580	0.021	0.023	0.018	1.92E-07	3.61E-06	0.00E+00	3.80	0.005
599320	4133580	0.021	0.023	0.018	1.94E-07	3.63E-06	0.00E+00	3.83	0.005
599340	4133580	0.020	0.022	0.018	1.89E-07	3.55E-06	0.00E+00	3.74	0.004
599360	4133580	0.019	0.021	0.017	1.79E-07	3.36E-06	0.00E+00	3.54	0.004
599500	4133580	0.007	0.007	0.006	6.08E-08	1.14E-06	0.00E+00	1.20	0.001
599520	4133580	0.006	0.006	0.005	5.50E-08	1.03E-06	0.00E+00	1.09	0.001
599540	4133580	0.005	0.006	0.005	4.96E-08	9.29E-07	0.00E+00	0.98	0.001
599560	4133580	0.005	0.005	0.004	4.52E-08	8.48E-07	0.00E+00	0.89	0.001
599580	4133580	0.004	0.005	0.004	4.14E-08	7.77E-07	0.00E+00	0.82	0.001
599600	4133580	0.004	0.004	0.004	3.72E-08	6.98E-07	0.00E+00	0.74	0.001
599620	4133580	0.004	0.004	0.003	3.40E-08	6.38E-07	0.00E+00	0.67	0.001
599640	4133580	0.003	0.004	0.003	3.11E-08	5.82E-07	0.00E+00	0.61	0.001
599660	4133580	0.003	0.003	0.003	2.85E-08	5.34E-07	0.00E+00	0.56	0.001
599680	4133580	0.003	0.003	0.002	2.62E-08	4.91E-07	0.00E+00	0.52	0.001
599100	4133600	0.006	0.007	0.006	5.97E-08	1.12E-06	0.00E+00	1.18	0.001
599120	4133600	0.007	0.008	0.006	6.83E-08	1.28E-06	0.00E+00	1.35	0.002
599140	4133600	0.008	0.009	0.007	7.80E-08	1.46E-06	0.00E+00	1.54	0.002
599160	4133600	0.010	0.010	0.008	8.88E-08	1.66E-06	0.00E+00	1.75	0.002
599180	4133600	0.011	0.012	0.009	1.00E-07	1.88E-06	0.00E+00	1.98	0.002
599200	4133600	0.012	0.013	0.011	1.12E-07	2.10E-06	0.00E+00	2.21	0.003
599220	4133600	0.013	0.014	0.012	1.23E-07	2.31E-06	0.00E+00	2.43	0.003

599240	4133600	0.014	0.016	0.012	1.33E-07	2.49E-06	0.00E+00	2.63	0.003
599260	4133600	0.015	0.016	0.013	1.40E-07	2.63E-06	0.00E+00	2.77	0.003
599280	4133600	0.016	0.017	0.014	1.45E-07	2.72E-06	0.00E+00	2.87	0.003
599300	4133600	0.016	0.017	0.014	1.47E-07	2.76E-06	0.00E+00	2.90	0.003
599320	4133600	0.016	0.017	0.014	1.46E-07	2.74E-06	0.00E+00	2.88	0.003
599340	4133600	0.015	0.017	0.013	1.42E-07	2.66E-06	0.00E+00	2.80	0.003
599360	4133600	0.014	0.016	0.013	1.33E-07	2.50E-06	0.00E+00	2.63	0.003
599480	4133600	0.006	0.006	0.005	5.41E-08	1.01E-06	0.00E+00	1.07	0.001
599500	4133600	0.005	0.006	0.005	4.94E-08	9.27E-07	0.00E+00	0.98	0.001
599520	4133600	0.005	0.005	0.004	4.52E-08	8.48E-07	0.00E+00	0.89	0.001
599540	4133600	0.004	0.005	0.004	4.13E-08	7.74E-07	0.00E+00	0.81	0.001
599560	4133600	0.004	0.005	0.004	3.86E-08	7.24E-07	0.00E+00	0.76	0.001
599580	4133600	0.004	0.004	0.003	3.59E-08	6.73E-07	0.00E+00	0.71	0.001
599600	4133600	0.004	0.004	0.003	3.25E-08	6.10E-07	0.00E+00	0.64	0.001
599620	4133600	0.003	0.004	0.003	3.00E-08	5.63E-07	0.00E+00	0.59	0.001
599640	4133600	0.003	0.003	0.003	2.77E-08	5.20E-07	0.00E+00	0.55	0.001
599660	4133600	0.003	0.003	0.002	2.56E-08	4.80E-07	0.00E+00	0.51	0.001
599680	4133600	0.003	0.003	0.002	2.37E-08	4.43E-07	0.00E+00	0.47	0.001
599100	4133620	0.006	0.007	0.006	5.96E-08	1.12E-06	0.00E+00	1.18	0.001
599120	4133620	0.007	0.008	0.006	6.69E-08	1.25E-06	0.00E+00	1.32	0.002
599140	4133620	0.008	0.009	0.007	7.47E-08	1.40E-06	0.00E+00	1.47	0.002
599160	4133620	0.009	0.010	0.008	8.29E-08	1.55E-06	0.00E+00	1.64	0.002
599180	4133620	0.010	0.011	0.009	9.10E-08	1.71E-06	0.00E+00	1.80	0.002
599200	4133620	0.011	0.012	0.009	9.86E-08	1.85E-06	0.00E+00	1.95	0.002
599220	4133620	0.011	0.012	0.010	1.05E-07	1.97E-06	0.00E+00	2.08	0.002
599240	4133620	0.012	0.013	0.010	1.10E-07	2.07E-06	0.00E+00	2.18	0.003
599260	4133620	0.012	0.013	0.011	1.14E-07	2.13E-06	0.00E+00	2.25	0.003
599280	4133620	0.012	0.013	0.011	1.15E-07	2.15E-06	0.00E+00	2.27	0.003
599300	4133620	0.012	0.013	0.011	1.15E-07	2.15E-06	0.00E+00	2.27	0.003
599320	4133620	0.012	0.013	0.011	1.13E-07	2.13E-06	0.00E+00	2.24	0.003
599340	4133620	0.012	0.013	0.010	1.10E-07	2.06E-06	0.00E+00	2.17	0.003
599460	4133620	0.005	0.006	0.005	4.97E-08	9.32E-07	0.00E+00	0.98	0.001
599480	4133620	0.005	0.005	0.004	4.46E-08	8.37E-07	0.00E+00	0.88	0.001
599500	4133620	0.004	0.005	0.004	4.06E-08	7.62E-07	0.00E+00	0.80	0.001
599520	4133620	0.004	0.004	0.004	3.74E-08	7.01E-07	0.00E+00	0.74	0.001
599540	4133620	0.004	0.004	0.003	3.51E-08	6.58E-07	0.00E+00	0.69	0.001
599560	4133620	0.004	0.004	0.003	3.28E-08	6.15E-07	0.00E+00	0.65	0.001
599580	4133620	0.003	0.004	0.003	3.06E-08	5.74E-07	0.00E+00	0.61	0.001
599600	4133620	0.003	0.003	0.003	2.85E-08	5.35E-07	0.00E+00	0.56	0.001
599620	4133620	0.003	0.003	0.003	2.66E-08	4.99E-07	0.00E+00	0.53	0.001
599640	4133620	0.003	0.003	0.002	2.48E-08	4.65E-07	0.00E+00	0.49	0.001
599660	4133620	0.003	0.003	0.002	2.31E-08	4.34E-07	0.00E+00	0.46	0.001
599120	4133640	0.007	0.007	0.006	6.36E-08	1.19E-06	0.00E+00	1.26	0.001
599140	4133640	0.008	0.008	0.007	6.96E-08	1.31E-06	0.00E+00	1.38	0.002
599160	4133640	0.008	0.009	0.007	7.54E-08	1.41E-06	0.00E+00	1.49	0.002
599180	4133640	0.009	0.009	0.008	8.08E-08	1.52E-06	0.00E+00	1.60	0.002
599200	4133640	0.009	0.010	0.008	8.55E-08	1.60E-06	0.00E+00	1.69	0.002
599220	4133640	0.010	0.010	0.008	8.92E-08	1.67E-06	0.00E+00	1.76	0.002
599240	4133640	0.010	0.011	0.009	9.16E-08	1.72E-06	0.00E+00	1.81	0.002
599260	4133640	0.010	0.011	0.009	9.27E-08	1.74E-06	0.00E+00	1.83	0.002
599280	4133640	0.010	0.011	0.009	9.27E-08	1.74E-06	0.00E+00	1.83	0.002
599300	4133640	0.010	0.011	0.009	9.21E-08	1.73E-06	0.00E+00	1.82	0.002
599320	4133640	0.010	0.011	0.008	9.04E-08	1.69E-06	0.00E+00	1.79	0.002
599340	4133640	0.009	0.010	0.008	8.74E-08	1.64E-06	0.00E+00	1.73	0.002
599360	4133640	0.009	0.010	0.008	8.22E-08	1.54E-06	0.00E+00	1.62	0.002
599460	4133640	0.005	0.005	0.004	4.18E-08	7.83E-07	0.00E+00	0.82	0.001
599480	4133640	0.004	0.004	0.004	3.76E-08	7.05E-07	0.00E+00	0.74	0.001
599500	4133640	0.004	0.004	0.003	3.44E-08	6.46E-07	0.00E+00	0.68	0.001
599520	4133640	0.003	0.004	0.003	3.20E-08	6.00E-07	0.00E+00	0.63	0.001
599540	4133640	0.003	0.004	0.003	3.01E-08	5.64E-07	0.00E+00	0.59	0.001
599560	4133640	0.003	0.003	0.003	2.84E-08	5.32E-07	0.00E+00	0.56	0.001
599580	4133640	0.003	0.003	0.003	2.67E-08	5.01E-07	0.00E+00	0.53	0.001
599600	4133640	0.003	0.003	0.002	2.52E-08	4.72E-07	0.00E+00	0.50	0.001
599620	4133640	0.003	0.003	0.002	2.37E-08	4.44E-07	0.00E+00	0.47	0.001
599640	4133640	0.002	0.003	0.002	2.23E-08	4.18E-07	0.00E+00	0.44	0.001
599660	4133640	0.002	0.002	0.002	2.09E-08	3.92E-07	0.00E+00	0.41	0.000
599140	4133660	0.007	0.007	0.006	6.36E-08	1.19E-06	0.00E+00	1.26	0.001
599160	4133660	0.007	0.008	0.006	6.76E-08	1.27E-06	0.00E+00	1.33	0.002
599180	4133660	0.008	0.008	0.007	7.10E-08	1.33E-06	0.00E+00	1.40	0.002
599200	4133660	0.008	0.009	0.007	7.36E-08	1.38E-06	0.00E+00	1.45	0.002
599220	4133660	0.008	0.009	0.007	7.54E-08	1.41E-06	0.00E+00	1.49	0.002
599240	4133660	0.008	0.009	0.007	7.64E-08	1.43E-06	0.00E+00	1.51	0.002
599260	4133660	0.008	0.009	0.007	7.66E-08	1.44E-06	0.00E+00	1.51	0.002
599280	4133660	0.008	0.009	0.007	7.61E-08	1.43E-06	0.00E+00	1.50	0.002
599300	4133660	0.008	0.009	0.007	7.53E-08	1.41E-06	0.00E+00	1.49	0.002
599320	4133660	0.008	0.009	0.007	7.37E-08	1.38E-06	0.00E+00	1.46	0.002
599340	4133660	0.008	0.008	0.007	7.11E-08	1.33E-06	0.00E+00	1.40	0.002
599360	4133660	0.007	0.008	0.006	6.68E-08	1.25E-06	0.00E+00	1.32	0.002
599380	4133660	0.007	0.007	0.006	6.10E-08	1.14E-06	0.00E+00	1.21	0.001
599400	4133660	0.006	0.006	0.005	5.41E-08	1.01E-06	0.00E+00	1.07	0.001
599440	4133660	0.004	0.005	0.004	4.06E-08	7.62E-07	0.00E+00	0.80	0.001
599460	4133660	0.004	0.004	0.003	3.57E-08	6.70E-07	0.00E+00	0.71	0.001
599480	4133660	0.003	0.004	0.003	3.22E-08	6.04E-07	0.00E+00	0.64	0.001
599500	4133660	0.003	0.003	0.003	2.95E-08	5.53E-07	0.00E+00	0.58	0.001
599520	4133660	0.003	0.003	0.003	2.75E-08	5.16E-07	0.00E+00	0.54	0.001
599540	4133660	0.003	0.003	0.002	2.60E-08	4.88E-07	0.00E+00	0.51	0.001
599560	4133660	0.003	0.003	0.002	2.47E-08	4.63E-07	0.00E+00	0.49	0.001
599580	4133660	0.003	0.003	0.002	2.34E-08	4.39E-07	0.00E+00	0.46	0.001
599600	4133660	0.002	0.003	0.002	2.22E-08	4.16E-07	0.00E+00	0.44	0.001
599620	4133660	0.002	0.002	0.002	2.10E-08	3.95E-07	0.00E+00	0.42	0.000
599640	4133660	0.002	0.002	0.002	2.00E-08	3.74E-07	0.00E+00	0.39	0.000
599160	4133680	0.006	0.007	0.006	5.99E-08	1.12E-06	0.00E+00	1.18	0.001
599180	4133680	0.007	0.007	0.006	6.19E-08	1.16E-06	0.00E+00	1.22	0.001
599200	4133680	0.007	0.007	0.006	6.33E-08	1.19E-06	0.00E+00	1.25	0.001
599220	4133680	0.007	0.008	0.006	6.40E-08	1.20E-06	0.00E+00	1.26	0.002
599240	4133680	0.007	0.008	0.006	6.43E-08	1.21E-06	0.00E+00	1.27	0.002
599260	4133680	0.007	0.008	0.006	6.40E-08	1.20E-06	0.00E+00	1.26	0.002
599280	4133680	0.007	0.007	0.006	6.35E-08	1.19E-06	0.00E+00	1.25	0.001

599300	4133680	0.007	0.007	0.006	6.26E-08	1.17E-06	0.00E+00	1.24	0.001
599320	4133680	0.007	0.007	0.006	6.12E-08	1.15E-06	0.00E+00	1.21	0.001
599340	4133680	0.006	0.007	0.006	5.90E-08	1.11E-06	0.00E+00	1.17	0.001
599360	4133680	0.006	0.007	0.005	5.55E-08	1.04E-06	0.00E+00	1.10	0.001
599380	4133680	0.005	0.006	0.005	5.08E-08	9.52E-07	0.00E+00	1.00	0.001
599400	4133680	0.005	0.005	0.004	4.54E-08	8.51E-07	0.00E+00	0.90	0.001
599420	4133680	0.004	0.005	0.004	4.00E-08	7.49E-07	0.00E+00	0.79	0.001
599440	4133680	0.004	0.004	0.003	3.50E-08	6.56E-07	0.00E+00	0.69	0.001
599460	4133680	0.003	0.004	0.003	3.09E-08	5.80E-07	0.00E+00	0.61	0.001
599480	4133680	0.003	0.003	0.003	2.79E-08	5.23E-07	0.00E+00	0.55	0.001
599500	4133680	0.003	0.003	0.002	2.56E-08	4.79E-07	0.00E+00	0.50	0.001
599520	4133680	0.003	0.003	0.002	2.40E-08	4.49E-07	0.00E+00	0.47	0.001
599540	4133680	0.002	0.003	0.002	2.27E-08	4.26E-07	0.00E+00	0.45	0.001
599560	4133680	0.002	0.003	0.002	2.16E-08	4.05E-07	0.00E+00	0.43	0.001
599580	4133680	0.002	0.002	0.002	2.06E-08	3.86E-07	0.00E+00	0.41	0.000
599600	4133680	0.002	0.002	0.002	1.96E-08	3.68E-07	0.00E+00	0.39	0.000
599620	4133680	0.002	0.002	0.002	1.87E-08	3.51E-07	0.00E+00	0.37	0.000
599180	4133700	0.006	0.006	0.005	5.39E-08	1.01E-06	0.00E+00	1.07	0.001
599200	4133700	0.006	0.006	0.005	5.46E-08	1.02E-06	0.00E+00	1.08	0.001
599220	4133700	0.006	0.006	0.005	5.48E-08	1.03E-06	0.00E+00	1.08	0.001
599240	4133700	0.006	0.006	0.005	5.46E-08	1.02E-06	0.00E+00	1.08	0.001
599260	4133700	0.006	0.006	0.005	5.42E-08	1.02E-06	0.00E+00	1.07	0.001
599280	4133700	0.006	0.006	0.005	5.37E-08	1.01E-06	0.00E+00	1.06	0.001
599300	4133700	0.006	0.006	0.005	5.29E-08	9.92E-07	0.00E+00	1.04	0.001
599320	4133700	0.006	0.006	0.005	5.17E-08	9.69E-07	0.00E+00	1.02	0.001
599340	4133700	0.005	0.006	0.005	4.97E-08	9.32E-07	0.00E+00	0.98	0.001
599360	4133700	0.005	0.005	0.004	4.68E-08	8.78E-07	0.00E+00	0.92	0.001
599380	4133700	0.005	0.005	0.004	4.30E-08	8.07E-07	0.00E+00	0.85	0.001
599400	4133700	0.004	0.005	0.004	3.88E-08	7.27E-07	0.00E+00	0.77	0.001
599420	4133700	0.004	0.004	0.003	3.45E-08	6.46E-07	0.00E+00	0.68	0.001
599440	4133700	0.003	0.004	0.003	3.04E-08	5.70E-07	0.00E+00	0.60	0.001
599460	4133700	0.003	0.003	0.003	2.71E-08	5.07E-07	0.00E+00	0.53	0.001
599480	4133700	0.003	0.003	0.002	2.45E-08	4.59E-07	0.00E+00	0.48	0.001
599500	4133700	0.002	0.003	0.002	2.25E-08	4.23E-07	0.00E+00	0.45	0.001
599520	4133700	0.002	0.002	0.002	2.11E-08	3.96E-07	0.00E+00	0.42	0.000
599540	4133700	0.002	0.002	0.002	2.00E-08	3.76E-07	0.00E+00	0.40	0.000
599560	4133700	0.002	0.002	0.002	1.91E-08	3.58E-07	0.00E+00	0.38	0.000
599580	4133700	0.002	0.002	0.002	1.82E-08	3.42E-07	0.00E+00	0.36	0.000
599600	4133700	0.002	0.002	0.002	1.74E-08	3.27E-07	0.00E+00	0.34	0.000
599200	4133720	0.005	0.006	0.004	4.72E-08	8.86E-07	0.00E+00	0.93	0.001
599220	4133720	0.005	0.006	0.004	4.72E-08	8.84E-07	0.00E+00	0.93	0.001
599240	4133720	0.005	0.006	0.004	4.69E-08	8.79E-07	0.00E+00	0.93	0.001
599260	4133720	0.005	0.005	0.004	4.65E-08	8.72E-07	0.00E+00	0.92	0.001
599280	4133720	0.005	0.005	0.004	4.60E-08	8.62E-07	0.00E+00	0.91	0.001
599300	4133720	0.005	0.005	0.004	4.53E-08	8.49E-07	0.00E+00	0.89	0.001
599320	4133720	0.005	0.005	0.004	4.42E-08	8.28E-07	0.00E+00	0.87	0.001
599340	4133720	0.005	0.005	0.004	4.25E-08	7.96E-07	0.00E+00	0.84	0.001
599360	4133720	0.004	0.005	0.004	4.00E-08	7.49E-07	0.00E+00	0.79	0.001
599380	4133720	0.004	0.004	0.003	3.69E-08	6.93E-07	0.00E+00	0.73	0.001
599400	4133720	0.004	0.004	0.003	3.36E-08	6.29E-07	0.00E+00	0.66	0.001
599420	4133720	0.003	0.004	0.003	3.00E-08	5.63E-07	0.00E+00	0.59	0.001
599440	4133720	0.003	0.003	0.003	2.67E-08	5.01E-07	0.00E+00	0.53	0.001
599460	4133720	0.003	0.003	0.002	2.40E-08	4.49E-07	0.00E+00	0.47	0.001
599480	4133720	0.002	0.003	0.002	2.17E-08	4.07E-07	0.00E+00	0.43	0.001
599500	4133720	0.002	0.002	0.002	2.00E-08	3.76E-07	0.00E+00	0.40	0.000
599520	4133720	0.002	0.002	0.002	1.88E-08	3.52E-07	0.00E+00	0.37	0.000
599540	4133720	0.002	0.002	0.002	1.78E-08	3.34E-07	0.00E+00	0.35	0.000
599560	4133720	0.002	0.002	0.002	1.70E-08	3.18E-07	0.00E+00	0.34	0.000
599580	4133720	0.002	0.002	0.002	1.62E-08	3.04E-07	0.00E+00	0.32	0.000
599220	4133740	0.004	0.005	0.004	4.10E-08	7.68E-07	0.00E+00	0.81	0.001
599240	4133740	0.004	0.005	0.004	4.07E-08	7.62E-07	0.00E+00	0.80	0.001
599260	4133740	0.004	0.005	0.004	4.03E-08	7.55E-07	0.00E+00	0.80	0.001
599280	4133740	0.004	0.005	0.004	3.98E-08	7.47E-07	0.00E+00	0.79	0.001
599300	4133740	0.004	0.005	0.004	3.92E-08	7.35E-07	0.00E+00	0.77	0.001
599320	4133740	0.004	0.004	0.004	3.82E-08	7.16E-07	0.00E+00	0.75	0.001
599340	4133740	0.004	0.004	0.003	3.66E-08	6.87E-07	0.00E+00	0.72	0.001
599360	4133740	0.004	0.004	0.003	3.46E-08	6.49E-07	0.00E+00	0.68	0.001
599380	4133740	0.003	0.004	0.003	3.21E-08	6.02E-07	0.00E+00	0.63	0.001
599400	4133740	0.003	0.003	0.003	2.93E-08	5.50E-07	0.00E+00	0.58	0.001
599420	4133740	0.003	0.003	0.002	2.64E-08	4.95E-07	0.00E+00	0.52	0.001
599440	4133740	0.003	0.003	0.002	2.37E-08	4.44E-07	0.00E+00	0.47	0.001
599460	4133740	0.002	0.003	0.002	2.13E-08	4.00E-07	0.00E+00	0.42	0.001
599480	4133740	0.002	0.002	0.002	1.94E-08	3.64E-07	0.00E+00	0.38	0.000
599500	4133740	0.002	0.002	0.002	1.79E-08	3.36E-07	0.00E+00	0.35	0.000
599520	4133740	0.002	0.002	0.002	1.68E-08	3.15E-07	0.00E+00	0.33	0.000
599540	4133740	0.002	0.002	0.001	1.59E-08	2.99E-07	0.00E+00	0.31	0.000
599260	4133760	0.004	0.004	0.003	3.53E-08	6.61E-07	0.00E+00	0.70	0.001
599280	4133760	0.004	0.004	0.003	3.49E-08	6.54E-07	0.00E+00	0.69	0.001
599300	4133760	0.004	0.004	0.003	3.43E-08	6.42E-07	0.00E+00	0.68	0.001
599320	4133760	0.004	0.004	0.003	3.34E-08	6.25E-07	0.00E+00	0.66	0.001
599340	4133760	0.003	0.004	0.003	3.20E-08	6.00E-07	0.00E+00	0.63	0.001
599360	4133760	0.003	0.004	0.003	3.03E-08	5.68E-07	0.00E+00	0.60	0.001
599380	4133760	0.003	0.003	0.003	2.82E-08	5.29E-07	0.00E+00	0.56	0.001
599400	4133760	0.003	0.003	0.002	2.58E-08	4.84E-07	0.00E+00	0.51	0.001
599420	4133760	0.003	0.003	0.002	2.34E-08	4.39E-07	0.00E+00	0.46	0.001
599440	4133760	0.002	0.002	0.002	2.11E-08	3.96E-07	0.00E+00	0.42	0.000
599460	4133760	0.002	0.002	0.002	1.91E-08	3.59E-07	0.00E+00	0.38	0.000
599480	4133760	0.002	0.002	0.002	1.75E-08	3.28E-07	0.00E+00	0.35	0.000
599500	4133760	0.002	0.002	0.002	1.62E-08	3.04E-07	0.00E+00	0.32	0.000
599340	4133780	0.003	0.003	0.003	2.82E-08	5.29E-07	0.00E+00	0.56	0.001
599360	4133780	0.003	0.003	0.003	2.67E-08	5.01E-07	0.00E+00	0.53	0.001
599380	4133780	0.003	0.003	0.002	2.49E-08	4.68E-07	0.00E+00	0.49	0.001
599400	4133780	0.002	0.003	0.002	2.29E-08	4.30E-07	0.00E+00	0.45	0.001
599420	4133780	0.002	0.002	0.002	2.09E-08	3.92E-07	0.00E+00	0.41	0.000
599440	4133780	0.002	0.002	0.002	1.90E-08	3.56E-07	0.00E+00	0.37	0.000

Residential Receptors - Mitigated Construction Cancer Risk

				Days					Total Mitigated DPM (tons)
			Start	6/1/2022	8/31/2022	8/31/2024			
			Stop	44803.00	8/30/2024				
				90	730				
Phase Name	Construction Year	Start Date	End Date	3rd Trimester	Age 0<2	Age 2<16	Exposure Days	Calendar Days	Onsite Offroad
FS-8 Construction	2022	6/1/2022	8/1/2022	62.00	0.00	0	62	62	3.90E-04
	2023	3/1/2023	12/31/2023	0.00	306.00	0	306	306	2.39E-03
	2024	1/1/2024	3/1/2024	0.00	61.00	0	61	61	4.20E-04

				Total Mitigated DPM (g/s)
Phase Name	Construction Year	Start Date	End Date	CSTN
FS-8 Construction	2022	6/1/2022	8/1/2022	6.60E-05
	2023	3/1/2023	12/31/2023	8.20E-05
	2024	1/1/2024	3/1/2024	7.23E-05

Risk Factors

	Abbreviation	UOM	3rd Trimester	0<2	Age 2<16
Daily Breathing Rate (95th %'ile)	DBR	L/kg-day	361	1090	572
Fraction Of Time At Home	FAH	unitless	1	1	1
Exposure Frequency	EF	days/year	0.96	0.96	0.96
Age Sensitivity Factor	ASF	unitless	10	10	3
Inhalation Absorption Factor	A	unitless	1	1	1
Conversion Factor	CF_1	m^3/L	0.001	0.001	0.001
Conversion Factor	CF_2	$\mu g/m^3$	0.001	0.001	0.001
Cancer Potency Factor (diesel exha	CPF	$mg/kg\text{-}day^{-1}$	1.1	1.1	1.1
Averaging Time (for residential exp	AT	years	70.00	70.00	70.00

Intake Factor for Inhalation, IF (m^3/kg-day)

Phase Name	Construction Year	Equation	3rd Trimester	0<2	2<16
FS-8 Construction	2022	DBR*FAH*EF	0.01	0.00	0.00
	2023	*ED*ASF*A*	0.00	0.13	0.00
	2024	CF/AT	0.00	0.02	0.00

Risk Calculation Part 1, R1

	3rd Trimester	0<2	2<16
IF*CPF*CF	9.24E-06	0.00E+00	0.00E+00
	0.00E+00	1.38E-04	0.00E+00
	0.00E+00	2.74E-05	0.00E+00

REL		
DPM	5	ug/m^3

	Max	UTM X	UTM Y	
Cancer Risk	2.38	599380	4133480	Potential Residence
Hazard Index	0.00	599380	4133480	

Diesel Particulate Matter concentration, C_{DPM} (ug/m^3)

X (UTM)	Y (UTM	FS-8 Construction 2022	2023	2024
599280	4133140	0.000	0.000	0.000
599300	4133140	0.000	0.000	0.000
599320	4133140	0.000	0.000	0.000
599340	4133140	0.000	0.000	0.000
599360	4133140	0.000	0.000	0.000
599380	4133140	0.000	0.000	0.000
599400	4133140	0.000	0.000	0.000
599420	4133140	0.000	0.000	0.000
599440	4133140	0.000	0.000	0.000
599460	4133140	0.000	0.000	0.000
599480	4133140	0.000	0.000	0.000
599240	4133160	0.000	0.000	0.000
599260	4133160	0.000	0.000	0.000
599280	4133160	0.000	0.000	0.000
599300	4133160	0.000	0.000	0.000
599320	4133160	0.000	0.000	0.000
599340	4133160	0.000	0.000	0.000
599360	4133160	0.000	0.000	0.000
599380	4133160	0.000	0.000	0.000
599400	4133160	0.000	0.000	0.000
599420	4133160	0.000	0.000	0.000
599440	4133160	0.000	0.000	0.000
599460	4133160	0.000	0.000	0.000
599480	4133160	0.000	0.000	0.000
599500	4133160	0.000	0.000	0.000
599520	4133160	0.000	0.000	0.000
599540	4133160	0.000	0.000	0.000
599200	4133180	0.000	0.000	0.000
599220	4133180	0.000	0.000	0.000
599240	4133180	0.000	0.000	0.000
599260	4133180	0.000	0.000	0.000
599280	4133180	0.000	0.000	0.000
599300	4133180	0.000	0.000	0.000
599320	4133180	0.000	0.000	0.000
599340	4133180	0.000	0.000	0.000
599360	4133180	0.000	0.000	0.000
599380	4133180	0.000	0.000	0.000
599400	4133180	0.000	0.000	0.000
599420	4133180	0.000	0.000	0.000
599440	4133180	0.000	0.000	0.000
599460	4133180	0.000	0.000	0.000
599480	4133180	0.000	0.000	0.000
599500	4133180	0.000	0.000	0.000
599520	4133180	0.000	0.000	0.000
599540	4133180	0.000	0.000	0.000
599560	4133180	0.000	0.001	0.001
599180	4133200	0.000	0.000	0.000
599200	4133200	0.000	0.000	0.000

Risk Calculation Part 2

$\sum R1*C_{DPM}$ 3rd Trimester	0<2	2<16	Total
3.02E-10	6.58E-09	0.00E+00	0.01
3.38E-10	7.36E-09	0.00E+00	0.01
3.80E-10	8.27E-09	0.00E+00	0.01
4.29E-10	9.34E-09	0.00E+00	0.01
4.90E-10	1.07E-08	0.00E+00	0.01
5.66E-10	1.23E-08	0.00E+00	0.01
6.63E-10	1.44E-08	0.00E+00	0.02
7.88E-10	1.71E-08	0.00E+00	0.02
9.46E-10	2.06E-08	0.00E+00	0.02
1.14E-09	2.49E-08	0.00E+00	0.03
1.39E-09	3.01E-08	0.00E+00	0.03
2.70E-10	5.88E-09	0.00E+00	0.01
2.99E-10	6.51E-09	0.00E+00	0.01
3.34E-10	7.27E-09	0.00E+00	0.01
3.76E-10	8.18E-09	0.00E+00	0.01
4.25E-10	9.24E-09	0.00E+00	0.01
4.83E-10	1.05E-08	0.00E+00	0.01
5.56E-10	1.21E-08	0.00E+00	0.01
6.48E-10	1.41E-08	0.00E+00	0.01
7.69E-10	1.67E-08	0.00E+00	0.02
9.26E-10	2.01E-08	0.00E+00	0.02
1.13E-09	2.45E-08	0.00E+00	0.03
1.38E-09	3.00E-08	0.00E+00	0.03
1.69E-09	3.68E-08	0.00E+00	0.04
2.06E-09	4.49E-08	0.00E+00	0.05
2.49E-09	5.41E-08	0.00E+00	0.06
2.95E-09	6.42E-08	0.00E+00	0.07
2.51E-10	5.46E-09	0.00E+00	0.01
2.72E-10	5.92E-09	0.00E+00	0.01
3.00E-10	6.52E-09	0.00E+00	0.01
3.33E-10	7.24E-09	0.00E+00	0.01
3.73E-10	8.12E-09	0.00E+00	0.01
4.21E-10	9.16E-09	0.00E+00	0.01
4.78E-10	1.04E-08	0.00E+00	0.01
5.48E-10	1.19E-08	0.00E+00	0.01
6.37E-10	1.38E-08	0.00E+00	0.01
7.50E-10	1.63E-08	0.00E+00	0.02
9.03E-10	1.96E-08	0.00E+00	0.02
1.10E-09	2.40E-08	0.00E+00	0.03
1.36E-09	2.96E-08	0.00E+00	0.03
1.69E-09	3.68E-08	0.00E+00	0.04
2.10E-09	4.57E-08	0.00E+00	0.05
2.59E-09	5.63E-08	0.00E+00	0.06
3.13E-09	6.82E-08	0.00E+00	0.07
3.70E-09	8.04E-08	0.00E+00	0.08
4.26E-09	9.27E-08	0.00E+00	0.10
2.61E-10	5.68E-09	0.00E+00	0.01
2.80E-10	6.10E-09	0.00E+00	0.01

Hazard Index Calculation

C_{DPM}/REL
0.000
0.000
0.000

599220	4133200	0.000	0.000	0.000	3.04E-10	6.61E-09	0.00E+00	0.01	0.000
599240	4133200	0.000	0.000	0.000	3.34E-10	7.28E-09	0.00E+00	0.01	0.000
599260	4133200	0.000	0.000	0.000	3.73E-10	8.11E-09	0.00E+00	0.01	0.000
599280	4133200	0.000	0.000	0.000	4.19E-10	9.11E-09	0.00E+00	0.01	0.000
599300	4133200	0.000	0.000	0.000	4.75E-10	1.03E-08	0.00E+00	0.01	0.000
599320	4133200	0.000	0.000	0.000	5.43E-10	1.18E-08	0.00E+00	0.01	0.000
599340	4133200	0.000	0.000	0.000	6.28E-10	1.37E-08	0.00E+00	0.01	0.000
599360	4133200	0.000	0.000	0.000	7.36E-10	1.60E-08	0.00E+00	0.02	0.000
599380	4133200	0.000	0.000	0.000	8.80E-10	1.91E-08	0.00E+00	0.02	0.000
599400	4133200	0.000	0.000	0.000	1.07E-09	2.34E-08	0.00E+00	0.02	0.000
599420	4133200	0.000	0.000	0.000	1.33E-09	2.89E-08	0.00E+00	0.03	0.000
599440	4133200	0.000	0.000	0.000	1.67E-09	3.64E-08	0.00E+00	0.04	0.000
599460	4133200	0.000	0.000	0.000	2.12E-09	4.61E-08	0.00E+00	0.05	0.000
599480	4133200	0.000	0.000	0.000	2.67E-09	5.80E-08	0.00E+00	0.06	0.000
599500	4133200	0.000	0.000	0.000	3.31E-09	7.19E-08	0.00E+00	0.08	0.000
599520	4133200	0.000	0.001	0.000	4.00E-09	8.70E-08	0.00E+00	0.09	0.000
599540	4133200	0.001	0.001	0.001	4.69E-09	1.02E-07	0.00E+00	0.11	0.000
599560	4133200	0.001	0.001	0.001	5.36E-09	1.17E-07	0.00E+00	0.12	0.000
599580	4133200	0.001	0.001	0.001	5.94E-09	1.29E-07	0.00E+00	0.14	0.000
599600	4133200	0.001	0.001	0.001	6.42E-09	1.40E-07	0.00E+00	0.15	0.000
599160	4133220	0.000	0.000	0.000	2.78E-10	6.04E-09	0.00E+00	0.01	0.000
599180	4133220	0.000	0.000	0.000	2.95E-10	6.41E-09	0.00E+00	0.01	0.000
599200	4133220	0.000	0.000	0.000	3.16E-10	6.88E-09	0.00E+00	0.01	0.000
599220	4133220	0.000	0.000	0.000	3.43E-10	7.46E-09	0.00E+00	0.01	0.000
599240	4133220	0.000	0.000	0.000	3.77E-10	8.20E-09	0.00E+00	0.01	0.000
599260	4133220	0.000	0.000	0.000	4.21E-10	9.16E-09	0.00E+00	0.01	0.000
599280	4133220	0.000	0.000	0.000	4.74E-10	1.03E-08	0.00E+00	0.01	0.000
599300	4133220	0.000	0.000	0.000	5.40E-10	1.17E-08	0.00E+00	0.01	0.000
599320	4133220	0.000	0.000	0.000	6.22E-10	1.35E-08	0.00E+00	0.01	0.000
599340	4133220	0.000	0.000	0.000	7.26E-10	1.58E-08	0.00E+00	0.02	0.000
599360	4133220	0.000	0.000	0.000	8.61E-10	1.87E-08	0.00E+00	0.02	0.000
599380	4133220	0.000	0.000	0.000	1.05E-09	2.28E-08	0.00E+00	0.02	0.000
599400	4133220	0.000	0.000	0.000	1.30E-09	2.82E-08	0.00E+00	0.03	0.000
599420	4133220	0.000	0.000	0.000	1.64E-09	3.57E-08	0.00E+00	0.04	0.000
599440	4133220	0.000	0.000	0.000	2.10E-09	4.58E-08	0.00E+00	0.05	0.000
599460	4133220	0.000	0.000	0.000	2.71E-09	5.89E-08	0.00E+00	0.06	0.000
599480	4133220	0.000	0.000	0.000	3.46E-09	7.52E-08	0.00E+00	0.08	0.000
599500	4133220	0.000	0.001	0.001	4.30E-09	9.36E-08	0.00E+00	0.10	0.000
599520	4133220	0.001	0.001	0.001	5.20E-09	1.13E-07	0.00E+00	0.12	0.000
599540	4133220	0.001	0.001	0.001	6.05E-09	1.32E-07	0.00E+00	0.14	0.000
599560	4133220	0.001	0.001	0.001	6.83E-09	1.49E-07	0.00E+00	0.16	0.000
599580	4133220	0.001	0.001	0.001	7.42E-09	1.61E-07	0.00E+00	0.17	0.000
599600	4133220	0.001	0.001	0.001	7.88E-09	1.71E-07	0.00E+00	0.18	0.000
599620	4133220	0.001	0.001	0.001	8.11E-09	1.76E-07	0.00E+00	0.18	0.000
599140	4133240	0.000	0.000	0.000	3.00E-10	6.53E-09	0.00E+00	0.01	0.000
599160	4133240	0.000	0.000	0.000	3.16E-10	6.89E-09	0.00E+00	0.01	0.000
599180	4133240	0.000	0.000	0.000	3.36E-10	7.32E-09	0.00E+00	0.01	0.000
599200	4133240	0.000	0.000	0.000	3.61E-10	7.86E-09	0.00E+00	0.01	0.000
599220	4133240	0.000	0.000	0.000	3.91E-10	8.51E-09	0.00E+00	0.01	0.000
599240	4133240	0.000	0.000	0.000	4.31E-10	9.37E-09	0.00E+00	0.01	0.000
599260	4133240	0.000	0.000	0.000	4.80E-10	1.05E-08	0.00E+00	0.01	0.000
599280	4133240	0.000	0.000	0.000	5.42E-10	1.18E-08	0.00E+00	0.01	0.000
599300	4133240	0.000	0.000	0.000	6.21E-10	1.35E-08	0.00E+00	0.01	0.000
599320	4133240	0.000	0.000	0.000	7.20E-10	1.57E-08	0.00E+00	0.02	0.000
599340	4133240	0.000	0.000	0.000	8.50E-10	1.85E-08	0.00E+00	0.02	0.000
599360	4133240	0.000	0.000	0.000	1.02E-09	2.23E-08	0.00E+00	0.02	0.000
599380	4133240	0.000	0.000	0.000	1.26E-09	2.74E-08	0.00E+00	0.03	0.000
599400	4133240	0.000	0.000	0.000	1.59E-09	3.47E-08	0.00E+00	0.04	0.000
599420	4133240	0.000	0.000	0.000	2.07E-09	4.50E-08	0.00E+00	0.05	0.000
599440	4133240	0.000	0.000	0.000	2.72E-09	5.91E-08	0.00E+00	0.06	0.000
599460	4133240	0.000	0.000	0.000	3.56E-09	7.75E-08	0.00E+00	0.08	0.000
599480	4133240	0.000	0.001	0.001	4.60E-09	1.00E-07	0.00E+00	0.10	0.000
599500	4133240	0.001	0.001	0.001	5.71E-09	1.24E-07	0.00E+00	0.13	0.000
599520	4133240	0.001	0.001	0.001	6.87E-09	1.50E-07	0.00E+00	0.16	0.000
599540	4133240	0.001	0.001	0.001	7.90E-09	1.72E-07	0.00E+00	0.18	0.000
599560	4133240	0.001	0.001	0.001	8.71E-09	1.89E-07	0.00E+00	0.20	0.000
599580	4133240	0.001	0.001	0.001	9.28E-09	2.02E-07	0.00E+00	0.21	0.000
599600	4133240	0.001	0.001	0.001	9.61E-09	2.09E-07	0.00E+00	0.22	0.000
599620	4133240	0.001	0.001	0.001	9.64E-09	2.10E-07	0.00E+00	0.22	0.000
599640	4133240	0.001	0.001	0.001	9.51E-09	2.07E-07	0.00E+00	0.22	0.000
599120	4133260	0.000	0.000	0.000	3.24E-10	7.04E-09	0.00E+00	0.01	0.000
599140	4133260	0.000	0.000	0.000	3.43E-10	7.47E-09	0.00E+00	0.01	0.000
599160	4133260	0.000	0.000	0.000	3.65E-10	7.94E-09	0.00E+00	0.01	0.000
599180	4133260	0.000	0.000	0.000	3.89E-10	8.47E-09	0.00E+00	0.01	0.000
599200	4133260	0.000	0.000	0.000	4.18E-10	9.10E-09	0.00E+00	0.01	0.000
599220	4133260	0.000	0.000	0.000	4.53E-10	9.87E-09	0.00E+00	0.01	0.000
599240	4133260	0.000	0.000	0.000	4.98E-10	1.08E-08	0.00E+00	0.01	0.000
599260	4133260	0.000	0.000	0.000	5.55E-10	1.21E-08	0.00E+00	0.01	0.000
599280	4133260	0.000	0.000	0.000	6.28E-10	1.37E-08	0.00E+00	0.01	0.000
599300	4133260	0.000	0.000	0.000	7.23E-10	1.57E-08	0.00E+00	0.02	0.000
599320	4133260	0.000	0.000	0.000	8.46E-10	1.84E-08	0.00E+00	0.02	0.000
599340	4133260	0.000	0.000	0.000	1.01E-09	2.20E-08	0.00E+00	0.02	0.000
599360	4133260	0.000	0.000	0.000	1.24E-09	2.69E-08	0.00E+00	0.03	0.000
599380	4133260	0.000	0.000	0.000	1.55E-09	3.37E-08	0.00E+00	0.04	0.000
599400	4133260	0.000	0.000	0.000	2.01E-09	4.38E-08	0.00E+00	0.05	0.000
599420	4133260	0.000	0.000	0.000	2.69E-09	5.86E-08	0.00E+00	0.06	0.000
599440	4133260	0.000	0.000	0.000	3.63E-09	7.91E-08	0.00E+00	0.08	0.000
599460	4133260	0.001	0.001	0.001	4.86E-09	1.06E-07	0.00E+00	0.11	0.000
599480	4133260	0.001	0.001	0.001	6.29E-09	1.37E-07	0.00E+00	0.14	0.000
599500	4133260	0.001	0.001	0.001	7.78E-09	1.69E-07	0.00E+00	0.18	0.000
599520	4133260	0.001	0.001	0.001	9.19E-09	2.00E-07	0.00E+00	0.21	0.000
599540	4133260	0.001	0.001	0.001	1.03E-08	2.25E-07	0.00E+00	0.24	0.000
599560	4133260	0.001	0.001	0.001	1.11E-08	2.42E-07	0.00E+00	0.25	0.000
599580	4133260	0.001	0.002	0.001	1.16E-08	2.51E-07	0.00E+00	0.26	0.000
599600	4133260	0.001	0.002	0.001	1.16E-08	2.52E-07	0.00E+00	0.26	0.000
599620	4133260	0.001	0.002	0.001	1.13E-08	2.47E-07	0.00E+00	0.26	0.000
599640	4133260	0.001	0.001	0.001	1.09E-08	2.37E-07	0.00E+00	0.25	0.000
599120	4133280	0.000	0.000	0.000	3.71E-10	8.06E-09	0.00E+00	0.01	0.000

599140	4133280	0.000	0.000	0.000	3.96E-10	8.61E-09	0.00E+00	0.01	0.000
599160	4133280	0.000	0.000	0.000	4.24E-10	9.22E-09	0.00E+00	0.01	0.000
599180	4133280	0.000	0.000	0.000	4.55E-10	9.90E-09	0.00E+00	0.01	0.000
599200	4133280	0.000	0.000	0.000	4.89E-10	1.06E-08	0.00E+00	0.01	0.000
599220	4133280	0.000	0.000	0.000	5.33E-10	1.16E-08	0.00E+00	0.01	0.000
599240	4133280	0.000	0.000	0.000	5.85E-10	1.27E-08	0.00E+00	0.01	0.000
599260	4133280	0.000	0.000	0.000	6.50E-10	1.41E-08	0.00E+00	0.01	0.000
599280	4133280	0.000	0.000	0.000	7.38E-10	1.61E-08	0.00E+00	0.02	0.000
599300	4133280	0.000	0.000	0.000	8.55E-10	1.86E-08	0.00E+00	0.02	0.000
599320	4133280	0.000	0.000	0.000	1.01E-09	2.20E-08	0.00E+00	0.02	0.000
599340	4133280	0.000	0.000	0.000	1.22E-09	2.66E-08	0.00E+00	0.03	0.000
599360	4133280	0.000	0.000	0.000	1.52E-09	3.30E-08	0.00E+00	0.03	0.000
599380	4133280	0.000	0.000	0.000	1.95E-09	4.24E-08	0.00E+00	0.04	0.000
599400	4133280	0.000	0.000	0.000	2.61E-09	5.68E-08	0.00E+00	0.06	0.000
599420	4133280	0.000	0.000	0.000	3.63E-09	7.89E-08	0.00E+00	0.08	0.000
599440	4133280	0.001	0.001	0.001	5.05E-09	1.10E-07	0.00E+00	0.11	0.000
599460	4133280	0.001	0.001	0.001	6.85E-09	1.49E-07	0.00E+00	0.16	0.000
599480	4133280	0.001	0.001	0.001	8.85E-09	1.93E-07	0.00E+00	0.20	0.000
599500	4133280	0.001	0.001	0.001	1.08E-08	2.35E-07	0.00E+00	0.25	0.000
599520	4133280	0.001	0.002	0.001	1.24E-08	2.70E-07	0.00E+00	0.28	0.000
599540	4133280	0.001	0.002	0.002	1.36E-08	2.95E-07	0.00E+00	0.31	0.000
599560	4133280	0.002	0.002	0.002	1.41E-08	3.08E-07	0.00E+00	0.32	0.000
599580	4133280	0.002	0.002	0.002	1.42E-08	3.09E-07	0.00E+00	0.32	0.000
599600	4133280	0.001	0.002	0.002	1.38E-08	3.00E-07	0.00E+00	0.31	0.000
599620	4133280	0.001	0.002	0.002	1.31E-08	2.85E-07	0.00E+00	0.30	0.000
599640	4133280	0.001	0.002	0.001	1.22E-08	2.66E-07	0.00E+00	0.28	0.000
599660	4133280	0.001	0.002	0.001	1.13E-08	2.45E-07	0.00E+00	0.26	0.000
599100	4133300	0.000	0.000	0.000	3.97E-10	8.63E-09	0.00E+00	0.01	0.000
599120	4133300	0.000	0.000	0.000	4.24E-10	9.23E-09	0.00E+00	0.01	0.000
599140	4133300	0.000	0.000	0.000	4.56E-10	9.93E-09	0.00E+00	0.01	0.000
599160	4133300	0.000	0.000	0.000	4.94E-10	1.07E-08	0.00E+00	0.01	0.000
599180	4133300	0.000	0.000	0.000	5.34E-10	1.16E-08	0.00E+00	0.01	0.000
599200	4133300	0.000	0.000	0.000	5.81E-10	1.26E-08	0.00E+00	0.01	0.000
599220	4133300	0.000	0.000	0.000	6.34E-10	1.38E-08	0.00E+00	0.01	0.000
599240	4133300	0.000	0.000	0.000	6.98E-10	1.52E-08	0.00E+00	0.02	0.000
599260	4133300	0.000	0.000	0.000	7.78E-10	1.69E-08	0.00E+00	0.02	0.000
599280	4133300	0.000	0.000	0.000	8.82E-10	1.92E-08	0.00E+00	0.02	0.000
599300	4133300	0.000	0.000	0.000	1.03E-09	2.24E-08	0.00E+00	0.02	0.000
599320	4133300	0.000	0.000	0.000	1.23E-09	2.68E-08	0.00E+00	0.03	0.000
599340	4133300	0.000	0.000	0.000	1.51E-09	3.28E-08	0.00E+00	0.03	0.000
599360	4133300	0.000	0.000	0.000	1.90E-09	4.14E-08	0.00E+00	0.04	0.000
599380	4133300	0.000	0.000	0.000	2.53E-09	5.50E-08	0.00E+00	0.06	0.000
599400	4133300	0.000	0.000	0.000	3.53E-09	7.68E-08	0.00E+00	0.08	0.000
599420	4133300	0.001	0.001	0.001	5.10E-09	1.11E-07	0.00E+00	0.12	0.000
599440	4133300	0.001	0.001	0.001	7.33E-09	1.60E-07	0.00E+00	0.17	0.000
599460	4133300	0.001	0.001	0.001	1.01E-08	2.19E-07	0.00E+00	0.23	0.000
599480	4133300	0.001	0.002	0.002	1.29E-08	2.80E-07	0.00E+00	0.29	0.000
599500	4133300	0.002	0.002	0.002	1.52E-08	3.32E-07	0.00E+00	0.35	0.000
599520	4133300	0.002	0.002	0.002	1.69E-08	3.68E-07	0.00E+00	0.38	0.000
599540	4133300	0.002	0.002	0.002	1.77E-08	3.86E-07	0.00E+00	0.40	0.000
599560	4133300	0.002	0.002	0.002	1.77E-08	3.86E-07	0.00E+00	0.40	0.000
599580	4133300	0.002	0.002	0.002	1.70E-08	3.69E-07	0.00E+00	0.39	0.000
599600	4133300	0.002	0.002	0.002	1.59E-08	3.47E-07	0.00E+00	0.36	0.000
599620	4133300	0.002	0.002	0.002	1.47E-08	3.19E-07	0.00E+00	0.33	0.000
599640	4133300	0.001	0.002	0.002	1.33E-08	2.90E-07	0.00E+00	0.30	0.000
599660	4133300	0.001	0.002	0.001	1.20E-08	2.60E-07	0.00E+00	0.27	0.000
599680	4133300	0.001	0.001	0.001	1.07E-08	2.32E-07	0.00E+00	0.24	0.000
599100	4133320	0.000	0.000	0.000	4.52E-10	9.84E-09	0.00E+00	0.01	0.000
599120	4133320	0.000	0.000	0.000	4.88E-10	1.06E-08	0.00E+00	0.01	0.000
599140	4133320	0.000	0.000	0.000	5.29E-10	1.15E-08	0.00E+00	0.01	0.000
599160	4133320	0.000	0.000	0.000	5.77E-10	1.25E-08	0.00E+00	0.01	0.000
599180	4133320	0.000	0.000	0.000	6.33E-10	1.38E-08	0.00E+00	0.01	0.000
599200	4133320	0.000	0.000	0.000	6.94E-10	1.51E-08	0.00E+00	0.02	0.000
599220	4133320	0.000	0.000	0.000	7.64E-10	1.66E-08	0.00E+00	0.02	0.000
599240	4133320	0.000	0.000	0.000	8.50E-10	1.85E-08	0.00E+00	0.02	0.000
599260	4133320	0.000	0.000	0.000	9.52E-10	2.07E-08	0.00E+00	0.02	0.000
599280	4133320	0.000	0.000	0.000	1.09E-09	2.36E-08	0.00E+00	0.02	0.000
599300	4133320	0.000	0.000	0.000	1.27E-09	2.77E-08	0.00E+00	0.03	0.000
599340	4133320	0.000	0.000	0.000	1.91E-09	4.15E-08	0.00E+00	0.04	0.000
599360	4133320	0.000	0.000	0.000	2.47E-09	5.38E-08	0.00E+00	0.06	0.000
599380	4133320	0.000	0.000	0.000	3.41E-09	7.41E-08	0.00E+00	0.08	0.000
599400	4133320	0.001	0.001	0.001	5.02E-09	1.09E-07	0.00E+00	0.11	0.000
599420	4133320	0.001	0.001	0.001	7.61E-09	1.65E-07	0.00E+00	0.17	0.000
599440	4133320	0.001	0.002	0.001	1.13E-08	2.46E-07	0.00E+00	0.26	0.000
599460	4133320	0.002	0.002	0.002	1.54E-08	3.35E-07	0.00E+00	0.35	0.000
599480	4133320	0.002	0.003	0.002	1.92E-08	4.18E-07	0.00E+00	0.44	0.001
599500	4133320	0.002	0.003	0.003	2.17E-08	4.73E-07	0.00E+00	0.49	0.001
599520	4133320	0.002	0.003	0.003	2.29E-08	4.98E-07	0.00E+00	0.52	0.001
599540	4133320	0.002	0.003	0.003	2.28E-08	4.95E-07	0.00E+00	0.52	0.001
599560	4133320	0.002	0.003	0.003	2.16E-08	4.69E-07	0.00E+00	0.49	0.001
599580	4133320	0.002	0.003	0.002	1.98E-08	4.30E-07	0.00E+00	0.45	0.001
599600	4133320	0.002	0.002	0.002	1.78E-08	3.87E-07	0.00E+00	0.41	0.000
599620	4133320	0.002	0.002	0.002	1.58E-08	3.43E-07	0.00E+00	0.36	0.000
599640	4133320	0.002	0.002	0.002	1.39E-08	3.02E-07	0.00E+00	0.32	0.000
599660	4133320	0.001	0.002	0.001	1.22E-08	2.65E-07	0.00E+00	0.28	0.000
599680	4133320	0.001	0.001	0.001	1.06E-08	2.31E-07	0.00E+00	0.24	0.000
599080	4133340	0.000	0.000	0.000	4.75E-10	1.03E-08	0.00E+00	0.01	0.000
599100	4133340	0.000	0.000	0.000	5.17E-10	1.13E-08	0.00E+00	0.01	0.000
599120	4133340	0.000	0.000	0.000	5.65E-10	1.23E-08	0.00E+00	0.01	0.000
599140	4133340	0.000	0.000	0.000	6.18E-10	1.34E-08	0.00E+00	0.01	0.000
599160	4133340	0.000	0.000	0.000	6.79E-10	1.48E-08	0.00E+00	0.02	0.000
599180	4133340	0.000	0.000	0.000	7.55E-10	1.64E-08	0.00E+00	0.02	0.000
599200	4133340	0.000	0.000	0.000	8.40E-10	1.83E-08	0.00E+00	0.02	0.000
599220	4133340	0.000	0.000	0.000	9.39E-10	2.04E-08	0.00E+00	0.02	0.000
599240	4133340	0.000	0.000	0.000	1.05E-09	2.28E-08	0.00E+00	0.02	0.000
599260	4133340	0.000	0.000	0.000	1.19E-09	2.59E-08	0.00E+00	0.03	0.000
599280	4133340	0.000	0.000	0.000	1.37E-09	2.98E-08	0.00E+00	0.03	0.000
599360	4133340	0.000	0.000	0.000	3.34E-09	7.26E-08	0.00E+00	0.08	0.000

599420	4133340	0.001	0.002	0.001	1.23E-08	2.68E-07	0.00E+00	0.28	0.000
599440	4133340	0.002	0.002	0.002	1.85E-08	4.03E-07	0.00E+00	0.42	0.000
599460	4133340	0.003	0.003	0.003	2.46E-08	5.35E-07	0.00E+00	0.56	0.001
599480	4133340	0.003	0.004	0.003	2.90E-08	6.30E-07	0.00E+00	0.66	0.001
599500	4133340	0.003	0.004	0.004	3.07E-08	6.68E-07	0.00E+00	0.70	0.001
599520	4133340	0.003	0.004	0.004	3.02E-08	6.57E-07	0.00E+00	0.69	0.001
599540	4133340	0.003	0.004	0.003	2.81E-08	6.11E-07	0.00E+00	0.64	0.001
599560	4133340	0.003	0.003	0.003	2.51E-08	5.46E-07	0.00E+00	0.57	0.001
599580	4133340	0.002	0.003	0.003	2.19E-08	4.77E-07	0.00E+00	0.50	0.001
599600	4133340	0.002	0.003	0.002	1.89E-08	4.12E-07	0.00E+00	0.43	0.001
599620	4133340	0.002	0.002	0.002	1.62E-08	3.53E-07	0.00E+00	0.37	0.000
599640	4133340	0.002	0.002	0.002	1.39E-08	3.02E-07	0.00E+00	0.32	0.000
599660	4133340	0.001	0.002	0.001	1.18E-08	2.58E-07	0.00E+00	0.27	0.000
599680	4133340	0.001	0.001	0.001	1.01E-08	2.21E-07	0.00E+00	0.23	0.000
599080	4133360	0.000	0.000	0.000	5.39E-10	1.17E-08	0.00E+00	0.01	0.000
599100	4133360	0.000	0.000	0.000	5.92E-10	1.29E-08	0.00E+00	0.01	0.000
599120	4133360	0.000	0.000	0.000	6.53E-10	1.42E-08	0.00E+00	0.01	0.000
599140	4133360	0.000	0.000	0.000	7.23E-10	1.57E-08	0.00E+00	0.02	0.000
599160	4133360	0.000	0.000	0.000	8.07E-10	1.76E-08	0.00E+00	0.02	0.000
599180	4133360	0.000	0.000	0.000	9.06E-10	1.97E-08	0.00E+00	0.02	0.000
599200	4133360	0.000	0.000	0.000	1.03E-09	2.23E-08	0.00E+00	0.02	0.000
599220	4133360	0.000	0.000	0.000	1.16E-09	2.53E-08	0.00E+00	0.03	0.000
599240	4133360	0.000	0.000	0.000	1.33E-09	2.89E-08	0.00E+00	0.03	0.000
599420	4133360	0.002	0.003	0.003	2.20E-08	4.79E-07	0.00E+00	0.50	0.001
599440	4133360	0.004	0.004	0.004	3.24E-08	7.06E-07	0.00E+00	0.74	0.001
599460	4133360	0.004	0.005	0.005	4.03E-08	8.77E-07	0.00E+00	0.92	0.001
599480	4133360	0.005	0.006	0.005	4.33E-08	9.42E-07	0.00E+00	0.99	0.001
599500	4133360	0.005	0.006	0.005	4.19E-08	9.10E-07	0.00E+00	0.95	0.001
599520	4133360	0.004	0.005	0.004	3.78E-08	8.22E-07	0.00E+00	0.86	0.001
599540	4133360	0.004	0.004	0.004	3.25E-08	7.06E-07	0.00E+00	0.74	0.001
599560	4133360	0.003	0.004	0.003	2.73E-08	5.95E-07	0.00E+00	0.62	0.001
599580	4133360	0.002	0.003	0.003	2.27E-08	4.95E-07	0.00E+00	0.52	0.001
599600	4133360	0.002	0.003	0.002	1.89E-08	4.10E-07	0.00E+00	0.43	0.001
599620	4133360	0.002	0.002	0.002	1.56E-08	3.40E-07	0.00E+00	0.36	0.000
599640	4133360	0.001	0.002	0.002	1.31E-08	2.84E-07	0.00E+00	0.30	0.000
599660	4133360	0.001	0.001	0.001	1.09E-08	2.38E-07	0.00E+00	0.25	0.000
599680	4133360	0.001	0.001	0.001	9.22E-09	2.01E-07	0.00E+00	0.21	0.000
599700	4133360	0.001	0.001	0.001	7.82E-09	1.70E-07	0.00E+00	0.18	0.000
599080	4133380	0.000	0.000	0.000	6.13E-10	1.33E-08	0.00E+00	0.01	0.000
599100	4133380	0.000	0.000	0.000	6.79E-10	1.48E-08	0.00E+00	0.02	0.000
599120	4133380	0.000	0.000	0.000	7.57E-10	1.65E-08	0.00E+00	0.02	0.000
599140	4133380	0.000	0.000	0.000	8.48E-10	1.84E-08	0.00E+00	0.02	0.000
599160	4133380	0.000	0.000	0.000	9.61E-10	2.09E-08	0.00E+00	0.02	0.000
599180	4133380	0.000	0.000	0.000	1.09E-09	2.38E-08	0.00E+00	0.02	0.000
599200	4133380	0.000	0.000	0.000	1.25E-09	2.72E-08	0.00E+00	0.03	0.000
599220	4133380	0.000	0.000	0.000	1.44E-09	3.12E-08	0.00E+00	0.03	0.000
599440	4133380	0.006	0.008	0.007	5.96E-08	1.30E-06	0.00E+00	1.36	0.002
599460	4133380	0.007	0.009	0.008	6.53E-08	1.42E-06	0.00E+00	1.48	0.002
599480	4133380	0.007	0.008	0.007	6.14E-08	1.34E-06	0.00E+00	1.40	0.002
599500	4133380	0.006	0.007	0.006	5.28E-08	1.15E-06	0.00E+00	1.20	0.001
599520	4133380	0.005	0.006	0.005	4.31E-08	9.37E-07	0.00E+00	0.98	0.001
599540	4133380	0.004	0.005	0.004	3.43E-08	7.46E-07	0.00E+00	0.78	0.001
599560	4133380	0.003	0.004	0.003	2.72E-08	5.92E-07	0.00E+00	0.62	0.001
599580	4133380	0.002	0.003	0.003	2.16E-08	4.71E-07	0.00E+00	0.49	0.001
599600	4133380	0.002	0.002	0.002	1.74E-08	3.78E-07	0.00E+00	0.40	0.000
599620	4133380	0.002	0.002	0.002	1.41E-08	3.07E-07	0.00E+00	0.32	0.000
599640	4133380	0.001	0.002	0.001	1.15E-08	2.51E-07	0.00E+00	0.26	0.000
599660	4133380	0.001	0.001	0.001	9.53E-09	2.07E-07	0.00E+00	0.22	0.000
599680	4133380	0.001	0.001	0.001	7.98E-09	1.74E-07	0.00E+00	0.18	0.000
599700	4133380	0.001	0.001	0.001	6.75E-09	1.47E-07	0.00E+00	0.15	0.000
599060	4133400	0.000	0.000	0.000	6.32E-10	1.37E-08	0.00E+00	0.01	0.000
599080	4133400	0.000	0.000	0.000	7.01E-10	1.53E-08	0.00E+00	0.02	0.000
599100	4133400	0.000	0.000	0.000	7.83E-10	1.70E-08	0.00E+00	0.02	0.000
599120	4133400	0.000	0.000	0.000	8.81E-10	1.92E-08	0.00E+00	0.02	0.000
599140	4133400	0.000	0.000	0.000	1.00E-09	2.18E-08	0.00E+00	0.02	0.000
599160	4133400	0.000	0.000	0.000	1.15E-09	2.50E-08	0.00E+00	0.03	0.000
599180	4133400	0.000	0.000	0.000	1.32E-09	2.87E-08	0.00E+00	0.03	0.000
599200	4133400	0.000	0.000	0.000	1.53E-09	3.33E-08	0.00E+00	0.03	0.000
599220	4133400	0.000	0.000	0.000	1.79E-09	3.90E-08	0.00E+00	0.04	0.000
599480	4133400	0.008	0.010	0.009	7.68E-08	1.67E-06	0.00E+00	1.75	0.002
599500	4133400	0.006	0.008	0.007	5.80E-08	1.26E-06	0.00E+00	1.32	0.002
599520	4133400	0.005	0.006	0.005	4.29E-08	9.32E-07	0.00E+00	0.98	0.001
599540	4133400	0.003	0.004	0.004	3.19E-08	6.95E-07	0.00E+00	0.73	0.001
599560	4133400	0.003	0.003	0.003	2.42E-08	5.27E-07	0.00E+00	0.55	0.001
599580	4133400	0.002	0.003	0.002	1.87E-08	4.07E-07	0.00E+00	0.43	0.001
599600	4133400	0.002	0.002	0.002	1.47E-08	3.21E-07	0.00E+00	0.34	0.000
599620	4133400	0.001	0.002	0.001	1.18E-08	2.57E-07	0.00E+00	0.27	0.000
599640	4133400	0.001	0.001	0.001	9.59E-09	2.09E-07	0.00E+00	0.22	0.000
599660	4133400	0.001	0.001	0.001	7.91E-09	1.72E-07	0.00E+00	0.18	0.000
599680	4133400	0.001	0.001	0.001	6.61E-09	1.44E-07	0.00E+00	0.15	0.000
599700	4133400	0.001	0.001	0.001	5.61E-09	1.22E-07	0.00E+00	0.13	0.000
599060	4133420	0.000	0.000	0.000	7.21E-10	1.57E-08	0.00E+00	0.02	0.000
599080	4133420	0.000	0.000	0.000	8.07E-10	1.75E-08	0.00E+00	0.02	0.000
599100	4133420	0.000	0.000	0.000	9.10E-10	1.98E-08	0.00E+00	0.02	0.000
599120	4133420	0.000	0.000	0.000	1.03E-09	2.25E-08	0.00E+00	0.02	0.000
599140	4133420	0.000	0.000	0.000	1.19E-09	2.60E-08	0.00E+00	0.03	0.000
599160	4133420	0.000	0.000	0.000	1.38E-09	3.00E-08	0.00E+00	0.03	0.000
599180	4133420	0.000	0.000	0.000	1.61E-09	3.51E-08	0.00E+00	0.04	0.000
599200	4133420	0.000	0.000	0.000	1.92E-09	4.18E-08	0.00E+00	0.04	0.000
599220	4133420	0.000	0.000	0.000	2.32E-09	5.05E-08	0.00E+00	0.05	0.000
599240	4133420	0.000	0.000	0.000	2.87E-09	6.25E-08	0.00E+00	0.07	0.000
599500	4133420	0.006	0.007	0.006	5.16E-08	1.12E-06	0.00E+00	1.17	0.001
599520	4133420	0.004	0.005	0.004	3.56E-08	7.75E-07	0.00E+00	0.81	0.001
599540	4133420	0.003	0.003	0.003	2.56E-08	5.57E-07	0.00E+00	0.58	0.001
599560	4133420	0.002	0.003	0.002	1.90E-08	4.14E-07	0.00E+00	0.43	0.001
599580	4133420	0.002	0.002	0.002	1.46E-08	3.18E-07	0.00E+00	0.33	0.000
599600	4133420	0.001	0.002	0.001	1.15E-08	2.51E-07	0.00E+00	0.26	0.000
599620	4133420	0.001	0.001	0.001	9.24E-09	2.01E-07	0.00E+00	0.21	0.000

599640	4133420	0.001	0.001	0.001	7.56E-09	1.65E-07	0.00E+00	0.17	0.000
599660	4133420	0.001	0.001	0.001	6.28E-09	1.37E-07	0.00E+00	0.14	0.000
599680	4133420	0.001	0.001	0.001	5.31E-09	1.16E-07	0.00E+00	0.12	0.000
599700	4133420	0.000	0.001	0.001	4.55E-09	9.90E-08	0.00E+00	0.10	0.000
599060	4133440	0.000	0.000	0.000	8.33E-10	1.81E-08	0.00E+00	0.02	0.000
599080	4133440	0.000	0.000	0.000	9.39E-10	2.04E-08	0.00E+00	0.02	0.000
599100	4133440	0.000	0.000	0.000	1.07E-09	2.33E-08	0.00E+00	0.02	0.000
599120	4133440	0.000	0.000	0.000	1.23E-09	2.68E-08	0.00E+00	0.03	0.000
599140	4133440	0.000	0.000	0.000	1.44E-09	3.12E-08	0.00E+00	0.03	0.000
599160	4133440	0.000	0.000	0.000	1.68E-09	3.66E-08	0.00E+00	0.04	0.000
599180	4133440	0.000	0.000	0.000	2.01E-09	4.37E-08	0.00E+00	0.05	0.000
599200	4133440	0.000	0.000	0.000	2.44E-09	5.30E-08	0.00E+00	0.06	0.000
599220	4133440	0.000	0.000	0.000	3.04E-09	6.61E-08	0.00E+00	0.07	0.000
599240	4133440	0.000	0.001	0.000	3.91E-09	8.50E-08	0.00E+00	0.09	0.000
599260	4133440	0.001	0.001	0.001	5.16E-09	1.12E-07	0.00E+00	0.12	0.000
599280	4133440	0.001	0.001	0.001	7.10E-09	1.54E-07	0.00E+00	0.16	0.000
599480	4133440	0.006	0.007	0.007	5.56E-08	1.21E-06	0.00E+00	1.26	0.001
599500	4133440	0.004	0.005	0.004	3.57E-08	7.77E-07	0.00E+00	0.81	0.001
599520	4133440	0.003	0.003	0.003	2.46E-08	5.35E-07	0.00E+00	0.56	0.001
599540	4133440	0.002	0.002	0.002	1.79E-08	3.89E-07	0.00E+00	0.41	0.000
599560	4133440	0.001	0.002	0.002	1.36E-08	2.95E-07	0.00E+00	0.31	0.000
599580	4133440	0.001	0.001	0.001	1.06E-08	2.31E-07	0.00E+00	0.24	0.000
599600	4133440	0.001	0.001	0.001	8.51E-09	1.85E-07	0.00E+00	0.19	0.000
599620	4133440	0.001	0.001	0.001	6.95E-09	1.51E-07	0.00E+00	0.16	0.000
599640	4133440	0.001	0.001	0.001	5.78E-09	1.26E-07	0.00E+00	0.13	0.000
599660	4133440	0.001	0.001	0.001	4.89E-09	1.06E-07	0.00E+00	0.11	0.000
599680	4133440	0.000	0.001	0.000	4.20E-09	9.14E-08	0.00E+00	0.10	0.000
599700	4133440	0.000	0.000	0.000	3.65E-09	7.93E-08	0.00E+00	0.08	0.000
599060	4133460	0.000	0.000	0.000	9.68E-10	2.11E-08	0.00E+00	0.02	0.000
599080	4133460	0.000	0.000	0.000	1.10E-09	2.40E-08	0.00E+00	0.03	0.000
599100	4133460	0.000	0.000	0.000	1.27E-09	2.77E-08	0.00E+00	0.03	0.000
599120	4133460	0.000	0.000	0.000	1.48E-09	3.23E-08	0.00E+00	0.03	0.000
599140	4133460	0.000	0.000	0.000	1.75E-09	3.82E-08	0.00E+00	0.04	0.000
599160	4133460	0.000	0.000	0.000	2.10E-09	4.56E-08	0.00E+00	0.05	0.000
599180	4133460	0.000	0.000	0.000	2.55E-09	5.56E-08	0.00E+00	0.06	0.000
599200	4133460	0.000	0.000	0.000	3.18E-09	6.93E-08	0.00E+00	0.07	0.000
599220	4133460	0.000	0.001	0.000	4.10E-09	8.92E-08	0.00E+00	0.09	0.000
599240	4133460	0.001	0.001	0.001	5.46E-09	1.19E-07	0.00E+00	0.12	0.000
599260	4133460	0.001	0.001	0.001	7.54E-09	1.64E-07	0.00E+00	0.17	0.000
599480	4133460	0.003	0.004	0.004	3.00E-08	6.52E-07	0.00E+00	0.68	0.001
599500	4133460	0.002	0.003	0.002	2.08E-08	4.53E-07	0.00E+00	0.47	0.001
599520	4133460	0.002	0.002	0.002	1.53E-08	3.32E-07	0.00E+00	0.35	0.000
599540	4133460	0.001	0.002	0.001	1.18E-08	2.57E-07	0.00E+00	0.27	0.000
599560	4133460	0.001	0.001	0.001	9.29E-09	2.02E-07	0.00E+00	0.21	0.000
599580	4133460	0.001	0.001	0.001	7.51E-09	1.63E-07	0.00E+00	0.17	0.000
599600	4133460	0.001	0.001	0.001	6.19E-09	1.35E-07	0.00E+00	0.14	0.000
599620	4133460	0.001	0.001	0.001	5.19E-09	1.13E-07	0.00E+00	0.12	0.000
599640	4133460	0.000	0.001	0.001	4.41E-09	9.60E-08	0.00E+00	0.10	0.000
599660	4133460	0.000	0.001	0.000	3.82E-09	8.30E-08	0.00E+00	0.09	0.000
599680	4133460	0.000	0.000	0.000	3.34E-09	7.26E-08	0.00E+00	0.08	0.000
599700	4133460	0.000	0.000	0.000	2.93E-09	6.38E-08	0.00E+00	0.07	0.000
599060	4133480	0.000	0.000	0.000	1.13E-09	2.47E-08	0.00E+00	0.03	0.000
599080	4133480	0.000	0.000	0.000	1.31E-09	2.85E-08	0.00E+00	0.03	0.000
599100	4133480	0.000	0.000	0.000	1.53E-09	3.32E-08	0.00E+00	0.03	0.000
599120	4133480	0.000	0.000	0.000	1.81E-09	3.93E-08	0.00E+00	0.04	0.000
599140	4133480	0.000	0.000	0.000	2.17E-09	4.71E-08	0.00E+00	0.05	0.000
599160	4133480	0.000	0.000	0.000	2.64E-09	5.74E-08	0.00E+00	0.06	0.000
599180	4133480	0.000	0.000	0.000	3.26E-09	7.10E-08	0.00E+00	0.07	0.000
599200	4133480	0.000	0.001	0.000	4.17E-09	9.08E-08	0.00E+00	0.09	0.000
599220	4133480	0.001	0.001	0.001	5.51E-09	1.20E-07	0.00E+00	0.13	0.000
599240	4133480	0.001	0.001	0.001	7.48E-09	1.63E-07	0.00E+00	0.17	0.000
599360	4133480	0.011	0.013	0.012	9.74E-08	2.12E-06	0.00E+00	2.22	0.003
599380	4133480	0.011	0.014	0.012	1.05E-07	2.27E-06	0.00E+00	2.38	0.003
599500	4133480	0.001	0.002	0.001	1.25E-08	2.71E-07	0.00E+00	0.28	0.000
599520	4133480	0.001	0.001	0.001	9.83E-09	2.14E-07	0.00E+00	0.22	0.000
599540	4133480	0.001	0.001	0.001	8.05E-09	1.75E-07	0.00E+00	0.18	0.000
599560	4133480	0.001	0.001	0.001	6.55E-09	1.42E-07	0.00E+00	0.15	0.000
599580	4133480	0.001	0.001	0.001	5.47E-09	1.19E-07	0.00E+00	0.12	0.000
599600	4133480	0.001	0.001	0.001	4.64E-09	1.01E-07	0.00E+00	0.11	0.000
599620	4133480	0.000	0.001	0.000	3.98E-09	8.65E-08	0.00E+00	0.09	0.000
599640	4133480	0.000	0.000	0.000	3.47E-09	7.54E-08	0.00E+00	0.08	0.000
599660	4133480	0.000	0.000	0.000	3.05E-09	6.64E-08	0.00E+00	0.07	0.000
599680	4133480	0.000	0.000	0.000	2.70E-09	5.88E-08	0.00E+00	0.06	0.000
599700	4133480	0.000	0.000	0.000	2.40E-09	5.22E-08	0.00E+00	0.05	0.000
599060	4133500	0.000	0.000	0.000	1.34E-09	2.91E-08	0.00E+00	0.03	0.000
599080	4133500	0.000	0.000	0.000	1.56E-09	3.39E-08	0.00E+00	0.04	0.000
599100	4133500	0.000	0.000	0.000	1.84E-09	3.99E-08	0.00E+00	0.04	0.000
599120	4133500	0.000	0.000	0.000	2.19E-09	4.77E-08	0.00E+00	0.05	0.000
599140	4133500	0.000	0.000	0.000	2.66E-09	5.78E-08	0.00E+00	0.06	0.000
599160	4133500	0.000	0.000	0.000	3.28E-09	7.13E-08	0.00E+00	0.07	0.000
599180	4133500	0.000	0.001	0.000	4.12E-09	8.97E-08	0.00E+00	0.09	0.000
599200	4133500	0.001	0.001	0.001	5.30E-09	1.15E-07	0.00E+00	0.12	0.000
599220	4133500	0.001	0.001	0.001	6.99E-09	1.52E-07	0.00E+00	0.16	0.000
599240	4133500	0.001	0.001	0.001	9.46E-09	2.06E-07	0.00E+00	0.22	0.000
599520	4133500	0.001	0.001	0.001	7.02E-09	1.53E-07	0.00E+00	0.16	0.000
599540	4133500	0.001	0.001	0.001	5.87E-09	1.28E-07	0.00E+00	0.13	0.000
599560	4133500	0.001	0.001	0.001	4.97E-09	1.08E-07	0.00E+00	0.11	0.000
599580	4133500	0.000	0.001	0.001	4.24E-09	9.22E-08	0.00E+00	0.10	0.000
599600	4133500	0.000	0.000	0.000	3.67E-09	7.98E-08	0.00E+00	0.08	0.000
599620	4133500	0.000	0.000	0.000	3.20E-09	6.97E-08	0.00E+00	0.07	0.000
599640	4133500	0.000	0.000	0.000	2.84E-09	6.17E-08	0.00E+00	0.06	0.000
599660	4133500	0.000	0.000	0.000	2.53E-09	5.49E-08	0.00E+00	0.06	0.000
599680	4133500	0.000	0.000	0.000	2.26E-09	4.91E-08	0.00E+00	0.05	0.000
599700	4133500	0.000	0.000	0.000	2.03E-09	4.41E-08	0.00E+00	0.05	0.000
599080	4133520	0.000	0.000	0.000	1.84E-09	4.00E-08	0.00E+00	0.04	0.000
599100	4133520	0.000	0.000	0.000	2.18E-09	4.74E-08	0.00E+00	0.05	0.000
599120	4133520	0.000	0.000	0.000	2.61E-09	5.69E-08	0.00E+00	0.06	0.000
599140	4133520	0.000	0.000	0.000	3.18E-09	6.92E-08	0.00E+00	0.07	0.000

599160	4133520	0.000	0.001	0.000	3.92E-09	8.54E-08	0.00E+00	0.09	0.000
599180	4133520	0.001	0.001	0.001	4.92E-09	1.07E-07	0.00E+00	0.11	0.000
599200	4133520	0.001	0.001	0.001	6.26E-09	1.36E-07	0.00E+00	0.14	0.000
599220	4133520	0.001	0.001	0.001	8.08E-09	1.76E-07	0.00E+00	0.18	0.000
599240	4133520	0.001	0.001	0.001	1.06E-08	2.30E-07	0.00E+00	0.24	0.000
599260	4133520	0.002	0.002	0.002	1.39E-08	3.02E-07	0.00E+00	0.32	0.000
599540	4133520	0.000	0.001	0.001	4.62E-09	1.00E-07	0.00E+00	0.11	0.000
599560	4133520	0.000	0.001	0.000	3.99E-09	8.68E-08	0.00E+00	0.09	0.000
599580	4133520	0.000	0.000	0.000	3.46E-09	7.54E-08	0.00E+00	0.08	0.000
599600	4133520	0.000	0.000	0.000	3.04E-09	6.61E-08	0.00E+00	0.07	0.000
599620	4133520	0.000	0.000	0.000	2.69E-09	5.84E-08	0.00E+00	0.06	0.000
599640	4133520	0.000	0.000	0.000	2.40E-09	5.23E-08	0.00E+00	0.05	0.000
599660	4133520	0.000	0.000	0.000	2.16E-09	4.69E-08	0.00E+00	0.05	0.000
599680	4133520	0.000	0.000	0.000	1.95E-09	4.24E-08	0.00E+00	0.04	0.000
599700	4133520	0.000	0.000	0.000	1.76E-09	3.82E-08	0.00E+00	0.04	0.000
599080	4133540	0.000	0.000	0.000	2.13E-09	4.63E-08	0.00E+00	0.05	0.000
599100	4133540	0.000	0.000	0.000	2.52E-09	5.48E-08	0.00E+00	0.06	0.000
599120	4133540	0.000	0.000	0.000	3.02E-09	6.56E-08	0.00E+00	0.07	0.000
599140	4133540	0.000	0.000	0.000	3.65E-09	7.93E-08	0.00E+00	0.08	0.000
599160	4133540	0.000	0.001	0.001	4.45E-09	9.69E-08	0.00E+00	0.10	0.000
599180	4133540	0.001	0.001	0.001	5.48E-09	1.19E-07	0.00E+00	0.12	0.000
599200	4133540	0.001	0.001	0.001	6.80E-09	1.48E-07	0.00E+00	0.15	0.000
599220	4133540	0.001	0.001	0.001	8.47E-09	1.84E-07	0.00E+00	0.19	0.000
599240	4133540	0.001	0.001	0.001	1.05E-08	2.29E-07	0.00E+00	0.24	0.000
599260	4133540	0.001	0.002	0.002	1.29E-08	2.81E-07	0.00E+00	0.29	0.000
599280	4133540	0.002	0.002	0.002	1.55E-08	3.38E-07	0.00E+00	0.35	0.000
599300	4133540	0.002	0.002	0.002	1.80E-08	3.92E-07	0.00E+00	0.41	0.000
599320	4133540	0.002	0.003	0.002	1.98E-08	4.31E-07	0.00E+00	0.45	0.001
599340	4133540	0.002	0.003	0.002	2.05E-08	4.46E-07	0.00E+00	0.47	0.001
599520	4133540	0.000	0.001	0.001	4.32E-09	9.39E-08	0.00E+00	0.10	0.000
599540	4133540	0.000	0.001	0.000	3.76E-09	8.17E-08	0.00E+00	0.09	0.000
599560	4133540	0.000	0.000	0.000	3.30E-09	7.19E-08	0.00E+00	0.08	0.000
599580	4133540	0.000	0.000	0.000	2.92E-09	6.35E-08	0.00E+00	0.07	0.000
599600	4133540	0.000	0.000	0.000	2.59E-09	5.64E-08	0.00E+00	0.06	0.000
599620	4133540	0.000	0.000	0.000	2.31E-09	5.03E-08	0.00E+00	0.05	0.000
599640	4133540	0.000	0.000	0.000	2.09E-09	4.54E-08	0.00E+00	0.05	0.000
599660	4133540	0.000	0.000	0.000	1.88E-09	4.08E-08	0.00E+00	0.04	0.000
599680	4133540	0.000	0.000	0.000	1.71E-09	3.72E-08	0.00E+00	0.04	0.000
599700	4133540	0.000	0.000	0.000	1.56E-09	3.40E-08	0.00E+00	0.04	0.000
599080	4133560	0.000	0.000	0.000	2.39E-09	5.21E-08	0.00E+00	0.05	0.000
599100	4133560	0.000	0.000	0.000	2.82E-09	6.13E-08	0.00E+00	0.06	0.000
599120	4133560	0.000	0.000	0.000	3.34E-09	7.26E-08	0.00E+00	0.08	0.000
599140	4133560	0.000	0.001	0.000	3.98E-09	8.65E-08	0.00E+00	0.09	0.000
599160	4133560	0.001	0.001	0.001	4.76E-09	1.04E-07	0.00E+00	0.11	0.000
599180	4133560	0.001	0.001	0.001	5.71E-09	1.24E-07	0.00E+00	0.13	0.000
599200	4133560	0.001	0.001	0.001	6.85E-09	1.49E-07	0.00E+00	0.16	0.000
599220	4133560	0.001	0.001	0.001	8.16E-09	1.77E-07	0.00E+00	0.19	0.000
599240	4133560	0.001	0.001	0.001	9.60E-09	2.09E-07	0.00E+00	0.22	0.000
599260	4133560	0.001	0.001	0.001	1.11E-08	2.41E-07	0.00E+00	0.25	0.000
599280	4133560	0.001	0.002	0.001	1.24E-08	2.71E-07	0.00E+00	0.28	0.000
599300	4133560	0.001	0.002	0.002	1.35E-08	2.93E-07	0.00E+00	0.31	0.000
599320	4133560	0.002	0.002	0.002	1.40E-08	3.04E-07	0.00E+00	0.32	0.000
599340	4133560	0.002	0.002	0.002	1.39E-08	3.02E-07	0.00E+00	0.32	0.000
599360	4133560	0.001	0.002	0.002	1.32E-08	2.87E-07	0.00E+00	0.30	0.000
599380	4133560	0.001	0.002	0.001	1.17E-08	2.55E-07	0.00E+00	0.27	0.000
599500	4133560	0.000	0.001	0.000	3.97E-09	8.63E-08	0.00E+00	0.09	0.000
599520	4133560	0.000	0.000	0.000	3.49E-09	7.60E-08	0.00E+00	0.08	0.000
599540	4133560	0.000	0.000	0.000	3.10E-09	6.75E-08	0.00E+00	0.07	0.000
599560	4133560	0.000	0.000	0.000	2.78E-09	6.05E-08	0.00E+00	0.06	0.000
599580	4133560	0.000	0.000	0.000	2.50E-09	5.45E-08	0.00E+00	0.06	0.000
599600	4133560	0.000	0.000	0.000	2.24E-09	4.88E-08	0.00E+00	0.05	0.000
599620	4133560	0.000	0.000	0.000	2.03E-09	4.41E-08	0.00E+00	0.05	0.000
599640	4133560	0.000	0.000	0.000	1.84E-09	4.00E-08	0.00E+00	0.04	0.000
599660	4133560	0.000	0.000	0.000	1.67E-09	3.63E-08	0.00E+00	0.04	0.000
599680	4133560	0.000	0.000	0.000	1.53E-09	3.32E-08	0.00E+00	0.03	0.000
599700	4133560	0.000	0.000	0.000	1.40E-09	3.05E-08	0.00E+00	0.03	0.000
599080	4133580	0.000	0.000	0.000	2.60E-09	5.66E-08	0.00E+00	0.06	0.000
599100	4133580	0.000	0.000	0.000	3.03E-09	6.59E-08	0.00E+00	0.07	0.000
599120	4133580	0.000	0.000	0.000	3.53E-09	7.68E-08	0.00E+00	0.08	0.000
599140	4133580	0.000	0.001	0.000	4.13E-09	8.98E-08	0.00E+00	0.09	0.000
599160	4133580	0.001	0.001	0.001	4.82E-09	1.05E-07	0.00E+00	0.11	0.000
599180	4133580	0.001	0.001	0.001	5.61E-09	1.22E-07	0.00E+00	0.13	0.000
599200	4133580	0.001	0.001	0.001	6.48E-09	1.41E-07	0.00E+00	0.15	0.000
599220	4133580	0.001	0.001	0.001	7.40E-09	1.61E-07	0.00E+00	0.17	0.000
599240	4133580	0.001	0.001	0.001	8.31E-09	1.81E-07	0.00E+00	0.19	0.000
599260	4133580	0.001	0.001	0.001	9.11E-09	1.98E-07	0.00E+00	0.21	0.000
599280	4133580	0.001	0.001	0.001	9.73E-09	2.12E-07	0.00E+00	0.22	0.000
599300	4133580	0.001	0.001	0.001	1.01E-08	2.20E-07	0.00E+00	0.23	0.000
599320	4133580	0.001	0.001	0.001	1.02E-08	2.21E-07	0.00E+00	0.23	0.000
599340	4133580	0.001	0.001	0.001	9.93E-09	2.16E-07	0.00E+00	0.23	0.000
599360	4133580	0.001	0.001	0.001	9.41E-09	2.05E-07	0.00E+00	0.21	0.000
599500	4133580	0.000	0.000	0.000	3.19E-09	6.94E-08	0.00E+00	0.07	0.000
599520	4133580	0.000	0.000	0.000	2.89E-09	6.28E-08	0.00E+00	0.07	0.000
599540	4133580	0.000	0.000	0.000	2.60E-09	5.66E-08	0.00E+00	0.06	0.000
599560	4133580	0.000	0.000	0.000	2.37E-09	5.17E-08	0.00E+00	0.05	0.000
599580	4133580	0.000	0.000	0.000	2.17E-09	4.73E-08	0.00E+00	0.05	0.000
599600	4133580	0.000	0.000	0.000	1.95E-09	4.25E-08	0.00E+00	0.04	0.000
599620	4133580	0.000	0.000	0.000	1.79E-09	3.88E-08	0.00E+00	0.04	0.000
599640	4133580	0.000	0.000	0.000	1.63E-09	3.55E-08	0.00E+00	0.04	0.000
599660	4133580	0.000	0.000	0.000	1.49E-09	3.25E-08	0.00E+00	0.03	0.000
599680	4133580	0.000	0.000	0.000	1.38E-09	2.99E-08	0.00E+00	0.03	0.000
599100	4133600	0.000	0.000	0.000	3.13E-09	6.81E-08	0.00E+00	0.07	0.000
599120	4133600	0.000	0.000	0.000	3.59E-09	7.80E-08	0.00E+00	0.08	0.000
599140	4133600	0.000	0.001	0.000	4.10E-09	8.91E-08	0.00E+00	0.09	0.000
599160	4133600	0.001	0.001	0.001	4.66E-09	1.01E-07	0.00E+00	0.11	0.000
599180	4133600	0.001	0.001	0.001	5.26E-09	1.14E-07	0.00E+00	0.12	0.000
599200	4133600	0.001	0.001	0.001	5.87E-09	1.28E-07	0.00E+00	0.13	0.000
599220	4133600	0.001	0.001	0.001	6.46E-09	1.41E-07	0.00E+00	0.15	0.000

599240	4133600	0.001	0.001	0.001	6.98E-09	1.52E-07	0.00E+00	0.16	0.000
599260	4133600	0.001	0.001	0.001	7.37E-09	1.60E-07	0.00E+00	0.17	0.000
599280	4133600	0.001	0.001	0.001	7.62E-09	1.66E-07	0.00E+00	0.17	0.000
599300	4133600	0.001	0.001	0.001	7.71E-09	1.68E-07	0.00E+00	0.18	0.000
599320	4133600	0.001	0.001	0.001	7.66E-09	1.67E-07	0.00E+00	0.17	0.000
599340	4133600	0.001	0.001	0.001	7.44E-09	1.62E-07	0.00E+00	0.17	0.000
599360	4133600	0.001	0.001	0.001	7.00E-09	1.52E-07	0.00E+00	0.16	0.000
599480	4133600	0.000	0.000	0.000	2.84E-09	6.18E-08	0.00E+00	0.06	0.000
599500	4133600	0.000	0.000	0.000	2.60E-09	5.65E-08	0.00E+00	0.06	0.000
599520	4133600	0.000	0.000	0.000	2.38E-09	5.17E-08	0.00E+00	0.05	0.000
599540	4133600	0.000	0.000	0.000	2.17E-09	4.71E-08	0.00E+00	0.05	0.000
599560	4133600	0.000	0.000	0.000	2.03E-09	4.41E-08	0.00E+00	0.05	0.000
599580	4133600	0.000	0.000	0.000	1.88E-09	4.10E-08	0.00E+00	0.04	0.000
599600	4133600	0.000	0.000	0.000	1.71E-09	3.71E-08	0.00E+00	0.04	0.000
599620	4133600	0.000	0.000	0.000	1.58E-09	3.43E-08	0.00E+00	0.04	0.000
599640	4133600	0.000	0.000	0.000	1.46E-09	3.17E-08	0.00E+00	0.03	0.000
599660	4133600	0.000	0.000	0.000	1.34E-09	2.92E-08	0.00E+00	0.03	0.000
599680	4133600	0.000	0.000	0.000	1.24E-09	2.70E-08	0.00E+00	0.03	0.000
599100	4133620	0.000	0.000	0.000	3.13E-09	6.81E-08	0.00E+00	0.07	0.000
599120	4133620	0.000	0.000	0.000	3.51E-09	7.64E-08	0.00E+00	0.08	0.000
599140	4133620	0.000	0.001	0.000	3.92E-09	8.53E-08	0.00E+00	0.09	0.000
599160	4133620	0.000	0.001	0.001	4.35E-09	9.46E-08	0.00E+00	0.10	0.000
599180	4133620	0.001	0.001	0.001	4.77E-09	1.04E-07	0.00E+00	0.11	0.000
599200	4133620	0.001	0.001	0.001	5.18E-09	1.13E-07	0.00E+00	0.12	0.000
599220	4133620	0.001	0.001	0.001	5.52E-09	1.20E-07	0.00E+00	0.13	0.000
599240	4133620	0.001	0.001	0.001	5.79E-09	1.26E-07	0.00E+00	0.13	0.000
599260	4133620	0.001	0.001	0.001	5.97E-09	1.30E-07	0.00E+00	0.14	0.000
599280	4133620	0.001	0.001	0.001	6.03E-09	1.31E-07	0.00E+00	0.14	0.000
599300	4133620	0.001	0.001	0.001	6.02E-09	1.31E-07	0.00E+00	0.14	0.000
599320	4133620	0.001	0.001	0.001	5.95E-09	1.29E-07	0.00E+00	0.14	0.000
599340	4133620	0.001	0.001	0.001	5.77E-09	1.25E-07	0.00E+00	0.13	0.000
599460	4133620	0.000	0.000	0.000	2.61E-09	5.67E-08	0.00E+00	0.06	0.000
599480	4133620	0.000	0.000	0.000	2.34E-09	5.10E-08	0.00E+00	0.05	0.000
599500	4133620	0.000	0.000	0.000	2.13E-09	4.64E-08	0.00E+00	0.05	0.000
599520	4133620	0.000	0.000	0.000	1.96E-09	4.27E-08	0.00E+00	0.04	0.000
599540	4133620	0.000	0.000	0.000	1.84E-09	4.01E-08	0.00E+00	0.04	0.000
599560	4133620	0.000	0.000	0.000	1.72E-09	3.74E-08	0.00E+00	0.04	0.000
599580	4133620	0.000	0.000	0.000	1.61E-09	3.50E-08	0.00E+00	0.04	0.000
599600	4133620	0.000	0.000	0.000	1.50E-09	3.26E-08	0.00E+00	0.03	0.000
599620	4133620	0.000	0.000	0.000	1.40E-09	3.04E-08	0.00E+00	0.03	0.000
599640	4133620	0.000	0.000	0.000	1.30E-09	2.83E-08	0.00E+00	0.03	0.000
599660	4133620	0.000	0.000	0.000	1.21E-09	2.64E-08	0.00E+00	0.03	0.000
599120	4133640	0.000	0.000	0.000	3.34E-09	7.27E-08	0.00E+00	0.08	0.000
599140	4133640	0.000	0.000	0.000	3.66E-09	7.95E-08	0.00E+00	0.08	0.000
599160	4133640	0.000	0.001	0.000	3.96E-09	8.62E-08	0.00E+00	0.09	0.000
599180	4133640	0.000	0.001	0.001	4.24E-09	9.23E-08	0.00E+00	0.10	0.000
599200	4133640	0.000	0.001	0.001	4.49E-09	9.77E-08	0.00E+00	0.10	0.000
599220	4133640	0.001	0.001	0.001	4.68E-09	1.02E-07	0.00E+00	0.11	0.000
599240	4133640	0.001	0.001	0.001	4.81E-09	1.05E-07	0.00E+00	0.11	0.000
599260	4133640	0.001	0.001	0.001	4.87E-09	1.06E-07	0.00E+00	0.11	0.000
599280	4133640	0.001	0.001	0.001	4.87E-09	1.06E-07	0.00E+00	0.11	0.000
599300	4133640	0.001	0.001	0.001	4.83E-09	1.05E-07	0.00E+00	0.11	0.000
599320	4133640	0.001	0.001	0.001	4.74E-09	1.03E-07	0.00E+00	0.11	0.000
599340	4133640	0.000	0.001	0.001	4.59E-09	9.98E-08	0.00E+00	0.10	0.000
599360	4133640	0.000	0.001	0.001	4.32E-09	9.39E-08	0.00E+00	0.10	0.000
599460	4133640	0.000	0.000	0.000	2.19E-09	4.77E-08	0.00E+00	0.05	0.000
599480	4133640	0.000	0.000	0.000	1.97E-09	4.29E-08	0.00E+00	0.04	0.000
599500	4133640	0.000	0.000	0.000	1.81E-09	3.93E-08	0.00E+00	0.04	0.000
599520	4133640	0.000	0.000	0.000	1.68E-09	3.65E-08	0.00E+00	0.04	0.000
599540	4133640	0.000	0.000	0.000	1.58E-09	3.44E-08	0.00E+00	0.04	0.000
599560	4133640	0.000	0.000	0.000	1.49E-09	3.24E-08	0.00E+00	0.03	0.000
599580	4133640	0.000	0.000	0.000	1.40E-09	3.05E-08	0.00E+00	0.03	0.000
599600	4133640	0.000	0.000	0.000	1.32E-09	2.87E-08	0.00E+00	0.03	0.000
599620	4133640	0.000	0.000	0.000	1.24E-09	2.70E-08	0.00E+00	0.03	0.000
599640	4133640	0.000	0.000	0.000	1.17E-09	2.54E-08	0.00E+00	0.03	0.000
599660	4133640	0.000	0.000	0.000	1.10E-09	2.39E-08	0.00E+00	0.02	0.000
599140	4133660	0.000	0.000	0.000	3.34E-09	7.27E-08	0.00E+00	0.08	0.000
599160	4133660	0.000	0.000	0.000	3.55E-09	7.72E-08	0.00E+00	0.08	0.000
599180	4133660	0.000	0.001	0.000	3.73E-09	8.11E-08	0.00E+00	0.08	0.000
599200	4133660	0.000	0.001	0.000	3.87E-09	8.41E-08	0.00E+00	0.09	0.000
599220	4133660	0.000	0.001	0.000	3.96E-09	8.61E-08	0.00E+00	0.09	0.000
599240	4133660	0.000	0.001	0.000	4.01E-09	8.72E-08	0.00E+00	0.09	0.000
599260	4133660	0.000	0.001	0.000	4.02E-09	8.74E-08	0.00E+00	0.09	0.000
599280	4133660	0.000	0.001	0.000	3.99E-09	8.69E-08	0.00E+00	0.09	0.000
599300	4133660	0.000	0.001	0.000	3.95E-09	8.59E-08	0.00E+00	0.09	0.000
599320	4133660	0.000	0.001	0.000	3.87E-09	8.42E-08	0.00E+00	0.09	0.000
599340	4133660	0.000	0.001	0.000	3.73E-09	8.12E-08	0.00E+00	0.08	0.000
599360	4133660	0.000	0.000	0.000	3.51E-09	7.63E-08	0.00E+00	0.08	0.000
599380	4133660	0.000	0.000	0.000	3.20E-09	6.97E-08	0.00E+00	0.07	0.000
599400	4133660	0.000	0.000	0.000	2.84E-09	6.18E-08	0.00E+00	0.06	0.000
599440	4133660	0.000	0.000	0.000	2.13E-09	4.64E-08	0.00E+00	0.05	0.000
599460	4133660	0.000	0.000	0.000	1.87E-09	4.08E-08	0.00E+00	0.04	0.000
599480	4133660	0.000	0.000	0.000	1.69E-09	3.68E-08	0.00E+00	0.04	0.000
599500	4133660	0.000	0.000	0.000	1.55E-09	3.37E-08	0.00E+00	0.04	0.000
599520	4133660	0.000	0.000	0.000	1.45E-09	3.14E-08	0.00E+00	0.03	0.000
599540	4133660	0.000	0.000	0.000	1.37E-09	2.97E-08	0.00E+00	0.03	0.000
599560	4133660	0.000	0.000	0.000	1.30E-09	2.82E-08	0.00E+00	0.03	0.000
599580	4133660	0.000	0.000	0.000	1.23E-09	2.67E-08	0.00E+00	0.03	0.000
599600	4133660	0.000	0.000	0.000	1.16E-09	2.53E-08	0.00E+00	0.03	0.000
599620	4133660	0.000	0.000	0.000	1.10E-09	2.40E-08	0.00E+00	0.03	0.000
599640	4133660	0.000	0.000	0.000	1.05E-09	2.28E-08	0.00E+00	0.02	0.000
599160	4133680	0.000	0.000	0.000	3.15E-09	6.84E-08	0.00E+00	0.07	0.000
599180	4133680	0.000	0.000	0.000	3.25E-09	7.07E-08	0.00E+00	0.07	0.000
599200	4133680	0.000	0.000	0.000	3.32E-09	7.22E-08	0.00E+00	0.08	0.000
599220	4133680	0.000	0.000	0.000	3.36E-09	7.31E-08	0.00E+00	0.08	0.000
599240	4133680	0.000	0.000	0.000	3.37E-09	7.34E-08	0.00E+00	0.08	0.000
599260	4133680	0.000	0.000	0.000	3.36E-09	7.31E-08	0.00E+00	0.08	0.000
599280	4133680	0.000	0.000	0.000	3.33E-09	7.25E-08	0.00E+00	0.08	0.000

599300	4133680	0.000	0.000	0.000	3.29E-09	7.15E-08	0.00E+00	0.07	0.000
599320	4133680	0.000	0.000	0.000	3.21E-09	6.99E-08	0.00E+00	0.07	0.000
599340	4133680	0.000	0.000	0.000	3.10E-09	6.74E-08	0.00E+00	0.07	0.000
599360	4133680	0.000	0.000	0.000	2.91E-09	6.34E-08	0.00E+00	0.07	0.000
599380	4133680	0.000	0.000	0.000	2.67E-09	5.80E-08	0.00E+00	0.06	0.000
599400	4133680	0.000	0.000	0.000	2.38E-09	5.19E-08	0.00E+00	0.05	0.000
599420	4133680	0.000	0.000	0.000	2.10E-09	4.56E-08	0.00E+00	0.05	0.000
599440	4133680	0.000	0.000	0.000	1.84E-09	4.00E-08	0.00E+00	0.04	0.000
599460	4133680	0.000	0.000	0.000	1.62E-09	3.53E-08	0.00E+00	0.04	0.000
599480	4133680	0.000	0.000	0.000	1.47E-09	3.19E-08	0.00E+00	0.03	0.000
599500	4133680	0.000	0.000	0.000	1.34E-09	2.92E-08	0.00E+00	0.03	0.000
599520	4133680	0.000	0.000	0.000	1.26E-09	2.74E-08	0.00E+00	0.03	0.000
599540	4133680	0.000	0.000	0.000	1.19E-09	2.60E-08	0.00E+00	0.03	0.000
599560	4133680	0.000	0.000	0.000	1.13E-09	2.47E-08	0.00E+00	0.03	0.000
599580	4133680	0.000	0.000	0.000	1.08E-09	2.35E-08	0.00E+00	0.02	0.000
599600	4133680	0.000	0.000	0.000	1.03E-09	2.24E-08	0.00E+00	0.02	0.000
599620	4133680	0.000	0.000	0.000	9.83E-10	2.14E-08	0.00E+00	0.02	0.000
599180	4133700	0.000	0.000	0.000	2.83E-09	6.16E-08	0.00E+00	0.06	0.000
599200	4133700	0.000	0.000	0.000	2.86E-09	6.23E-08	0.00E+00	0.07	0.000
599220	4133700	0.000	0.000	0.000	2.87E-09	6.25E-08	0.00E+00	0.07	0.000
599240	4133700	0.000	0.000	0.000	2.87E-09	6.24E-08	0.00E+00	0.07	0.000
599260	4133700	0.000	0.000	0.000	2.85E-09	6.19E-08	0.00E+00	0.06	0.000
599280	4133700	0.000	0.000	0.000	2.82E-09	6.13E-08	0.00E+00	0.06	0.000
599300	4133700	0.000	0.000	0.000	2.78E-09	6.04E-08	0.00E+00	0.06	0.000
599320	4133700	0.000	0.000	0.000	2.71E-09	5.90E-08	0.00E+00	0.06	0.000
599340	4133700	0.000	0.000	0.000	2.61E-09	5.68E-08	0.00E+00	0.06	0.000
599360	4133700	0.000	0.000	0.000	2.46E-09	5.35E-08	0.00E+00	0.06	0.000
599380	4133700	0.000	0.000	0.000	2.26E-09	4.91E-08	0.00E+00	0.05	0.000
599400	4133700	0.000	0.000	0.000	2.04E-09	4.43E-08	0.00E+00	0.05	0.000
599420	4133700	0.000	0.000	0.000	1.81E-09	3.94E-08	0.00E+00	0.04	0.000
599440	4133700	0.000	0.000	0.000	1.60E-09	3.47E-08	0.00E+00	0.04	0.000
599460	4133700	0.000	0.000	0.000	1.42E-09	3.09E-08	0.00E+00	0.03	0.000
599480	4133700	0.000	0.000	0.000	1.29E-09	2.80E-08	0.00E+00	0.03	0.000
599500	4133700	0.000	0.000	0.000	1.18E-09	2.57E-08	0.00E+00	0.03	0.000
599520	4133700	0.000	0.000	0.000	1.11E-09	2.41E-08	0.00E+00	0.03	0.000
599540	4133700	0.000	0.000	0.000	1.05E-09	2.29E-08	0.00E+00	0.02	0.000
599560	4133700	0.000	0.000	0.000	1.00E-09	2.18E-08	0.00E+00	0.02	0.000
599580	4133700	0.000	0.000	0.000	9.56E-10	2.08E-08	0.00E+00	0.02	0.000
599600	4133700	0.000	0.000	0.000	9.15E-10	1.99E-08	0.00E+00	0.02	0.000
599200	4133720	0.000	0.000	0.000	2.48E-09	5.39E-08	0.00E+00	0.06	0.000
599220	4133720	0.000	0.000	0.000	2.48E-09	5.39E-08	0.00E+00	0.06	0.000
599240	4133720	0.000	0.000	0.000	2.46E-09	5.35E-08	0.00E+00	0.06	0.000
599260	4133720	0.000	0.000	0.000	2.44E-09	5.31E-08	0.00E+00	0.06	0.000
599280	4133720	0.000	0.000	0.000	2.41E-09	5.25E-08	0.00E+00	0.05	0.000
599300	4133720	0.000	0.000	0.000	2.38E-09	5.17E-08	0.00E+00	0.05	0.000
599320	4133720	0.000	0.000	0.000	2.32E-09	5.05E-08	0.00E+00	0.05	0.000
599340	4133720	0.000	0.000	0.000	2.23E-09	4.85E-08	0.00E+00	0.05	0.000
599360	4133720	0.000	0.000	0.000	2.10E-09	4.56E-08	0.00E+00	0.05	0.000
599380	4133720	0.000	0.000	0.000	1.94E-09	4.22E-08	0.00E+00	0.04	0.000
599400	4133720	0.000	0.000	0.000	1.76E-09	3.83E-08	0.00E+00	0.04	0.000
599420	4133720	0.000	0.000	0.000	1.58E-09	3.43E-08	0.00E+00	0.04	0.000
599440	4133720	0.000	0.000	0.000	1.40E-09	3.05E-08	0.00E+00	0.03	0.000
599460	4133720	0.000	0.000	0.000	1.26E-09	2.74E-08	0.00E+00	0.03	0.000
599480	4133720	0.000	0.000	0.000	1.14E-09	2.48E-08	0.00E+00	0.03	0.000
599500	4133720	0.000	0.000	0.000	1.05E-09	2.29E-08	0.00E+00	0.02	0.000
599520	4133720	0.000	0.000	0.000	9.85E-10	2.14E-08	0.00E+00	0.02	0.000
599540	4133720	0.000	0.000	0.000	9.34E-10	2.03E-08	0.00E+00	0.02	0.000
599560	4133720	0.000	0.000	0.000	8.90E-10	1.94E-08	0.00E+00	0.02	0.000
599580	4133720	0.000	0.000	0.000	8.52E-10	1.85E-08	0.00E+00	0.02	0.000
599220	4133740	0.000	0.000	0.000	2.15E-09	4.68E-08	0.00E+00	0.05	0.000
599240	4133740	0.000	0.000	0.000	2.13E-09	4.64E-08	0.00E+00	0.05	0.000
599260	4133740	0.000	0.000	0.000	2.11E-09	4.60E-08	0.00E+00	0.05	0.000
599280	4133740	0.000	0.000	0.000	2.09E-09	4.55E-08	0.00E+00	0.05	0.000
599300	4133740	0.000	0.000	0.000	2.06E-09	4.48E-08	0.00E+00	0.05	0.000
599320	4133740	0.000	0.000	0.000	2.00E-09	4.36E-08	0.00E+00	0.05	0.000
599340	4133740	0.000	0.000	0.000	1.92E-09	4.18E-08	0.00E+00	0.04	0.000
599360	4133740	0.000	0.000	0.000	1.82E-09	3.95E-08	0.00E+00	0.04	0.000
599380	4133740	0.000	0.000	0.000	1.69E-09	3.67E-08	0.00E+00	0.04	0.000
599400	4133740	0.000	0.000	0.000	1.54E-09	3.35E-08	0.00E+00	0.04	0.000
599420	4133740	0.000	0.000	0.000	1.38E-09	3.01E-08	0.00E+00	0.03	0.000
599440	4133740	0.000	0.000	0.000	1.24E-09	2.70E-08	0.00E+00	0.03	0.000
599460	4133740	0.000	0.000	0.000	1.12E-09	2.43E-08	0.00E+00	0.03	0.000
599480	4133740	0.000	0.000	0.000	1.02E-09	2.22E-08	0.00E+00	0.02	0.000
599500	4133740	0.000	0.000	0.000	9.41E-10	2.05E-08	0.00E+00	0.02	0.000
599520	4133740	0.000	0.000	0.000	8.82E-10	1.92E-08	0.00E+00	0.02	0.000
599540	4133740	0.000	0.000	0.000	8.36E-10	1.82E-08	0.00E+00	0.02	0.000
599260	4133760	0.000	0.000	0.000	1.85E-09	4.03E-08	0.00E+00	0.04	0.000
599280	4133760	0.000	0.000	0.000	1.83E-09	3.98E-08	0.00E+00	0.04	0.000
599300	4133760	0.000	0.000	0.000	1.80E-09	3.91E-08	0.00E+00	0.04	0.000
599320	4133760	0.000	0.000	0.000	1.75E-09	3.81E-08	0.00E+00	0.04	0.000
599340	4133760	0.000	0.000	0.000	1.68E-09	3.66E-08	0.00E+00	0.04	0.000
599360	4133760	0.000	0.000	0.000	1.59E-09	3.46E-08	0.00E+00	0.04	0.000
599380	4133760	0.000	0.000	0.000	1.48E-09	3.22E-08	0.00E+00	0.03	0.000
599400	4133760	0.000	0.000	0.000	1.36E-09	2.95E-08	0.00E+00	0.03	0.000
599420	4133760	0.000	0.000	0.000	1.23E-09	2.67E-08	0.00E+00	0.03	0.000
599440	4133760	0.000	0.000	0.000	1.11E-09	2.41E-08	0.00E+00	0.03	0.000
599460	4133760	0.000	0.000	0.000	1.00E-09	2.18E-08	0.00E+00	0.02	0.000
599480	4133760	0.000	0.000	0.000	9.18E-10	2.00E-08	0.00E+00	0.02	0.000
599500	4133760	0.000	0.000	0.000	8.50E-10	1.85E-08	0.00E+00	0.02	0.000
599340	4133780	0.000	0.000	0.000	1.48E-09	3.22E-08	0.00E+00	0.03	0.000
599360	4133780	0.000	0.000	0.000	1.40E-09	3.05E-08	0.00E+00	0.03	0.000
599380	4133780	0.000	0.000	0.000	1.31E-09	2.85E-08	0.00E+00	0.03	0.000
599400	4133780	0.000	0.000	0.000	1.20E-09	2.62E-08	0.00E+00	0.03	0.000
599420	4133780	0.000	0.000	0.000	1.10E-09	2.39E-08	0.00E+00	0.02	0.000
599440	4133780	0.000	0.000	0.000	9.96E-10	2.17E-08	0.00E+00	0.02	0.000

All Receptors - Unmitigated Construction Annual Average $PM_{2.5}$ Concentration

				Days					Total Unmitigated $PM_{2.5}$ (tons)
			Start	6/1/2022	8/31/2022	8/31/2024			
			Stop	44803.00	8/30/2024				
				90	730				
Phase Name	Construction Year	Start Date	End Date	3rd Trimester	Age 0<2	Age 2<16	Exposure Days	Calendar Days	Onsite Offroad
FS-8 Construction	2022	6/1/2022	8/1/2022	62.00	0.00	0	62	62	7.10E-03
	2023	3/1/2023	12/31/2023	0.00	306.00	0	306	306	3.67E-02
	2024	1/1/2024	3/1/2024	0.00	61.00	0	61	61	5.85E-03

				Total Unmitigated $PM_{2.5}$ (g/s)
Phase Name	Construction Year	Start Date	End Date	CSTN
FS-8 Construction	2022	6/1/2022	8/1/2022	1.20E-03
	2023	3/1/2023	12/31/2023	1.26E-03
	2024	1/1/2024	3/1/2024	1.01E-03

	MAX	UTM X	UTM Y	
Annual Average $PM_{2.5}$ Concentration	0.22	599380	4133480	Potential Residence

Particulate Matter concentration, $C_{PM2.5}$ (ug/m^3)

		FS-8 Construction		
X (UTM)	Y (UTM	2022	2023	2024
599280	4133140	0.001	0.001	0.000
599300	4133140	0.001	0.001	0.001
599320	4133140	0.001	0.001	0.001
599340	4133140	0.001	0.001	0.001
599360	4133140	0.001	0.001	0.001
599380	4133140	0.001	0.001	0.001
599400	4133140	0.001	0.001	0.001
599420	4133140	0.002	0.002	0.001
599440	4133140	0.002	0.002	0.002
599460	4133140	0.002	0.002	0.002
599480	4133140	0.003	0.003	0.002
599240	4133160	0.001	0.001	0.000
599260	4133160	0.001	0.001	0.000
599280	4133160	0.001	0.001	0.001
599300	4133160	0.001	0.001	0.001
599320	4133160	0.001	0.001	0.001
599340	4133160	0.001	0.001	0.001
599360	4133160	0.001	0.001	0.001
599380	4133160	0.001	0.001	0.001
599400	4133160	0.002	0.002	0.001
599420	4133160	0.002	0.002	0.002
599440	4133160	0.002	0.002	0.002
599460	4133160	0.003	0.003	0.002
599480	4133160	0.003	0.003	0.003
599500	4133160	0.004	0.004	0.003
599520	4133160	0.005	0.005	0.004
599540	4133160	0.006	0.006	0.005
599200	4133180	0.000	0.001	0.000
599220	4133180	0.001	0.001	0.000
599240	4133180	0.001	0.001	0.000
599260	4133180	0.001	0.001	0.001
599280	4133180	0.001	0.001	0.001
599300	4133180	0.001	0.001	0.001
599320	4133180	0.001	0.001	0.001
599340	4133180	0.001	0.001	0.001
599360	4133180	0.001	0.001	0.001
599380	4133180	0.001	0.002	0.001
599400	4133180	0.002	0.002	0.001
599420	4133180	0.002	0.002	0.002
599440	4133180	0.003	0.003	0.002
599460	4133180	0.003	0.003	0.003
599480	4133180	0.004	0.004	0.003
599500	4133180	0.005	0.005	0.004
599520	4133180	0.006	0.006	0.005
599540	4133180	0.007	0.008	0.006
599560	4133180	0.008	0.009	0.007
599180	4133200	0.001	0.001	0.000
599200	4133200	0.001	0.001	0.000
599220	4133200	0.001	0.001	0.001
599240	4133200	0.001	0.001	0.001
599260	4133200	0.001	0.001	0.001
599280	4133200	0.001	0.001	0.001
599300	4133200	0.001	0.001	0.001
599320	4133200	0.001	0.001	0.001
599340	4133200	0.001	0.001	0.001
599360	4133200	0.001	0.002	0.001
599380	4133200	0.002	0.002	0.001
599400	4133200	0.002	0.002	0.002
599420	4133200	0.003	0.003	0.002
599440	4133200	0.003	0.003	0.003
599460	4133200	0.004	0.004	0.003
599480	4133200	0.005	0.006	0.004
599500	4133200	0.007	0.007	0.005
599520	4133200	0.008	0.008	0.007
599540	4133200	0.009	0.010	0.008

Annual Average $PM_{2.5}$ Concentration

max	max year
6.24E-04	2023
6.98E-04	2023
7.85E-04	2023
8.86E-04	2023
1.01E-03	2023
1.17E-03	2023
1.37E-03	2023
1.63E-03	2023
1.95E-03	2023
2.36E-03	2023
2.86E-03	2023
5.58E-04	2023
6.18E-04	2023
6.90E-04	2023
7.76E-04	2023
8.77E-04	2023
9.97E-04	2023
1.15E-03	2023
1.34E-03	2023
1.59E-03	2023
1.91E-03	2023
2.32E-03	2023
2.84E-03	2023
3.49E-03	2023
4.26E-03	2023
5.14E-03	2023
6.09E-03	2023
5.18E-04	2023
5.62E-04	2023
6.18E-04	2023
6.87E-04	2023
7.70E-04	2023
8.69E-04	2023
9.87E-04	2023
1.13E-03	2023
1.31E-03	2023
1.55E-03	2023
1.86E-03	2023
2.27E-03	2023
2.81E-03	2023
3.49E-03	2023
4.33E-03	2023
5.34E-03	2023
6.47E-03	2023
7.63E-03	2023
8.80E-03	2023
5.39E-04	2023
5.78E-04	2023
6.27E-04	2023
6.90E-04	2023
7.69E-04	2023
8.64E-04	2023
9.80E-04	2023
1.12E-03	2023
1.30E-03	2023
1.52E-03	2023
1.82E-03	2023
2.22E-03	2023
2.75E-03	2023
3.45E-03	2023
4.38E-03	2023
5.50E-03	2023
6.83E-03	2023
8.26E-03	2023
9.68E-03	2023

599560	4133200	0.011	0.011	0.009	1.11E-02	2023
599580	4133200	0.012	0.012	0.010	1.23E-02	2023
599600	4133200	0.013	0.013	0.011	1.32E-02	2023
599160	4133220	0.001	0.001	0.000	5.73E-04	2023
599180	4133220	0.001	0.001	0.000	6.08E-04	2023
599200	4133220	0.001	0.001	0.001	6.53E-04	2023
599220	4133220	0.001	0.001	0.001	7.07E-04	2023
599240	4133220	0.001	0.001	0.001	7.78E-04	2023
599260	4133220	0.001	0.001	0.001	8.69E-04	2023
599280	4133220	0.001	0.001	0.001	9.79E-04	2023
599300	4133220	0.001	0.001	0.001	1.11E-03	2023
599320	4133220	0.001	0.001	0.001	1.28E-03	2023
599340	4133220	0.001	0.001	0.001	1.50E-03	2023
599360	4133220	0.002	0.002	0.001	1.78E-03	2023
599380	4133220	0.002	0.002	0.002	2.16E-03	2023
599400	4133220	0.003	0.003	0.002	2.68E-03	2023
599420	4133220	0.003	0.003	0.003	3.39E-03	2023
599440	4133220	0.004	0.004	0.003	4.34E-03	2023
599460	4133220	0.005	0.006	0.004	5.59E-03	2023
599480	4133220	0.007	0.007	0.006	7.14E-03	2023
599500	4133220	0.008	0.009	0.007	8.88E-03	2023
599520	4133220	0.010	0.011	0.009	1.07E-02	2023
599540	4133220	0.012	0.012	0.010	1.25E-02	2023
599560	4133220	0.013	0.014	0.011	1.41E-02	2023
599580	4133220	0.015	0.015	0.012	1.53E-02	2023
599600	4133220	0.016	0.016	0.013	1.63E-02	2023
599620	4133220	0.016	0.017	0.013	1.67E-02	2023
599140	4133240	0.001	0.001	0.000	6.19E-04	2023
599160	4133240	0.001	0.001	0.001	6.53E-04	2023
599180	4133240	0.001	0.001	0.001	6.94E-04	2023
599200	4133240	0.001	0.001	0.001	7.46E-04	2023
599220	4133240	0.001	0.001	0.001	8.08E-04	2023
599240	4133240	0.001	0.001	0.001	8.89E-04	2023
599260	4133240	0.001	0.001	0.001	9.92E-04	2023
599280	4133240	0.001	0.001	0.001	1.12E-03	2023
599300	4133240	0.001	0.001	0.001	1.28E-03	2023
599320	4133240	0.001	0.001	0.001	1.49E-03	2023
599340	4133240	0.002	0.002	0.001	1.75E-03	2023
599360	4133240	0.002	0.002	0.002	2.11E-03	2023
599380	4133240	0.002	0.003	0.002	2.60E-03	2023
599400	4133240	0.003	0.003	0.003	3.29E-03	2023
599420	4133240	0.004	0.004	0.003	4.27E-03	2023
599440	4133240	0.005	0.006	0.004	5.61E-03	2023
599460	4133240	0.007	0.007	0.006	7.36E-03	2023
599480	4133240	0.009	0.009	0.008	9.50E-03	2023
599500	4133240	0.011	0.012	0.009	1.18E-02	2023
599520	4133240	0.014	0.014	0.011	1.42E-02	2023
599540	4133240	0.016	0.016	0.013	1.63E-02	2023
599560	4133240	0.017	0.018	0.014	1.80E-02	2023
599580	4133240	0.018	0.019	0.015	1.91E-02	2023
599600	4133240	0.019	0.020	0.016	1.98E-02	2023
599620	4133240	0.019	0.020	0.016	1.99E-02	2023
599640	4133240	0.019	0.020	0.016	1.96E-02	2023
599120	4133260	0.001	0.001	0.001	6.68E-04	2023
599140	4133260	0.001	0.001	0.001	7.09E-04	2023
599160	4133260	0.001	0.001	0.001	7.53E-04	2023
599180	4133260	0.001	0.001	0.001	8.03E-04	2023
599200	4133260	0.001	0.001	0.001	8.64E-04	2023
599220	4133260	0.001	0.001	0.001	9.36E-04	2023
599240	4133260	0.001	0.001	0.001	1.03E-03	2023
599260	4133260	0.001	0.001	0.001	1.15E-03	2023
599280	4133260	0.001	0.001	0.001	1.30E-03	2023
599300	4133260	0.001	0.001	0.001	1.49E-03	2023
599320	4133260	0.002	0.002	0.001	1.75E-03	2023
599340	4133260	0.002	0.002	0.002	2.08E-03	2023
599360	4133260	0.002	0.003	0.002	2.55E-03	2023
599380	4133260	0.003	0.003	0.003	3.19E-03	2023
599400	4133260	0.004	0.004	0.003	4.15E-03	2023
599420	4133260	0.005	0.006	0.004	5.56E-03	2023
599440	4133260	0.007	0.008	0.006	7.50E-03	2023
599460	4133260	0.010	0.010	0.008	1.00E-02	2023
599480	4133260	0.012	0.013	0.010	1.30E-02	2023
599500	4133260	0.015	0.016	0.013	1.61E-02	2023
599520	4133260	0.018	0.019	0.015	1.90E-02	2023
599540	4133260	0.020	0.021	0.017	2.14E-02	2023
599560	4133260	0.022	0.023	0.018	2.30E-02	2023
599580	4133260	0.023	0.024	0.019	2.38E-02	2023
599600	4133260	0.023	0.024	0.019	2.39E-02	2023
599620	4133260	0.022	0.023	0.019	2.34E-02	2023
599640	4133260	0.021	0.022	0.018	2.25E-02	2023
599120	4133280	0.001	0.001	0.001	7.65E-04	2023
599140	4133280	0.001	0.001	0.001	8.17E-04	2023
599160	4133280	0.001	0.001	0.001	8.74E-04	2023
599180	4133280	0.001	0.001	0.001	9.40E-04	2023
599200	4133280	0.001	0.001	0.001	1.01E-03	2023
599220	4133280	0.001	0.001	0.001	1.10E-03	2023
599240	4133280	0.001	0.001	0.001	1.21E-03	2023
599260	4133280	0.001	0.001	0.001	1.34E-03	2023
599280	4133280	0.001	0.002	0.001	1.52E-03	2023
599300	4133280	0.002	0.002	0.001	1.76E-03	2023
599320	4133280	0.002	0.002	0.002	2.09E-03	2023
599340	4133280	0.002	0.003	0.002	2.52E-03	2023
599360	4133280	0.003	0.003	0.003	3.13E-03	2023
599380	4133280	0.004	0.004	0.003	4.02E-03	2023
599400	4133280	0.005	0.005	0.004	5.38E-03	2023
599420	4133280	0.007	0.007	0.006	7.48E-03	2023

599440	4133280	0.010	0.010	0.008	1.04E-02	2023
599460	4133280	0.014	0.014	0.011	1.41E-02	2023
599480	4133280	0.017	0.018	0.015	1.83E-02	2023
599500	4133280	0.021	0.022	0.018	2.23E-02	2023
599520	4133280	0.024	0.026	0.021	2.57E-02	2023
599540	4133280	0.027	0.028	0.022	2.80E-02	2023
599560	4133280	0.028	0.029	0.023	2.92E-02	2023
599580	4133280	0.028	0.029	0.023	2.93E-02	2023
599600	4133280	0.027	0.028	0.023	2.85E-02	2023
599620	4133280	0.026	0.027	0.022	2.70E-02	2023
599640	4133280	0.024	0.025	0.020	2.52E-02	2023
599660	4133280	0.022	0.023	0.019	2.33E-02	2023
599100	4133300	0.001	0.001	0.001	8.18E-04	2023
599120	4133300	0.001	0.001	0.001	8.76E-04	2023
599140	4133300	0.001	0.001	0.001	9.42E-04	2023
599160	4133300	0.001	0.001	0.001	1.02E-03	2023
599180	4133300	0.001	0.001	0.001	1.10E-03	2023
599200	4133300	0.001	0.001	0.001	1.20E-03	2023
599220	4133300	0.001	0.001	0.001	1.31E-03	2023
599240	4133300	0.001	0.001	0.001	1.44E-03	2023
599260	4133300	0.002	0.002	0.001	1.61E-03	2023
599280	4133300	0.002	0.002	0.001	1.82E-03	2023
599300	4133300	0.002	0.002	0.002	2.13E-03	2023
599320	4133300	0.002	0.003	0.002	2.54E-03	2023
599340	4133300	0.003	0.003	0.002	3.11E-03	2023
599360	4133300	0.004	0.004	0.003	3.93E-03	2023
599380	4133300	0.005	0.005	0.004	5.22E-03	2023
599400	4133300	0.007	0.007	0.006	7.28E-03	2023
599420	4133300	0.010	0.011	0.008	1.05E-02	2023
599440	4133300	0.014	0.015	0.012	1.51E-02	2023
599460	4133300	0.020	0.021	0.017	2.08E-02	2023
599480	4133300	0.025	0.027	0.021	2.66E-02	2023
599500	4133300	0.030	0.031	0.025	3.15E-02	2023
599520	4133300	0.033	0.035	0.028	3.49E-02	2023
599540	4133300	0.035	0.037	0.029	3.66E-02	2023
599560	4133300	0.035	0.037	0.029	3.66E-02	2023
599580	4133300	0.033	0.035	0.028	3.50E-02	2023
599600	4133300	0.031	0.033	0.026	3.29E-02	2023
599620	4133300	0.029	0.030	0.024	3.03E-02	2023
599640	4133300	0.026	0.027	0.022	2.75E-02	2023
599660	4133300	0.024	0.025	0.020	2.47E-02	2023
599680	4133300	0.021	0.022	0.018	2.21E-02	2023
599100	4133320	0.001	0.001	0.001	9.33E-04	2023
599120	4133320	0.001	0.001	0.001	1.01E-03	2023
599140	4133320	0.001	0.001	0.001	1.09E-03	2023
599160	4133320	0.001	0.001	0.001	1.19E-03	2023
599180	4133320	0.001	0.001	0.001	1.31E-03	2023
599200	4133320	0.001	0.001	0.001	1.43E-03	2023
599220	4133320	0.002	0.002	0.001	1.58E-03	2023
599240	4133320	0.002	0.002	0.001	1.75E-03	2023
599260	4133320	0.002	0.002	0.002	1.96E-03	2023
599280	4133320	0.002	0.002	0.002	2.24E-03	2023
599300	4133320	0.003	0.003	0.002	2.62E-03	2023
599340	4133320	0.004	0.004	0.003	3.93E-03	2023
599360	4133320	0.005	0.005	0.004	5.11E-03	2023
599380	4133320	0.007	0.007	0.006	7.03E-03	2023
599400	4133320	0.010	0.010	0.008	1.04E-02	2023
599420	4133320	0.015	0.016	0.013	1.57E-02	2023
599440	4133320	0.022	0.023	0.019	2.33E-02	2023
599460	4133320	0.030	0.032	0.025	3.18E-02	2023
599480	4133320	0.038	0.040	0.032	3.96E-02	2023
599500	4133320	0.043	0.045	0.036	4.48E-02	2023
599520	4133320	0.045	0.047	0.038	4.73E-02	2023
599540	4133320	0.045	0.047	0.038	4.70E-02	2023
599560	4133320	0.042	0.044	0.036	4.45E-02	2023
599580	4133320	0.039	0.041	0.033	4.08E-02	2023
599600	4133320	0.035	0.037	0.029	3.68E-02	2023
599620	4133320	0.031	0.033	0.026	3.26E-02	2023
599640	4133320	0.027	0.029	0.023	2.87E-02	2023
599660	4133320	0.024	0.025	0.020	2.52E-02	2023
599680	4133320	0.021	0.022	0.018	2.20E-02	2023
599080	4133340	0.001	0.001	0.001	9.81E-04	2023
599100	4133340	0.001	0.001	0.001	1.07E-03	2023
599120	4133340	0.001	0.001	0.001	1.17E-03	2023
599140	4133340	0.001	0.001	0.001	1.28E-03	2023
599160	4133340	0.001	0.001	0.001	1.40E-03	2023
599180	4133340	0.001	0.002	0.001	1.56E-03	2023
599200	4133340	0.002	0.002	0.001	1.73E-03	2023
599220	4133340	0.002	0.002	0.002	1.94E-03	2023
599240	4133340	0.002	0.002	0.002	2.16E-03	2023
599260	4133340	0.002	0.002	0.002	2.46E-03	2023
599280	4133340	0.003	0.003	0.002	2.83E-03	2023
599360	4133340	0.007	0.007	0.006	6.89E-03	2023
599420	4133340	0.024	0.025	0.020	2.55E-02	2023
599440	4133340	0.036	0.038	0.031	3.82E-02	2023
599460	4133340	0.048	0.051	0.041	5.08E-02	2023
599480	4133340	0.057	0.060	0.048	5.98E-02	2023
599500	4133340	0.060	0.063	0.051	6.34E-02	2023
599520	4133340	0.060	0.062	0.050	6.23E-02	2023
599540	4133340	0.055	0.058	0.046	5.80E-02	2023
599560	4133340	0.049	0.052	0.041	5.18E-02	2023
599580	4133340	0.043	0.045	0.036	4.53E-02	2023
599600	4133340	0.037	0.039	0.031	3.91E-02	2023
599620	4133340	0.032	0.033	0.027	3.34E-02	2023
599640	4133340	0.027	0.029	0.023	2.86E-02	2023
599660	4133340	0.023	0.024	0.020	2.44E-02	2023

599680	4133340	0.020	0.021	0.017	2.09E-02	2023
599080	4133360	0.001	0.001	0.001	1.11E-03	2023
599100	4133360	0.001	0.001	0.001	1.22E-03	2023
599120	4133360	0.001	0.001	0.001	1.35E-03	2023
599140	4133360	0.001	0.001	0.001	1.49E-03	2023
599160	4133360	0.002	0.002	0.001	1.67E-03	2023
599180	4133360	0.002	0.002	0.001	1.87E-03	2023
599200	4133360	0.002	0.002	0.002	2.12E-03	2023
599220	4133360	0.002	0.002	0.002	2.40E-03	2023
599240	4133360	0.003	0.003	0.002	2.74E-03	2023
599420	4133360	0.043	0.045	0.036	4.54E-02	2023
599440	4133360	0.064	0.067	0.054	6.69E-02	2023
599460	4133360	0.079	0.083	0.066	8.32E-02	2023
599480	4133360	0.085	0.089	0.071	8.94E-02	2023
599500	4133360	0.082	0.086	0.069	8.64E-02	2023
599520	4133360	0.074	0.078	0.062	7.80E-02	2023
599540	4133360	0.064	0.067	0.054	6.70E-02	2023
599560	4133360	0.054	0.056	0.045	5.64E-02	2023
599580	4133360	0.045	0.047	0.038	4.70E-02	2023
599600	4133360	0.037	0.039	0.031	3.89E-02	2023
599620	4133360	0.031	0.032	0.026	3.23E-02	2023
599640	4133360	0.026	0.027	0.022	2.69E-02	2023
599660	4133360	0.022	0.023	0.018	2.25E-02	2023
599680	4133360	0.018	0.019	0.015	1.90E-02	2023
599700	4133360	0.015	0.016	0.013	1.62E-02	2023
599080	4133380	0.001	0.001	0.001	1.27E-03	2023
599100	4133380	0.001	0.001	0.001	1.40E-03	2023
599120	4133380	0.001	0.002	0.001	1.56E-03	2023
599140	4133380	0.002	0.002	0.001	1.75E-03	2023
599160	4133380	0.002	0.002	0.002	1.98E-03	2023
599180	4133380	0.002	0.002	0.002	2.25E-03	2023
599200	4133380	0.002	0.003	0.002	2.58E-03	2023
599220	4133380	0.003	0.003	0.002	2.96E-03	2023
599440	4133380	0.117	0.123	0.098	1.23E-01	2023
599460	4133380	0.129	0.135	0.108	1.35E-01	2023
599480	4133380	0.121	0.127	0.101	1.27E-01	2023
599500	4133380	0.104	0.109	0.087	1.09E-01	2023
599520	4133380	0.085	0.089	0.071	8.89E-02	2023
599540	4133380	0.068	0.071	0.057	7.08E-02	2023
599560	4133380	0.054	0.056	0.045	5.62E-02	2023
599580	4133380	0.043	0.045	0.036	4.47E-02	2023
599600	4133380	0.034	0.036	0.029	3.58E-02	2023
599620	4133380	0.028	0.029	0.023	2.91E-02	2023
599640	4133380	0.023	0.024	0.019	2.38E-02	2023
599660	4133380	0.019	0.020	0.016	1.97E-02	2023
599680	4133380	0.016	0.016	0.013	1.65E-02	2023
599700	4133380	0.013	0.014	0.011	1.39E-02	2023
599060	4133400	0.001	0.001	0.001	1.30E-03	2023
599080	4133400	0.001	0.001	0.001	1.45E-03	2023
599100	4133400	0.002	0.002	0.001	1.62E-03	2023
599120	4133400	0.002	0.002	0.001	1.82E-03	2023
599140	4133400	0.002	0.002	0.002	2.07E-03	2023
599160	4133400	0.002	0.002	0.002	2.37E-03	2023
599180	4133400	0.003	0.003	0.002	2.73E-03	2023
599200	4133400	0.003	0.003	0.003	3.16E-03	2023
599220	4133400	0.004	0.004	0.003	3.70E-03	2023
599480	4133400	0.151	0.159	0.127	1.59E-01	2023
599500	4133400	0.114	0.120	0.096	1.20E-01	2023
599520	4133400	0.084	0.088	0.071	8.84E-02	2023
599540	4133400	0.063	0.066	0.053	6.59E-02	2023
599560	4133400	0.048	0.050	0.040	5.00E-02	2023
599580	4133400	0.037	0.039	0.031	3.86E-02	2023
599600	4133400	0.029	0.030	0.024	3.04E-02	2023
599620	4133400	0.023	0.024	0.019	2.44E-02	2023
599640	4133400	0.019	0.020	0.016	1.98E-02	2023
599660	4133400	0.016	0.016	0.013	1.63E-02	2023
599680	4133400	0.013	0.014	0.011	1.36E-02	2023
599700	4133400	0.011	0.012	0.009	1.16E-02	2023
599060	4133420	0.001	0.001	0.001	1.49E-03	2023
599080	4133420	0.002	0.002	0.001	1.66E-03	2023
599100	4133420	0.002	0.002	0.002	1.88E-03	2023
599120	4133420	0.002	0.002	0.002	2.13E-03	2023
599140	4133420	0.002	0.002	0.002	2.46E-03	2023
599160	4133420	0.003	0.003	0.002	2.85E-03	2023
599180	4133420	0.003	0.003	0.003	3.33E-03	2023
599200	4133420	0.004	0.004	0.003	3.97E-03	2023
599220	4133420	0.005	0.005	0.004	4.79E-03	2023
599240	4133420	0.006	0.006	0.005	5.93E-03	2023
599500	4133420	0.102	0.107	0.085	1.07E-01	2023
599520	4133420	0.070	0.074	0.059	7.36E-02	2023
599540	4133420	0.050	0.053	0.042	5.28E-02	2023
599560	4133420	0.037	0.039	0.031	3.93E-02	2023
599580	4133420	0.029	0.030	0.024	3.02E-02	2023
599600	4133420	0.023	0.024	0.019	2.38E-02	2023
599620	4133420	0.018	0.019	0.015	1.91E-02	2023
599640	4133420	0.015	0.016	0.012	1.56E-02	2023
599660	4133420	0.012	0.013	0.010	1.30E-02	2023
599680	4133420	0.010	0.011	0.009	1.10E-02	2023
599700	4133420	0.009	0.009	0.008	9.40E-03	2023
599060	4133440	0.002	0.002	0.001	1.72E-03	2023
599080	4133440	0.002	0.002	0.002	1.94E-03	2023
599100	4133440	0.002	0.002	0.002	2.21E-03	2023
599120	4133440	0.002	0.003	0.002	2.55E-03	2023
599140	4133440	0.003	0.003	0.002	2.96E-03	2023
599160	4133440	0.003	0.003	0.003	3.47E-03	2023
599180	4133440	0.004	0.004	0.003	4.15E-03	2023

599200	4133440	0.005	0.005	0.004	5.03E-03	2023
599220	4133440	0.006	0.006	0.005	6.27E-03	2023
599240	4133440	0.008	0.008	0.006	8.07E-03	2023
599260	4133440	0.010	0.011	0.009	1.06E-02	2023
599280	4133440	0.014	0.015	0.012	1.46E-02	2023
599480	4133440	0.110	0.115	0.092	1.15E-01	2023
599500	4133440	0.070	0.074	0.059	7.38E-02	2023
599520	4133440	0.048	0.051	0.041	5.08E-02	2023
599540	4133440	0.035	0.037	0.029	3.69E-02	2023
599560	4133440	0.027	0.028	0.022	2.80E-02	2023
599580	4133440	0.021	0.022	0.018	2.20E-02	2023
599600	4133440	0.017	0.018	0.014	1.76E-02	2023
599620	4133440	0.014	0.014	0.011	1.44E-02	2023
599640	4133440	0.011	0.012	0.010	1.19E-02	2023
599660	4133440	0.010	0.010	0.008	1.01E-02	2023
599680	4133440	0.008	0.009	0.007	8.67E-03	2023
599700	4133440	0.007	0.008	0.006	7.53E-03	2023
599060	4133460	0.002	0.002	0.002	2.00E-03	2023
599080	4133460	0.002	0.002	0.002	2.28E-03	2023
599100	4133460	0.003	0.003	0.002	2.63E-03	2023
599120	4133460	0.003	0.003	0.002	3.07E-03	2023
599140	4133460	0.003	0.004	0.003	3.62E-03	2023
599160	4133460	0.004	0.004	0.003	4.32E-03	2023
599180	4133460	0.005	0.005	0.004	5.27E-03	2023
599200	4133460	0.006	0.007	0.005	6.57E-03	2023
599220	4133460	0.008	0.008	0.007	8.46E-03	2023
599240	4133460	0.011	0.011	0.009	1.13E-02	2023
599260	4133460	0.015	0.016	0.012	1.56E-02	2023
599480	4133460	0.059	0.062	0.049	6.19E-02	2023
599500	4133460	0.041	0.043	0.034	4.30E-02	2023
599520	4133460	0.030	0.032	0.025	3.15E-02	2023
599540	4133460	0.023	0.024	0.020	2.44E-02	2023
599560	4133460	0.018	0.019	0.015	1.92E-02	2023
599580	4133460	0.015	0.016	0.012	1.55E-02	2023
599600	4133460	0.012	0.013	0.010	1.28E-02	2023
599620	4133460	0.010	0.011	0.009	1.07E-02	2023
599640	4133460	0.009	0.009	0.007	9.11E-03	2023
599660	4133460	0.008	0.008	0.006	7.88E-03	2023
599680	4133460	0.007	0.007	0.006	6.89E-03	2023
599700	4133460	0.006	0.006	0.005	6.05E-03	2023
599060	4133480	0.002	0.002	0.002	2.34E-03	2023
599080	4133480	0.003	0.003	0.002	2.70E-03	2023
599100	4133480	0.003	0.003	0.003	3.15E-03	2023
599120	4133480	0.004	0.004	0.003	3.73E-03	2023
599140	4133480	0.004	0.004	0.004	4.47E-03	2023
599160	4133480	0.005	0.005	0.004	5.44E-03	2023
599180	4133480	0.006	0.007	0.005	6.74E-03	2023
599200	4133480	0.008	0.009	0.007	8.61E-03	2023
599220	4133480	0.011	0.011	0.009	1.14E-02	2023
599240	4133480	0.015	0.015	0.012	1.54E-02	2023
599360	4133480	0.192	0.201	0.161	2.01E-01	2023
599380	4133480	0.206	0.216	0.172	2.16E-01	2023
599500	4133480	0.025	0.026	0.021	2.57E-02	2023
599520	4133480	0.019	0.020	0.016	2.03E-02	2023
599540	4133480	0.016	0.017	0.013	1.66E-02	2023
599560	4133480	0.013	0.014	0.011	1.35E-02	2023
599580	4133480	0.011	0.011	0.009	1.13E-02	2023
599600	4133480	0.009	0.010	0.008	9.58E-03	2023
599620	4133480	0.008	0.008	0.007	8.21E-03	2023
599640	4133480	0.007	0.007	0.006	7.15E-03	2023
599660	4133480	0.006	0.006	0.005	6.30E-03	2023
599680	4133480	0.005	0.006	0.004	5.58E-03	2023
599700	4133480	0.005	0.005	0.004	4.96E-03	2023
599060	4133500	0.003	0.003	0.002	2.76E-03	2023
599080	4133500	0.003	0.003	0.003	3.21E-03	2023
599100	4133500	0.004	0.004	0.003	3.79E-03	2023
599120	4133500	0.004	0.005	0.004	4.53E-03	2023
599140	4133500	0.005	0.005	0.004	5.49E-03	2023
599160	4133500	0.006	0.007	0.005	6.77E-03	2023
599180	4133500	0.008	0.009	0.007	8.51E-03	2023
599200	4133500	0.010	0.011	0.009	1.09E-02	2023
599220	4133500	0.014	0.014	0.012	1.44E-02	2023
599240	4133500	0.019	0.020	0.016	1.95E-02	2023
599520	4133500	0.014	0.014	0.012	1.45E-02	2023
599540	4133500	0.012	0.012	0.010	1.21E-02	2023
599560	4133500	0.010	0.010	0.008	1.02E-02	2023
599580	4133500	0.008	0.009	0.007	8.75E-03	2023
599600	4133500	0.007	0.008	0.006	7.57E-03	2023
599620	4133500	0.006	0.007	0.005	6.61E-03	2023
599640	4133500	0.006	0.006	0.005	5.85E-03	2023
599660	4133500	0.005	0.005	0.004	5.21E-03	2023
599680	4133500	0.004	0.005	0.004	4.65E-03	2023
599700	4133500	0.004	0.004	0.003	4.19E-03	2023
599080	4133520	0.004	0.004	0.003	3.79E-03	2023
599100	4133520	0.004	0.004	0.004	4.50E-03	2023
599120	4133520	0.005	0.005	0.004	5.40E-03	2023
599140	4133520	0.006	0.007	0.005	6.56E-03	2023
599160	4133520	0.008	0.008	0.006	8.10E-03	2023
599180	4133520	0.010	0.010	0.008	1.01E-02	2023
599200	4133520	0.012	0.013	0.010	1.29E-02	2023
599220	4133520	0.016	0.017	0.013	1.67E-02	2023
599240	4133520	0.021	0.022	0.017	2.18E-02	2023
599260	4133520	0.027	0.029	0.023	2.87E-02	2023
599540	4133520	0.009	0.010	0.008	9.53E-03	2023
599560	4133520	0.008	0.008	0.007	8.23E-03	2023
599580	4133520	0.007	0.007	0.006	7.15E-03	2023

599600	4133520	0.006	0.006	0.005	6.27E-03	2023
599620	4133520	0.005	0.006	0.004	5.55E-03	2023
599640	4133520	0.005	0.005	0.004	4.96E-03	2023
599660	4133520	0.004	0.004	0.004	4.45E-03	2023
599680	4133520	0.004	0.004	0.003	4.02E-03	2023
599700	4133520	0.003	0.004	0.003	3.62E-03	2023
599080	4133540	0.004	0.004	0.004	4.39E-03	2023
599100	4133540	0.005	0.005	0.004	5.20E-03	2023
599120	4133540	0.006	0.006	0.005	6.23E-03	2023
599140	4133540	0.007	0.008	0.006	7.53E-03	2023
599160	4133540	0.009	0.009	0.007	9.19E-03	2023
599180	4133540	0.011	0.011	0.009	1.13E-02	2023
599200	4133540	0.013	0.014	0.011	1.40E-02	2023
599220	4133540	0.017	0.017	0.014	1.75E-02	2023
599240	4133540	0.021	0.022	0.017	2.17E-02	2023
599260	4133540	0.025	0.027	0.021	2.66E-02	2023
599280	4133540	0.031	0.032	0.026	3.21E-02	2023
599300	4133540	0.035	0.037	0.030	3.72E-02	2023
599320	4133540	0.039	0.041	0.033	4.09E-02	2023
599340	4133540	0.040	0.042	0.034	4.24E-02	2023
599520	4133540	0.009	0.009	0.007	8.91E-03	2023
599540	4133540	0.007	0.008	0.006	7.76E-03	2023
599560	4133540	0.007	0.007	0.005	6.82E-03	2023
599580	4133540	0.006	0.006	0.005	6.02E-03	2023
599600	4133540	0.005	0.005	0.004	5.36E-03	2023
599620	4133540	0.005	0.005	0.004	4.77E-03	2023
599640	4133540	0.004	0.004	0.003	4.31E-03	2023
599660	4133540	0.004	0.004	0.003	3.87E-03	2023
599680	4133540	0.003	0.004	0.003	3.53E-03	2023
599700	4133540	0.003	0.003	0.003	3.23E-03	2023
599080	4133560	0.005	0.005	0.004	4.94E-03	2023
599100	4133560	0.006	0.006	0.005	5.81E-03	2023
599120	4133560	0.007	0.007	0.006	6.89E-03	2023
599140	4133560	0.008	0.008	0.007	8.21E-03	2023
599160	4133560	0.009	0.010	0.008	9.83E-03	2023
599180	4133560	0.011	0.012	0.009	1.18E-02	2023
599200	4133560	0.013	0.014	0.011	1.41E-02	2023
599220	4133560	0.016	0.017	0.013	1.68E-02	2023
599240	4133560	0.019	0.020	0.016	1.98E-02	2023
599260	4133560	0.022	0.023	0.018	2.29E-02	2023
599280	4133560	0.025	0.026	0.021	2.57E-02	2023
599300	4133560	0.027	0.028	0.022	2.78E-02	2023
599320	4133560	0.028	0.029	0.023	2.89E-02	2023
599340	4133560	0.027	0.029	0.023	2.86E-02	2023
599360	4133560	0.026	0.027	0.022	2.73E-02	2023
599380	4133560	0.023	0.024	0.019	2.42E-02	2023
599500	4133560	0.008	0.008	0.007	8.19E-03	2023
599520	4133560	0.007	0.007	0.006	7.21E-03	2023
599540	4133560	0.006	0.006	0.005	6.40E-03	2023
599560	4133560	0.005	0.006	0.005	5.74E-03	2023
599580	4133560	0.005	0.005	0.004	5.17E-03	2023
599600	4133560	0.004	0.005	0.004	4.63E-03	2023
599620	4133560	0.004	0.004	0.003	4.18E-03	2023
599640	4133560	0.004	0.004	0.003	3.80E-03	2023
599660	4133560	0.003	0.003	0.003	3.45E-03	2023
599680	4133560	0.003	0.003	0.003	3.15E-03	2023
599700	4133560	0.003	0.003	0.002	2.89E-03	2023
599080	4133580	0.005	0.005	0.004	5.37E-03	2023
599100	4133580	0.006	0.006	0.005	6.25E-03	2023
599120	4133580	0.007	0.007	0.006	7.29E-03	2023
599140	4133580	0.008	0.009	0.007	8.52E-03	2023
599160	4133580	0.009	0.010	0.008	9.95E-03	2023
599180	4133580	0.011	0.012	0.009	1.16E-02	2023
599200	4133580	0.013	0.013	0.011	1.34E-02	2023
599220	4133580	0.015	0.015	0.012	1.53E-02	2023
599240	4133580	0.016	0.017	0.014	1.71E-02	2023
599260	4133580	0.018	0.019	0.015	1.88E-02	2023
599280	4133580	0.019	0.020	0.016	2.01E-02	2023
599300	4133580	0.020	0.021	0.017	2.08E-02	2023
599320	4133580	0.020	0.021	0.017	2.10E-02	2023
599340	4133580	0.020	0.020	0.016	2.05E-02	2023
599360	4133580	0.019	0.019	0.016	1.94E-02	2023
599500	4133580	0.006	0.007	0.005	6.59E-03	2023
599520	4133580	0.006	0.006	0.005	5.96E-03	2023
599540	4133580	0.005	0.005	0.004	5.37E-03	2023
599560	4133580	0.005	0.005	0.004	4.90E-03	2023
599580	4133580	0.004	0.004	0.004	4.49E-03	2023
599600	4133580	0.004	0.004	0.003	4.04E-03	2023
599620	4133580	0.004	0.004	0.003	3.69E-03	2023
599640	4133580	0.003	0.003	0.003	3.37E-03	2023
599660	4133580	0.003	0.003	0.002	3.08E-03	2023
599680	4133580	0.003	0.003	0.002	2.84E-03	2023
599100	4133600	0.006	0.006	0.005	6.46E-03	2023
599120	4133600	0.007	0.007	0.006	7.40E-03	2023
599140	4133600	0.008	0.008	0.007	8.45E-03	2023
599160	4133600	0.009	0.010	0.008	9.62E-03	2023
599180	4133600	0.010	0.011	0.009	1.09E-02	2023
599200	4133600	0.012	0.012	0.010	1.21E-02	2023
599220	4133600	0.013	0.013	0.011	1.33E-02	2023
599240	4133600	0.014	0.014	0.012	1.44E-02	2023
599260	4133600	0.015	0.015	0.012	1.52E-02	2023
599280	4133600	0.015	0.016	0.013	1.57E-02	2023
599300	4133600	0.015	0.016	0.013	1.59E-02	2023
599320	4133600	0.015	0.016	0.013	1.58E-02	2023
599340	4133600	0.015	0.015	0.012	1.54E-02	2023
599360	4133600	0.014	0.014	0.012	1.45E-02	2023

599480	4133600	0.006	0.006	0.005	5.86E-03	2023
599500	4133600	0.005	0.005	0.004	5.36E-03	2023
599520	4133600	0.005	0.005	0.004	4.90E-03	2023
599540	4133600	0.004	0.004	0.004	4.47E-03	2023
599560	4133600	0.004	0.004	0.003	4.19E-03	2023
599580	4133600	0.004	0.004	0.003	3.89E-03	2023
599600	4133600	0.003	0.004	0.003	3.52E-03	2023
599620	4133600	0.003	0.003	0.003	3.25E-03	2023
599640	4133600	0.003	0.003	0.002	3.00E-03	2023
599660	4133600	0.003	0.003	0.002	2.77E-03	2023
599680	4133600	0.002	0.003	0.002	2.56E-03	2023
599100	4133620	0.006	0.006	0.005	6.46E-03	2023
599120	4133620	0.007	0.007	0.006	7.25E-03	2023
599140	4133620	0.008	0.008	0.006	8.09E-03	2023
599160	4133620	0.009	0.009	0.007	8.98E-03	2023
599180	4133620	0.009	0.010	0.008	9.86E-03	2023
599200	4133620	0.010	0.011	0.009	1.07E-02	2023
599220	4133620	0.011	0.011	0.009	1.14E-02	2023
599240	4133620	0.011	0.012	0.010	1.20E-02	2023
599260	4133620	0.012	0.012	0.010	1.23E-02	2023
599280	4133620	0.012	0.012	0.010	1.25E-02	2023
599300	4133620	0.012	0.012	0.010	1.24E-02	2023
599320	4133620	0.012	0.012	0.010	1.23E-02	2023
599340	4133620	0.011	0.012	0.010	1.19E-02	2023
599460	4133620	0.005	0.005	0.004	5.38E-03	2023
599480	4133620	0.005	0.005	0.004	4.84E-03	2023
599500	4133620	0.004	0.004	0.004	4.40E-03	2023
599520	4133620	0.004	0.004	0.003	4.05E-03	2023
599540	4133620	0.004	0.004	0.003	3.80E-03	2023
599560	4133620	0.003	0.004	0.003	3.55E-03	2023
599580	4133620	0.003	0.003	0.003	3.32E-03	2023
599600	4133620	0.003	0.003	0.002	3.09E-03	2023
599620	4133620	0.003	0.003	0.002	2.88E-03	2023
599640	4133620	0.003	0.003	0.002	2.69E-03	2023
599660	4133620	0.002	0.003	0.002	2.51E-03	2023
599120	4133640	0.007	0.007	0.006	6.89E-03	2023
599140	4133640	0.007	0.008	0.006	7.55E-03	2023
599160	4133640	0.008	0.008	0.007	8.17E-03	2023
599180	4133640	0.008	0.009	0.007	8.76E-03	2023
599200	4133640	0.009	0.009	0.007	9.27E-03	2023
599220	4133640	0.009	0.010	0.008	9.66E-03	2023
599240	4133640	0.009	0.010	0.008	9.92E-03	2023
599260	4133640	0.010	0.010	0.008	1.00E-02	2023
599280	4133640	0.010	0.010	0.008	1.00E-02	2023
599300	4133640	0.010	0.010	0.008	9.98E-03	2023
599320	4133640	0.009	0.010	0.008	9.79E-03	2023
599340	4133640	0.009	0.009	0.008	9.47E-03	2023
599360	4133640	0.009	0.009	0.007	8.91E-03	2023
599460	4133640	0.004	0.005	0.004	4.52E-03	2023
599480	4133640	0.004	0.004	0.003	4.07E-03	2023
599500	4133640	0.004	0.004	0.003	3.73E-03	2023
599520	4133640	0.003	0.003	0.003	3.47E-03	2023
599540	4133640	0.003	0.003	0.003	3.26E-03	2023
599560	4133640	0.003	0.003	0.002	3.07E-03	2023
599580	4133640	0.003	0.003	0.002	2.90E-03	2023
599600	4133640	0.003	0.003	0.002	2.73E-03	2023
599620	4133640	0.002	0.003	0.002	2.56E-03	2023
599640	4133640	0.002	0.002	0.002	2.41E-03	2023
599660	4133640	0.002	0.002	0.002	2.27E-03	2023
599140	4133660	0.007	0.007	0.006	6.89E-03	2023
599160	4133660	0.007	0.007	0.006	7.32E-03	2023
599180	4133660	0.007	0.008	0.006	7.69E-03	2023
599200	4133660	0.008	0.008	0.006	7.98E-03	2023
599220	4133660	0.008	0.008	0.007	8.17E-03	2023
599240	4133660	0.008	0.008	0.007	8.28E-03	2023
599260	4133660	0.008	0.008	0.007	8.29E-03	2023
599280	4133660	0.008	0.008	0.007	8.24E-03	2023
599300	4133660	0.008	0.008	0.007	8.15E-03	2023
599320	4133660	0.008	0.008	0.006	7.99E-03	2023
599340	4133660	0.007	0.008	0.006	7.71E-03	2023
599360	4133660	0.007	0.007	0.006	7.24E-03	2023
599380	4133660	0.006	0.007	0.005	6.61E-03	2023
599400	4133660	0.006	0.006	0.005	5.86E-03	2023
599440	4133660	0.004	0.004	0.004	4.40E-03	2023
599460	4133660	0.004	0.004	0.003	3.87E-03	2023
599480	4133660	0.003	0.003	0.003	3.49E-03	2023
599500	4133660	0.003	0.003	0.003	3.20E-03	2023
599520	4133660	0.003	0.003	0.002	2.98E-03	2023
599540	4133660	0.003	0.003	0.002	2.82E-03	2023
599560	4133660	0.003	0.003	0.002	2.68E-03	2023
599580	4133660	0.002	0.003	0.002	2.54E-03	2023
599600	4133660	0.002	0.002	0.002	2.40E-03	2023
599620	4133660	0.002	0.002	0.002	2.28E-03	2023
599640	4133660	0.002	0.002	0.002	2.16E-03	2023
599160	4133680	0.006	0.006	0.005	6.49E-03	2023
599180	4133680	0.006	0.007	0.005	6.71E-03	2023
599200	4133680	0.007	0.007	0.005	6.85E-03	2023
599220	4133680	0.007	0.007	0.006	6.94E-03	2023
599240	4133680	0.007	0.007	0.006	6.96E-03	2023
599260	4133680	0.007	0.007	0.006	6.94E-03	2023
599280	4133680	0.007	0.007	0.005	6.88E-03	2023
599300	4133680	0.006	0.007	0.005	6.78E-03	2023
599320	4133680	0.006	0.007	0.005	6.64E-03	2023
599340	4133680	0.006	0.006	0.005	6.39E-03	2023
599360	4133680	0.006	0.006	0.005	6.01E-03	2023
599380	4133680	0.005	0.006	0.004	5.50E-03	2023

599400	4133680	0.005	0.005	0.004	4.92E-03	2023
599420	4133680	0.004	0.004	0.003	4.33E-03	2023
599440	4133680	0.004	0.004	0.003	3.79E-03	2023
599460	4133680	0.003	0.003	0.003	3.35E-03	2023
599480	4133680	0.003	0.003	0.002	3.02E-03	2023
599500	4133680	0.003	0.003	0.002	2.77E-03	2023
599520	4133680	0.002	0.003	0.002	2.60E-03	2023
599540	4133680	0.002	0.002	0.002	2.46E-03	2023
599560	4133680	0.002	0.002	0.002	2.34E-03	2023
599580	4133680	0.002	0.002	0.002	2.23E-03	2023
599600	4133680	0.002	0.002	0.002	2.13E-03	2023
599620	4133680	0.002	0.002	0.002	2.03E-03	2023
599180	4133700	0.006	0.006	0.005	5.84E-03	2023
599200	4133700	0.006	0.006	0.005	5.91E-03	2023
599220	4133700	0.006	0.006	0.005	5.93E-03	2023
599240	4133700	0.006	0.006	0.005	5.92E-03	2023
599260	4133700	0.006	0.006	0.005	5.88E-03	2023
599280	4133700	0.006	0.006	0.005	5.82E-03	2023
599300	4133700	0.005	0.006	0.005	5.73E-03	2023
599320	4133700	0.005	0.006	0.004	5.60E-03	2023
599340	4133700	0.005	0.005	0.004	5.39E-03	2023
599360	4133700	0.005	0.005	0.004	5.07E-03	2023
599380	4133700	0.004	0.005	0.004	4.66E-03	2023
599400	4133700	0.004	0.004	0.003	4.20E-03	2023
599420	4133700	0.004	0.004	0.003	3.73E-03	2023
599440	4133700	0.003	0.003	0.003	3.29E-03	2023
599460	4133700	0.003	0.003	0.002	2.93E-03	2023
599480	4133700	0.003	0.003	0.002	2.65E-03	2023
599500	4133700	0.002	0.002	0.002	2.44E-03	2023
599520	4133700	0.002	0.002	0.002	2.29E-03	2023
599540	4133700	0.002	0.002	0.002	2.17E-03	2023
599560	4133700	0.002	0.002	0.002	2.07E-03	2023
599580	4133700	0.002	0.002	0.002	1.97E-03	2023
599600	4133700	0.002	0.002	0.002	1.89E-03	2023
599200	4133720	0.005	0.005	0.004	5.12E-03	2023
599220	4133720	0.005	0.005	0.004	5.11E-03	2023
599240	4133720	0.005	0.005	0.004	5.08E-03	2023
599260	4133720	0.005	0.005	0.004	5.04E-03	2023
599280	4133720	0.005	0.005	0.004	4.98E-03	2023
599300	4133720	0.005	0.005	0.004	4.91E-03	2023
599320	4133720	0.005	0.005	0.004	4.79E-03	2023
599340	4133720	0.004	0.005	0.004	4.60E-03	2023
599360	4133720	0.004	0.004	0.003	4.33E-03	2023
599380	4133720	0.004	0.004	0.003	4.00E-03	2023
599400	4133720	0.003	0.004	0.003	3.64E-03	2023
599420	4133720	0.003	0.003	0.003	3.25E-03	2023
599440	4133720	0.003	0.003	0.002	2.90E-03	2023
599460	4133720	0.002	0.003	0.002	2.60E-03	2023
599480	4133720	0.002	0.002	0.002	2.35E-03	2023
599500	4133720	0.002	0.002	0.002	2.17E-03	2023
599520	4133720	0.002	0.002	0.002	2.03E-03	2023
599540	4133720	0.002	0.002	0.002	1.93E-03	2023
599560	4133720	0.002	0.002	0.001	1.84E-03	2023
599580	4133720	0.002	0.002	0.001	1.76E-03	2023
599220	4133740	0.004	0.004	0.004	4.44E-03	2023
599240	4133740	0.004	0.004	0.004	4.40E-03	2023
599260	4133740	0.004	0.004	0.003	4.37E-03	2023
599280	4133740	0.004	0.004	0.003	4.32E-03	2023
599300	4133740	0.004	0.004	0.003	4.25E-03	2023
599320	4133740	0.004	0.004	0.003	4.14E-03	2023
599340	4133740	0.004	0.004	0.003	3.97E-03	2023
599360	4133740	0.004	0.004	0.003	3.75E-03	2023
599380	4133740	0.003	0.003	0.003	3.48E-03	2023
599400	4133740	0.003	0.003	0.003	3.18E-03	2023
599420	4133740	0.003	0.003	0.002	2.86E-03	2023
599440	4133740	0.002	0.003	0.002	2.56E-03	2023
599460	4133740	0.002	0.002	0.002	2.31E-03	2023
599480	4133740	0.002	0.002	0.002	2.11E-03	2023
599500	4133740	0.002	0.002	0.002	1.94E-03	2023
599520	4133740	0.002	0.002	0.001	1.82E-03	2023
599540	4133740	0.002	0.002	0.001	1.73E-03	2023
599260	4133760	0.004	0.004	0.003	3.82E-03	2023
599280	4133760	0.004	0.004	0.003	3.78E-03	2023
599300	4133760	0.004	0.004	0.003	3.71E-03	2023
599320	4133760	0.003	0.004	0.003	3.61E-03	2023
599340	4133760	0.003	0.003	0.003	3.47E-03	2023
599360	4133760	0.003	0.003	0.003	3.28E-03	2023
599380	4133760	0.003	0.003	0.002	3.05E-03	2023
599400	4133760	0.003	0.003	0.002	2.80E-03	2023
599420	4133760	0.002	0.003	0.002	2.53E-03	2023
599440	4133760	0.002	0.002	0.002	2.29E-03	2023
599460	4133760	0.002	0.002	0.002	2.07E-03	2023
599480	4133760	0.002	0.002	0.002	1.89E-03	2023
599500	4133760	0.002	0.002	0.001	1.75E-03	2023
599340	4133780	0.003	0.003	0.002	3.06E-03	2023
599360	4133780	0.003	0.003	0.002	2.90E-03	2023
599380	4133780	0.003	0.003	0.002	2.70E-03	2023
599400	4133780	0.002	0.002	0.002	2.48E-03	2023
599420	4133780	0.002	0.002	0.002	2.26E-03	2023
599440	4133780	0.002	0.002	0.002	2.06E-03	2023

All Receptors - Mitigated Construction Annual Average $PM_{2.5}$ Concentration

				Days					Total Mitigated $PM_{2.5}$ (tons)
			Start	6/1/2022	8/31/2022	8/31/2024			
			Stop	44803.00	8/30/2024				
				90	730				
Phase Name	Construction Year	Start Date	End Date	3rd Trimester	Age 0<2	Age 2<16	Exposure Days	Calendar Days	Onsite Offroad
FS-8 Construction	2022	6/1/2022	8/1/2022	62.00	0.00	0	62	62	3.90E-04
	2023	3/1/2023	12/31/2023	0.00	306.00	0	306	306	2.39E-03
	2024	1/1/2024	3/1/2024	0.00	61.00	0	61	61	4.20E-04

				Total Mitigated $PM_{2.5}$ (g/s)
Phase Name	Construction Year	Start Date	End Date	CSTN
FS-8 Construction	2022	6/1/2022	8/1/2022	6.60E-05
	2023	3/1/2023	12/31/2023	8.20E-05
	2024	1/1/2024	3/1/2024	7.23E-05

	MAX	UTM X	UTM Y	
Annual Average $PM_{2.5}$ Concentration	0.01	599380	4133480	Potential Residence

Particulate Matter concentration, $C_{PM2.5}$ (ug/m^3)

X (UTM)	Y (UTM	FS-8 Construction 2022	2023	2024
599280	4133140	0.000	0.000	0.000
599300	4133140	0.000	0.000	0.000
599320	4133140	0.000	0.000	0.000
599340	4133140	0.000	0.000	0.000
599360	4133140	0.000	0.000	0.000
599380	4133140	0.000	0.000	0.000
599400	4133140	0.000	0.000	0.000
599420	4133140	0.000	0.000	0.000
599440	4133140	0.000	0.000	0.000
599460	4133140	0.000	0.000	0.000
599480	4133140	0.000	0.000	0.000
599240	4133160	0.000	0.000	0.000
599260	4133160	0.000	0.000	0.000
599280	4133160	0.000	0.000	0.000
599300	4133160	0.000	0.000	0.000
599320	4133160	0.000	0.000	0.000
599340	4133160	0.000	0.000	0.000
599360	4133160	0.000	0.000	0.000
599380	4133160	0.000	0.000	0.000
599400	4133160	0.000	0.000	0.000
599420	4133160	0.000	0.000	0.000
599440	4133160	0.000	0.000	0.000
599460	4133160	0.000	0.000	0.000
599480	4133160	0.000	0.000	0.000
599500	4133160	0.000	0.000	0.000
599520	4133160	0.000	0.000	0.000
599540	4133160	0.000	0.000	0.000
599200	4133180	0.000	0.000	0.000
599220	4133180	0.000	0.000	0.000
599240	4133180	0.000	0.000	0.000
599260	4133180	0.000	0.000	0.000
599280	4133180	0.000	0.000	0.000
599300	4133180	0.000	0.000	0.000
599320	4133180	0.000	0.000	0.000
599340	4133180	0.000	0.000	0.000
599360	4133180	0.000	0.000	0.000
599380	4133180	0.000	0.000	0.000
599400	4133180	0.000	0.000	0.000
599420	4133180	0.000	0.000	0.000
599440	4133180	0.000	0.000	0.000
599460	4133180	0.000	0.000	0.000
599480	4133180	0.000	0.000	0.000
599500	4133180	0.000	0.000	0.000
599520	4133180	0.000	0.000	0.000
599540	4133180	0.000	0.000	0.000
599560	4133180	0.000	0.001	0.001
599180	4133200	0.000	0.000	0.000
599200	4133200	0.000	0.000	0.000
599220	4133200	0.000	0.000	0.000
599240	4133200	0.000	0.000	0.000
599260	4133200	0.000	0.000	0.000
599280	4133200	0.000	0.000	0.000
599300	4133200	0.000	0.000	0.000
599320	4133200	0.000	0.000	0.000
599340	4133200	0.000	0.000	0.000
599360	4133200	0.000	0.000	0.000
599380	4133200	0.000	0.000	0.000
599400	4133200	0.000	0.000	0.000
599420	4133200	0.000	0.000	0.000
599440	4133200	0.000	0.000	0.000
599460	4133200	0.000	0.000	0.000
599480	4133200	0.000	0.000	0.000
599500	4133200	0.000	0.000	0.000
599520	4133200	0.000	0.001	0.000
599540	4133200	0.001	0.001	0.001

Annual Average $PM_{2.5}$ Concentration

max	max year
4.06E-05	2023
4.55E-05	2023
5.11E-05	2023
5.77E-05	2023
6.59E-05	2023
7.61E-05	2023
8.91E-05	2023
1.06E-04	2023
1.27E-04	2023
1.54E-04	2023
1.86E-04	2023
3.63E-05	2023
4.02E-05	2023
4.49E-05	2023
5.05E-05	2023
5.71E-05	2023
6.49E-05	2023
7.47E-05	2023
8.70E-05	2023
1.03E-04	2023
1.24E-04	2023
1.51E-04	2023
1.85E-04	2023
2.27E-04	2023
2.77E-04	2023
3.34E-04	2023
3.97E-04	2023
3.37E-05	2023
3.66E-05	2023
4.03E-05	2023
4.47E-05	2023
5.02E-05	2023
5.66E-05	2023
6.43E-05	2023
7.36E-05	2023
8.55E-05	2023
1.01E-04	2023
1.21E-04	2023
1.48E-04	2023
1.83E-04	2023
2.27E-04	2023
2.82E-04	2023
3.48E-04	2023
4.21E-04	2023
4.97E-04	2023
5.73E-04	2023
3.51E-05	2023
3.77E-05	2023
4.08E-05	2023
4.49E-05	2023
5.01E-05	2023
5.63E-05	2023
6.38E-05	2023
7.29E-05	2023
8.44E-05	2023
9.89E-05	2023
1.18E-04	2023
1.44E-04	2023
1.79E-04	2023
2.25E-04	2023
2.85E-04	2023
3.58E-04	2023
4.44E-04	2023
5.38E-04	2023
6.30E-04	2023

599560	4133200	0.001	0.001	0.001	7.20E-04	2023
599580	4133200	0.001	0.001	0.001	7.99E-04	2023
599600	4133200	0.001	0.001	0.001	8.62E-04	2023
599160	4133220	0.000	0.000	0.000	3.73E-05	2023
599180	4133220	0.000	0.000	0.000	3.96E-05	2023
599200	4133220	0.000	0.000	0.000	4.25E-05	2023
599220	4133220	0.000	0.000	0.000	4.60E-05	2023
599240	4133220	0.000	0.000	0.000	5.07E-05	2023
599260	4133220	0.000	0.000	0.000	5.66E-05	2023
599280	4133220	0.000	0.000	0.000	6.38E-05	2023
599300	4133220	0.000	0.000	0.000	7.25E-05	2023
599320	4133220	0.000	0.000	0.000	8.36E-05	2023
599340	4133220	0.000	0.000	0.000	9.76E-05	2023
599360	4133220	0.000	0.000	0.000	1.16E-04	2023
599380	4133220	0.000	0.000	0.000	1.41E-04	2023
599400	4133220	0.000	0.000	0.000	1.74E-04	2023
599420	4133220	0.000	0.000	0.000	2.20E-04	2023
599440	4133220	0.000	0.000	0.000	2.83E-04	2023
599460	4133220	0.000	0.000	0.000	3.64E-04	2023
599480	4133220	0.000	0.000	0.000	4.65E-04	2023
599500	4133220	0.000	0.001	0.001	5.78E-04	2023
599520	4133220	0.001	0.001	0.001	6.99E-04	2023
599540	4133220	0.001	0.001	0.001	8.14E-04	2023
599560	4133220	0.001	0.001	0.001	9.18E-04	2023
599580	4133220	0.001	0.001	0.001	9.97E-04	2023
599600	4133220	0.001	0.001	0.001	1.06E-03	2023
599620	4133220	0.001	0.001	0.001	1.09E-03	2023
599140	4133240	0.000	0.000	0.000	4.03E-05	2023
599160	4133240	0.000	0.000	0.000	4.25E-05	2023
599180	4133240	0.000	0.000	0.000	4.52E-05	2023
599200	4133240	0.000	0.000	0.000	4.86E-05	2023
599220	4133240	0.000	0.000	0.000	5.26E-05	2023
599240	4133240	0.000	0.000	0.000	5.79E-05	2023
599260	4133240	0.000	0.000	0.000	6.46E-05	2023
599280	4133240	0.000	0.000	0.000	7.28E-05	2023
599300	4133240	0.000	0.000	0.000	8.34E-05	2023
599320	4133240	0.000	0.000	0.000	9.67E-05	2023
599340	4133240	0.000	0.000	0.000	1.14E-04	2023
599360	4133240	0.000	0.000	0.000	1.38E-04	2023
599380	4133240	0.000	0.000	0.000	1.70E-04	2023
599400	4133240	0.000	0.000	0.000	2.14E-04	2023
599420	4133240	0.000	0.000	0.000	2.78E-04	2023
599440	4133240	0.000	0.000	0.000	3.65E-04	2023
599460	4133240	0.000	0.000	0.000	4.79E-04	2023
599480	4133240	0.000	0.001	0.001	6.18E-04	2023
599500	4133240	0.001	0.001	0.001	7.68E-04	2023
599520	4133240	0.001	0.001	0.001	9.24E-04	2023
599540	4133240	0.001	0.001	0.001	1.06E-03	2023
599560	4133240	0.001	0.001	0.001	1.17E-03	2023
599580	4133240	0.001	0.001	0.001	1.25E-03	2023
599600	4133240	0.001	0.001	0.001	1.29E-03	2023
599620	4133240	0.001	0.001	0.001	1.30E-03	2023
599640	4133240	0.001	0.001	0.001	1.28E-03	2023
599120	4133260	0.000	0.000	0.000	4.35E-05	2023
599140	4133260	0.000	0.000	0.000	4.62E-05	2023
599160	4133260	0.000	0.000	0.000	4.90E-05	2023
599180	4133260	0.000	0.000	0.000	5.23E-05	2023
599200	4133260	0.000	0.000	0.000	5.62E-05	2023
599220	4133260	0.000	0.000	0.000	6.09E-05	2023
599240	4133260	0.000	0.000	0.000	6.69E-05	2023
599260	4133260	0.000	0.000	0.000	7.46E-05	2023
599280	4133260	0.000	0.000	0.000	8.44E-05	2023
599300	4133260	0.000	0.000	0.000	9.72E-05	2023
599320	4133260	0.000	0.000	0.000	1.14E-04	2023
599340	4133260	0.000	0.000	0.000	1.36E-04	2023
599360	4133260	0.000	0.000	0.000	1.66E-04	2023
599380	4133260	0.000	0.000	0.000	2.08E-04	2023
599400	4133260	0.000	0.000	0.000	2.70E-04	2023
599420	4133260	0.000	0.000	0.000	3.62E-04	2023
599440	4133260	0.000	0.000	0.000	4.88E-04	2023
599460	4133260	0.001	0.001	0.001	6.53E-04	2023
599480	4133260	0.001	0.001	0.001	8.46E-04	2023
599500	4133260	0.001	0.001	0.001	1.05E-03	2023
599520	4133260	0.001	0.001	0.001	1.24E-03	2023
599540	4133260	0.001	0.001	0.001	1.39E-03	2023
599560	4133260	0.001	0.001	0.001	1.50E-03	2023
599580	4133260	0.001	0.002	0.001	1.55E-03	2023
599600	4133260	0.001	0.002	0.001	1.56E-03	2023
599620	4133260	0.001	0.002	0.001	1.52E-03	2023
599640	4133260	0.001	0.001	0.001	1.46E-03	2023
599120	4133280	0.000	0.000	0.000	4.98E-05	2023
599140	4133280	0.000	0.000	0.000	5.32E-05	2023
599160	4133280	0.000	0.000	0.000	5.69E-05	2023
599180	4133280	0.000	0.000	0.000	6.12E-05	2023
599200	4133280	0.000	0.000	0.000	6.57E-05	2023
599220	4133280	0.000	0.000	0.000	7.16E-05	2023
599240	4133280	0.000	0.000	0.000	7.87E-05	2023
599260	4133280	0.000	0.000	0.000	8.73E-05	2023
599280	4133280	0.000	0.000	0.000	9.92E-05	2023
599300	4133280	0.000	0.000	0.000	1.15E-04	2023
599320	4133280	0.000	0.000	0.000	1.36E-04	2023
599340	4133280	0.000	0.000	0.000	1.64E-04	2023
599360	4133280	0.000	0.000	0.000	2.04E-04	2023
599380	4133280	0.000	0.000	0.000	2.62E-04	2023
599400	4133280	0.000	0.000	0.000	3.51E-04	2023
599420	4133280	0.000	0.000	0.000	4.87E-04	2023

599440	4133280	0.001	0.001	0.001	6.78E-04	2023
599460	4133280	0.001	0.001	0.001	9.21E-04	2023
599480	4133280	0.001	0.001	0.001	1.19E-03	2023
599500	4133280	0.001	0.001	0.001	1.45E-03	2023
599520	4133280	0.001	0.002	0.001	1.67E-03	2023
599540	4133280	0.001	0.002	0.002	1.82E-03	2023
599560	4133280	0.002	0.002	0.002	1.90E-03	2023
599580	4133280	0.002	0.002	0.002	1.91E-03	2023
599600	4133280	0.001	0.002	0.002	1.85E-03	2023
599620	4133280	0.001	0.002	0.002	1.76E-03	2023
599640	4133280	0.001	0.002	0.001	1.64E-03	2023
599660	4133280	0.001	0.002	0.001	1.52E-03	2023
599100	4133300	0.000	0.000	0.000	5.33E-05	2023
599120	4133300	0.000	0.000	0.000	5.70E-05	2023
599140	4133300	0.000	0.000	0.000	6.13E-05	2023
599160	4133300	0.000	0.000	0.000	6.64E-05	2023
599180	4133300	0.000	0.000	0.000	7.18E-05	2023
599200	4133300	0.000	0.000	0.000	7.81E-05	2023
599220	4133300	0.000	0.000	0.000	8.52E-05	2023
599240	4133300	0.000	0.000	0.000	9.38E-05	2023
599260	4133300	0.000	0.000	0.000	1.05E-04	2023
599280	4133300	0.000	0.000	0.000	1.19E-04	2023
599300	4133300	0.000	0.000	0.000	1.38E-04	2023
599320	4133300	0.000	0.000	0.000	1.65E-04	2023
599340	4133300	0.000	0.000	0.000	2.03E-04	2023
599360	4133300	0.000	0.000	0.000	2.56E-04	2023
599380	4133300	0.000	0.000	0.000	3.40E-04	2023
599400	4133300	0.000	0.000	0.000	4.74E-04	2023
599420	4133300	0.001	0.001	0.001	6.85E-04	2023
599440	4133300	0.001	0.001	0.001	9.85E-04	2023
599460	4133300	0.001	0.001	0.001	1.35E-03	2023
599480	4133300	0.001	0.002	0.002	1.73E-03	2023
599500	4133300	0.002	0.002	0.002	2.05E-03	2023
599520	4133300	0.002	0.002	0.002	2.27E-03	2023
599540	4133300	0.002	0.002	0.002	2.38E-03	2023
599560	4133300	0.002	0.002	0.002	2.38E-03	2023
599580	4133300	0.002	0.002	0.002	2.28E-03	2023
599600	4133300	0.002	0.002	0.002	2.14E-03	2023
599620	4133300	0.002	0.002	0.002	1.97E-03	2023
599640	4133300	0.001	0.002	0.002	1.79E-03	2023
599660	4133300	0.001	0.002	0.001	1.61E-03	2023
599680	4133300	0.001	0.001	0.001	1.44E-03	2023
599100	4133320	0.000	0.000	0.000	6.08E-05	2023
599120	4133320	0.000	0.000	0.000	6.56E-05	2023
599140	4133320	0.000	0.000	0.000	7.11E-05	2023
599160	4133320	0.000	0.000	0.000	7.75E-05	2023
599180	4133320	0.000	0.000	0.000	8.50E-05	2023
599200	4133320	0.000	0.000	0.000	9.33E-05	2023
599220	4133320	0.000	0.000	0.000	1.03E-04	2023
599240	4133320	0.000	0.000	0.000	1.14E-04	2023
599260	4133320	0.000	0.000	0.000	1.28E-04	2023
599280	4133320	0.000	0.000	0.000	1.46E-04	2023
599300	4133320	0.000	0.000	0.000	1.71E-04	2023
599340	4133320	0.000	0.000	0.000	2.56E-04	2023
599360	4133320	0.000	0.000	0.000	3.33E-04	2023
599380	4133320	0.000	0.000	0.000	4.58E-04	2023
599400	4133320	0.001	0.001	0.001	6.75E-04	2023
599420	4133320	0.001	0.001	0.001	1.02E-03	2023
599440	4133320	0.001	0.002	0.001	1.52E-03	2023
599460	4133320	0.002	0.002	0.002	2.07E-03	2023
599480	4133320	0.002	0.003	0.002	2.58E-03	2023
599500	4133320	0.002	0.003	0.003	2.92E-03	2023
599520	4133320	0.002	0.003	0.003	3.08E-03	2023
599540	4133320	0.002	0.003	0.003	3.06E-03	2023
599560	4133320	0.002	0.003	0.003	2.90E-03	2023
599580	4133320	0.002	0.003	0.002	2.66E-03	2023
599600	4133320	0.002	0.002	0.002	2.39E-03	2023
599620	4133320	0.002	0.002	0.002	2.12E-03	2023
599640	4133320	0.002	0.002	0.002	1.87E-03	2023
599660	4133320	0.001	0.002	0.001	1.64E-03	2023
599680	4133320	0.001	0.001	0.001	1.43E-03	2023
599080	4133340	0.000	0.000	0.000	6.39E-05	2023
599100	4133340	0.000	0.000	0.000	6.95E-05	2023
599120	4133340	0.000	0.000	0.000	7.59E-05	2023
599140	4133340	0.000	0.000	0.000	8.31E-05	2023
599160	4133340	0.000	0.000	0.000	9.12E-05	2023
599180	4133340	0.000	0.000	0.000	1.01E-04	2023
599200	4133340	0.000	0.000	0.000	1.13E-04	2023
599220	4133340	0.000	0.000	0.000	1.26E-04	2023
599240	4133340	0.000	0.000	0.000	1.41E-04	2023
599260	4133340	0.000	0.000	0.000	1.60E-04	2023
599280	4133340	0.000	0.000	0.000	1.84E-04	2023
599360	4133340	0.000	0.000	0.000	4.49E-04	2023
599420	4133340	0.001	0.002	0.001	1.66E-03	2023
599440	4133340	0.002	0.002	0.002	2.49E-03	2023
599460	4133340	0.003	0.003	0.003	3.30E-03	2023
599480	4133340	0.003	0.004	0.003	3.89E-03	2023
599500	4133340	0.003	0.004	0.004	4.13E-03	2023
599520	4133340	0.003	0.004	0.004	4.06E-03	2023
599540	4133340	0.003	0.004	0.003	3.78E-03	2023
599560	4133340	0.003	0.003	0.003	3.37E-03	2023
599580	4133340	0.002	0.003	0.003	2.95E-03	2023
599600	4133340	0.002	0.003	0.002	2.54E-03	2023
599620	4133340	0.002	0.002	0.002	2.18E-03	2023
599640	4133340	0.002	0.002	0.002	1.86E-03	2023
599660	4133340	0.001	0.002	0.001	1.59E-03	2023

599680	4133340	0.001	0.001	0.001	1.36E-03	2023
599080	4133360	0.000	0.000	0.000	7.24E-05	2023
599100	4133360	0.000	0.000	0.000	7.96E-05	2023
599120	4133360	0.000	0.000	0.000	8.77E-05	2023
599140	4133360	0.000	0.000	0.000	9.72E-05	2023
599160	4133360	0.000	0.000	0.000	1.08E-04	2023
599180	4133360	0.000	0.000	0.000	1.22E-04	2023
599200	4133360	0.000	0.000	0.000	1.38E-04	2023
599220	4133360	0.000	0.000	0.000	1.56E-04	2023
599240	4133360	0.000	0.000	0.000	1.78E-04	2023
599420	4133360	0.002	0.003	0.003	2.96E-03	2023
599440	4133360	0.004	0.004	0.004	4.36E-03	2023
599460	4133360	0.004	0.005	0.005	5.42E-03	2023
599480	4133360	0.005	0.006	0.005	5.82E-03	2023
599500	4133360	0.005	0.006	0.005	5.62E-03	2023
599520	4133360	0.004	0.005	0.004	5.08E-03	2023
599540	4133360	0.004	0.004	0.004	4.36E-03	2023
599560	4133360	0.003	0.004	0.003	3.67E-03	2023
599580	4133360	0.002	0.003	0.003	3.06E-03	2023
599600	4133360	0.002	0.003	0.002	2.53E-03	2023
599620	4133360	0.002	0.002	0.002	2.10E-03	2023
599640	4133360	0.001	0.002	0.002	1.75E-03	2023
599660	4133360	0.001	0.001	0.001	1.47E-03	2023
599680	4133360	0.001	0.001	0.001	1.24E-03	2023
599700	4133360	0.001	0.001	0.001	1.05E-03	2023
599080	4133380	0.000	0.000	0.000	8.24E-05	2023
599100	4133380	0.000	0.000	0.000	9.12E-05	2023
599120	4133380	0.000	0.000	0.000	1.02E-04	2023
599140	4133380	0.000	0.000	0.000	1.14E-04	2023
599160	4133380	0.000	0.000	0.000	1.29E-04	2023
599180	4133380	0.000	0.000	0.000	1.47E-04	2023
599200	4133380	0.000	0.000	0.000	1.68E-04	2023
599220	4133380	0.000	0.000	0.000	1.93E-04	2023
599440	4133380	0.006	0.008	0.007	8.01E-03	2023
599460	4133380	0.007	0.009	0.008	8.77E-03	2023
599480	4133380	0.007	0.008	0.007	8.25E-03	2023
599500	4133380	0.006	0.007	0.006	7.10E-03	2023
599520	4133380	0.005	0.006	0.005	5.79E-03	2023
599540	4133380	0.004	0.005	0.004	4.61E-03	2023
599560	4133380	0.003	0.004	0.003	3.66E-03	2023
599580	4133380	0.002	0.003	0.003	2.91E-03	2023
599600	4133380	0.002	0.002	0.002	2.33E-03	2023
599620	4133380	0.002	0.002	0.002	1.90E-03	2023
599640	4133380	0.001	0.002	0.001	1.55E-03	2023
599660	4133380	0.001	0.001	0.001	1.28E-03	2023
599680	4133380	0.001	0.001	0.001	1.07E-03	2023
599700	4133380	0.001	0.001	0.001	9.08E-04	2023
599060	4133400	0.000	0.000	0.000	8.49E-05	2023
599080	4133400	0.000	0.000	0.000	9.43E-05	2023
599100	4133400	0.000	0.000	0.000	1.05E-04	2023
599120	4133400	0.000	0.000	0.000	1.18E-04	2023
599140	4133400	0.000	0.000	0.000	1.34E-04	2023
599160	4133400	0.000	0.000	0.000	1.54E-04	2023
599180	4133400	0.000	0.000	0.000	1.77E-04	2023
599200	4133400	0.000	0.000	0.000	2.06E-04	2023
599220	4133400	0.000	0.000	0.000	2.41E-04	2023
599480	4133400	0.008	0.010	0.009	1.03E-02	2023
599500	4133400	0.006	0.008	0.007	7.79E-03	2023
599520	4133400	0.005	0.006	0.005	5.76E-03	2023
599540	4133400	0.003	0.004	0.004	4.29E-03	2023
599560	4133400	0.003	0.003	0.003	3.25E-03	2023
599580	4133400	0.002	0.003	0.002	2.51E-03	2023
599600	4133400	0.002	0.002	0.002	1.98E-03	2023
599620	4133400	0.001	0.002	0.001	1.59E-03	2023
599640	4133400	0.001	0.001	0.001	1.29E-03	2023
599660	4133400	0.001	0.001	0.001	1.06E-03	2023
599680	4133400	0.001	0.001	0.001	8.88E-04	2023
599700	4133400	0.001	0.001	0.001	7.54E-04	2023
599060	4133420	0.000	0.000	0.000	9.68E-05	2023
599080	4133420	0.000	0.000	0.000	1.08E-04	2023
599100	4133420	0.000	0.000	0.000	1.22E-04	2023
599120	4133420	0.000	0.000	0.000	1.39E-04	2023
599140	4133420	0.000	0.000	0.000	1.60E-04	2023
599160	4133420	0.000	0.000	0.000	1.85E-04	2023
599180	4133420	0.000	0.000	0.000	2.17E-04	2023
599200	4133420	0.000	0.000	0.000	2.58E-04	2023
599220	4133420	0.000	0.000	0.000	3.12E-04	2023
599240	4133420	0.000	0.000	0.000	3.86E-04	2023
599500	4133420	0.006	0.007	0.006	6.94E-03	2023
599520	4133420	0.004	0.005	0.004	4.79E-03	2023
599540	4133420	0.003	0.003	0.003	3.44E-03	2023
599560	4133420	0.002	0.003	0.002	2.56E-03	2023
599580	4133420	0.002	0.002	0.002	1.96E-03	2023
599600	4133420	0.001	0.002	0.001	1.55E-03	2023
599620	4133420	0.001	0.001	0.001	1.24E-03	2023
599640	4133420	0.001	0.001	0.001	1.02E-03	2023
599660	4133420	0.001	0.001	0.001	8.44E-04	2023
599680	4133420	0.001	0.001	0.001	7.14E-04	2023
599700	4133420	0.000	0.001	0.001	6.12E-04	2023
599060	4133440	0.000	0.000	0.000	1.12E-04	2023
599080	4133440	0.000	0.000	0.000	1.26E-04	2023
599100	4133440	0.000	0.000	0.000	1.44E-04	2023
599120	4133440	0.000	0.000	0.000	1.66E-04	2023
599140	4133440	0.000	0.000	0.000	1.93E-04	2023
599160	4133440	0.000	0.000	0.000	2.26E-04	2023
599180	4133440	0.000	0.000	0.000	2.70E-04	2023

599200	4133440	0.000	0.000	0.000	3.28E-04	2023
599220	4133440	0.000	0.000	0.000	4.08E-04	2023
599240	4133440	0.000	0.001	0.000	5.25E-04	2023
599260	4133440	0.001	0.001	0.001	6.93E-04	2023
599280	4133440	0.001	0.001	0.001	9.54E-04	2023
599480	4133440	0.006	0.007	0.007	7.47E-03	2023
599500	4133440	0.004	0.005	0.004	4.80E-03	2023
599520	4133440	0.003	0.003	0.003	3.30E-03	2023
599540	4133440	0.002	0.002	0.002	2.40E-03	2023
599560	4133440	0.001	0.002	0.002	1.82E-03	2023
599580	4133440	0.001	0.001	0.001	1.43E-03	2023
599600	4133440	0.001	0.001	0.001	1.14E-03	2023
599620	4133440	0.001	0.001	0.001	9.34E-04	2023
599640	4133440	0.001	0.001	0.001	7.76E-04	2023
599660	4133440	0.001	0.001	0.001	6.58E-04	2023
599680	4133440	0.000	0.001	0.000	5.64E-04	2023
599700	4133440	0.000	0.000	0.000	4.90E-04	2023
599060	4133460	0.000	0.000	0.000	1.30E-04	2023
599080	4133460	0.000	0.000	0.000	1.48E-04	2023
599100	4133460	0.000	0.000	0.000	1.71E-04	2023
599120	4133460	0.000	0.000	0.000	2.00E-04	2023
599140	4133460	0.000	0.000	0.000	2.36E-04	2023
599160	4133460	0.000	0.000	0.000	2.82E-04	2023
599180	4133460	0.000	0.000	0.000	3.43E-04	2023
599200	4133460	0.000	0.000	0.000	4.28E-04	2023
599220	4133460	0.000	0.001	0.000	5.51E-04	2023
599240	4133460	0.001	0.001	0.001	7.33E-04	2023
599260	4133460	0.001	0.001	0.001	1.01E-03	2023
599480	4133460	0.003	0.004	0.004	4.03E-03	2023
599500	4133460	0.002	0.003	0.002	2.80E-03	2023
599520	4133460	0.002	0.002	0.002	2.05E-03	2023
599540	4133460	0.001	0.002	0.001	1.59E-03	2023
599560	4133460	0.001	0.001	0.001	1.25E-03	2023
599580	4133460	0.001	0.001	0.001	1.01E-03	2023
599600	4133460	0.001	0.001	0.001	8.31E-04	2023
599620	4133460	0.001	0.001	0.001	6.97E-04	2023
599640	4133460	0.000	0.001	0.001	5.93E-04	2023
599660	4133460	0.000	0.001	0.000	5.13E-04	2023
599680	4133460	0.000	0.000	0.000	4.48E-04	2023
599700	4133460	0.000	0.000	0.000	3.94E-04	2023
599060	4133480	0.000	0.000	0.000	1.53E-04	2023
599080	4133480	0.000	0.000	0.000	1.76E-04	2023
599100	4133480	0.000	0.000	0.000	2.05E-04	2023
599120	4133480	0.000	0.000	0.000	2.43E-04	2023
599140	4133480	0.000	0.000	0.000	2.91E-04	2023
599160	4133480	0.000	0.000	0.000	3.54E-04	2023
599180	4133480	0.000	0.000	0.000	4.39E-04	2023
599200	4133480	0.000	0.001	0.000	5.61E-04	2023
599220	4133480	0.001	0.001	0.001	7.40E-04	2023
599240	4133480	0.001	0.001	0.001	1.01E-03	2023
599360	4133480	0.011	0.013	0.012	1.31E-02	2023
599380	4133480	0.011	0.014	0.012	1.40E-02	2023
599500	4133480	0.001	0.002	0.001	1.67E-03	2023
599520	4133480	0.001	0.001	0.001	1.32E-03	2023
599540	4133480	0.001	0.001	0.001	1.08E-03	2023
599560	4133480	0.001	0.001	0.001	8.80E-04	2023
599580	4133480	0.001	0.001	0.001	7.35E-04	2023
599600	4133480	0.001	0.001	0.001	6.24E-04	2023
599620	4133480	0.000	0.001	0.000	5.35E-04	2023
599640	4133480	0.000	0.000	0.000	4.66E-04	2023
599660	4133480	0.000	0.000	0.000	4.10E-04	2023
599680	4133480	0.000	0.000	0.000	3.63E-04	2023
599700	4133480	0.000	0.000	0.000	3.23E-04	2023
599060	4133500	0.000	0.000	0.000	1.80E-04	2023
599080	4133500	0.000	0.000	0.000	2.09E-04	2023
599100	4133500	0.000	0.000	0.000	2.47E-04	2023
599120	4133500	0.000	0.000	0.000	2.95E-04	2023
599140	4133500	0.000	0.000	0.000	3.57E-04	2023
599160	4133500	0.000	0.000	0.000	4.41E-04	2023
599180	4133500	0.000	0.001	0.000	5.54E-04	2023
599200	4133500	0.001	0.001	0.001	7.12E-04	2023
599220	4133500	0.001	0.001	0.001	9.39E-04	2023
599240	4133500	0.001	0.001	0.001	1.27E-03	2023
599520	4133500	0.001	0.001	0.001	9.43E-04	2023
599540	4133500	0.001	0.001	0.001	7.89E-04	2023
599560	4133500	0.001	0.001	0.001	6.67E-04	2023
599580	4133500	0.000	0.001	0.001	5.70E-04	2023
599600	4133500	0.000	0.000	0.000	4.93E-04	2023
599620	4133500	0.000	0.000	0.000	4.30E-04	2023
599640	4133500	0.000	0.000	0.000	3.81E-04	2023
599660	4133500	0.000	0.000	0.000	3.39E-04	2023
599680	4133500	0.000	0.000	0.000	3.03E-04	2023
599700	4133500	0.000	0.000	0.000	2.72E-04	2023
599080	4133520	0.000	0.000	0.000	2.47E-04	2023
599100	4133520	0.000	0.000	0.000	2.93E-04	2023
599120	4133520	0.000	0.000	0.000	3.51E-04	2023
599140	4133520	0.000	0.000	0.000	4.27E-04	2023
599160	4133520	0.000	0.001	0.000	5.27E-04	2023
599180	4133520	0.001	0.001	0.001	6.61E-04	2023
599200	4133520	0.001	0.001	0.001	8.41E-04	2023
599220	4133520	0.001	0.001	0.001	1.09E-03	2023
599240	4133520	0.001	0.001	0.001	1.42E-03	2023
599260	4133520	0.002	0.002	0.002	1.87E-03	2023
599540	4133520	0.000	0.001	0.001	6.20E-04	2023
599560	4133520	0.000	0.001	0.000	5.36E-04	2023
599580	4133520	0.000	0.000	0.000	4.65E-04	2023

599600	4133520	0.000	0.000	0.000	4.08E-04	2023
599620	4133520	0.000	0.000	0.000	3.61E-04	2023
599640	4133520	0.000	0.000	0.000	3.23E-04	2023
599660	4133520	0.000	0.000	0.000	2.90E-04	2023
599680	4133520	0.000	0.000	0.000	2.62E-04	2023
599700	4133520	0.000	0.000	0.000	2.36E-04	2023
599080	4133540	0.000	0.000	0.000	2.86E-04	2023
599100	4133540	0.000	0.000	0.000	3.39E-04	2023
599120	4133540	0.000	0.000	0.000	4.05E-04	2023
599140	4133540	0.000	0.000	0.000	4.90E-04	2023
599160	4133540	0.000	0.001	0.001	5.98E-04	2023
599180	4133540	0.001	0.001	0.001	7.37E-04	2023
599200	4133540	0.001	0.001	0.001	9.14E-04	2023
599220	4133540	0.001	0.001	0.001	1.14E-03	2023
599240	4133540	0.001	0.001	0.001	1.41E-03	2023
599260	4133540	0.001	0.002	0.002	1.73E-03	2023
599280	4133540	0.002	0.002	0.002	2.09E-03	2023
599300	4133540	0.002	0.002	0.002	2.42E-03	2023
599320	4133540	0.002	0.003	0.002	2.66E-03	2023
599340	4133540	0.002	0.003	0.002	2.76E-03	2023
599520	4133540	0.000	0.001	0.001	5.80E-04	2023
599540	4133540	0.000	0.001	0.000	5.05E-04	2023
599560	4133540	0.000	0.000	0.000	4.44E-04	2023
599580	4133540	0.000	0.000	0.000	3.92E-04	2023
599600	4133540	0.000	0.000	0.000	3.49E-04	2023
599620	4133540	0.000	0.000	0.000	3.11E-04	2023
599640	4133540	0.000	0.000	0.000	2.80E-04	2023
599660	4133540	0.000	0.000	0.000	2.52E-04	2023
599680	4133540	0.000	0.000	0.000	2.30E-04	2023
599700	4133540	0.000	0.000	0.000	2.10E-04	2023
599080	4133560	0.000	0.000	0.000	3.22E-04	2023
599100	4133560	0.000	0.000	0.000	3.79E-04	2023
599120	4133560	0.000	0.000	0.000	4.49E-04	2023
599140	4133560	0.000	0.001	0.000	5.35E-04	2023
599160	4133560	0.001	0.001	0.001	6.40E-04	2023
599180	4133560	0.001	0.001	0.001	7.68E-04	2023
599200	4133560	0.001	0.001	0.001	9.20E-04	2023
599220	4133560	0.001	0.001	0.001	1.10E-03	2023
599240	4133560	0.001	0.001	0.001	1.29E-03	2023
599260	4133560	0.001	0.001	0.001	1.49E-03	2023
599280	4133560	0.001	0.002	0.001	1.67E-03	2023
599300	4133560	0.001	0.002	0.002	1.81E-03	2023
599320	4133560	0.002	0.002	0.002	1.88E-03	2023
599340	4133560	0.002	0.002	0.002	1.86E-03	2023
599360	4133560	0.001	0.002	0.002	1.78E-03	2023
599380	4133560	0.001	0.002	0.001	1.57E-03	2023
599500	4133560	0.000	0.001	0.000	5.33E-04	2023
599520	4133560	0.000	0.000	0.000	4.69E-04	2023
599540	4133560	0.000	0.000	0.000	4.17E-04	2023
599560	4133560	0.000	0.000	0.000	3.74E-04	2023
599580	4133560	0.000	0.000	0.000	3.37E-04	2023
599600	4133560	0.000	0.000	0.000	3.02E-04	2023
599620	4133560	0.000	0.000	0.000	2.72E-04	2023
599640	4133560	0.000	0.000	0.000	2.47E-04	2023
599660	4133560	0.000	0.000	0.000	2.24E-04	2023
599680	4133560	0.000	0.000	0.000	2.05E-04	2023
599700	4133560	0.000	0.000	0.000	1.88E-04	2023
599080	4133580	0.000	0.000	0.000	3.50E-04	2023
599100	4133580	0.000	0.000	0.000	4.07E-04	2023
599120	4133580	0.000	0.000	0.000	4.75E-04	2023
599140	4133580	0.000	0.001	0.000	5.55E-04	2023
599160	4133580	0.001	0.001	0.001	6.48E-04	2023
599180	4133580	0.001	0.001	0.001	7.54E-04	2023
599200	4133580	0.001	0.001	0.001	8.71E-04	2023
599220	4133580	0.001	0.001	0.001	9.94E-04	2023
599240	4133580	0.001	0.001	0.001	1.12E-03	2023
599260	4133580	0.001	0.001	0.001	1.22E-03	2023
599280	4133580	0.001	0.001	0.001	1.31E-03	2023
599300	4133580	0.001	0.001	0.001	1.36E-03	2023
599320	4133580	0.001	0.001	0.001	1.37E-03	2023
599340	4133580	0.001	0.001	0.001	1.33E-03	2023
599360	4133580	0.001	0.001	0.001	1.26E-03	2023
599500	4133580	0.000	0.000	0.000	4.29E-04	2023
599520	4133580	0.000	0.000	0.000	3.88E-04	2023
599540	4133580	0.000	0.000	0.000	3.50E-04	2023
599560	4133580	0.000	0.000	0.000	3.19E-04	2023
599580	4133580	0.000	0.000	0.000	2.92E-04	2023
599600	4133580	0.000	0.000	0.000	2.63E-04	2023
599620	4133580	0.000	0.000	0.000	2.40E-04	2023
599640	4133580	0.000	0.000	0.000	2.19E-04	2023
599660	4133580	0.000	0.000	0.000	2.01E-04	2023
599680	4133580	0.000	0.000	0.000	1.85E-04	2023
599100	4133600	0.000	0.000	0.000	4.21E-04	2023
599120	4133600	0.000	0.000	0.000	4.82E-04	2023
599140	4133600	0.000	0.001	0.000	5.50E-04	2023
599160	4133600	0.001	0.001	0.001	6.26E-04	2023
599180	4133600	0.001	0.001	0.001	7.07E-04	2023
599200	4133600	0.001	0.001	0.001	7.89E-04	2023
599220	4133600	0.001	0.001	0.001	8.68E-04	2023
599240	4133600	0.001	0.001	0.001	9.38E-04	2023
599260	4133600	0.001	0.001	0.001	9.91E-04	2023
599280	4133600	0.001	0.001	0.001	1.02E-03	2023
599300	4133600	0.001	0.001	0.001	1.04E-03	2023
599320	4133600	0.001	0.001	0.001	1.03E-03	2023
599340	4133600	0.001	0.001	0.001	1.00E-03	2023
599360	4133600	0.001	0.001	0.001	9.41E-04	2023

599480	4133600	0.000	0.000	0.000	3.82E-04	2023
599500	4133600	0.000	0.000	0.000	3.49E-04	2023
599520	4133600	0.000	0.000	0.000	3.19E-04	2023
599540	4133600	0.000	0.000	0.000	2.91E-04	2023
599560	4133600	0.000	0.000	0.000	2.72E-04	2023
599580	4133600	0.000	0.000	0.000	2.53E-04	2023
599600	4133600	0.000	0.000	0.000	2.29E-04	2023
599620	4133600	0.000	0.000	0.000	2.12E-04	2023
599640	4133600	0.000	0.000	0.000	1.96E-04	2023
599660	4133600	0.000	0.000	0.000	1.80E-04	2023
599680	4133600	0.000	0.000	0.000	1.67E-04	2023
599100	4133620	0.000	0.000	0.000	4.20E-04	2023
599120	4133620	0.000	0.000	0.000	4.72E-04	2023
599140	4133620	0.000	0.001	0.000	5.27E-04	2023
599160	4133620	0.000	0.001	0.001	5.85E-04	2023
599180	4133620	0.001	0.001	0.001	6.42E-04	2023
599200	4133620	0.001	0.001	0.001	6.95E-04	2023
599220	4133620	0.001	0.001	0.001	7.42E-04	2023
599240	4133620	0.001	0.001	0.001	7.78E-04	2023
599260	4133620	0.001	0.001	0.001	8.02E-04	2023
599280	4133620	0.001	0.001	0.001	8.11E-04	2023
599300	4133620	0.001	0.001	0.001	8.10E-04	2023
599320	4133620	0.001	0.001	0.001	8.00E-04	2023
599340	4133620	0.001	0.001	0.001	7.75E-04	2023
599460	4133620	0.000	0.000	0.000	3.50E-04	2023
599480	4133620	0.000	0.000	0.000	3.15E-04	2023
599500	4133620	0.000	0.000	0.000	2.87E-04	2023
599520	4133620	0.000	0.000	0.000	2.64E-04	2023
599540	4133620	0.000	0.000	0.000	2.47E-04	2023
599560	4133620	0.000	0.000	0.000	2.31E-04	2023
599580	4133620	0.000	0.000	0.000	2.16E-04	2023
599600	4133620	0.000	0.000	0.000	2.01E-04	2023
599620	4133620	0.000	0.000	0.000	1.88E-04	2023
599640	4133620	0.000	0.000	0.000	1.75E-04	2023
599660	4133620	0.000	0.000	0.000	1.63E-04	2023
599120	4133640	0.000	0.000	0.000	4.49E-04	2023
599140	4133640	0.000	0.000	0.000	4.91E-04	2023
599160	4133640	0.000	0.001	0.000	5.32E-04	2023
599180	4133640	0.000	0.001	0.001	5.70E-04	2023
599200	4133640	0.000	0.001	0.001	6.03E-04	2023
599220	4133640	0.001	0.001	0.001	6.29E-04	2023
599240	4133640	0.001	0.001	0.001	6.46E-04	2023
599260	4133640	0.001	0.001	0.001	6.54E-04	2023
599280	4133640	0.001	0.001	0.001	6.54E-04	2023
599300	4133640	0.001	0.001	0.001	6.49E-04	2023
599320	4133640	0.001	0.001	0.001	6.38E-04	2023
599340	4133640	0.000	0.001	0.001	6.16E-04	2023
599360	4133640	0.000	0.001	0.001	5.80E-04	2023
599460	4133640	0.000	0.000	0.000	2.95E-04	2023
599480	4133640	0.000	0.000	0.000	2.65E-04	2023
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599560	4133640	0.000	0.000	0.000	2.00E-04	2023
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599160	4133660	0.000	0.000	0.000	4.77E-04	2023
599180	4133660	0.000	0.001	0.000	5.01E-04	2023
599200	4133660	0.000	0.001	0.000	5.19E-04	2023
599220	4133660	0.000	0.001	0.000	5.32E-04	2023
599240	4133660	0.000	0.001	0.000	5.39E-04	2023
599260	4133660	0.000	0.001	0.000	5.40E-04	2023
599280	4133660	0.000	0.001	0.000	5.37E-04	2023
599300	4133660	0.000	0.001	0.000	5.31E-04	2023
599320	4133660	0.000	0.001	0.000	5.20E-04	2023
599340	4133660	0.000	0.001	0.000	5.02E-04	2023
599360	4133660	0.000	0.000	0.000	4.71E-04	2023
599380	4133660	0.000	0.000	0.000	4.30E-04	2023
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599280	4133680	0.000	0.000	0.000	4.48E-04	2023
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599360	4133680	0.000	0.000	0.000	3.91E-04	2023
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599400	4133680	0.000	0.000	0.000	3.20E-04	2023
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599580	4133680	0.000	0.000	0.000	1.45E-04	2023
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599440	4133700	0.000	0.000	0.000	2.14E-04	2023
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599480	4133700	0.000	0.000	0.000	1.73E-04	2023
599500	4133700	0.000	0.000	0.000	1.59E-04	2023
599520	4133700	0.000	0.000	0.000	1.49E-04	2023
599540	4133700	0.000	0.000	0.000	1.41E-04	2023
599560	4133700	0.000	0.000	0.000	1.35E-04	2023
599580	4133700	0.000	0.000	0.000	1.29E-04	2023
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599200	4133720	0.000	0.000	0.000	3.33E-04	2023
599220	4133720	0.000	0.000	0.000	3.33E-04	2023
599240	4133720	0.000	0.000	0.000	3.31E-04	2023
599260	4133720	0.000	0.000	0.000	3.28E-04	2023
599280	4133720	0.000	0.000	0.000	3.24E-04	2023
599300	4133720	0.000	0.000	0.000	3.19E-04	2023
599320	4133720	0.000	0.000	0.000	3.12E-04	2023
599340	4133720	0.000	0.000	0.000	3.00E-04	2023
599360	4133720	0.000	0.000	0.000	2.82E-04	2023
599380	4133720	0.000	0.000	0.000	2.61E-04	2023
599400	4133720	0.000	0.000	0.000	2.37E-04	2023
599420	4133720	0.000	0.000	0.000	2.12E-04	2023
599440	4133720	0.000	0.000	0.000	1.89E-04	2023
599460	4133720	0.000	0.000	0.000	1.69E-04	2023
599480	4133720	0.000	0.000	0.000	1.53E-04	2023
599500	4133720	0.000	0.000	0.000	1.41E-04	2023
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599580	4133720	0.000	0.000	0.000	1.14E-04	2023
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599280	4133740	0.000	0.000	0.000	2.81E-04	2023
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599500	4133740	0.000	0.000	0.000	1.26E-04	2023
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599540	4133740	0.000	0.000	0.000	1.12E-04	2023
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599280	4133760	0.000	0.000	0.000	2.46E-04	2023
599300	4133760	0.000	0.000	0.000	2.42E-04	2023
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599360	4133760	0.000	0.000	0.000	2.13E-04	2023
599380	4133760	0.000	0.000	0.000	1.99E-04	2023
599400	4133760	0.000	0.000	0.000	1.82E-04	2023
599420	4133760	0.000	0.000	0.000	1.65E-04	2023
599440	4133760	0.000	0.000	0.000	1.49E-04	2023
599460	4133760	0.000	0.000	0.000	1.35E-04	2023
599480	4133760	0.000	0.000	0.000	1.23E-04	2023
599500	4133760	0.000	0.000	0.000	1.14E-04	2023
599340	4133780	0.000	0.000	0.000	1.99E-04	2023
599360	4133780	0.000	0.000	0.000	1.88E-04	2023
599380	4133780	0.000	0.000	0.000	1.76E-04	2023
599400	4133780	0.000	0.000	0.000	1.62E-04	2023
599420	4133780	0.000	0.000	0.000	1.47E-04	2023
599440	4133780	0.000	0.000	0.000	1.34E-04	2023

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*  AERMOD (21112 ): C:\Model\San JoseFireSta tions\FS-8 _AERMOD\FS -8_AERM OD.isc                                  2/8/2022
*  AERMET ( 1808 1):                                                                                                23:00:09
*  MODELING OPTI ONS USED:  RegD FAULT  CONC ELEV  FL GPOL  URBA N  ADJ_ U*
*  PLOT          FILE OF PERIOD V ALUES AVERA GED ACROSS 0 YEARS FOR SO URCE GRO UP: CSTN
*  FOR A         TOTAL OF  731 RECEPTORS.
*  FORMA         T: (3(1X,F13.5), 3(1X,F8.2), 2X,A6,2X,A 8,2X,I8.8, 2X,A8)
*  X             Y     A          VERAGE CONC ZELEV       ZHILL       ZFLAG  AVE     GRP     NUM HRS  NET ID
*  ____________  ____________ _  ___________ ______  ______  ______ ______ ________ ________ ________
        599280        4133140      0.49555      25.98      25.98     1.5 PERIOD  CSTN              43824
        599300        4133140      0.55433      25.97      25.97     1.5 PERIOD  CSTN              43824
        599320        4133140      0.62314      25.97      25.97     1.5 PERIOD  CSTN              43824
        599340        4133140      0.70369      26.14      26.14     1.5 PERIOD  CSTN              43824
        599360        4133140      0.80372      26.04      26.04     1.5 PERIOD  CSTN              43824
        599380        4133140      0.92777      26.05      26.05     1.5 PERIOD  CSTN              43824
        599400        4133140      1.08648      26.02      26.02     1.5 PERIOD  CSTN              43824
        599420        4133140      1.29057      25.97      25.97     1.5 PERIOD  CSTN              43824
        599440        4133140      1.55031      25.97      25.97     1.5 PERIOD  CSTN              43824
        599460        4133140      1.87335      26.12      26.12     1.5 PERIOD  CSTN              43824
        599480        4133140      2.27011      26.25      26.25     1.5 PERIOD  CSTN              43824
        599240        4133160      0.44304      25.76      25.76     1.5 PERIOD  CSTN              43824
        599260        4133160      0.49066      25.86      25.86     1.5 PERIOD  CSTN              43824
        599280        4133160      0.54778       25.9       25.9     1.5 PERIOD  CSTN              43824
        599300        4133160      0.61637      25.78      25.78     1.5 PERIOD  CSTN              43824
        599320        4133160      0.69632      25.87      25.87     1.5 PERIOD  CSTN              43824
        599340        4133160      0.79134      26.08      26.08     1.5 PERIOD  CSTN              43824
        599360        4133160      0.91061      26.05      26.05     1.5 PERIOD  CSTN              43824
        599380        4133160      1.06126      26.08      26.08     1.5 PERIOD  CSTN              43824
        599400        4133160      1.26015      25.86      25.86     1.5 PERIOD  CSTN              43824
        599420        4133160      1.51685      25.81      25.81     1.5 PERIOD  CSTN              43824
        599440        4133160      1.84424      25.95      25.95     1.5 PERIOD  CSTN              43824
        599460        4133160      2.25766      26.12      26.12     1.5 PERIOD  CSTN              43824
        599480        4133160      2.77273      26.12      26.12     1.5 PERIOD  CSTN              43824
        599500        4133160      3.37842      26.28      26.28     1.5 PERIOD  CSTN              43824
        599520        4133160      4.07855      26.22      26.22     1.5 PERIOD  CSTN              43824
        599540        4133160      4.83777      26.15      26.15     1.5 PERIOD  CSTN              43824
        599200        4133180      0.41092      25.48      25.48     1.5 PERIOD  CSTN              43824
        599220        4133180      0.44611      25.64      25.64     1.5 PERIOD  CSTN              43824
        599240        4133180      0.49083      25.57      25.57     1.5 PERIOD  CSTN              43824
        599260        4133180      0.54545      25.54      25.54     1.5 PERIOD  CSTN              43824
        599280        4133180       0.6116      25.51      25.51     1.5 PERIOD  CSTN              43824
        599300        4133180      0.69008      25.61      25.61     1.5 PERIOD  CSTN              43824
        599320        4133180      0.78364      25.79      25.79     1.5 PERIOD  CSTN              43824
        599340        4133180      0.89799      25.92      25.92     1.5 PERIOD  CSTN              43824
        599360        4133180        1.043      25.88      25.88     1.5 PERIOD  CSTN              43824
        599380        4133180      1.22917      25.91      25.91     1.5 PERIOD  CSTN              43824
        599400        4133180      1.47961      25.68      25.68     1.5 PERIOD  CSTN              43824
        599420        4133180       1.8048      25.77      25.77     1.5 PERIOD  CSTN              43824
        599440        4133180       2.2311      25.83      25.83     1.5 PERIOD  CSTN              43824
        599460        4133180      2.77278      25.97      25.97     1.5 PERIOD  CSTN              43824
        599480        4133180      3.43977      26.13      26.13     1.5 PERIOD  CSTN              43824
        599500        4133180      4.24089      26.05      26.05     1.5 PERIOD  CSTN              43824
        599520        4133180      5.13364      26.05      26.05     1.5 PERIOD  CSTN              43824
        599540        4133180      6.05705      26.27      26.27     1.5 PERIOD  CSTN              43824
        599560        4133180      6.98521      26.28      26.28     1.5 PERIOD  CSTN              43824
        599180        4133200      0.42756      25.38      25.38     1.5 PERIOD  CSTN              43824
        599200        4133200      0.45925      25.34      25.34     1.5 PERIOD  CSTN              43824
        599220        4133200      0.49784      25.54      25.54     1.5 PERIOD  CSTN              43824
        599240        4133200       0.5481      25.42      25.42     1.5 PERIOD  CSTN              43824
        599260        4133200      0.61077       25.3       25.3     1.5 PERIOD  CSTN              43824
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599280	4133200	0.6863	25.39	25.39	1.5	PERIOD	CSTN	43824
599300	4133200	0.77809	25.51	25.51	1.5	PERIOD	CSTN	43824
599320	4133200	0.88903	25.72	25.72	1.5	PERIOD	CSTN	43824
599340	4133200	1.02929	25.68	25.68	1.5	PERIOD	CSTN	43824
599360	4133200	1.20564	25.79	25.79	1.5	PERIOD	CSTN	43824
599380	4133200	1.44118	25.71	25.71	1.5	PERIOD	CSTN	43824
599400	4133200	1.76084	25.54	25.54	1.5	PERIOD	CSTN	43824
599420	4133200	2.17937	25.82	25.82	1.5	PERIOD	CSTN	43824
599440	4133200	2.74218	25.88	25.88	1.5	PERIOD	CSTN	43824
599460	4133200	3.47426	25.81	25.81	1.5	PERIOD	CSTN	43824
599480	4133200	4.36943	25.89	25.89	1.5	PERIOD	CSTN	43824
599500	4133200	5.419	25.9	25.9	1.5	PERIOD	CSTN	43824
599520	4133200	6.55434	26.03	26.03	1.5	PERIOD	CSTN	43824
599540	4133200	7.68696	26.34	26.34	1.5	PERIOD	CSTN	43824
599560	4133200	8.78121	26.36	26.36	1.5	PERIOD	CSTN	43824
599580	4133200	9.73891	26.34	26.34	1.5	PERIOD	CSTN	43824
599600	4133200	10.51561	26.21	26.21	1.5	PERIOD	CSTN	43824
599160	4133220	0.45507	25.22	25.22	1.5	PERIOD	CSTN	43824
599180	4133220	0.48295	25.34	25.34	1.5	PERIOD	CSTN	43824
599200	4133220	0.51821	25.28	25.28	1.5	PERIOD	CSTN	43824
599220	4133220	0.56152	25.39	25.39	1.5	PERIOD	CSTN	43824
599240	4133220	0.61786	25.3	25.3	1.5	PERIOD	CSTN	43824
599260	4133220	0.68968	25.14	25.14	1.5	PERIOD	CSTN	43824
599280	4133220	0.77748	25.22	25.22	1.5	PERIOD	CSTN	43824
599300	4133220	0.88444	25.48	25.48	1.5	PERIOD	CSTN	43824
599320	4133220	1.01952	25.54	25.54	1.5	PERIOD	CSTN	43824
599340	4133220	1.19032	25.56	25.56	1.5	PERIOD	CSTN	43824
599360	4133220	1.41123	25.63	25.63	1.5	PERIOD	CSTN	43824
599380	4133220	1.71593	25.4	25.4	1.5	PERIOD	CSTN	43824
599400	4133220	2.12393	25.59	25.59	1.5	PERIOD	CSTN	43824
599420	4133220	2.6883	25.71	25.71	1.5	PERIOD	CSTN	43824
599440	4133220	3.44744	25.85	25.85	1.5	PERIOD	CSTN	43824
599460	4133220	4.43704	25.9	25.9	1.5	PERIOD	CSTN	43824
599480	4133220	5.66736	25.78	25.78	1.5	PERIOD	CSTN	43824
599500	4133220	7.05221	25.89	25.89	1.5	PERIOD	CSTN	43824
599520	4133220	8.51878	25.93	25.93	1.5	PERIOD	CSTN	43824
599540	4133220	9.92106	26.08	26.08	1.5	PERIOD	CSTN	43824
599560	4133220	11.1907	25.98	25.98	1.5	PERIOD	CSTN	43824
599580	4133220	12.15818	26.23	26.23	1.5	PERIOD	CSTN	43824
599600	4133220	12.91021	25.89	25.89	1.5	PERIOD	CSTN	43824
599620	4133220	13.28825	26.06	26.06	1.5	PERIOD	CSTN	43824
599140	4133240	0.49149	24.91	24.91	1.5	PERIOD	CSTN	43824
599160	4133240	0.51858	25.22	25.22	1.5	PERIOD	CSTN	43824
599180	4133240	0.55107	25.33	25.33	1.5	PERIOD	CSTN	43824
599200	4133240	0.59224	25.1	25.1	1.5	PERIOD	CSTN	43824
599220	4133240	0.64122	25.19	25.19	1.5	PERIOD	CSTN	43824
599240	4133240	0.70562	25.05	25.05	1.5	PERIOD	CSTN	43824
599260	4133240	0.78734	24.99	24.99	1.5	PERIOD	CSTN	43824
599280	4133240	0.88832	25.22	25.22	1.5	PERIOD	CSTN	43824
599300	4133240	1.01732	25.35	25.35	1.5	PERIOD	CSTN	43824
599320	4133240	1.17957	25.53	25.53	1.5	PERIOD	CSTN	43824
599340	4133240	1.39239	25.48	25.48	1.5	PERIOD	CSTN	43824
599360	4133240	1.67881	25.3	25.3	1.5	PERIOD	CSTN	43824
599380	4133240	2.06735	25.39	25.39	1.5	PERIOD	CSTN	43824
599400	4133240	2.61104	25.64	25.64	1.5	PERIOD	CSTN	43824
599420	4133240	3.38977	25.66	25.66	1.5	PERIOD	CSTN	43824
599440	4133240	4.45347	25.74	25.74	1.5	PERIOD	CSTN	43824
599460	4133240	5.84029	25.79	25.79	1.5	PERIOD	CSTN	43824
599480	4133240	7.54111	25.67	25.67	1.5	PERIOD	CSTN	43824

599500	4133240	9.36044	25.99	25.99	1.5	PERIOD	CSTN	43824
599520	4133240	11.26127	25.79	25.79	1.5	PERIOD	CSTN	43824
599540	4133240	12.95197	25.76	25.76	1.5	PERIOD	CSTN	43824
599560	4133240	14.26417	25.99	25.99	1.5	PERIOD	CSTN	43824
599580	4133240	15.19811	26.03	26.03	1.5	PERIOD	CSTN	43824
599600	4133240	15.7455	25.82	25.82	1.5	PERIOD	CSTN	43824
599620	4133240	15.80236	26.22	26.22	1.5	PERIOD	CSTN	43824
599640	4133240	15.58132	26.3	26.3	1.5	PERIOD	CSTN	43824
599120	4133260	0.53028	24.93	24.93	1.5	PERIOD	CSTN	43824
599140	4133260	0.56282	24.83	24.83	1.5	PERIOD	CSTN	43824
599160	4133260	0.59808	24.87	24.87	1.5	PERIOD	CSTN	43824
599180	4133260	0.63782	24.94	24.94	1.5	PERIOD	CSTN	43824
599200	4133260	0.68572	24.85	24.85	1.5	PERIOD	CSTN	43824
599220	4133260	0.7431	24.88	24.88	1.5	PERIOD	CSTN	43824
599240	4133260	0.81637	24.85	24.85	1.5	PERIOD	CSTN	43824
599260	4133260	0.9097	24.93	24.93	1.5	PERIOD	CSTN	43824
599280	4133260	1.02977	25.08	25.08	1.5	PERIOD	CSTN	43824
599300	4133260	1.18549	25.2	25.2	1.5	PERIOD	CSTN	43824
599320	4133260	1.38579	25.36	25.36	1.5	PERIOD	CSTN	43824
599340	4133260	1.65336	25.34	25.34	1.5	PERIOD	CSTN	43824
599360	4133260	2.0237	25.18	25.18	1.5	PERIOD	CSTN	43824
599380	4133260	2.53516	25.46	25.46	1.5	PERIOD	CSTN	43824
599400	4133260	3.29805	25.47	25.47	1.5	PERIOD	CSTN	43824
599420	4133260	4.4119	25.42	25.42	1.5	PERIOD	CSTN	43824
599440	4133260	5.95468	25.48	25.48	1.5	PERIOD	CSTN	43824
599460	4133260	7.96583	25.48	25.48	1.5	PERIOD	CSTN	43824
599480	4133260	10.31282	25.61	25.61	1.5	PERIOD	CSTN	43824
599500	4133260	12.75138	25.85	25.85	1.5	PERIOD	CSTN	43824
599520	4133260	15.06657	25.83	25.83	1.5	PERIOD	CSTN	43824
599540	4133260	16.94953	25.81	25.81	1.5	PERIOD	CSTN	43824
599560	4133260	18.25795	25.74	25.74	1.5	PERIOD	CSTN	43824
599580	4133260	18.93079	25.73	25.73	1.5	PERIOD	CSTN	43824
599600	4133260	18.99101	25.95	25.95	1.5	PERIOD	CSTN	43824
599620	4133260	18.58047	26.23	26.23	1.5	PERIOD	CSTN	43824
599640	4133260	17.86034	26.32	26.32	1.5	PERIOD	CSTN	43824
599120	4133280	0.60719	24.73	24.73	1.5	PERIOD	CSTN	43824
599140	4133280	0.64834	24.7	24.7	1.5	PERIOD	CSTN	43824
599160	4133280	0.69417	24.63	24.63	1.5	PERIOD	CSTN	43824
599180	4133280	0.74587	24.53	24.53	1.5	PERIOD	CSTN	43824
599200	4133280	0.80128	24.85	24.85	1.5	PERIOD	CSTN	43824
599220	4133280	0.87287	24.65	24.65	1.5	PERIOD	CSTN	43824
599240	4133280	0.95921	24.66	24.66	1.5	PERIOD	CSTN	43824
599260	4133280	1.06486	25.03	25.03	1.5	PERIOD	CSTN	43824
599280	4133280	1.20985	25.06	25.06	1.5	PERIOD	CSTN	43824
599300	4133280	1.40118	25.11	25.11	1.5	PERIOD	CSTN	43824
599320	4133280	1.65536	25.13	25.13	1.5	PERIOD	CSTN	43824
599340	4133280	2.00382	24.99	24.99	1.5	PERIOD	CSTN	43824
599360	4133280	2.48285	25.16	25.16	1.5	PERIOD	CSTN	43824
599380	4133280	3.19152	25.36	25.36	1.5	PERIOD	CSTN	43824
599400	4133280	4.27496	25.5	25.5	1.5	PERIOD	CSTN	43824
599420	4133280	5.94046	25.28	25.28	1.5	PERIOD	CSTN	43824
599440	4133280	8.26816	25.29	25.29	1.5	PERIOD	CSTN	43824
599460	4133280	11.22981	25.38	25.38	1.5	PERIOD	CSTN	43824
599480	4133280	14.5061	25.65	25.65	1.5	PERIOD	CSTN	43824
599500	4133280	17.71265	25.79	25.79	1.5	PERIOD	CSTN	43824
599520	4133280	20.37009	25.91	25.91	1.5	PERIOD	CSTN	43824
599540	4133280	22.2399	25.83	25.83	1.5	PERIOD	CSTN	43824
599560	4133280	23.17285	25.75	25.75	1.5	PERIOD	CSTN	43824
599580	4133280	23.23665	25.73	25.73	1.5	PERIOD	CSTN	43824

599600	4133280	22.59845	25.82	25.82	1.5	PERIOD	CSTN	43824
599620	4133280	21.47184	25.98	25.98	1.5	PERIOD	CSTN	43824
599640	4133280	20.01505	26.36	26.36	1.5	PERIOD	CSTN	43824
599660	4133280	18.48123	26.36	26.36	1.5	PERIOD	CSTN	43824
599100	4133300	0.64973	24.46	24.46	1.5	PERIOD	CSTN	43824
599120	4133300	0.69527	24.88	24.88	1.5	PERIOD	CSTN	43824
599140	4133300	0.74768	24.93	24.93	1.5	PERIOD	CSTN	43824
599160	4133300	0.8095	24.54	24.54	1.5	PERIOD	CSTN	43824
599180	4133300	0.87547	24.55	24.55	1.5	PERIOD	CSTN	43824
599200	4133300	0.95181	24.46	24.46	1.5	PERIOD	CSTN	43824
599220	4133300	1.03891	24.52	24.52	1.5	PERIOD	CSTN	43824
599240	4133300	1.14409	24.62	24.62	1.5	PERIOD	CSTN	43824
599260	4133300	1.27529	24.82	24.82	1.5	PERIOD	CSTN	43824
599280	4133300	1.44587	25.12	25.12	1.5	PERIOD	CSTN	43824
599300	4133300	1.68762	24.99	24.99	1.5	PERIOD	CSTN	43824
599320	4133300	2.01492	24.93	24.93	1.5	PERIOD	CSTN	43824
599340	4133300	2.47157	24.85	24.85	1.5	PERIOD	CSTN	43824
599360	4133300	3.11789	25.16	25.16	1.5	PERIOD	CSTN	43824
599380	4133300	4.14167	25.23	25.23	1.5	PERIOD	CSTN	43824
599400	4133300	5.78272	25.29	25.29	1.5	PERIOD	CSTN	43824
599420	4133300	8.35005	25.26	25.26	1.5	PERIOD	CSTN	43824
599440	4133300	12.0157	25.2	25.2	1.5	PERIOD	CSTN	43824
599460	4133300	16.48901	25.32	25.32	1.5	PERIOD	CSTN	43824
599480	4133300	21.08489	25.54	25.54	1.5	PERIOD	CSTN	43824
599500	4133300	24.98614	25.81	25.81	1.5	PERIOD	CSTN	43824
599520	4133300	27.71928	25.85	25.85	1.5	PERIOD	CSTN	43824
599540	4133300	29.07866	25.65	25.65	1.5	PERIOD	CSTN	43824
599560	4133300	29.05634	25.56	25.56	1.5	PERIOD	CSTN	43824
599580	4133300	27.82521	26.12	26.12	1.5	PERIOD	CSTN	43824
599600	4133300	26.13181	26.04	26.04	1.5	PERIOD	CSTN	43824
599620	4133300	24.05265	26.02	26.02	1.5	PERIOD	CSTN	43824
599640	4133300	21.81555	26.1	26.1	1.5	PERIOD	CSTN	43824
599660	4133300	19.59351	26.22	26.22	1.5	PERIOD	CSTN	43824
599680	4133300	17.50788	26.21	26.21	1.5	PERIOD	CSTN	43824
599100	4133320	0.74109	24.44	24.44	1.5	PERIOD	CSTN	43824
599120	4133320	0.80033	24.75	24.75	1.5	PERIOD	CSTN	43824
599140	4133320	0.86698	24.98	24.98	1.5	PERIOD	CSTN	43824
599160	4133320	0.94492	24.85	24.85	1.5	PERIOD	CSTN	43824
599180	4133320	1.03649	24.47	24.47	1.5	PERIOD	CSTN	43824
599200	4133320	1.13741	24.41	24.41	1.5	PERIOD	CSTN	43824
599220	4133320	1.25223	24.5	24.5	1.5	PERIOD	CSTN	43824
599240	4133320	1.39222	24.43	24.43	1.5	PERIOD	CSTN	43824
599260	4133320	1.55956	24.63	24.63	1.5	PERIOD	CSTN	43824
599280	4133320	1.78035	24.74	24.74	1.5	PERIOD	CSTN	43824
599300	4133320	2.08278	24.81	24.81	1.5	PERIOD	CSTN	43824
599340	4133320	3.12386	24.81	24.81	1.5	PERIOD	CSTN	43824
599360	4133320	4.05466	24.93	24.93	1.5	PERIOD	CSTN	43824
599380	4133320	5.58082	25.15	25.15	1.5	PERIOD	CSTN	43824
599400	4133320	8.23023	25.08	25.08	1.5	PERIOD	CSTN	43824
599420	4133320	12.46217	25.2	25.2	1.5	PERIOD	CSTN	43824
599440	4133320	18.49864	25.1	25.1	1.5	PERIOD	CSTN	43824
599460	4133320	25.24275	25.37	25.37	1.5	PERIOD	CSTN	43824
599480	4133320	31.46052	25.41	25.41	1.5	PERIOD	CSTN	43824
599500	4133320	35.60536	25.7	25.7	1.5	PERIOD	CSTN	43824
599520	4133320	37.52507	25.65	25.65	1.5	PERIOD	CSTN	43824
599540	4133320	37.31455	25.45	25.45	1.5	PERIOD	CSTN	43824
599560	4133320	35.31731	25.72	25.72	1.5	PERIOD	CSTN	43824
599580	4133320	32.39197	26.06	26.06	1.5	PERIOD	CSTN	43824
599600	4133320	29.17872	26.08	26.08	1.5	PERIOD	CSTN	43824

599620	4133320	25.86706	26.28	26.28	1.5	PERIOD	CSTN	43824
599640	4133320	22.77909	26.24	26.24	1.5	PERIOD	CSTN	43824
599660	4133320	19.96965	26.13	26.13	1.5	PERIOD	CSTN	43824
599680	4133320	17.42996	26.27	26.27	1.5	PERIOD	CSTN	43824
599080	4133340	0.779	24.19	24.19	1.5	PERIOD	CSTN	43824
599100	4133340	0.84736	24.33	24.33	1.5	PERIOD	CSTN	43824
599120	4133340	0.92564	24.37	24.37	1.5	PERIOD	CSTN	43824
599140	4133340	1.01299	24.58	24.58	1.5	PERIOD	CSTN	43824
599160	4133340	1.11261	24.77	24.77	1.5	PERIOD	CSTN	43824
599180	4133340	1.23741	24.22	24.22	1.5	PERIOD	CSTN	43824
599200	4133340	1.37624	24.11	24.11	1.5	PERIOD	CSTN	43824
599220	4133340	1.53934	23.99	23.99	1.5	PERIOD	CSTN	43824
599240	4133340	1.71851	24.45	24.45	1.5	PERIOD	CSTN	43824
599260	4133340	1.95064	24.46	24.46	1.5	PERIOD	CSTN	43824
599280	4133340	2.24788	24.51	24.51	1.5	PERIOD	CSTN	43824
599360	4133340	5.47181	24.86	24.86	1.5	PERIOD	CSTN	43824
599420	4133340	20.20959	24.96	24.96	1.5	PERIOD	CSTN	43824
599440	4133340	30.33033	25.13	25.13	1.5	PERIOD	CSTN	43824
599460	4133340	40.29429	25.38	25.38	1.5	PERIOD	CSTN	43824
599480	4133340	47.46916	25.44	25.44	1.5	PERIOD	CSTN	43824
599500	4133340	50.30917	25.59	25.59	1.5	PERIOD	CSTN	43824
599520	4133340	49.49553	25.48	25.48	1.5	PERIOD	CSTN	43824
599540	4133340	46.03295	25.44	25.44	1.5	PERIOD	CSTN	43824
599560	4133340	41.10128	25.79	25.79	1.5	PERIOD	CSTN	43824
599580	4133340	35.96293	25.87	25.87	1.5	PERIOD	CSTN	43824
599600	4133340	31.00931	26.03	26.03	1.5	PERIOD	CSTN	43824
599620	4133340	26.55213	26.16	26.16	1.5	PERIOD	CSTN	43824
599640	4133340	22.73051	26.02	26.02	1.5	PERIOD	CSTN	43824
599660	4133340	19.40729	26.19	26.19	1.5	PERIOD	CSTN	43824
599680	4133340	16.62064	26.28	26.28	1.5	PERIOD	CSTN	43824
599080	4133360	0.88259	24.4	24.4	1.5	PERIOD	CSTN	43824
599100	4133360	0.97027	24.26	24.26	1.5	PERIOD	CSTN	43824
599120	4133360	1.06976	24.31	24.31	1.5	PERIOD	CSTN	43824
599140	4133360	1.18537	24.33	24.33	1.5	PERIOD	CSTN	43824
599160	4133360	1.32199	24.23	24.23	1.5	PERIOD	CSTN	43824
599180	4133360	1.48521	24	24	1.5	PERIOD	CSTN	43824
599200	4133360	1.68076	23.72	23.72	1.5	PERIOD	CSTN	43824
599220	4133360	1.90375	23.86	23.86	1.5	PERIOD	CSTN	43824
599240	4133360	2.17586	23.91	23.91	1.5	PERIOD	CSTN	43824
599420	4133360	36.079	24.89	24.89	1.5	PERIOD	CSTN	43824
599440	4133360	53.1397	25.19	25.19	1.5	PERIOD	CSTN	43824
599460	4133360	66.0366	25.34	25.34	1.5	PERIOD	CSTN	43824
599480	4133360	70.93671	25.44	25.44	1.5	PERIOD	CSTN	43824
599500	4133360	68.57829	25.47	25.47	1.5	PERIOD	CSTN	43824
599520	4133360	61.93589	25.3	25.3	1.5	PERIOD	CSTN	43824
599540	4133360	53.1855	25.75	25.75	1.5	PERIOD	CSTN	43824
599560	4133360	44.79083	25.81	25.81	1.5	PERIOD	CSTN	43824
599580	4133360	37.27382	25.88	25.88	1.5	PERIOD	CSTN	43824
599600	4133360	30.8901	25.98	25.98	1.5	PERIOD	CSTN	43824
599620	4133360	25.64264	26.03	26.03	1.5	PERIOD	CSTN	43824
599640	4133360	21.39346	26	26	1.5	PERIOD	CSTN	43824
599660	4133360	17.89345	26.3	26.3	1.5	PERIOD	CSTN	43824
599680	4133360	15.10707	26.36	26.36	1.5	PERIOD	CSTN	43824
599700	4133360	12.8214	26.62	26.62	1.5	PERIOD	CSTN	43824
599080	4133380	1.00509	24.28	24.28	1.5	PERIOD	CSTN	43824
599100	4133380	1.11212	24.36	24.36	1.5	PERIOD	CSTN	43824
599120	4133380	1.24016	24.22	24.22	1.5	PERIOD	CSTN	43824
599140	4133380	1.38877	24.28	24.28	1.5	PERIOD	CSTN	43824
599160	4133380	1.57401	23.89	23.89	1.5	PERIOD	CSTN	43824

599180	4133380	1.78902	23.91	23.91	1.5	PERIOD	CSTN	43824
599200	4133380	2.05118	23.89	23.89	1.5	PERIOD	CSTN	43824
599220	4133380	2.35202	24.46	24.46	1.5	PERIOD	CSTN	43824
599440	4133380	97.67229	25.11	25.11	1.5	PERIOD	CSTN	43824
599460	4133380	106.9288	25.19	25.19	1.5	PERIOD	CSTN	43824
599480	4133380	100.55424	25.35	25.35	1.5	PERIOD	CSTN	43824
599500	4133380	86.57088	25.22	25.22	1.5	PERIOD	CSTN	43824
599520	4133380	70.59388	25.4	25.4	1.5	PERIOD	CSTN	43824
599540	4133380	56.22003	25.69	25.69	1.5	PERIOD	CSTN	43824
599560	4133380	44.57942	25.83	25.83	1.5	PERIOD	CSTN	43824
599580	4133380	35.4699	25.93	25.93	1.5	PERIOD	CSTN	43824
599600	4133380	28.4532	26	26	1.5	PERIOD	CSTN	43824
599620	4133380	23.1149	25.86	25.86	1.5	PERIOD	CSTN	43824
599640	4133380	18.87975	26.2	26.2	1.5	PERIOD	CSTN	43824
599660	4133380	15.61989	26.4	26.4	1.5	PERIOD	CSTN	43824
599680	4133380	13.06898	26.57	26.57	1.5	PERIOD	CSTN	43824
599700	4133380	11.06735	26.59	26.59	1.5	PERIOD	CSTN	43824
599060	4133400	1.03537	24.13	24.13	1.5	PERIOD	CSTN	43824
599080	4133400	1.1493	24.14	24.14	1.5	PERIOD	CSTN	43824
599100	4133400	1.28315	24.19	24.19	1.5	PERIOD	CSTN	43824
599120	4133400	1.44298	24.2	24.2	1.5	PERIOD	CSTN	43824
599140	4133400	1.63976	23.97	23.97	1.5	PERIOD	CSTN	43824
599160	4133400	1.88112	23.71	23.71	1.5	PERIOD	CSTN	43824
599180	4133400	2.16364	23.98	23.98	1.5	PERIOD	CSTN	43824
599200	4133400	2.51151	24.34	24.34	1.5	PERIOD	CSTN	43824
599220	4133400	2.94027	24.92	24.92	1.5	PERIOD	CSTN	43824
599480	4133400	125.91828	25.21	25.21	1.5	PERIOD	CSTN	43824
599500	4133400	95.0292	25.14	25.14	1.5	PERIOD	CSTN	43824
599520	4133400	70.2149	25.51	25.51	1.5	PERIOD	CSTN	43824
599540	4133400	52.34465	25.69	25.69	1.5	PERIOD	CSTN	43824
599560	4133400	39.66388	25.8	25.8	1.5	PERIOD	CSTN	43824
599580	4133400	30.61959	25.9	25.9	1.5	PERIOD	CSTN	43824
599600	4133400	24.157	25.79	25.79	1.5	PERIOD	CSTN	43824
599620	4133400	19.34497	25.89	25.89	1.5	PERIOD	CSTN	43824
599640	4133400	15.70689	26.19	26.19	1.5	PERIOD	CSTN	43824
599660	4133400	12.95326	26.45	26.45	1.5	PERIOD	CSTN	43824
599680	4133400	10.82861	26.71	26.71	1.5	PERIOD	CSTN	43824
599700	4133400	9.19122	26.73	26.73	1.5	PERIOD	CSTN	43824
599060	4133420	1.18075	24.09	24.09	1.5	PERIOD	CSTN	43824
599080	4133420	1.32167	24.08	24.08	1.5	PERIOD	CSTN	43824
599100	4133420	1.49102	24.02	24.02	1.5	PERIOD	CSTN	43824
599120	4133420	1.69361	24.08	24.08	1.5	PERIOD	CSTN	43824
599140	4133420	1.9554	23.58	23.58	1.5	PERIOD	CSTN	43824
599160	4133420	2.26031	23.81	23.81	1.5	PERIOD	CSTN	43824
599180	4133420	2.64619	23.97	23.97	1.5	PERIOD	CSTN	43824
599200	4133420	3.15095	23.93	23.93	1.5	PERIOD	CSTN	43824
599220	4133420	3.8047	24.06	24.06	1.5	PERIOD	CSTN	43824
599240	4133420	4.7043	24	24	1.5	PERIOD	CSTN	43824
599500	4133420	84.59155	25.24	25.24	1.5	PERIOD	CSTN	43824
599520	4133420	58.3951	25.58	25.58	1.5	PERIOD	CSTN	43824
599540	4133420	41.91672	25.77	25.77	1.5	PERIOD	CSTN	43824
599560	4133420	31.18316	25.87	25.87	1.5	PERIOD	CSTN	43824
599580	4133420	23.95275	25.85	25.85	1.5	PERIOD	CSTN	43824
599600	4133420	18.9068	25.73	25.73	1.5	PERIOD	CSTN	43824
599620	4133420	15.1457	26.07	26.07	1.5	PERIOD	CSTN	43824
599640	4133420	12.39196	26.28	26.28	1.5	PERIOD	CSTN	43824
599660	4133420	10.28651	26.63	26.63	1.5	PERIOD	CSTN	43824
599680	4133420	8.70417	26.63	26.63	1.5	PERIOD	CSTN	43824
599700	4133420	7.45937	26.59	26.59	1.5	PERIOD	CSTN	43824

599060	4133440	1.36487	23.52	23.52	1.5	PERIOD	CSTN	43824
599080	4133440	1.53927	23.72	23.72	1.5	PERIOD	CSTN	43824
599100	4133440	1.7526	23.78	23.78	1.5	PERIOD	CSTN	43824
599120	4133440	2.02229	23.41	23.41	1.5	PERIOD	CSTN	43824
599140	4133440	2.35252	23.47	23.47	1.5	PERIOD	CSTN	43824
599160	4133440	2.7582	23.87	23.87	1.5	PERIOD	CSTN	43824
599180	4133440	3.29208	23.97	23.97	1.5	PERIOD	CSTN	43824
599200	4133440	3.99411	24.14	24.14	1.5	PERIOD	CSTN	43824
599220	4133440	4.97831	24	24	1.5	PERIOD	CSTN	43824
599240	4133440	6.40483	23.69	23.69	1.5	PERIOD	CSTN	43824
599260	4133440	8.44726	23.86	23.86	1.5	PERIOD	CSTN	43824
599280	4133440	11.6293	24.13	24.13	1.5	PERIOD	CSTN	43824
599480	4133440	91.08848	24.95	24.95	1.5	PERIOD	CSTN	43824
599500	4133440	58.55749	25.34	25.34	1.5	PERIOD	CSTN	43824
599520	4133440	40.29804	25.59	25.59	1.5	PERIOD	CSTN	43824
599540	4133440	29.2851	25.71	25.71	1.5	PERIOD	CSTN	43824
599560	4133440	22.20432	25.73	25.73	1.5	PERIOD	CSTN	43824
599580	4133440	17.43239	25.59	25.59	1.5	PERIOD	CSTN	43824
599600	4133440	13.94749	25.82	25.82	1.5	PERIOD	CSTN	43824
599620	4133440	11.39313	26.1	26.1	1.5	PERIOD	CSTN	43824
599640	4133440	9.46733	26.44	26.44	1.5	PERIOD	CSTN	43824
599660	4133440	8.02019	26.51	26.51	1.5	PERIOD	CSTN	43824
599680	4133440	6.88309	26.56	26.56	1.5	PERIOD	CSTN	43824
599700	4133440	5.97465	26.58	26.58	1.5	PERIOD	CSTN	43824
599060	4133460	1.58572	23.35	23.35	1.5	PERIOD	CSTN	43824
599080	4133460	1.81031	23.26	23.26	1.5	PERIOD	CSTN	43824
599100	4133460	2.08698	23.44	23.44	1.5	PERIOD	CSTN	43824
599120	4133460	2.43331	23.31	23.31	1.5	PERIOD	CSTN	43824
599140	4133460	2.87396	23.52	23.52	1.5	PERIOD	CSTN	43824
599160	4133460	3.43315	23.8	23.8	1.5	PERIOD	CSTN	43824
599180	4133460	4.18445	23.9	23.9	1.5	PERIOD	CSTN	43824
599200	4133460	5.21731	23.94	23.94	1.5	PERIOD	CSTN	43824
599220	4133460	6.72007	23.7	23.7	1.5	PERIOD	CSTN	43824
599240	4133460	8.9429	23.59	23.59	1.5	PERIOD	CSTN	43824
599260	4133460	12.3589	23.79	23.79	1.5	PERIOD	CSTN	43824
599480	4133460	49.13344	24.99	24.99	1.5	PERIOD	CSTN	43824
599500	4133460	34.12098	25.18	25.18	1.5	PERIOD	CSTN	43824
599520	4133460	25.0293	25.37	25.37	1.5	PERIOD	CSTN	43824
599540	4133460	19.37219	25	25	1.5	PERIOD	CSTN	43824
599560	4133460	15.22861	25.34	25.34	1.5	PERIOD	CSTN	43824
599580	4133460	12.30758	25.58	25.58	1.5	PERIOD	CSTN	43824
599600	4133460	10.13678	25.92	25.92	1.5	PERIOD	CSTN	43824
599620	4133460	8.50243	26.2	26.2	1.5	PERIOD	CSTN	43824
599640	4133460	7.23055	26.52	26.52	1.5	PERIOD	CSTN	43824
599660	4133460	6.25421	26.51	26.51	1.5	PERIOD	CSTN	43824
599680	4133460	5.46603	26.48	26.48	1.5	PERIOD	CSTN	43824
599700	4133460	4.80532	26.69	26.69	1.5	PERIOD	CSTN	43824
599060	4133480	1.85965	23.53	23.53	1.5	PERIOD	CSTN	43824
599080	4133480	2.14595	23.38	23.38	1.5	PERIOD	CSTN	43824
599100	4133480	2.50392	23.21	23.21	1.5	PERIOD	CSTN	43824
599120	4133480	2.95884	23.17	23.17	1.5	PERIOD	CSTN	43824
599140	4133480	3.54758	23.54	23.54	1.5	PERIOD	CSTN	43824
599160	4133480	4.31977	23.67	23.67	1.5	PERIOD	CSTN	43824
599180	4133480	5.34752	24.03	24.03	1.5	PERIOD	CSTN	43824
599200	4133480	6.83916	23.83	23.83	1.5	PERIOD	CSTN	43824
599220	4133480	9.02573	23.4	23.4	1.5	PERIOD	CSTN	43824
599240	4133480	12.26061	23.67	23.67	1.5	PERIOD	CSTN	43824
599360	4133480	159.65097	24.51	24.51	1.5	PERIOD	CSTN	43824
599380	4133480	171.26747	24.37	24.37	1.5	PERIOD	CSTN	43824

599500	4133480	20.41831	25.11	25.11	1.5	PERIOD	CSTN	43824
599520	4133480	16.10449	25.16	25.16	1.5	PERIOD	CSTN	43824
599540	4133480	13.19304	24.54	24.54	1.5	PERIOD	CSTN	43824
599560	4133480	10.72794	25.35	25.35	1.5	PERIOD	CSTN	43824
599580	4133480	8.96553	25.66	25.66	1.5	PERIOD	CSTN	43824
599600	4133480	7.60856	25.93	25.93	1.5	PERIOD	CSTN	43824
599620	4133480	6.51894	26.4	26.4	1.5	PERIOD	CSTN	43824
599640	4133480	5.6792	26.47	26.47	1.5	PERIOD	CSTN	43824
599660	4133480	5.00046	26.42	26.42	1.5	PERIOD	CSTN	43824
599680	4133480	4.4289	26.53	26.53	1.5	PERIOD	CSTN	43824
599700	4133480	3.93523	26.99	26.99	1.5	PERIOD	CSTN	43824
599060	4133500	2.19071	23.43	23.43	1.5	PERIOD	CSTN	43824
599080	4133500	2.55219	23.2	23.2	1.5	PERIOD	CSTN	43824
599100	4133500	3.00816	23.15	23.15	1.5	PERIOD	CSTN	43824
599120	4133500	3.59262	23.37	23.37	1.5	PERIOD	CSTN	43824
599140	4133500	4.35597	23.17	23.17	1.5	PERIOD	CSTN	43824
599160	4133500	5.37204	23.29	23.29	1.5	PERIOD	CSTN	43824
599180	4133500	6.7546	23.53	23.53	1.5	PERIOD	CSTN	43824
599200	4133500	8.68552	23.31	23.31	1.5	PERIOD	CSTN	43824
599220	4133500	11.44788	23.37	23.37	1.5	PERIOD	CSTN	43824
599240	4133500	15.50461	23.37	23.37	1.5	PERIOD	CSTN	43824
599520	4133500	11.49754	25.22	25.22	1.5	PERIOD	CSTN	43824
599540	4133500	9.62188	25.16	25.16	1.5	PERIOD	CSTN	43824
599560	4133500	8.13641	25.36	25.36	1.5	PERIOD	CSTN	43824
599580	4133500	6.94494	25.8	25.8	1.5	PERIOD	CSTN	43824
599600	4133500	6.00989	26.07	26.07	1.5	PERIOD	CSTN	43824
599620	4133500	5.24896	26.38	26.38	1.5	PERIOD	CSTN	43824
599640	4133500	4.64553	26.32	26.32	1.5	PERIOD	CSTN	43824
599660	4133500	4.1375	26.34	26.34	1.5	PERIOD	CSTN	43824
599680	4133500	3.69514	26.71	26.71	1.5	PERIOD	CSTN	43824
599700	4133500	3.32269	27.03	27.03	1.5	PERIOD	CSTN	43824
599080	4133520	3.01194	23.04	23.04	1.5	PERIOD	CSTN	43824
599100	4133520	3.57041	23.32	23.32	1.5	PERIOD	CSTN	43824
599120	4133520	4.28438	23.5	23.5	1.5	PERIOD	CSTN	43824
599140	4133520	5.2111	23.35	23.35	1.5	PERIOD	CSTN	43824
599160	4133520	6.43023	23.16	23.16	1.5	PERIOD	CSTN	43824
599180	4133520	8.05614	23.17	23.17	1.5	PERIOD	CSTN	43824
599200	4133520	10.252	23.12	23.12	1.5	PERIOD	CSTN	43824
599220	4133520	13.24031	23.42	23.42	1.5	PERIOD	CSTN	43824
599240	4133520	17.3115	23.5	23.5	1.5	PERIOD	CSTN	43824
599260	4133520	22.75126	23.69	23.69	1.5	PERIOD	CSTN	43824
599540	4133520	7.56264	25.39	25.39	1.5	PERIOD	CSTN	43824
599560	4133520	6.53433	25.46	25.46	1.5	PERIOD	CSTN	43824
599580	4133520	5.67568	25.83	25.83	1.5	PERIOD	CSTN	43824
599600	4133520	4.97689	26.13	26.13	1.5	PERIOD	CSTN	43824
599620	4133520	4.4024	26.35	26.35	1.5	PERIOD	CSTN	43824
599640	4133520	3.93934	26.17	26.17	1.5	PERIOD	CSTN	43824
599660	4133520	3.53237	26.37	26.37	1.5	PERIOD	CSTN	43824
599680	4133520	3.19149	26.4	26.4	1.5	PERIOD	CSTN	43824
599700	4133520	2.87716	27.2	27.2	1.5	PERIOD	CSTN	43824
599080	4133540	3.48547	23	23	1.5	PERIOD	CSTN	43824
599100	4133540	4.13123	23.28	23.28	1.5	PERIOD	CSTN	43824
599120	4133540	4.9436	23.48	23.48	1.5	PERIOD	CSTN	43824
599140	4133540	5.97652	23.25	23.25	1.5	PERIOD	CSTN	43824
599160	4133540	7.29559	23.26	23.26	1.5	PERIOD	CSTN	43824
599180	4133540	8.98553	23.07	23.07	1.5	PERIOD	CSTN	43824
599200	4133540	11.14456	23.17	23.17	1.5	PERIOD	CSTN	43824
599220	4133540	13.8725	23.21	23.21	1.5	PERIOD	CSTN	43824
599240	4133540	17.23094	23.45	23.45	1.5	PERIOD	CSTN	43824

599260	4133540	21.15454	23.69	23.69	1.5	PERIOD	CSTN	43824
599280	4133540	25.46532	23.52	23.52	1.5	PERIOD	CSTN	43824
599300	4133540	29.50942	23.61	23.61	1.5	PERIOD	CSTN	43824
599320	4133540	32.46883	23.81	23.81	1.5	PERIOD	CSTN	43824
599340	4133540	33.62798	24.06	24.06	1.5	PERIOD	CSTN	43824
599520	4133540	7.0709	24.92	24.92	1.5	PERIOD	CSTN	43824
599540	4133540	6.15668	25.41	25.41	1.5	PERIOD	CSTN	43824
599560	4133540	5.41442	25.54	25.54	1.5	PERIOD	CSTN	43824
599580	4133540	4.78255	25.78	25.78	1.5	PERIOD	CSTN	43824
599600	4133540	4.25127	25.96	25.96	1.5	PERIOD	CSTN	43824
599620	4133540	3.78742	26.46	26.46	1.5	PERIOD	CSTN	43824
599640	4133540	3.42023	26.18	26.18	1.5	PERIOD	CSTN	43824
599660	4133540	3.07518	26.86	26.86	1.5	PERIOD	CSTN	43824
599680	4133540	2.79975	26.77	26.77	1.5	PERIOD	CSTN	43824
599700	4133540	2.56216	26.59	26.59	1.5	PERIOD	CSTN	43824
599080	4133560	3.92122	23.09	23.09	1.5	PERIOD	CSTN	43824
599100	4133560	4.616	23.18	23.18	1.5	PERIOD	CSTN	43824
599120	4133560	5.46962	23.27	23.27	1.5	PERIOD	CSTN	43824
599140	4133560	6.51868	23.21	23.21	1.5	PERIOD	CSTN	43824
599160	4133560	7.80323	23.09	23.09	1.5	PERIOD	CSTN	43824
599180	4133560	9.36142	23.19	23.19	1.5	PERIOD	CSTN	43824
599200	4133560	11.21779	23.42	23.42	1.5	PERIOD	CSTN	43824
599220	4133560	13.36808	23.21	23.21	1.5	PERIOD	CSTN	43824
599240	4133560	15.73863	23.22	23.22	1.5	PERIOD	CSTN	43824
599260	4133560	18.16302	23.45	23.45	1.5	PERIOD	CSTN	43824
599280	4133560	20.37725	23.45	23.45	1.5	PERIOD	CSTN	43824
599300	4133560	22.03991	23.61	23.61	1.5	PERIOD	CSTN	43824
599320	4133560	22.92257	23.66	23.66	1.5	PERIOD	CSTN	43824
599340	4133560	22.7315	24.11	24.11	1.5	PERIOD	CSTN	43824
599360	4133560	21.64764	24.12	24.12	1.5	PERIOD	CSTN	43824
599380	4133560	19.1789	24.12	24.12	1.5	PERIOD	CSTN	43824
599500	4133560	6.50079	23.84	23.84	1.5	PERIOD	CSTN	43824
599520	4133560	5.72226	24.93	25.19	1.5	PERIOD	CSTN	43824
599540	4133560	5.0845	25.52	25.52	1.5	PERIOD	CSTN	43824
599560	4133560	4.56055	25.49	25.49	1.5	PERIOD	CSTN	43824
599580	4133560	4.10415	25.37	25.37	1.5	PERIOD	CSTN	43824
599600	4133560	3.6778	25.98	25.98	1.5	PERIOD	CSTN	43824
599620	4133560	3.32141	26.17	26.17	1.5	PERIOD	CSTN	43824
599640	4133560	3.01289	26.28	26.28	1.5	PERIOD	CSTN	43824
599660	4133560	2.73529	26.73	26.73	1.5	PERIOD	CSTN	43824
599680	4133560	2.5029	26.73	26.73	1.5	PERIOD	CSTN	43824
599700	4133560	2.29597	26.87	26.87	1.5	PERIOD	CSTN	43824
599080	4133580	4.26391	23.22	23.22	1.5	PERIOD	CSTN	43824
599100	4133580	4.9606	23.19	23.19	1.5	PERIOD	CSTN	43824
599120	4133580	5.78804	23.22	23.22	1.5	PERIOD	CSTN	43824
599140	4133580	6.76346	23.24	23.24	1.5	PERIOD	CSTN	43824
599160	4133580	7.8962	23.01	23.01	1.5	PERIOD	CSTN	43824
599180	4133580	9.19101	23.45	23.45	1.5	PERIOD	CSTN	43824
599200	4133580	10.62019	23.35	23.35	1.5	PERIOD	CSTN	43824
599220	4133580	12.12587	23.46	23.46	1.5	PERIOD	CSTN	43824
599240	4133580	13.61015	23.39	23.39	1.5	PERIOD	CSTN	43824
599260	4133580	14.93261	23.31	23.31	1.5	PERIOD	CSTN	43824
599280	4133580	15.94261	23.38	23.38	1.5	PERIOD	CSTN	43824
599300	4133580	16.53765	23.39	23.39	1.5	PERIOD	CSTN	43824
599320	4133580	16.6609	23.65	23.65	1.5	PERIOD	CSTN	43824
599340	4133580	16.26742	23.99	23.99	1.5	PERIOD	CSTN	43824
599360	4133580	15.41778	23.85	23.85	1.5	PERIOD	CSTN	43824
599500	4133580	5.23079	23.7	23.7	1.5	PERIOD	CSTN	43824
599520	4133580	4.72853	24.17	24.17	1.5	PERIOD	CSTN	43824

599540	4133580	4.26192	25.14	25.14	1.5	PERIOD	CSTN	43824
599560	4133580	3.89033	24.96	24.96	1.5	PERIOD	CSTN	43824
599580	4133580	3.56296	24.42	24.42	1.5	PERIOD	CSTN	43824
599600	4133580	3.20344	26.09	26.38	1.5	PERIOD	CSTN	43824
599620	4133580	2.92565	26.22	26.22	1.5	PERIOD	CSTN	43824
599640	4133580	2.6717	26.6	26.6	1.5	PERIOD	CSTN	43824
599660	4133580	2.44856	26.85	26.85	1.5	PERIOD	CSTN	43824
599680	4133580	2.25344	26.93	26.93	1.5	PERIOD	CSTN	43824
599100	4133600	5.13055	23.31	23.31	1.5	PERIOD	CSTN	43824
599120	4133600	5.87558	23.23	23.23	1.5	PERIOD	CSTN	43824
599140	4133600	6.71149	23	23	1.5	PERIOD	CSTN	43824
599160	4133600	7.63622	23.13	23.13	1.5	PERIOD	CSTN	43824
599180	4133600	8.61943	23.39	23.39	1.5	PERIOD	CSTN	43824
599200	4133600	9.62299	23.5	23.5	1.5	PERIOD	CSTN	43824
599220	4133600	10.5857	23.55	23.55	1.5	PERIOD	CSTN	43824
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599280	4133600	12.4872	23.49	23.49	1.5	PERIOD	CSTN	43824
599300	4133600	12.6402	23.38	23.38	1.5	PERIOD	CSTN	43824
599320	4133600	12.55785	23.52	23.52	1.5	PERIOD	CSTN	43824
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599360	4133600	11.47471	23.85	23.85	1.5	PERIOD	CSTN	43824
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599560	4133600	3.32256	24.85	26.09	1.5	PERIOD	CSTN	43824
599580	4133600	3.0859	24.18	26.66	1.5	PERIOD	CSTN	43824
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599680	4133600	2.03429	27.46	27.46	1.5	PERIOD	CSTN	43824
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599140	4133620	6.42215	22.9	22.9	1.5	PERIOD	CSTN	43824
599160	4133620	7.12768	23.23	23.23	1.5	PERIOD	CSTN	43824
599180	4133620	7.82417	23.3	23.3	1.5	PERIOD	CSTN	43824
599200	4133620	8.48002	23.35	23.35	1.5	PERIOD	CSTN	43824
599220	4133620	9.0504	23.39	23.39	1.5	PERIOD	CSTN	43824
599240	4133620	9.49296	23.23	23.23	1.5	PERIOD	CSTN	43824
599260	4133620	9.77807	23.36	23.36	1.5	PERIOD	CSTN	43824
599280	4133620	9.8844	23.71	23.71	1.5	PERIOD	CSTN	43824
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599340	4133620	9.44935	23.46	23.46	1.5	PERIOD	CSTN	43824
599460	4133620	4.2729	24.21	24.21	1.5	PERIOD	CSTN	43824
599480	4133620	3.83875	24.27	24.27	1.5	PERIOD	CSTN	43824
599500	4133620	3.4945	25.23	25.23	1.5	PERIOD	CSTN	43824
599520	4133620	3.21501	26.33	26.33	1.5	PERIOD	CSTN	43824
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599580	4133620	2.63501	26.14	26.14	1.5	PERIOD	CSTN	43824
599600	4133620	2.45383	26.52	26.52	1.5	PERIOD	CSTN	43824
599620	4133620	2.28777	26.68	26.68	1.5	PERIOD	CSTN	43824
599640	4133620	2.13522	26.68	26.68	1.5	PERIOD	CSTN	43824
599660	4133620	1.98895	26.91	26.91	1.5	PERIOD	CSTN	43824
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599160	4133640	6.48929	23.3	23.3	1.5	PERIOD	CSTN	43824
599180	4133640	6.95384	23.18	23.18	1.5	PERIOD	CSTN	43824
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599220	4133640	7.66834	23.11	23.11	1.5	PERIOD	CSTN	43824
599240	4133640	7.87609	23.17	23.17	1.5	PERIOD	CSTN	43824
599260	4133640	7.976	23.52	23.52	1.5	PERIOD	CSTN	43824
599280	4133640	7.97434	23.67	23.67	1.5	PERIOD	CSTN	43824
599300	4133640	7.91905	23.56	23.56	1.5	PERIOD	CSTN	43824
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599340	4133640	7.51577	23.48	23.48	1.5	PERIOD	CSTN	43824
599360	4133640	7.07223	23.61	23.61	1.5	PERIOD	CSTN	43824
599460	4133640	3.5923	24.27	24.27	1.5	PERIOD	CSTN	43824
599480	4133640	3.23244	24.35	24.35	1.5	PERIOD	CSTN	43824
599500	4133640	2.96156	24.97	24.97	1.5	PERIOD	CSTN	43824
599520	4133640	2.75176	25.64	25.64	1.5	PERIOD	CSTN	43824
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599560	4133640	2.43916	25.89	25.89	1.5	PERIOD	CSTN	43824
599580	4133640	2.29862	26.07	26.07	1.5	PERIOD	CSTN	43824
599600	4133640	2.16338	26.33	26.33	1.5	PERIOD	CSTN	43824
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599640	4133640	1.91521	26.56	26.56	1.5	PERIOD	CSTN	43824
599660	4133640	1.79988	26.7	26.7	1.5	PERIOD	CSTN	43824
599140	4133660	5.47324	23.22	23.22	1.5	PERIOD	CSTN	43824
599160	4133660	5.81235	23.22	23.22	1.5	PERIOD	CSTN	43824
599180	4133660	6.10474	23.13	23.13	1.5	PERIOD	CSTN	43824
599200	4133660	6.33396	23.09	23.09	1.5	PERIOD	CSTN	43824
599220	4133660	6.48803	23.02	23.02	1.5	PERIOD	CSTN	43824
599240	4133660	6.56996	23.19	23.19	1.5	PERIOD	CSTN	43824
599260	4133660	6.58455	23.45	23.45	1.5	PERIOD	CSTN	43824
599280	4133660	6.5438	23.63	23.63	1.5	PERIOD	CSTN	43824
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599320	4133660	6.34139	23.42	23.42	1.5	PERIOD	CSTN	43824
599340	4133660	6.11823	23.43	23.43	1.5	PERIOD	CSTN	43824
599360	4133660	5.74736	23.83	23.83	1.5	PERIOD	CSTN	43824
599380	4133660	5.24832	23.91	23.91	1.5	PERIOD	CSTN	43824
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599460	4133660	3.07201	24.29	24.29	1.5	PERIOD	CSTN	43824
599480	4133660	2.76844	24.39	24.39	1.5	PERIOD	CSTN	43824
599500	4133660	2.53806	25.08	25.08	1.5	PERIOD	CSTN	43824
599520	4133660	2.3688	25.57	25.57	1.5	PERIOD	CSTN	43824
599540	4133660	2.23772	25.68	25.68	1.5	PERIOD	CSTN	43824
599560	4133660	2.12421	25.69	25.69	1.5	PERIOD	CSTN	43824
599580	4133660	2.01309	26.09	26.09	1.5	PERIOD	CSTN	43824
599600	4133660	1.90839	26.44	26.44	1.5	PERIOD	CSTN	43824
599620	4133660	1.80996	26.63	26.63	1.5	PERIOD	CSTN	43824
599640	4133660	1.7175	26.61	26.61	1.5	PERIOD	CSTN	43824
599160	4133680	5.15556	23.09	23.09	1.5	PERIOD	CSTN	43824
599180	4133680	5.32803	23.05	23.05	1.5	PERIOD	CSTN	43824
599200	4133680	5.44156	22.9	22.9	1.5	PERIOD	CSTN	43824
599220	4133680	5.50813	22.96	22.96	1.5	PERIOD	CSTN	43824
599240	4133680	5.52783	23.17	23.17	1.5	PERIOD	CSTN	43824
599260	4133680	5.50692	23.28	23.28	1.5	PERIOD	CSTN	43824
599280	4133680	5.45949	23.35	23.35	1.5	PERIOD	CSTN	43824
599300	4133680	5.38525	23.37	23.37	1.5	PERIOD	CSTN	43824
599320	4133680	5.26763	23.28	23.28	1.5	PERIOD	CSTN	43824
599340	4133680	5.07391	23.59	23.59	1.5	PERIOD	CSTN	43824
599360	4133680	4.77385	23.82	23.82	1.5	PERIOD	CSTN	43824
599380	4133680	4.36853	24.18	24.18	1.5	PERIOD	CSTN	43824

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599440	4133680	3.00934	24.2	24.2	1.5	PERIOD	CSTN	43824
599460	4133680	2.66074	24.39	24.39	1.5	PERIOD	CSTN	43824
599480	4133680	2.40117	24.57	24.57	1.5	PERIOD	CSTN	43824
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599540	4133680	1.95563	25.48	25.48	1.5	PERIOD	CSTN	43824
599560	4133680	1.85955	25.78	25.78	1.5	PERIOD	CSTN	43824
599580	4133680	1.77138	26.21	26.21	1.5	PERIOD	CSTN	43824
599600	4133680	1.68714	26.78	26.78	1.5	PERIOD	CSTN	43824
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599220	4133700	4.70922	22.99	22.99	1.5	PERIOD	CSTN	43824
599240	4133700	4.69632	23.01	23.01	1.5	PERIOD	CSTN	43824
599260	4133700	4.66445	23.23	23.23	1.5	PERIOD	CSTN	43824
599280	4133700	4.61703	23.29	23.29	1.5	PERIOD	CSTN	43824
599300	4133700	4.5495	23.26	23.26	1.5	PERIOD	CSTN	43824
599320	4133700	4.4445	23.33	23.33	1.5	PERIOD	CSTN	43824
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599380	4133700	3.70103	24.25	24.25	1.5	PERIOD	CSTN	43824
599400	4133700	3.33557	24.31	24.31	1.5	PERIOD	CSTN	43824
599420	4133700	2.96395	24.23	24.23	1.5	PERIOD	CSTN	43824
599440	4133700	2.61502	24.47	24.47	1.5	PERIOD	CSTN	43824
599460	4133700	2.32759	24.63	24.63	1.5	PERIOD	CSTN	43824
599480	4133700	2.10605	24.82	24.82	1.5	PERIOD	CSTN	43824
599500	4133700	1.93925	25.18	25.18	1.5	PERIOD	CSTN	43824
599520	4133700	1.81611	25.43	25.43	1.5	PERIOD	CSTN	43824
599540	4133700	1.72288	25.45	25.45	1.5	PERIOD	CSTN	43824
599560	4133700	1.64309	25.68	25.68	1.5	PERIOD	CSTN	43824
599580	4133700	1.56703	26.46	26.46	1.5	PERIOD	CSTN	43824
599600	4133700	1.49992	26.99	26.99	1.5	PERIOD	CSTN	43824
599200	4133720	4.06346	22.89	22.89	1.5	PERIOD	CSTN	43824
599220	4133720	4.05696	23.01	23.01	1.5	PERIOD	CSTN	43824
599240	4133720	4.03297	23.07	23.07	1.5	PERIOD	CSTN	43824
599260	4133720	3.99853	23.21	23.21	1.5	PERIOD	CSTN	43824
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599320	4133720	3.80007	23.53	23.53	1.5	PERIOD	CSTN	43824
599340	4133720	3.65235	23.71	23.71	1.5	PERIOD	CSTN	43824
599360	4133720	3.43772	24.18	24.18	1.5	PERIOD	CSTN	43824
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599420	4133720	2.58337	24.31	24.31	1.5	PERIOD	CSTN	43824
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599460	4133720	2.06014	24.63	24.63	1.5	PERIOD	CSTN	43824
599480	4133720	1.86744	24.96	24.96	1.5	PERIOD	CSTN	43824
599500	4133720	1.72369	25.12	25.12	1.5	PERIOD	CSTN	43824
599520	4133720	1.614	25.39	25.39	1.5	PERIOD	CSTN	43824
599540	4133720	1.53028	25.53	25.53	1.5	PERIOD	CSTN	43824
599560	4133720	1.45893	26.01	26.01	1.5	PERIOD	CSTN	43824
599580	4133720	1.39598	26.67	26.67	1.5	PERIOD	CSTN	43824
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599280	4133740	3.42655	23.16	23.16	1.5	PERIOD	CSTN	43824
599300	4133740	3.37146	23.39	23.39	1.5	PERIOD	CSTN	43824

599320	4133740	3.28443	23.66	23.66	1.5	PERIOD	CSTN	43824
599340	4133740	3.15055	24.05	24.05	1.5	PERIOD	CSTN	43824
599360	4133740	2.97508	24.24	24.24	1.5	PERIOD	CSTN	43824
599380	4133740	2.763	24.19	24.19	1.5	PERIOD	CSTN	43824
599400	4133740	2.52212	24.22	24.22	1.5	PERIOD	CSTN	43824
599420	4133740	2.26862	24.62	24.62	1.5	PERIOD	CSTN	43824
599440	4133740	2.03541	24.77	24.77	1.5	PERIOD	CSTN	43824
599460	4133740	1.83286	24.97	24.97	1.5	PERIOD	CSTN	43824
599480	4133740	1.67169	24.95	24.95	1.5	PERIOD	CSTN	43824
599500	4133740	1.54164	25.37	25.37	1.5	PERIOD	CSTN	43824
599520	4133740	1.44532	25.49	25.49	1.5	PERIOD	CSTN	43824
599540	4133740	1.37037	25.63	25.63	1.5	PERIOD	CSTN	43824
599260	4133760	3.03303	23.23	23.23	1.5	PERIOD	CSTN	43824
599280	4133760	2.9985	23.22	23.22	1.5	PERIOD	CSTN	43824
599300	4133760	2.94666	23.62	23.62	1.5	PERIOD	CSTN	43824
599320	4133760	2.86885	23.72	23.72	1.5	PERIOD	CSTN	43824
599340	4133760	2.75312	24.02	24.02	1.5	PERIOD	CSTN	43824
599360	4133760	2.60321	24.18	24.18	1.5	PERIOD	CSTN	43824
599380	4133760	2.42454	24.15	24.15	1.5	PERIOD	CSTN	43824
599400	4133760	2.2212	24.39	24.39	1.5	PERIOD	CSTN	43824
599420	4133760	2.01237	24.71	24.71	1.5	PERIOD	CSTN	43824
599440	4133760	1.8145	25.08	25.08	1.5	PERIOD	CSTN	43824
599460	4133760	1.64499	25.11	25.11	1.5	PERIOD	CSTN	43824
599480	4133760	1.50384	25.22	25.22	1.5	PERIOD	CSTN	43824
599500	4133760	1.39259	25.28	25.28	1.5	PERIOD	CSTN	43824
599340	4133780	2.42668	24.03	24.03	1.5	PERIOD	CSTN	43824
599360	4133780	2.29848	24.09	24.09	1.5	PERIOD	CSTN	43824
599380	4133780	2.14505	24.17	24.17	1.5	PERIOD	CSTN	43824
599400	4133780	1.97054	24.68	24.68	1.5	PERIOD	CSTN	43824
599420	4133780	1.7964	24.93	24.93	1.5	PERIOD	CSTN	43824
599440	4133780	1.63163	25.12	25.12	1.5	PERIOD	CSTN	43824

** CONCUNIT ug/ m^3
** DEPUNIT g/m^ 2

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*  AERMOD (21112 ): C:\Model\S anJoseFireSta tions\FS-8 _AERMOD\FS -8_AERM OD.isc                          2/8/2022
*  AERMET ( 1808 1):                                                                                       23:00:09
*  MODELING OPTI ONS USED:  Re gDFAULT  CONC ELEV  FL GPOL  URBA N  ADJ_ U*
*  PLOT          FILE OF PERIOD VALUES AVERA GED ACROSS 0 YEARS FOR SO URCE GRO UP: EDG
*  FOR A         TOTAL OF   73 1 RECEPTORS.
*  FORMA         T: (3(1X,F13.5 ),3(1X,F8.2), 2X,A6,2X,A 8,2X,I8.8, 2X,A8)
*  X             Y              AVERAGE CONC ZELEV      ZHILL      ZFLAG  AVE    GRP      NUM HRS  NET ID
*  ____________  ____________   ____________ ______   ______     ______ ______ ________ ________ ________
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599280	4133140	0.5647	25.98	25.98	1.5	PERIOD	EDG		43824
599300	4133140	0.60059	25.97	25.97	1.5	PERIOD	EDG		43824
599320	4133140	0.63782	25.97	25.97	1.5	PERIOD	EDG		43824
599340	4133140	0.66419	26.14	26.14	1.5	PERIOD	EDG		43824
599360	4133140	0.69094	26.04	26.04	1.5	PERIOD	EDG		43824
599380	4133140	0.73253	26.05	26.05	1.5	PERIOD	EDG		43824
599400	4133140	0.78466	26.02	26.02	1.5	PERIOD	EDG		43824
599420	4133140	0.89921	25.97	25.97	1.5	PERIOD	EDG		43824
599440	4133140	1.06128	25.97	25.97	1.5	PERIOD	EDG		43824
599460	4133140	1.20637	26.12	26.12	1.5	PERIOD	EDG		43824
599480	4133140	1.42022	26.25	26.25	1.5	PERIOD	EDG		43824
599240	4133160	0.54558	25.76	25.76	1.5	PERIOD	EDG		43824
599260	4133160	0.56774	25.86	25.86	1.5	PERIOD	EDG		43824
599280	4133160	0.5863	25.9	25.9	1.5	PERIOD	EDG		43824
599300	4133160	0.62429	25.78	25.78	1.5	PERIOD	EDG		43824
599320	4133160	0.66164	25.87	25.87	1.5	PERIOD	EDG		43824
599340	4133160	0.69413	26.08	26.08	1.5	PERIOD	EDG		43824
599360	4133160	0.72611	26.05	26.05	1.5	PERIOD	EDG		43824
599380	4133160	0.77133	26.08	26.08	1.5	PERIOD	EDG		43824
599400	4133160	0.8308	25.86	25.86	1.5	PERIOD	EDG		43824
599420	4133160	0.96612	25.81	25.81	1.5	PERIOD	EDG		43824
599440	4133160	1.12578	25.95	25.95	1.5	PERIOD	EDG		43824
599460	4133160	1.31533	26.12	26.12	1.5	PERIOD	EDG		43824
599480	4133160	1.58339	26.12	26.12	1.5	PERIOD	EDG		43824
599500	4133160	2.01249	26.28	26.28	1.5	PERIOD	EDG		43824
599520	4133160	2.69657	26.22	26.22	1.5	PERIOD	EDG		43824
599540	4133160	3.37262	26.15	26.15	1.5	PERIOD	EDG		43824
599200	4133180	0.53158	25.48	25.48	1.5	PERIOD	EDG		43824
599220	4133180	0.54193	25.64	25.64	1.5	PERIOD	EDG		43824
599240	4133180	0.56581	25.57	25.57	1.5	PERIOD	EDG		43824
599260	4133180	0.59408	25.54	25.54	1.5	PERIOD	EDG		43824
599280	4133180	0.61026	25.51	25.51	1.5	PERIOD	EDG		43824
599300	4133180	0.65175	25.61	25.61	1.5	PERIOD	EDG		43824
599320	4133180	0.69812	25.79	25.79	1.5	PERIOD	EDG		43824
599340	4133180	0.72525	25.92	25.92	1.5	PERIOD	EDG		43824
599360	4133180	0.7668	25.88	25.88	1.5	PERIOD	EDG		43824
599380	4133180	0.81631	25.91	25.91	1.5	PERIOD	EDG		43824
599400	4133180	0.8953	25.68	25.68	1.5	PERIOD	EDG		43824
599420	4133180	1.02269	25.77	25.77	1.5	PERIOD	EDG		43824
599440	4133180	1.22556	25.83	25.83	1.5	PERIOD	EDG		43824
599460	4133180	1.44823	25.97	25.97	1.5	PERIOD	EDG		43824
599480	4133180	1.801	26.13	26.13	1.5	PERIOD	EDG		43824
599500	4133180	2.42086	26.05	26.05	1.5	PERIOD	EDG		43824
599520	4133180	3.18754	26.05	26.05	1.5	PERIOD	EDG		43824
599540	4133180	3.94753	26.27	26.27	1.5	PERIOD	EDG		43824
599560	4133180	4.64544	26.28	26.28	1.5	PERIOD	EDG		43824
599180	4133200	0.54289	25.38	25.38	1.5	PERIOD	EDG		43824
599200	4133200	0.54779	25.34	25.34	1.5	PERIOD	EDG		43824
599220	4133200	0.5718	25.54	25.54	1.5	PERIOD	EDG		43824
599240	4133200	0.58878	25.42	25.42	1.5	PERIOD	EDG		43824
599260	4133200	0.62485	25.3	25.3	1.5	PERIOD	EDG		43824

599280	4133200	0.64377	25.39	25.39	1.5	PERIOD	EDG	43824
599300	4133200	0.6819	25.51	25.51	1.5	PERIOD	EDG	43824
599320	4133200	0.73132	25.72	25.72	1.5	PERIOD	EDG	43824
599340	4133200	0.76989	25.68	25.68	1.5	PERIOD	EDG	43824
599360	4133200	0.81741	25.79	25.79	1.5	PERIOD	EDG	43824
599380	4133200	0.86921	25.71	25.71	1.5	PERIOD	EDG	43824
599400	4133200	0.95715	25.54	25.54	1.5	PERIOD	EDG	43824
599420	4133200	1.10883	25.82	25.82	1.5	PERIOD	EDG	43824
599440	4133200	1.33672	25.88	25.88	1.5	PERIOD	EDG	43824
599460	4133200	1.62448	25.81	25.81	1.5	PERIOD	EDG	43824
599480	4133200	2.12856	25.89	25.89	1.5	PERIOD	EDG	43824
599500	4133200	2.91714	25.9	25.9	1.5	PERIOD	EDG	43824
599520	4133200	3.76117	26.03	26.03	1.5	PERIOD	EDG	43824
599540	4133200	4.63678	26.34	26.34	1.5	PERIOD	EDG	43824
599560	4133200	5.25834	26.36	26.36	1.5	PERIOD	EDG	43824
599580	4133200	5.57234	26.34	26.34	1.5	PERIOD	EDG	43824
599600	4133200	5.76779	26.21	26.21	1.5	PERIOD	EDG	43824
599160	4133220	0.5488	25.22	25.22	1.5	PERIOD	EDG	43824
599180	4133220	0.56807	25.34	25.34	1.5	PERIOD	EDG	43824
599200	4133220	0.58536	25.28	25.28	1.5	PERIOD	EDG	43824
599220	4133220	0.59756	25.39	25.39	1.5	PERIOD	EDG	43824
599240	4133220	0.62178	25.3	25.3	1.5	PERIOD	EDG	43824
599260	4133220	0.64949	25.14	25.14	1.5	PERIOD	EDG	43824
599280	4133220	0.68737	25.22	25.22	1.5	PERIOD	EDG	43824
599300	4133220	0.72088	25.48	25.48	1.5	PERIOD	EDG	43824
599320	4133220	0.77134	25.54	25.54	1.5	PERIOD	EDG	43824
599340	4133220	0.81896	25.56	25.56	1.5	PERIOD	EDG	43824
599360	4133220	0.87601	25.63	25.63	1.5	PERIOD	EDG	43824
599380	4133220	0.94319	25.4	25.4	1.5	PERIOD	EDG	43824
599400	4133220	1.02824	25.59	25.59	1.5	PERIOD	EDG	43824
599420	4133220	1.21861	25.71	25.71	1.5	PERIOD	EDG	43824
599440	4133220	1.46733	25.85	25.85	1.5	PERIOD	EDG	43824
599460	4133220	1.84959	25.9	25.9	1.5	PERIOD	EDG	43824
599480	4133220	2.55062	25.78	25.78	1.5	PERIOD	EDG	43824
599500	4133220	3.46541	25.89	25.89	1.5	PERIOD	EDG	43824
599520	4133220	4.51665	25.93	25.93	1.5	PERIOD	EDG	43824
599540	4133220	5.32892	26.08	26.08	1.5	PERIOD	EDG	43824
599560	4133220	5.98715	25.98	25.98	1.5	PERIOD	EDG	43824
599580	4133220	6.23222	26.23	26.23	1.5	PERIOD	EDG	43824
599600	4133220	6.13642	25.89	25.89	1.5	PERIOD	EDG	43824
599620	4133220	6.26383	26.06	26.06	1.5	PERIOD	EDG	43824
599140	4133240	0.55349	24.91	24.91	1.5	PERIOD	EDG	43824
599160	4133240	0.57241	25.22	25.22	1.5	PERIOD	EDG	43824
599180	4133240	0.59394	25.33	25.33	1.5	PERIOD	EDG	43824
599200	4133240	0.61933	25.1	25.1	1.5	PERIOD	EDG	43824
599220	4133240	0.63594	25.19	25.19	1.5	PERIOD	EDG	43824
599240	4133240	0.65847	25.05	25.05	1.5	PERIOD	EDG	43824
599260	4133240	0.69185	24.99	24.99	1.5	PERIOD	EDG	43824
599280	4133240	0.73132	25.22	25.22	1.5	PERIOD	EDG	43824
599300	4133240	0.76571	25.35	25.35	1.5	PERIOD	EDG	43824
599320	4133240	0.81968	25.53	25.53	1.5	PERIOD	EDG	43824
599340	4133240	0.88076	25.48	25.48	1.5	PERIOD	EDG	43824
599360	4133240	0.94212	25.3	25.3	1.5	PERIOD	EDG	43824
599380	4133240	1.01854	25.39	25.39	1.5	PERIOD	EDG	43824
599400	4133240	1.13123	25.64	25.64	1.5	PERIOD	EDG	43824
599420	4133240	1.34617	25.66	25.66	1.5	PERIOD	EDG	43824
599440	4133240	1.65348	25.74	25.74	1.5	PERIOD	EDG	43824
599460	4133240	2.18435	25.79	25.79	1.5	PERIOD	EDG	43824
599480	4133240	3.17745	25.67	25.67	1.5	PERIOD	EDG	43824

599500	4133240	4.25208	25.99	25.99	1.5	PERIOD	EDG	43824
599520	4133240	5.40111	25.79	25.79	1.5	PERIOD	EDG	43824
599540	4133240	6.2461	25.76	25.76	1.5	PERIOD	EDG	43824
599560	4133240	6.68381	25.99	25.99	1.5	PERIOD	EDG	43824
599580	4133240	6.71392	26.03	26.03	1.5	PERIOD	EDG	43824
599600	4133240	6.78382	25.82	25.82	1.5	PERIOD	EDG	43824
599620	4133240	6.72565	26.22	26.22	1.5	PERIOD	EDG	43824
599640	4133240	6.51975	26.3	26.3	1.5	PERIOD	EDG	43824
599120	4133260	0.56653	24.93	24.93	1.5	PERIOD	EDG	43824
599140	4133260	0.58124	24.83	24.83	1.5	PERIOD	EDG	43824
599160	4133260	0.60163	24.87	24.87	1.5	PERIOD	EDG	43824
599180	4133260	0.62223	24.94	24.94	1.5	PERIOD	EDG	43824
599200	4133260	0.65392	24.85	24.85	1.5	PERIOD	EDG	43824
599220	4133260	0.68115	24.88	24.88	1.5	PERIOD	EDG	43824
599240	4133260	0.71074	24.85	24.85	1.5	PERIOD	EDG	43824
599260	4133260	0.73729	24.93	24.93	1.5	PERIOD	EDG	43824
599280	4133260	0.77592	25.08	25.08	1.5	PERIOD	EDG	43824
599300	4133260	0.82553	25.2	25.2	1.5	PERIOD	EDG	43824
599320	4133260	0.88519	25.36	25.36	1.5	PERIOD	EDG	43824
599340	4133260	0.95669	25.34	25.34	1.5	PERIOD	EDG	43824
599360	4133260	1.02739	25.18	25.18	1.5	PERIOD	EDG	43824
599380	4133260	1.11738	25.46	25.46	1.5	PERIOD	EDG	43824
599400	4133260	1.24285	25.47	25.47	1.5	PERIOD	EDG	43824
599420	4133260	1.49935	25.42	25.42	1.5	PERIOD	EDG	43824
599440	4133260	1.91039	25.48	25.48	1.5	PERIOD	EDG	43824
599460	4133260	2.69025	25.48	25.48	1.5	PERIOD	EDG	43824
599480	4133260	3.90216	25.61	25.61	1.5	PERIOD	EDG	43824
599500	4133260	5.2529	25.85	25.85	1.5	PERIOD	EDG	43824
599520	4133260	6.34543	25.83	25.83	1.5	PERIOD	EDG	43824
599540	4133260	7.11203	25.81	25.81	1.5	PERIOD	EDG	43824
599560	4133260	7.18043	25.74	25.74	1.5	PERIOD	EDG	43824
599580	4133260	7.45263	25.73	25.73	1.5	PERIOD	EDG	43824
599600	4133260	7.29869	25.95	25.95	1.5	PERIOD	EDG	43824
599620	4133260	7.06994	26.23	26.23	1.5	PERIOD	EDG	43824
599640	4133260	6.83294	26.32	26.32	1.5	PERIOD	EDG	43824
599120	4133280	0.60526	24.73	24.73	1.5	PERIOD	EDG	43824
599140	4133280	0.61679	24.7	24.7	1.5	PERIOD	EDG	43824
599160	4133280	0.63611	24.63	24.63	1.5	PERIOD	EDG	43824
599180	4133280	0.6608	24.53	24.53	1.5	PERIOD	EDG	43824
599200	4133280	0.68257	24.85	24.85	1.5	PERIOD	EDG	43824
599220	4133280	0.72571	24.65	24.65	1.5	PERIOD	EDG	43824
599240	4133280	0.76709	24.66	24.66	1.5	PERIOD	EDG	43824
599260	4133280	0.79751	25.03	25.03	1.5	PERIOD	EDG	43824
599280	4133280	0.83891	25.06	25.06	1.5	PERIOD	EDG	43824
599300	4133280	0.89655	25.11	25.11	1.5	PERIOD	EDG	43824
599320	4133280	0.96636	25.13	25.13	1.5	PERIOD	EDG	43824
599340	4133280	1.0618	24.99	24.99	1.5	PERIOD	EDG	43824
599360	4133280	1.13718	25.16	25.16	1.5	PERIOD	EDG	43824
599380	4133280	1.25336	25.36	25.36	1.5	PERIOD	EDG	43824
599400	4133280	1.40928	25.5	25.5	1.5	PERIOD	EDG	43824
599420	4133280	1.74093	25.28	25.28	1.5	PERIOD	EDG	43824
599440	4133280	2.27943	25.29	25.29	1.5	PERIOD	EDG	43824
599460	4133280	3.45753	25.38	25.38	1.5	PERIOD	EDG	43824
599480	4133280	4.95494	25.65	25.65	1.5	PERIOD	EDG	43824
599500	4133280	6.42702	25.79	25.79	1.5	PERIOD	EDG	43824
599520	4133280	7.55245	25.91	25.91	1.5	PERIOD	EDG	43824
599540	4133280	8.01282	25.83	25.83	1.5	PERIOD	EDG	43824
599560	4133280	8.01788	25.75	25.75	1.5	PERIOD	EDG	43824
599580	4133280	7.97774	25.73	25.73	1.5	PERIOD	EDG	43824

599600	4133280	7.91165	25.82	25.82	1.5	PERIOD	EDG	43824
599620	4133280	7.44053	25.98	25.98	1.5	PERIOD	EDG	43824
599640	4133280	7.57107	26.36	26.36	1.5	PERIOD	EDG	43824
599660	4133280	7.29397	26.36	26.36	1.5	PERIOD	EDG	43824
599100	4133300	0.65381	24.46	24.46	1.5	PERIOD	EDG	43824
599120	4133300	0.65112	24.88	24.88	1.5	PERIOD	EDG	43824
599140	4133300	0.65824	24.93	24.93	1.5	PERIOD	EDG	43824
599160	4133300	0.68464	24.54	24.54	1.5	PERIOD	EDG	43824
599180	4133300	0.70853	24.55	24.55	1.5	PERIOD	EDG	43824
599200	4133300	0.7392	24.46	24.46	1.5	PERIOD	EDG	43824
599220	4133300	0.77326	24.52	24.52	1.5	PERIOD	EDG	43824
599240	4133300	0.82083	24.62	24.62	1.5	PERIOD	EDG	43824
599260	4133300	0.87074	24.82	24.82	1.5	PERIOD	EDG	43824
599280	4133300	0.92458	25.12	25.12	1.5	PERIOD	EDG	43824
599300	4133300	0.98754	24.99	24.99	1.5	PERIOD	EDG	43824
599320	4133300	1.06254	24.93	24.93	1.5	PERIOD	EDG	43824
599340	4133300	1.17263	24.85	24.85	1.5	PERIOD	EDG	43824
599360	4133300	1.26546	25.16	25.16	1.5	PERIOD	EDG	43824
599380	4133300	1.41398	25.23	25.23	1.5	PERIOD	EDG	43824
599400	4133300	1.60058	25.29	25.29	1.5	PERIOD	EDG	43824
599420	4133300	2.02335	25.26	25.26	1.5	PERIOD	EDG	43824
599440	4133300	2.88177	25.2	25.2	1.5	PERIOD	EDG	43824
599460	4133300	4.52284	25.32	25.32	1.5	PERIOD	EDG	43824
599480	4133300	6.33251	25.54	25.54	1.5	PERIOD	EDG	43824
599500	4133300	7.79058	25.81	25.81	1.5	PERIOD	EDG	43824
599520	4133300	8.74657	25.85	25.85	1.5	PERIOD	EDG	43824
599540	4133300	8.92608	25.65	25.65	1.5	PERIOD	EDG	43824
599560	4133300	8.89701	25.56	25.56	1.5	PERIOD	EDG	43824
599580	4133300	8.59275	26.12	26.12	1.5	PERIOD	EDG	43824
599600	4133300	8.53637	26.04	26.04	1.5	PERIOD	EDG	43824
599620	4133300	8.4296	26.02	26.02	1.5	PERIOD	EDG	43824
599640	4133300	8.13057	26.1	26.1	1.5	PERIOD	EDG	43824
599660	4133300	8.15487	26.22	26.22	1.5	PERIOD	EDG	43824
599680	4133300	7.60194	26.21	26.21	1.5	PERIOD	EDG	43824
599100	4133320	0.6987	24.44	24.44	1.5	PERIOD	EDG	43824
599120	4133320	0.7104	24.75	24.75	1.5	PERIOD	EDG	43824
599140	4133320	0.72746	24.98	24.98	1.5	PERIOD	EDG	43824
599160	4133320	0.74319	24.85	24.85	1.5	PERIOD	EDG	43824
599180	4133320	0.76295	24.47	24.47	1.5	PERIOD	EDG	43824
599200	4133320	0.79605	24.41	24.41	1.5	PERIOD	EDG	43824
599220	4133320	0.84076	24.5	24.5	1.5	PERIOD	EDG	43824
599240	4133320	0.89121	24.43	24.43	1.5	PERIOD	EDG	43824
599260	4133320	0.95102	24.63	24.63	1.5	PERIOD	EDG	43824
599280	4133320	1.02557	24.74	24.74	1.5	PERIOD	EDG	43824
599300	4133320	1.10382	24.81	24.81	1.5	PERIOD	EDG	43824
599340	4133320	1.32065	24.81	24.81	1.5	PERIOD	EDG	43824
599360	4133320	1.44567	24.93	24.93	1.5	PERIOD	EDG	43824
599380	4133320	1.61873	25.15	25.15	1.5	PERIOD	EDG	43824
599400	4133320	1.87884	25.08	25.08	1.5	PERIOD	EDG	43824
599420	4133320	2.44203	25.2	25.2	1.5	PERIOD	EDG	43824
599440	4133320	3.80996	25.1	25.1	1.5	PERIOD	EDG	43824
599460	4133320	5.97502	25.37	25.37	1.5	PERIOD	EDG	43824
599480	4133320	8.08356	25.41	25.41	1.5	PERIOD	EDG	43824
599500	4133320	9.52769	25.7	25.7	1.5	PERIOD	EDG	43824
599520	4133320	9.81686	25.65	25.65	1.5	PERIOD	EDG	43824
599540	4133320	10.00076	25.45	25.45	1.5	PERIOD	EDG	43824
599560	4133320	9.77757	25.72	25.72	1.5	PERIOD	EDG	43824
599580	4133320	9.78682	26.06	26.06	1.5	PERIOD	EDG	43824
599600	4133320	9.50002	26.08	26.08	1.5	PERIOD	EDG	43824

599620	4133320	9.14729	26.28	26.28	1.5	PERIOD	EDG	43824
599640	4133320	8.95762	26.24	26.24	1.5	PERIOD	EDG	43824
599660	4133320	8.95029	26.13	26.13	1.5	PERIOD	EDG	43824
599680	4133320	8.36596	26.27	26.27	1.5	PERIOD	EDG	43824
599080	4133340	0.75363	24.19	24.19	1.5	PERIOD	EDG	43824
599100	4133340	0.7826	24.33	24.33	1.5	PERIOD	EDG	43824
599120	4133340	0.8028	24.37	24.37	1.5	PERIOD	EDG	43824
599140	4133340	0.79612	24.58	24.58	1.5	PERIOD	EDG	43824
599160	4133340	0.81014	24.77	24.77	1.5	PERIOD	EDG	43824
599180	4133340	0.85054	24.22	24.22	1.5	PERIOD	EDG	43824
599200	4133340	0.8855	24.11	24.11	1.5	PERIOD	EDG	43824
599220	4133340	0.93025	23.99	23.99	1.5	PERIOD	EDG	43824
599240	4133340	0.98664	24.45	24.45	1.5	PERIOD	EDG	43824
599260	4133340	1.06163	24.46	24.46	1.5	PERIOD	EDG	43824
599280	4133340	1.15067	24.51	24.51	1.5	PERIOD	EDG	43824
599360	4133340	1.66698	24.86	24.86	1.5	PERIOD	EDG	43824
599420	4133340	3.15231	24.96	24.96	1.5	PERIOD	EDG	43824
599440	4133340	5.40739	25.13	25.13	1.5	PERIOD	EDG	43824
599460	4133340	8.067	25.38	25.38	1.5	PERIOD	EDG	43824
599480	4133340	10.24967	25.44	25.44	1.5	PERIOD	EDG	43824
599500	4133340	11.19911	25.59	25.59	1.5	PERIOD	EDG	43824
599520	4133340	11.66388	25.48	25.48	1.5	PERIOD	EDG	43824
599540	4133340	11.38631	25.44	25.44	1.5	PERIOD	EDG	43824
599560	4133340	11.67937	25.79	25.79	1.5	PERIOD	EDG	43824
599580	4133340	11.03422	25.87	25.87	1.5	PERIOD	EDG	43824
599600	4133340	10.7468	26.03	26.03	1.5	PERIOD	EDG	43824
599620	4133340	10.64265	26.16	26.16	1.5	PERIOD	EDG	43824
599640	4133340	9.95703	26.02	26.02	1.5	PERIOD	EDG	43824
599660	4133340	9.28228	26.19	26.19	1.5	PERIOD	EDG	43824
599680	4133340	8.45789	26.28	26.28	1.5	PERIOD	EDG	43824
599080	4133360	0.83908	24.4	24.4	1.5	PERIOD	EDG	43824
599100	4133360	0.86422	24.26	24.26	1.5	PERIOD	EDG	43824
599120	4133360	0.8822	24.31	24.31	1.5	PERIOD	EDG	43824
599140	4133360	0.90392	24.33	24.33	1.5	PERIOD	EDG	43824
599160	4133360	0.9294	24.23	24.23	1.5	PERIOD	EDG	43824
599180	4133360	0.97148	24	24	1.5	PERIOD	EDG	43824
599200	4133360	1.00325	23.72	23.72	1.5	PERIOD	EDG	43824
599220	4133360	1.04983	23.86	23.86	1.5	PERIOD	EDG	43824
599240	4133360	1.12572	23.91	23.91	1.5	PERIOD	EDG	43824
599420	4133360	4.34723	24.89	24.89	1.5	PERIOD	EDG	43824
599440	4133360	7.62491	25.19	25.19	1.5	PERIOD	EDG	43824
599460	4133360	10.80012	25.34	25.34	1.5	PERIOD	EDG	43824
599480	4133360	12.77794	25.44	25.44	1.5	PERIOD	EDG	43824
599500	4133360	13.74907	25.47	25.47	1.5	PERIOD	EDG	43824
599520	4133360	14.09214	25.3	25.3	1.5	PERIOD	EDG	43824
599540	4133360	13.80206	25.75	25.75	1.5	PERIOD	EDG	43824
599560	4133360	13.22687	25.81	25.81	1.5	PERIOD	EDG	43824
599580	4133360	12.98775	25.88	25.88	1.5	PERIOD	EDG	43824
599600	4133360	12.44171	25.98	25.98	1.5	PERIOD	EDG	43824
599620	4133360	11.18828	26.03	26.03	1.5	PERIOD	EDG	43824
599640	4133360	10.00587	26	26	1.5	PERIOD	EDG	43824
599660	4133360	8.92642	26.3	26.3	1.5	PERIOD	EDG	43824
599680	4133360	7.94557	26.36	26.36	1.5	PERIOD	EDG	43824
599700	4133360	6.90724	26.62	26.62	1.5	PERIOD	EDG	43824
599080	4133380	0.95312	24.28	24.28	1.5	PERIOD	EDG	43824
599100	4133380	0.96809	24.36	24.36	1.5	PERIOD	EDG	43824
599120	4133380	0.99248	24.22	24.22	1.5	PERIOD	EDG	43824
599140	4133380	1.01942	24.28	24.28	1.5	PERIOD	EDG	43824
599160	4133380	1.06677	23.89	23.89	1.5	PERIOD	EDG	43824

599180	4133380	1.105	23.91	23.91	1.5	PERIOD	EDG	43824
599200	4133380	1.14184	23.89	23.89	1.5	PERIOD	EDG	43824
599220	4133380	1.20012	24.46	24.46	1.5	PERIOD	EDG	43824
599440	4133380	11.16258	25.11	25.11	1.5	PERIOD	EDG	43824
599460	4133380	14.61434	25.19	25.19	1.5	PERIOD	EDG	43824
599480	4133380	16.47888	25.35	25.35	1.5	PERIOD	EDG	43824
599500	4133380	17.28023	25.22	25.22	1.5	PERIOD	EDG	43824
599520	4133380	17.01457	25.4	25.4	1.5	PERIOD	EDG	43824
599540	4133380	17.19033	25.69	25.69	1.5	PERIOD	EDG	43824
599560	4133380	15.56746	25.83	25.83	1.5	PERIOD	EDG	43824
599580	4133380	14.21939	25.93	25.93	1.5	PERIOD	EDG	43824
599600	4133380	12.44583	26	26	1.5	PERIOD	EDG	43824
599620	4133380	10.85365	25.86	25.86	1.5	PERIOD	EDG	43824
599640	4133380	9.43118	26.2	26.2	1.5	PERIOD	EDG	43824
599660	4133380	8.11406	26.4	26.4	1.5	PERIOD	EDG	43824
599680	4133380	6.90805	26.57	26.57	1.5	PERIOD	EDG	43824
599700	4133380	5.83422	26.59	26.59	1.5	PERIOD	EDG	43824
599060	4133400	1.0343	24.13	24.13	1.5	PERIOD	EDG	43824
599080	4133400	1.06789	24.14	24.14	1.5	PERIOD	EDG	43824
599100	4133400	1.09378	24.19	24.19	1.5	PERIOD	EDG	43824
599120	4133400	1.11519	24.2	24.2	1.5	PERIOD	EDG	43824
599140	4133400	1.16171	23.97	23.97	1.5	PERIOD	EDG	43824
599160	4133400	1.20401	23.71	23.71	1.5	PERIOD	EDG	43824
599180	4133400	1.25991	23.98	23.98	1.5	PERIOD	EDG	43824
599200	4133400	1.32327	24.34	24.34	1.5	PERIOD	EDG	43824
599220	4133400	1.40238	24.92	24.92	1.5	PERIOD	EDG	43824
599480	4133400	22.93277	25.21	25.21	1.5	PERIOD	EDG	43824
599500	4133400	23.11977	25.14	25.14	1.5	PERIOD	EDG	43824
599520	4133400	21.29514	25.51	25.51	1.5	PERIOD	EDG	43824
599540	4133400	18.70955	25.69	25.69	1.5	PERIOD	EDG	43824
599560	4133400	16.36223	25.8	25.8	1.5	PERIOD	EDG	43824
599580	4133400	13.67993	25.9	25.9	1.5	PERIOD	EDG	43824
599600	4133400	11.52882	25.79	25.79	1.5	PERIOD	EDG	43824
599620	4133400	9.75919	25.89	25.89	1.5	PERIOD	EDG	43824
599640	4133400	7.86712	26.19	26.19	1.5	PERIOD	EDG	43824
599660	4133400	6.51173	26.45	26.45	1.5	PERIOD	EDG	43824
599680	4133400	5.38334	26.71	26.71	1.5	PERIOD	EDG	43824
599700	4133400	4.6637	26.73	26.73	1.5	PERIOD	EDG	43824
599060	4133420	1.09944	24.09	24.09	1.5	PERIOD	EDG	43824
599080	4133420	1.1348	24.08	24.08	1.5	PERIOD	EDG	43824
599100	4133420	1.1897	24.02	24.02	1.5	PERIOD	EDG	43824
599120	4133420	1.24205	24.08	24.08	1.5	PERIOD	EDG	43824
599140	4133420	1.31209	23.58	23.58	1.5	PERIOD	EDG	43824
599160	4133420	1.35101	23.81	23.81	1.5	PERIOD	EDG	43824
599180	4133420	1.42953	23.97	23.97	1.5	PERIOD	EDG	43824
599200	4133420	1.52844	23.93	23.93	1.5	PERIOD	EDG	43824
599220	4133420	1.65704	24.06	24.06	1.5	PERIOD	EDG	43824
599240	4133420	1.79801	24	24	1.5	PERIOD	EDG	43824
599500	4133420	26.86742	25.24	25.24	1.5	PERIOD	EDG	43824
599520	4133420	22.28378	25.58	25.58	1.5	PERIOD	EDG	43824
599540	4133420	18.36	25.77	25.77	1.5	PERIOD	EDG	43824
599560	4133420	14.84209	25.87	25.87	1.5	PERIOD	EDG	43824
599580	4133420	12.0418	25.85	25.85	1.5	PERIOD	EDG	43824
599600	4133420	9.62248	25.73	25.73	1.5	PERIOD	EDG	43824
599620	4133420	7.54192	26.07	26.07	1.5	PERIOD	EDG	43824
599640	4133420	6.09626	26.28	26.28	1.5	PERIOD	EDG	43824
599660	4133420	4.94694	26.63	26.63	1.5	PERIOD	EDG	43824
599680	4133420	4.31168	26.63	26.63	1.5	PERIOD	EDG	43824
599700	4133420	3.794	26.59	26.59	1.5	PERIOD	EDG	43824

599060	4133440	1.19673	23.52	23.52	1.5	PERIOD	EDG	43824
599080	4133440	1.24771	23.72	23.72	1.5	PERIOD	EDG	43824
599100	4133440	1.30836	23.78	23.78	1.5	PERIOD	EDG	43824
599120	4133440	1.37595	23.41	23.41	1.5	PERIOD	EDG	43824
599140	4133440	1.44877	23.47	23.47	1.5	PERIOD	EDG	43824
599160	4133440	1.53189	23.87	23.87	1.5	PERIOD	EDG	43824
599180	4133440	1.64559	23.97	23.97	1.5	PERIOD	EDG	43824
599200	4133440	1.76326	24.14	24.14	1.5	PERIOD	EDG	43824
599220	4133440	1.92225	24	24	1.5	PERIOD	EDG	43824
599240	4133440	2.13873	23.69	23.69	1.5	PERIOD	EDG	43824
599260	4133440	2.39412	23.86	23.86	1.5	PERIOD	EDG	43824
599280	4133440	2.69891	24.13	24.13	1.5	PERIOD	EDG	43824
599480	4133440	50.83378	24.95	24.95	1.5	PERIOD	EDG	43824
599500	4133440	29.57931	25.34	25.34	1.5	PERIOD	EDG	43824
599520	4133440	20.25402	25.59	25.59	1.5	PERIOD	EDG	43824
599540	4133440	15.38258	25.71	25.71	1.5	PERIOD	EDG	43824
599560	4133440	11.94194	25.73	25.73	1.5	PERIOD	EDG	43824
599580	4133440	9.23685	25.59	25.59	1.5	PERIOD	EDG	43824
599600	4133440	7.03323	25.82	25.82	1.5	PERIOD	EDG	43824
599620	4133440	5.64432	26.1	26.1	1.5	PERIOD	EDG	43824
599640	4133440	4.58252	26.44	26.44	1.5	PERIOD	EDG	43824
599660	4133440	3.9886	26.51	26.51	1.5	PERIOD	EDG	43824
599680	4133440	3.36717	26.56	26.56	1.5	PERIOD	EDG	43824
599700	4133440	3.02763	26.58	26.58	1.5	PERIOD	EDG	43824
599060	4133460	1.3071	23.35	23.35	1.5	PERIOD	EDG	43824
599080	4133460	1.36484	23.26	23.26	1.5	PERIOD	EDG	43824
599100	4133460	1.41569	23.44	23.44	1.5	PERIOD	EDG	43824
599120	4133460	1.483	23.31	23.31	1.5	PERIOD	EDG	43824
599140	4133460	1.57036	23.52	23.52	1.5	PERIOD	EDG	43824
599160	4133460	1.71722	23.8	23.8	1.5	PERIOD	EDG	43824
599180	4133460	1.84115	23.9	23.9	1.5	PERIOD	EDG	43824
599200	4133460	2.02857	23.94	23.94	1.5	PERIOD	EDG	43824
599220	4133460	2.24625	23.7	23.7	1.5	PERIOD	EDG	43824
599240	4133460	2.53802	23.59	23.59	1.5	PERIOD	EDG	43824
599260	4133460	2.89085	23.79	23.79	1.5	PERIOD	EDG	43824
599480	4133460	45.58608	24.99	24.99	1.5	PERIOD	EDG	43824
599500	4133460	29.06669	25.18	25.18	1.5	PERIOD	EDG	43824
599520	4133460	15.66057	25.37	25.37	1.5	PERIOD	EDG	43824
599540	4133460	11.0951	25	25	1.5	PERIOD	EDG	43824
599560	4133460	7.88062	25.34	25.34	1.5	PERIOD	EDG	43824
599580	4133460	6.18945	25.58	25.58	1.5	PERIOD	EDG	43824
599600	4133460	4.9786	25.92	25.92	1.5	PERIOD	EDG	43824
599620	4133460	4.11859	26.2	26.2	1.5	PERIOD	EDG	43824
599640	4133460	3.60151	26.52	26.52	1.5	PERIOD	EDG	43824
599660	4133460	3.10763	26.51	26.51	1.5	PERIOD	EDG	43824
599680	4133460	2.78587	26.48	26.48	1.5	PERIOD	EDG	43824
599700	4133460	2.53589	26.69	26.69	1.5	PERIOD	EDG	43824
599060	4133480	1.45666	23.53	23.53	1.5	PERIOD	EDG	43824
599080	4133480	1.52235	23.38	23.38	1.5	PERIOD	EDG	43824
599100	4133480	1.61504	23.21	23.21	1.5	PERIOD	EDG	43824
599120	4133480	1.70314	23.17	23.17	1.5	PERIOD	EDG	43824
599140	4133480	1.84972	23.54	23.54	1.5	PERIOD	EDG	43824
599160	4133480	2.01336	23.67	23.67	1.5	PERIOD	EDG	43824
599180	4133480	2.14799	24.03	24.03	1.5	PERIOD	EDG	43824
599200	4133480	2.37748	23.83	23.83	1.5	PERIOD	EDG	43824
599220	4133480	2.73562	23.4	23.4	1.5	PERIOD	EDG	43824
599240	4133480	3.14647	23.67	23.67	1.5	PERIOD	EDG	43824
599360	4133480	13.17117	24.51	24.51	1.5	PERIOD	EDG	43824
599380	4133480	19.40493	24.37	24.37	1.5	PERIOD	EDG	43824

599500	4133480	15.90721	25.11	25.11	1.5	PERIOD	EDG	43824
599520	4133480	9.76818	25.16	25.16	1.5	PERIOD	EDG	43824
599540	4133480	7.00031	24.54	24.54	1.5	PERIOD	EDG	43824
599560	4133480	5.37074	25.35	25.35	1.5	PERIOD	EDG	43824
599580	4133480	4.41582	25.66	25.66	1.5	PERIOD	EDG	43824
599600	4133480	3.73412	25.93	25.93	1.5	PERIOD	EDG	43824
599620	4133480	3.27006	26.4	26.4	1.5	PERIOD	EDG	43824
599640	4133480	2.93725	26.47	26.47	1.5	PERIOD	EDG	43824
599660	4133480	2.6474	26.42	26.42	1.5	PERIOD	EDG	43824
599680	4133480	2.41961	26.53	26.53	1.5	PERIOD	EDG	43824
599700	4133480	2.29553	26.99	26.99	1.5	PERIOD	EDG	43824
599060	4133500	1.68701	23.43	23.43	1.5	PERIOD	EDG	43824
599080	4133500	1.78527	23.2	23.2	1.5	PERIOD	EDG	43824
599100	4133500	1.90345	23.15	23.15	1.5	PERIOD	EDG	43824
599120	4133500	2.00585	23.37	23.37	1.5	PERIOD	EDG	43824
599140	4133500	2.16889	23.17	23.17	1.5	PERIOD	EDG	43824
599160	4133500	2.37998	23.29	23.29	1.5	PERIOD	EDG	43824
599180	4133500	2.56958	23.53	23.53	1.5	PERIOD	EDG	43824
599200	4133500	2.91711	23.31	23.31	1.5	PERIOD	EDG	43824
599220	4133500	3.29961	23.37	23.37	1.5	PERIOD	EDG	43824
599240	4133500	3.88284	23.37	23.37	1.5	PERIOD	EDG	43824
599520	4133500	6.41335	25.22	25.22	1.5	PERIOD	EDG	43824
599540	4133500	4.8099	25.16	25.16	1.5	PERIOD	EDG	43824
599560	4133500	4.12472	25.36	25.36	1.5	PERIOD	EDG	43824
599580	4133500	3.58623	25.8	25.8	1.5	PERIOD	EDG	43824
599600	4133500	3.16023	26.07	26.07	1.5	PERIOD	EDG	43824
599620	4133500	2.81541	26.38	26.38	1.5	PERIOD	EDG	43824
599640	4133500	2.54065	26.32	26.32	1.5	PERIOD	EDG	43824
599660	4133500	2.36449	26.34	26.34	1.5	PERIOD	EDG	43824
599680	4133500	2.16147	26.71	26.71	1.5	PERIOD	EDG	43824
599700	4133500	2.04611	27.03	27.03	1.5	PERIOD	EDG	43824
599080	4133520	2.07655	23.04	23.04	1.5	PERIOD	EDG	43824
599100	4133520	2.17277	23.32	23.32	1.5	PERIOD	EDG	43824
599120	4133520	2.34324	23.5	23.5	1.5	PERIOD	EDG	43824
599140	4133520	2.60234	23.35	23.35	1.5	PERIOD	EDG	43824
599160	4133520	2.83917	23.16	23.16	1.5	PERIOD	EDG	43824
599180	4133520	3.15264	23.17	23.17	1.5	PERIOD	EDG	43824
599200	4133520	3.62371	23.12	23.12	1.5	PERIOD	EDG	43824
599220	4133520	4.27216	23.42	23.42	1.5	PERIOD	EDG	43824
599240	4133520	4.96456	23.5	23.5	1.5	PERIOD	EDG	43824
599260	4133520	6.21017	23.69	23.69	1.5	PERIOD	EDG	43824
599540	4133520	4.03712	25.39	25.39	1.5	PERIOD	EDG	43824
599560	4133520	3.48204	25.46	25.46	1.5	PERIOD	EDG	43824
599580	4133520	3.055	25.83	25.83	1.5	PERIOD	EDG	43824
599600	4133520	2.76266	26.13	26.13	1.5	PERIOD	EDG	43824
599620	4133520	2.43163	26.35	26.35	1.5	PERIOD	EDG	43824
599640	4133520	2.26261	26.17	26.17	1.5	PERIOD	EDG	43824
599660	4133520	2.08538	26.37	26.37	1.5	PERIOD	EDG	43824
599680	4133520	1.9633	26.4	26.4	1.5	PERIOD	EDG	43824
599700	4133520	1.8527	27.2	27.2	1.5	PERIOD	EDG	43824
599080	4133540	2.38355	23	23	1.5	PERIOD	EDG	43824
599100	4133540	2.55921	23.28	23.28	1.5	PERIOD	EDG	43824
599120	4133540	2.78482	23.48	23.48	1.5	PERIOD	EDG	43824
599140	4133540	3.12179	23.25	23.25	1.5	PERIOD	EDG	43824
599160	4133540	3.4582	23.26	23.26	1.5	PERIOD	EDG	43824
599180	4133540	3.98161	23.07	23.07	1.5	PERIOD	EDG	43824
599200	4133540	4.48261	23.17	23.17	1.5	PERIOD	EDG	43824
599220	4133540	5.30377	23.21	23.21	1.5	PERIOD	EDG	43824
599240	4133540	6.51672	23.45	23.45	1.5	PERIOD	EDG	43824

599260	4133540	8.27175	23.69	23.69	1.5	PERIOD	EDG	43824
599280	4133540	10.17396	23.52	23.52	1.5	PERIOD	EDG	43824
599300	4133540	13.60026	23.61	23.61	1.5	PERIOD	EDG	43824
599320	4133540	17.74648	23.81	23.81	1.5	PERIOD	EDG	43824
599340	4133540	25.2724	24.06	24.06	1.5	PERIOD	EDG	43824
599520	4133540	3.99421	24.92	24.92	1.5	PERIOD	EDG	43824
599540	4133540	3.53455	25.41	25.41	1.5	PERIOD	EDG	43824
599560	4133540	3.09501	25.54	25.54	1.5	PERIOD	EDG	43824
599580	4133540	2.77855	25.78	25.78	1.5	PERIOD	EDG	43824
599600	4133540	2.47253	25.96	25.96	1.5	PERIOD	EDG	43824
599620	4133540	2.23474	26.46	26.46	1.5	PERIOD	EDG	43824
599640	4133540	2.09652	26.18	26.18	1.5	PERIOD	EDG	43824
599660	4133540	1.9323	26.86	26.86	1.5	PERIOD	EDG	43824
599680	4133540	1.82428	26.77	26.77	1.5	PERIOD	EDG	43824
599700	4133540	1.70659	26.59	26.59	1.5	PERIOD	EDG	43824
599080	4133560	2.76595	23.09	23.09	1.5	PERIOD	EDG	43824
599100	4133560	3.06002	23.18	23.18	1.5	PERIOD	EDG	43824
599120	4133560	3.3413	23.27	23.27	1.5	PERIOD	EDG	43824
599140	4133560	3.66582	23.21	23.21	1.5	PERIOD	EDG	43824
599160	4133560	4.07109	23.09	23.09	1.5	PERIOD	EDG	43824
599180	4133560	4.69238	23.19	23.19	1.5	PERIOD	EDG	43824
599200	4133560	5.62186	23.42	23.42	1.5	PERIOD	EDG	43824
599220	4133560	6.73874	23.21	23.21	1.5	PERIOD	EDG	43824
599240	4133560	7.77502	23.22	23.22	1.5	PERIOD	EDG	43824
599260	4133560	9.57344	23.45	23.45	1.5	PERIOD	EDG	43824
599280	4133560	12.00037	23.45	23.45	1.5	PERIOD	EDG	43824
599300	4133560	14.75076	23.61	23.61	1.5	PERIOD	EDG	43824
599320	4133560	18.4742	23.66	23.66	1.5	PERIOD	EDG	43824
599340	4133560	20.61512	24.11	24.11	1.5	PERIOD	EDG	43824
599360	4133560	19.32329	24.12	24.12	1.5	PERIOD	EDG	43824
599380	4133560	14.4623	24.12	24.12	1.5	PERIOD	EDG	43824
599500	4133560	3.92655	23.84	23.84	1.5	PERIOD	EDG	43824
599520	4133560	3.53166	24.93	25.19	1.5	PERIOD	EDG	43824
599540	4133560	3.14314	25.52	25.52	1.5	PERIOD	EDG	43824
599560	4133560	2.82436	25.49	25.49	1.5	PERIOD	EDG	43824
599580	4133560	2.534	25.37	25.37	1.5	PERIOD	EDG	43824
599600	4133560	2.29621	25.98	25.98	1.5	PERIOD	EDG	43824
599620	4133560	2.08463	26.17	26.17	1.5	PERIOD	EDG	43824
599640	4133560	1.89592	26.28	26.28	1.5	PERIOD	EDG	43824
599660	4133560	1.77897	26.73	26.73	1.5	PERIOD	EDG	43824
599680	4133560	1.71294	26.73	26.73	1.5	PERIOD	EDG	43824
599700	4133560	1.59627	26.87	26.87	1.5	PERIOD	EDG	43824
599080	4133580	3.28998	23.22	23.22	1.5	PERIOD	EDG	43824
599100	4133580	3.47902	23.19	23.19	1.5	PERIOD	EDG	43824
599120	4133580	3.7821	23.22	23.22	1.5	PERIOD	EDG	43824
599140	4133580	4.32556	23.24	23.24	1.5	PERIOD	EDG	43824
599160	4133580	4.92629	23.01	23.01	1.5	PERIOD	EDG	43824
599180	4133580	5.75454	23.45	23.45	1.5	PERIOD	EDG	43824
599200	4133580	6.603	23.35	23.35	1.5	PERIOD	EDG	43824
599220	4133580	7.3614	23.46	23.46	1.5	PERIOD	EDG	43824
599240	4133580	8.83602	23.39	23.39	1.5	PERIOD	EDG	43824
599260	4133580	10.53315	23.31	23.31	1.5	PERIOD	EDG	43824
599280	4133580	12.30541	23.38	23.38	1.5	PERIOD	EDG	43824
599300	4133580	14.54392	23.39	23.39	1.5	PERIOD	EDG	43824
599320	4133580	16.06171	23.65	23.65	1.5	PERIOD	EDG	43824
599340	4133580	15.9625	23.99	23.99	1.5	PERIOD	EDG	43824
599360	4133580	13.44444	23.85	23.85	1.5	PERIOD	EDG	43824
599500	4133580	3.36443	23.7	23.7	1.5	PERIOD	EDG	43824
599520	4133580	3.12161	24.17	24.17	1.5	PERIOD	EDG	43824

599540	4133580	2.84655	25.14	25.14	1.5	PERIOD	EDG	43824
599560	4133580	2.58607	24.96	24.96	1.5	PERIOD	EDG	43824
599580	4133580	2.39664	24.42	24.42	1.5	PERIOD	EDG	43824
599600	4133580	2.18489	26.09	26.38	1.5	PERIOD	EDG	43824
599620	4133580	2.00668	26.22	26.22	1.5	PERIOD	EDG	43824
599640	4133580	1.85296	26.6	26.6	1.5	PERIOD	EDG	43824
599660	4133580	1.71678	26.85	26.85	1.5	PERIOD	EDG	43824
599680	4133580	1.60013	26.93	26.93	1.5	PERIOD	EDG	43824
599100	4133600	4.01685	23.31	23.31	1.5	PERIOD	EDG	43824
599120	4133600	4.51586	23.23	23.23	1.5	PERIOD	EDG	43824
599140	4133600	5.05577	23	23	1.5	PERIOD	EDG	43824
599160	4133600	5.69058	23.13	23.13	1.5	PERIOD	EDG	43824
599180	4133600	6.2435	23.39	23.39	1.5	PERIOD	EDG	43824
599200	4133600	7.14702	23.5	23.5	1.5	PERIOD	EDG	43824
599220	4133600	8.13347	23.55	23.55	1.5	PERIOD	EDG	43824
599240	4133600	9.4515	23.37	23.37	1.5	PERIOD	EDG	43824
599260	4133600	10.48915	23.35	23.35	1.5	PERIOD	EDG	43824
599280	4133600	11.87066	23.49	23.49	1.5	PERIOD	EDG	43824
599300	4133600	12.94656	23.38	23.38	1.5	PERIOD	EDG	43824
599320	4133600	13.13683	23.52	23.52	1.5	PERIOD	EDG	43824
599340	4133600	11.77496	23.7	23.7	1.5	PERIOD	EDG	43824
599360	4133600	9.28943	23.85	23.85	1.5	PERIOD	EDG	43824
599480	4133600	3.17158	24.12	24.12	1.5	PERIOD	EDG	43824
599500	4133600	2.91794	24.12	24.12	1.5	PERIOD	EDG	43824
599520	4133600	2.69258	24.81	26.17	1.5	PERIOD	EDG	43824
599540	4133600	2.51144	26.15	26.15	1.5	PERIOD	EDG	43824
599560	4133600	2.3921	24.85	26.09	1.5	PERIOD	EDG	43824
599580	4133600	2.21915	24.18	26.66	1.5	PERIOD	EDG	43824
599600	4133600	2.05874	26.43	26.43	1.5	PERIOD	EDG	43824
599620	4133600	1.87567	26.58	26.58	1.5	PERIOD	EDG	43824
599640	4133600	1.7969	26.66	26.66	1.5	PERIOD	EDG	43824
599660	4133600	1.66221	27.1	27.1	1.5	PERIOD	EDG	43824
599680	4133600	1.55561	27.46	27.46	1.5	PERIOD	EDG	43824
599100	4133620	4.58531	23.11	23.11	1.5	PERIOD	EDG	43824
599120	4133620	5.08209	23.07	23.07	1.5	PERIOD	EDG	43824
599140	4133620	5.57702	22.9	22.9	1.5	PERIOD	EDG	43824
599160	4133620	6.00689	23.23	23.23	1.5	PERIOD	EDG	43824
599180	4133620	6.77185	23.3	23.3	1.5	PERIOD	EDG	43824
599200	4133620	7.53526	23.35	23.35	1.5	PERIOD	EDG	43824
599220	4133620	8.43987	23.39	23.39	1.5	PERIOD	EDG	43824
599240	4133620	9.20679	23.23	23.23	1.5	PERIOD	EDG	43824
599260	4133620	10.01008	23.36	23.36	1.5	PERIOD	EDG	43824
599280	4133620	10.96108	23.71	23.71	1.5	PERIOD	EDG	43824
599300	4133620	11.0164	23.7	23.7	1.5	PERIOD	EDG	43824
599320	4133620	10.52385	23.52	23.52	1.5	PERIOD	EDG	43824
599340	4133620	8.84159	23.46	23.46	1.5	PERIOD	EDG	43824
599460	4133620	3.10401	24.21	24.21	1.5	PERIOD	EDG	43824
599480	4133620	2.81959	24.27	24.27	1.5	PERIOD	EDG	43824
599500	4133620	2.54777	25.23	25.23	1.5	PERIOD	EDG	43824
599520	4133620	2.37222	26.33	26.33	1.5	PERIOD	EDG	43824
599540	4133620	2.28433	25.95	25.95	1.5	PERIOD	EDG	43824
599560	4133620	2.12967	26.05	26.05	1.5	PERIOD	EDG	43824
599580	4133620	2.01846	26.14	26.14	1.5	PERIOD	EDG	43824
599600	4133620	1.9121	26.52	26.52	1.5	PERIOD	EDG	43824
599620	4133620	1.82035	26.68	26.68	1.5	PERIOD	EDG	43824
599640	4133620	1.7132	26.68	26.68	1.5	PERIOD	EDG	43824
599660	4133620	1.5934	26.91	26.91	1.5	PERIOD	EDG	43824
599120	4133640	5.33195	22.84	22.84	1.5	PERIOD	EDG	43824
599140	4133640	5.82358	23.1	23.1	1.5	PERIOD	EDG	43824

599160	4133640	6.24412	23.3	23.3	1.5	PERIOD	EDG	43824
599180	4133640	6.95444	23.18	23.18	1.5	PERIOD	EDG	43824
599200	4133640	7.64767	23.18	23.18	1.5	PERIOD	EDG	43824
599220	4133640	8.03566	23.11	23.11	1.5	PERIOD	EDG	43824
599240	4133640	8.59172	23.17	23.17	1.5	PERIOD	EDG	43824
599260	4133640	9.32613	23.52	23.52	1.5	PERIOD	EDG	43824
599280	4133640	9.52794	23.67	23.67	1.5	PERIOD	EDG	43824
599300	4133640	9.32703	23.56	23.56	1.5	PERIOD	EDG	43824
599320	4133640	8.31574	23.58	23.58	1.5	PERIOD	EDG	43824
599340	4133640	6.99457	23.48	23.48	1.5	PERIOD	EDG	43824
599360	4133640	5.75323	23.61	23.61	1.5	PERIOD	EDG	43824
599460	4133640	2.74329	24.27	24.27	1.5	PERIOD	EDG	43824
599480	4133640	2.51787	24.35	24.35	1.5	PERIOD	EDG	43824
599500	4133640	2.3187	24.97	24.97	1.5	PERIOD	EDG	43824
599520	4133640	2.15481	25.64	25.64	1.5	PERIOD	EDG	43824
599540	4133640	2.03267	25.76	25.76	1.5	PERIOD	EDG	43824
599560	4133640	1.97083	25.89	25.89	1.5	PERIOD	EDG	43824
599580	4133640	1.88784	26.07	26.07	1.5	PERIOD	EDG	43824
599600	4133640	1.77452	26.33	26.33	1.5	PERIOD	EDG	43824
599620	4133640	1.69047	26.5	26.5	1.5	PERIOD	EDG	43824
599640	4133640	1.64061	26.56	26.56	1.5	PERIOD	EDG	43824
599660	4133640	1.55861	26.7	26.7	1.5	PERIOD	EDG	43824
599140	4133660	5.96401	23.22	23.22	1.5	PERIOD	EDG	43824
599160	4133660	6.41584	23.22	23.22	1.5	PERIOD	EDG	43824
599180	4133660	6.82129	23.13	23.13	1.5	PERIOD	EDG	43824
599200	4133660	7.05767	23.09	23.09	1.5	PERIOD	EDG	43824
599220	4133660	7.74125	23.02	23.02	1.5	PERIOD	EDG	43824
599240	4133660	8.17623	23.19	23.19	1.5	PERIOD	EDG	43824
599260	4133660	8.39804	23.45	23.45	1.5	PERIOD	EDG	43824
599280	4133660	8.44506	23.63	23.63	1.5	PERIOD	EDG	43824
599300	4133660	7.69949	23.4	23.4	1.5	PERIOD	EDG	43824
599320	4133660	6.7719	23.42	23.42	1.5	PERIOD	EDG	43824
599340	4133660	5.62515	23.43	23.43	1.5	PERIOD	EDG	43824
599360	4133660	4.82512	23.83	23.83	1.5	PERIOD	EDG	43824
599380	4133660	4.22838	23.91	23.91	1.5	PERIOD	EDG	43824
599400	4133660	3.6142	23.91	23.91	1.5	PERIOD	EDG	43824
599440	4133660	2.80907	24.16	24.16	1.5	PERIOD	EDG	43824
599460	4133660	2.48905	24.29	24.29	1.5	PERIOD	EDG	43824
599480	4133660	2.2926	24.39	24.39	1.5	PERIOD	EDG	43824
599500	4133660	2.08542	25.08	25.08	1.5	PERIOD	EDG	43824
599520	4133660	1.98404	25.57	25.57	1.5	PERIOD	EDG	43824
599540	4133660	1.87262	25.68	25.68	1.5	PERIOD	EDG	43824
599560	4133660	1.80236	25.69	25.69	1.5	PERIOD	EDG	43824
599580	4133660	1.74507	26.09	26.09	1.5	PERIOD	EDG	43824
599600	4133660	1.66386	26.44	26.44	1.5	PERIOD	EDG	43824
599620	4133660	1.61968	26.63	26.63	1.5	PERIOD	EDG	43824
599640	4133660	1.55547	26.61	26.61	1.5	PERIOD	EDG	43824
599160	4133680	6.3525	23.09	23.09	1.5	PERIOD	EDG	43824
599180	4133680	6.4999	23.05	23.05	1.5	PERIOD	EDG	43824
599200	4133680	6.91959	22.9	22.9	1.5	PERIOD	EDG	43824
599220	4133680	7.10513	22.96	22.96	1.5	PERIOD	EDG	43824
599240	4133680	7.61205	23.17	23.17	1.5	PERIOD	EDG	43824
599260	4133680	7.724	23.28	23.28	1.5	PERIOD	EDG	43824
599280	4133680	7.14747	23.35	23.35	1.5	PERIOD	EDG	43824
599300	4133680	6.56292	23.37	23.37	1.5	PERIOD	EDG	43824
599320	4133680	5.52443	23.28	23.28	1.5	PERIOD	EDG	43824
599340	4133680	4.83601	23.59	23.59	1.5	PERIOD	EDG	43824
599360	4133680	4.24373	23.82	23.82	1.5	PERIOD	EDG	43824
599380	4133680	3.67442	24.18	24.18	1.5	PERIOD	EDG	43824

599400	4133680	3.15399	24.27	24.27	1.5	PERIOD	EDG	43824
599420	4133680	2.82644	24.16	24.16	1.5	PERIOD	EDG	43824
599440	4133680	2.5191	24.2	24.2	1.5	PERIOD	EDG	43824
599460	4133680	2.32306	24.39	24.39	1.5	PERIOD	EDG	43824
599480	4133680	2.08502	24.57	24.57	1.5	PERIOD	EDG	43824
599500	4133680	1.92048	25.48	25.48	1.5	PERIOD	EDG	43824
599520	4133680	1.81353	25.58	25.58	1.5	PERIOD	EDG	43824
599540	4133680	1.73482	25.48	25.48	1.5	PERIOD	EDG	43824
599560	4133680	1.65365	25.78	25.78	1.5	PERIOD	EDG	43824
599580	4133680	1.60875	26.21	26.21	1.5	PERIOD	EDG	43824
599600	4133680	1.56686	26.78	26.78	1.5	PERIOD	EDG	43824
599620	4133680	1.52099	27.04	27.04	1.5	PERIOD	EDG	43824
599180	4133700	6.37316	22.87	22.87	1.5	PERIOD	EDG	43824
599200	4133700	6.62834	22.92	22.92	1.5	PERIOD	EDG	43824
599220	4133700	6.90788	22.99	22.99	1.5	PERIOD	EDG	43824
599240	4133700	6.89088	23.01	23.01	1.5	PERIOD	EDG	43824
599260	4133700	6.60149	23.23	23.23	1.5	PERIOD	EDG	43824
599280	4133700	6.33973	23.29	23.29	1.5	PERIOD	EDG	43824
599300	4133700	5.60295	23.26	23.26	1.5	PERIOD	EDG	43824
599320	4133700	4.83105	23.33	23.33	1.5	PERIOD	EDG	43824
599340	4133700	4.16491	23.63	23.63	1.5	PERIOD	EDG	43824
599360	4133700	3.79359	23.86	23.86	1.5	PERIOD	EDG	43824
599380	4133700	3.23979	24.25	24.25	1.5	PERIOD	EDG	43824
599400	4133700	2.92285	24.31	24.31	1.5	PERIOD	EDG	43824
599420	4133700	2.58298	24.23	24.23	1.5	PERIOD	EDG	43824
599440	4133700	2.34382	24.47	24.47	1.5	PERIOD	EDG	43824
599460	4133700	2.12796	24.63	24.63	1.5	PERIOD	EDG	43824
599480	4133700	1.96351	24.82	24.82	1.5	PERIOD	EDG	43824
599500	4133700	1.80344	25.18	25.18	1.5	PERIOD	EDG	43824
599520	4133700	1.70867	25.43	25.43	1.5	PERIOD	EDG	43824
599540	4133700	1.61937	25.45	25.45	1.5	PERIOD	EDG	43824
599560	4133700	1.53798	25.68	25.68	1.5	PERIOD	EDG	43824
599580	4133700	1.49016	26.46	26.46	1.5	PERIOD	EDG	43824
599600	4133700	1.47667	26.99	26.99	1.5	PERIOD	EDG	43824
599200	4133720	6.35336	22.89	22.89	1.5	PERIOD	EDG	43824
599220	4133720	6.36819	23.01	23.01	1.5	PERIOD	EDG	43824
599240	4133720	6.16258	23.07	23.07	1.5	PERIOD	EDG	43824
599260	4133720	5.85441	23.21	23.21	1.5	PERIOD	EDG	43824
599280	4133720	5.47647	23.27	23.27	1.5	PERIOD	EDG	43824
599300	4133720	4.67757	23.19	23.19	1.5	PERIOD	EDG	43824
599320	4133720	4.17061	23.53	23.53	1.5	PERIOD	EDG	43824
599340	4133720	3.68916	23.71	23.71	1.5	PERIOD	EDG	43824
599360	4133720	3.32855	24.18	24.18	1.5	PERIOD	EDG	43824
599380	4133720	2.9453	24.3	24.3	1.5	PERIOD	EDG	43824
599400	4133720	2.66299	24.18	24.18	1.5	PERIOD	EDG	43824
599420	4133720	2.40487	24.31	24.31	1.5	PERIOD	EDG	43824
599440	4133720	2.17771	24.55	24.55	1.5	PERIOD	EDG	43824
599460	4133720	1.99245	24.63	24.63	1.5	PERIOD	EDG	43824
599480	4133720	1.83692	24.96	24.96	1.5	PERIOD	EDG	43824
599500	4133720	1.70475	25.12	25.12	1.5	PERIOD	EDG	43824
599520	4133720	1.6314	25.39	25.39	1.5	PERIOD	EDG	43824
599540	4133720	1.54536	25.53	25.53	1.5	PERIOD	EDG	43824
599560	4133720	1.45477	26.01	26.01	1.5	PERIOD	EDG	43824
599580	4133720	1.41658	26.67	26.67	1.5	PERIOD	EDG	43824
599220	4133740	5.95478	23.09	23.09	1.5	PERIOD	EDG	43824
599240	4133740	5.598	23.34	23.34	1.5	PERIOD	EDG	43824
599260	4133740	5.31797	23.24	23.24	1.5	PERIOD	EDG	43824
599280	4133740	4.85994	23.16	23.16	1.5	PERIOD	EDG	43824
599300	4133740	4.18271	23.39	23.39	1.5	PERIOD	EDG	43824

599320	4133740	3.80818	23.66	23.66	1.5	PERIOD	EDG	43824
599340	4133740	3.45283	24.05	24.05	1.5	PERIOD	EDG	43824
599360	4133740	3.07562	24.24	24.24	1.5	PERIOD	EDG	43824
599380	4133740	2.70333	24.19	24.19	1.5	PERIOD	EDG	43824
599400	4133740	2.44015	24.22	24.22	1.5	PERIOD	EDG	43824
599420	4133740	2.23309	24.62	24.62	1.5	PERIOD	EDG	43824
599440	4133740	2.05578	24.77	24.77	1.5	PERIOD	EDG	43824
599460	4133740	1.87485	24.97	24.97	1.5	PERIOD	EDG	43824
599480	4133740	1.74262	24.95	24.95	1.5	PERIOD	EDG	43824
599500	4133740	1.62395	25.37	25.37	1.5	PERIOD	EDG	43824
599520	4133740	1.53856	25.49	25.49	1.5	PERIOD	EDG	43824
599540	4133740	1.46848	25.63	25.63	1.5	PERIOD	EDG	43824
599260	4133760	4.83457	23.23	23.23	1.5	PERIOD	EDG	43824
599280	4133760	4.23401	23.22	23.22	1.5	PERIOD	EDG	43824
599300	4133760	3.76392	23.62	23.62	1.5	PERIOD	EDG	43824
599320	4133760	3.44832	23.72	23.72	1.5	PERIOD	EDG	43824
599340	4133760	3.12544	24.02	24.02	1.5	PERIOD	EDG	43824
599360	4133760	2.82963	24.18	24.18	1.5	PERIOD	EDG	43824
599380	4133760	2.49719	24.15	24.15	1.5	PERIOD	EDG	43824
599400	4133760	2.3172	24.39	24.39	1.5	PERIOD	EDG	43824
599420	4133760	2.11256	24.71	24.71	1.5	PERIOD	EDG	43824
599440	4133760	1.94658	25.08	25.08	1.5	PERIOD	EDG	43824
599460	4133760	1.78398	25.11	25.11	1.5	PERIOD	EDG	43824
599480	4133760	1.63073	25.22	25.22	1.5	PERIOD	EDG	43824
599500	4133760	1.55308	25.28	25.28	1.5	PERIOD	EDG	43824
599340	4133780	2.85461	24.03	24.03	1.5	PERIOD	EDG	43824
599360	4133780	2.61156	24.09	24.09	1.5	PERIOD	EDG	43824
599380	4133780	2.32936	24.17	24.17	1.5	PERIOD	EDG	43824
599400	4133780	2.1682	24.68	24.68	1.5	PERIOD	EDG	43824
599420	4133780	1.98568	24.93	24.93	1.5	PERIOD	EDG	43824
599440	4133780	1.86344	25.12	25.12	1.5	PERIOD	EDG	43824

** CONCUNIT ug/ m^3
** DEPUNIT g/m^ 2

599280_4133140	599280	4133140	Potential Resident	X	Y		
599300_4133140	599300	4133140	Potential Resident	599500_4133420	599500	4133420	Non Residential
599320_4133140	599320	4133140	Potential Resident	599480_4133440	599480	4133440	Non Residential
599340_4133140	599340	4133140	Potential Resident	599500_4133440	599500	4133440	Non Residential
599360_4133140	599360	4133140	Potential Resident	599520_4133440	599520	4133440	Non Residential
599380_4133140	599380	4133140	Potential Resident	599540_4133440	599540	4133440	Non Residential
599400_4133140	599400	4133140	Potential Resident	599480_4133460	599480	4133460	Non Residential
599420_4133140	599420	4133140	Potential Resident	599500_4133460	599500	4133460	Non Residential
599440_4133140	599440	4133140	Potential Resident	599520_4133460	599520	4133460	Non Residential
599460_4133140	599460	4133140	Potential Resident	599540_4133460	599540	4133460	Non Residential
599480_4133140	599480	4133140	Potential Resident	599560_4133460	599560	4133460	Non Residential
599240_4133160	599240	4133160	Potential Resident	599500_4133480	599500	4133480	Non Residential
599260_4133160	599260	4133160	Potential Resident	599520_4133480	599520	4133480	Non Residential
599280_4133160	599280	4133160	Potential Resident	599540_4133480	599540	4133480	Non Residential
599300_4133160	599300	4133160	Potential Resident	599560_4133480	599560	4133480	Non Residential
599320_4133160	599320	4133160	Potential Resident	599520_4133500	599520	4133500	Non Residential
599340_4133160	599340	4133160	Potential Resident	599540_4133500	599540	4133500	Non Residential
599360_4133160	599360	4133160	Potential Resident	599300_4133540	599300	4133540	Non Residential
599380_4133160	599380	4133160	Potential Resident	599320_4133540	599320	4133540	Non Residential
599400_4133160	599400	4133160	Potential Resident	599340_4133540	599340	4133540	Non Residential
599420_4133160	599420	4133160	Potential Resident	599280_4133560	599280	4133560	Non Residential
599440_4133160	599440	4133160	Potential Resident	599300_4133560	599300	4133560	Non Residential
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599500_4133160	599500	4133160	Potential Resident	599360_4133560	599360	4133560	Non Residential
599520_4133160	599520	4133160	Potential Resident	599380_4133560	599380	4133560	Non Residential
599540_4133160	599540	4133160	Potential Resident	599280_4133580	599280	4133580	Non Residential
599200_4133180	599200	4133180	Potential Resident	599300_4133580	599300	4133580	Non Residential
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599360_4133180	599360	4133180	Potential Resident	599340_4133620	599340	4133620	Non Residential
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599560_4133700	599560	4133700	Potential Resident
599580_4133700	599580	4133700	Potential Resident
599600_4133700	599600	4133700	Potential Resident
599200_4133720	599200	4133720	Potential Resident
599220_4133720	599220	4133720	Potential Resident
599240_4133720	599240	4133720	Potential Resident
599260_4133720	599260	4133720	Potential Resident
599280_4133720	599280	4133720	Potential Resident
599300_4133720	599300	4133720	Potential Resident
599320_4133720	599320	4133720	Potential Resident
599340_4133720	599340	4133720	Potential Resident

599360_4133720	599360	4133720	Potential Resident
599380_4133720	599380	4133720	Potential Resident
599400_4133720	599400	4133720	Potential Resident
599420_4133720	599420	4133720	Potential Resident
599440_4133720	599440	4133720	Potential Resident
599460_4133720	599460	4133720	Potential Resident
599480_4133720	599480	4133720	Potential Resident
599500_4133720	599500	4133720	Potential Resident
599520_4133720	599520	4133720	Potential Resident
599540_4133720	599540	4133720	Potential Resident
599560_4133720	599560	4133720	Potential Resident
599580_4133720	599580	4133720	Potential Resident
599220_4133740	599220	4133740	Potential Resident
599240_4133740	599240	4133740	Potential Resident
599260_4133740	599260	4133740	Potential Resident
599280_4133740	599280	4133740	Potential Resident
599300_4133740	599300	4133740	Potential Resident
599320_4133740	599320	4133740	Potential Resident
599340_4133740	599340	4133740	Potential Resident
599360_4133740	599360	4133740	Potential Resident
599380_4133740	599380	4133740	Potential Resident
599400_4133740	599400	4133740	Potential Resident
599420_4133740	599420	4133740	Potential Resident
599440_4133740	599440	4133740	Potential Resident
599460_4133740	599460	4133740	Potential Resident
599480_4133740	599480	4133740	Potential Resident
599500_4133740	599500	4133740	Potential Resident
599520_4133740	599520	4133740	Potential Resident
599540_4133740	599540	4133740	Potential Resident
599260_4133760	599260	4133760	Potential Resident
599280_4133760	599280	4133760	Potential Resident
599300_4133760	599300	4133760	Potential Resident
599320_4133760	599320	4133760	Potential Resident
599340_4133760	599340	4133760	Potential Resident
599360_4133760	599360	4133760	Potential Resident
599380_4133760	599380	4133760	Potential Resident
599400_4133760	599400	4133760	Potential Resident
599420_4133760	599420	4133760	Potential Resident
599440_4133760	599440	4133760	Potential Resident
599460_4133760	599460	4133760	Potential Resident
599480_4133760	599480	4133760	Potential Resident
599500_4133760	599500	4133760	Potential Resident
599340_4133780	599340	4133780	Potential Resident
599360_4133780	599360	4133780	Potential Resident
599380_4133780	599380	4133780	Potential Resident
599400_4133780	599400	4133780	Potential Resident
599420_4133780	599420	4133780	Potential Resident
599440_4133780	599440	4133780	Potential Resident

https://www.sanjoseca.gov/home/showpublisheddocument/25795/636690676969670000#:~:text=No%20person%20shall%20disturb%20the,24198.)

20.100.450 - *Hours* of *construction* within 500 feet of a residential unit.

A.

Unless otherwise expressly allowed in a development permit or other planning approval, no applicant or agent of an applicant shall suffer or allow any construction activity on a site located within 500 feet of a residential unit before 7:00 a.m. or after 7:00 p.m., Monday through Friday, or at any time on weekends.

B.

Without limiting the scope of Section 20.100.310, no applicant or agent of an applicant shall suffer or allow any construction activity on a site subject to a development permit or other planning approval located within 500 feet of a residential unit at any time when that activity is not allowed under the development permit or planning approval.

C.

This section is applicable whenever a development permit or other planning approval is required for construction activity.

(Ords. 26248, 26594.)

Hour (End	Factor	
1:00	0	
2:00	0	
3:00	0	
4:00	0	
5:00	0	
6:00	0	
7:00	0	216
8:00	2	
9:00	2	
10:00	2	
11:00	2	
12:00	2	
13:00	2	
14:00	2	
15:00	2	
16:00	2	
17:00	2	
18:00	2	
19:00	2	
20:00	0	
21:00	0	
22:00	0	
23:00	0	
24:00:00	0	

Gasoline Dispensing Facility (GDF) Distance Multiplier Tool: This distance multiplier tool refines the screening values for cancer risk and chronic hazard index found in the District's Stationary Source Screening Analysis Tool for GDF's, to represent adjusted risk and hazard impacts that can be expected with farther distances from the source of emissions.

Gas Station

Distance (meters)	Distance (feet)	Distance adjustment multiplier	Enter Risk or Hazard	Adjusted Risk or Hazard
0	0.0	1.000		0.0000
5	16.4	1.000		0.0000
10	32.8	1.000		0.0000
15	49.2	1.000		0.0000
20	65.6	1.000		0.0000
25	82.0	0.728		0.0000
30	98.4	0.559		0.0000
35	114.8	0.445		0.0000
40	131.2	0.365		0.0000
45	147.6	0.305		0.0000
50	164.0	0.260		0.0000
55	180.4	0.225		0.0000
60	196.9	0.197		0.0000
65	213.3	0.174		0.0000
70	229.7	0.155		0.0000
75	246.1	0.139		0.0000
80	262.5	0.126		0.0000
85	278.9	0.114		0.0000
90	295.3	0.104		0.0000
95	311.7	0.096		0.0000
100	328.1	0.088		0.0000
105	344.5	0.082		0.0000
110	360.9	0.076		0.0000
115	377.3	0.071		0.0000
120	393.7	0.066		0.0000
125	410.1	0.062		0.0000
130	426.5	0.058		0.0000
135	442.9	0.055		0.0000
140	459.3	0.052		0.0000
145	475.7	0.049		0.0000
150	492.1	0.046		0.0000
155	508.5	0.044		0.0000
160	524.9	0.042		0.0000
165	541.3	0.040		0.0000
170	557.7	0.038		0.0000
175	574.1	0.036		0.0000
180	590.6	0.034		0.0000
185	607.0	0.033		0.0000
190	623.4	0.031		0.0000
195	639.8	0.030		0.0000
200	656.2	0.029		0.0000
205	672.6	0.028		0.0000
210	689.0	0.027		0.0000
215	705.4	0.026		0.0000
220	721.8	0.025		0.0000
225	738.2	0.024		0.0000
230	754.6	0.023		0.0000
235	771.0	0.022		0.0000
240	787.4	0.022		0.0000
245	803.8	0.021		0.0000
250	820.2	0.020		0.0000
255	836.6	0.020		0.0000
260	853.0	0.019		0.0000
265	869.4	0.018		0.0000
270	885.8	0.018		0.0000
275	902.2	0.017		0.0000
280	918.6	0.017		0.0000
285	935.0	0.016		0.0000
290	951.4	0.016		0.0000
295	967.8	0.015		0.0000
300	984.3	0.015		0.0000

Diesel Internal Combustion (IC) Engine Distance Multiplier Tool: This distance multiplier tool refines the screening values for cancer risk and PM2.5 concentrations found in the District's Stationary Source Screening Analysis Tool for permitted facilities which contain only diesel IC engines, to represent adjusted risk and hazard impacts that can be expected with farther distances from the source of emissions.

Diesel Backup Generator

Distance (meters)	Distance (feet)	Distance adjustment multiplier	Enter Risk or Hazard	Adjusted Risk or Hazard	Enter PM2.5 Concentration	Adjusted PM2.5 Concentration
0	0.0	1.000		0		0
5	16.4	1.000		0		0
10	32.8	1.000		0		0
15	49.2	1.000		0		0
20	65.6	1.000		0		0
25	82.0	0.85		0		0
30	98.4	0.73		0		0
35	114.8	0.64		0		0
40	131.2	0.58		0		0
50	164.0	0.5		0		0
60	196.9	0.41		0		0
70	229.7	0.31		0		0
80	262.5	0.28		0		0
90	295.3	0.25		0		0
100	328.1	0.22		0		0
110	360.9	0.18		0		0
120	393.7	0.16		0		0
130	426.5	0.15		0		0
140	459.3	0.14		0		0
150	492.1	0.12		0		0
160	524.9	0.1		0		0
180	590.6	0.09		0		0
200	656.2	0.08		0		0
220	721.8	0.07		0		0
240	787.4	0.06		0		0
260	853.0	0.05		0		0
280	918.6	0.04		0		0

Generic Distance Multiplier Tool: This distance multiplier tool refines the screening values to represent adjusted risk and hazard impacts that can be expected with farther distances from the source of emissions.

Generic Case

Distance (meters)	Distance (feet)	Multiplier
0	0.0	1.000
5	16.4	1.000
10	32.8	0.883
15	49.2	0.855
20	65.6	0.827
25	82.0	0.801
30	98.4	0.775
35	114.8	0.750
40	131.2	0.726
45	147.6	0.702
50	164.0	0.679
55	180.4	0.658
60	196.9	0.636
65	213.3	0.616
70	229.7	0.596
75	246.1	0.577
80	262.5	0.558
85	278.9	0.540
90	295.3	0.523
95	311.7	0.506
100	328.1	0.489
105	344.5	0.474
110	360.9	0.458
115	377.3	0.444
120	393.7	0.429
125	410.1	0.415
130	426.5	0.402
135	442.9	0.389
140	459.3	0.376
145	475.7	0.364
150	492.1	0.353
155	508.5	0.341
160	524.9	0.330
165	541.3	0.319
170	557.7	0.309
175	574.1	0.299
180	590.6	0.290
185	607.0	0.280
190	623.4	0.271
195	639.8	0.262
200	656.2	0.254
205	672.6	0.246
210	689.0	0.238
215	705.4	0.230
220	721.8	0.223
225	738.2	0.216
230	754.6	0.209
235	771.0	0.202
240	787.4	0.195
245	803.8	0.189
250	820.2	0.183
255	836.6	0.177
260	853.0	0.171
265	869.4	0.166
270	885.8	0.160
275	902.2	0.155
280	918.6	0.150
285	935.0	0.145
290	951.4	0.141
295	967.8	0.136
300	984.3	0.132

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DEPARTMENT OF PLANNING, BUILDING AND CODE ENFORCEMENT

Purpose of the Compliance Checklist

In 2020, the City adopted a Greenhouse Gas Reduction Strategy (GHGRS) that outlines the actions the City will undertake to achieve its proportional share of State greenhouse gas (GHG) emission reductions for the interim target year 2030. The purpose of the Greenhouse Gas Reduction Strategy Compliance Checklist (Checklist) is to:

- Implement GHG reduction strategies from the 2030 GHGRS to new development projects.
- Provide a streamlined review process for proposed new development projects that are subject to discretionary review and trigger environmental review pursuant to the California Environmental Quality Act (CEQA).

The 2030 GHGRS presents the City's comprehensive path to reduce GHG emissions to achieve the 2030 reduction target, based on SB 32, BAAQMD, and OPR. Additionally, the 2030 GHGRS leverages other important City plans and policies; including the General Plan, Climate Smart San José, and the City Municipal Code in identifying reductions strategies that achieve the City's target. CEQA Guidelines Section 15183.5 allows for public agencies to analyze and mitigate GHG emissions as part of a larger plan for the reduction of greenhouse gases. Accordingly, the City of San José's 2030 GHGRS represents San José's qualified climate action plan in compliance with CEQA.

As described in the 2030 GHGRS, these GHG reductions will occur through a combination of City initiatives in various plans and policies and will provide reductions from both existing and new developments. This Compliance Checklist specifically applies to proposed discretionary projects that require environmental review pursuant to CEQA. Therefore, the Checklist is a critical implementation tool in the City's overall strategy to reduce GHG emissions. Implementation of applicable reduction actions in new development projects will help the City achieve incremental reductions toward its target. Per the 2030 GHGRS, the City will monitor strategy implementation and make updates, as necessary, to maintain an appropriate trajectory to the 2030 GHG target.

Pursuant to CEQA Guidelines Sections 15064(h)(3), 15130(d), and 15183(b), a project's incremental contribution to a cumulative GHG emissions effect may be determined not to be cumulatively considerable if it complies with the requirements of the GHGRS.

Instructions for Compliance Checklist

Applicants shall complete the following sections to demonstrate conformance with the City of San José 2030 Greenhouse Gas Reduction Strategy for the proposed project. All projects must complete Section A. General Plan Policy Conformance and Section B. Greenhouse Gas Reduction Strategies. Projects that propose alternative GHG mitigation measures must also complete Section C. Alternative Project Measures and Additional GHG Reductions.

A. General Plan Policy Compliance

Projects need to demonstrate consistency with the Envision San José 2040 General Plan's relevant policies for Land Use & Design, Transportation, Green Building, and Water Conservation, enumerated in Table A. All applicants shall complete the following steps.

1. Complete Table A, Item #1 to demonstrate the project's consistency with the General Plan Land Use and Circulation Diagram.
2. Complete Table A, Items #2 through #4 to demonstrate the project's consistency with General Plan policies[1] related to green building; pedestrian, bicycle & transit site design; and water conservation and urban forestry, as applicable. For each policy listed, mark the relevant yes/no check boxes to indicate project consistency, and provide a qualitative description of how the policy is implemented in the proposed project or why the policy is not applicable to the proposed project. Qualitative descriptions can be included in Table A or provided as separate attachments. This explanation will provide the basis for analysis in the CEQA document.

B. Greenhouse Gas Reduction Strategies

Table B identifies the GHGRS strategies and recommended consistency options. Projects need to demonstrate consistency with the GHGRS reduction strategies listed in Table B or document why the strategies are not applicable or are infeasible. The corresponding GHGRS strategies are indicated in the table to provide additional context, with the full text of the strategies preceding Table B.

Residential projects must complete Table B, Part 1 and 2; Non-residential projects must complete Table B, Part 2 only. All applicants shall complete the following steps for Table B.

1. Review the project consistency options described in the column titled 'GHGRS Strategy and Consistency Options'.
2. Use the check boxes in the column titled "Project Conformance" to indicate if the strategy is 'Proposed', 'Not Applicable', 'Not Feasible', or if there is an 'Alternative Measure Proposed'.

[1] The lists in items # 2-4 do not represent all General Plan policies but allow projects to demonstrate consistency and achievement of policies that are related to quantified reduction estimates in the 2030 GHGRS.

3. Provide a qualitative analysis of the proposed project's compliance with the GHGRS strategies in the column titled "Description of Project Measure". This will be the basis for CEQA analysis to demonstrate compliance with the 2030 GHGRS and by extension, with SB 32. The qualitative analysis should provide:
    a. A description of which consistency options are included as part of the proposed project, or
    b. A description of why the strategy is not applicable to the proposed project, or
    c. A description of why the consistency options are infeasible. If applicants select 'Not Feasible' or 'Alternative Measure Proposed', they must complete Table C to document what alternative project measures will be implemented to achieve a similar level of greenhouse gas reduction and how those reduction estimates were calculated.

C. Alternative Project Measures and Additional GHG Reductions

Projects that propose alternative GHG mitigation measures to those identified in Table B or propose to include additional GHG mitigation measures beyond those described in Tables A and B, shall provide a summary explanation of the proposed measures and demonstrate efficiency or greenhouse gas reductions achievable though the proposed measures. Documentation for these alternative or additional project measures shall be documented in Table C. Any applicants who select 'Not Feasible' or 'Alternative Measure Proposed' in Table B must complete the following steps for Table C.

1. In the column titled "Description of Proposed Measure" provide a qualitative description of what measure will be implemented, why it is proposed, and how it will reduce GHG emissions.
2. In the column titled "Description of GHG Reduction Estimate" demonstrate how the alternative project measure would achieve the same or greater level of greenhouse gas reductions as the GHGRS strategy it replaces. Documentation or calculation files can be attached separately.
3. In the column titled "Proposed Measure Implementation" identify how the measure will be implemented: incorporated as part of the project design or as an additional measure that is not part of the project (e.g., purchase of carbon offsets).

Compliance Checklist

Evaluation of Project Conformance with the 2030 Greenhouse Gas Reduction Strategy

Table A: General Plan Consistency

Development Type: ☐ Commercial ☐ Residential ☐ Office ☒ Other: Fire Station

1) Consistency with the Land Use/Transportation Diagram (Land Use and Density)	Yes	No
Is the proposed Project consistent with the Land Use/Transportation Diagram?	☒	☐
If not, and the proposed project includes a General Plan Amendment, does the proposed amendment decrease GHG emissions (in absolute terms or per capita, per employee, per service population) below the level assumed in the GHGRS based on the existing planned land use? (The project could have a higher density, mix of uses, or other features that would reduce GHG emissions compared to the planned land use).2	☐	☐
If not, would the proposed project and the General Plan Amendment increase GHG emissions (in absolute terms or per capita, per employee, per service population)? Project is not consistent with GHGRS and further modeling will be required to determine if additional mitigation measures are necessary.	☐	☐

Response documentation: *[Either here or as an attachment]*

The General Plan Land Use designation for the site is Mixed Use Commercial (MUC). The proposed project would construct a single-company, two-story fire station with a single apparatus bay as part of the relocation of Fire Station No. 8 to 601 E Santa Clara Street. Per Resolution No. 79873 (Approved 01-26-2021), City services and facilities such as public parks, fire stations, and libraries are allowed on all properties within the City, regardless of General Plan land use designation or zoning district, consistent with General Plan Policy IP-1.11. Thus, the proposed project would be consistent with the Land Use/Transportation Diagram.

[2] For example, a General Plan Amendment to change use from single-family residential to multi-family residential or a General Plan Amendment to change the use from regional-serving commercial to mixed-use urban in a transit-served area might reduce travel demand, and therefore GHG emissions from mobile sources.

2) *Implementation of Green Building Measures*	Yes	No
***MS-2.2**: Encourage maximized use of on-site generation of renewable energy for all new and existing buildings.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. [Either here or as an attachment] The proposed project would include on-site renewable electric generation via a rooftop approximately 62.7 kW (DC) solar electric photovoltaic (PV) system.		
***MS-2.3**: Encourage consideration of solar orientation, including building placement, landscaping, design and construction techniques for new construction to minimize energy consumption.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. [Either here or as an attachment] The proposed project would generally be oriented north-south, optimizing exposure to solar energy while minimizing overheating from the low-angled east-west sun. The proposed project would also include landscaping and trees that would provide shading. The proposed project would include building design measures to meet LEED Silver, with a goal of obtaining LEED Gold certification.		
***MS-2.7**: Encourage the installation of solar panels or other clean energy power generation sources over parking areas.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. [Either here or as an attachment] The proposed project would include on-site renewable electric generation via a rooftop solar PV system. Permeable paving would be used in the proposed parking areas as a stormwater treatment measure on-site consistent with CD-2.5 below.		
***MS-2.11**: Require new development to incorporate green building practices, including those required by the Green Building Ordinance. Specifically, target reduced energy use through construction techniques (e.g., design of building envelopes and systems to maximize energy performance), through architectural design (e.g., design to maximize cross ventilation and interior daylight) and through site design techniques (e.g., orienting buildings on sites to maximize the effectiveness of passive solar design).*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. [Either here or as an attachment] The proposed project would include building design measures to meet LEED Silver, with a goal of obtaining LEED Gold certification. The proposed project would also include on-site renewable electric generation via a rooftop solar PV system.		

***MS-16.2**: Promote neighborhood-based distributed clean/renewable energy generation to improve local energy security and to reduce the amount of energy wasted in transmitting electricity over long distances.*	☒	☐
Not applicable		
Describe how the project is consistent or why the measure is not applicable. [Either here or as an attachment] The proposed project would also include on-site renewable electric generation via a rooftop solar PV system that would improve local energy security and reduce the amount of energy wasted in transmitting electricity over long distances.		

3) Pedestrian, Bicycle & Transit Site Design Measures	**Yes**	**No**
***CD-2.1**: Promote the Circulation Goals and Policies in the Envision San José 2040 General Plan. Create streets that promote pedestrian and bicycle transportation by following applicable goals and policies in the Circulation section of the Envision San José 2040 General Plan.*		
a) Design the street network for its safe shared use by pedestrians, bicyclists, and vehicles. Include elements that increase driver awareness.	☒	☐
b) Create a comfortable and safe pedestrian environment by implementing wider sidewalks, shade structures, attractive street furniture, street trees, reduced traffic speeds, pedestrian-oriented lighting, mid-block pedestrian crossings, pedestrian-activated crossing lights, bulb-outs and curb extensions at intersections, and on-street parking that buffers pedestrians from vehicles.	☒	☐
c) Consider support for reduced parking requirements, alternative parking arrangements, and Transportation Demand Management strategies to reduce area dedicated to parking and increase area dedicated to employment, housing, parks, public art, or other amenities. Encourage de-coupled parking to ensure that the value and cost of parking are considered in real estate and business transactions.	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. [Either here or as an attachment] The proposed project would not materially affect the design of the existing street network except for adding two new driveways on E Santa Clara Street. The proposed project would include "KEEP CLEAR" pavement markings in E Santa Clara Street across all lanes of the street along the western driveway where the fire apparatus would pull through onto the street. This would increase driver awareness by prohibiting vehicle stopping or parking within the primary driveway used by the fire apparatus to respond to emergency calls. Besides 2 street trees that would need to be removed to accommodate the proposed driveways, all street trees surrounding the project site would be preserved in place, and 2 trees would be planted adjacent to the sidewalk. The sidewalk on adjacent to the project site on E Santa Clara Street is already a wide sidewalk, and the proposed project would not alter the width. The proposed project would replace an existing surface parking lot containing approximately 37 spaces. The proposed project would contain 10 parking spaces to support fire station operations, which would constitute a 40% reduction in parking below baseline from Institute of Transportation Engineers (ITE).		
***CD-2.5**: Integrate Green Building Goals and Policies of the Envision San José 2040 General Plan into site design to create healthful environments. Consider factors such as shaded parking areas, pedestrian connections, minimization of impervious surfaces, incorporation of stormwater treatment measures, appropriate building orientations, etc.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. [Either here or as an attachment] The proposed project would include trees adjacent to parking areas. The proposed project would also result in a net increase in pervious surfaces on the project site through proposed bioretention areas that would receive and treat site stormwater runoff, along with proposed permeable paving areas in the proposed parking areas and landscaping (approximately 3,838 square feet).		

	Yes	No
***CD-2.11**: Within the Downtown and Urban Village Overlay areas, consistent with the minimum density requirements of the pertaining Land Use/Transportation Diagram designation, avoid the construction of surface parking lots except as an interim use, so that long-term development of the site will result in a cohesive urban form. In these areas, whenever possible, use structured parking, rather than surface parking, to fulfill parking requirements. Encourage the incorporation of alternative uses, such as parks, above parking structures.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. [Either here or as an attachment] The proposed project would replace an existing surface parking lot containing approximately 37 spaces. The proposed project would contain 10 surface parking spaces to support fire station operations.		
***CD-3.2**: Prioritize pedestrian and bicycle connections to transit, community facilities (including schools), commercial areas, and other areas serving daily needs. Ensure that the design of new facilities can accommodate significant anticipated future increases in bicycle and pedestrian activity.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. [Either here or as an attachment] Bicycle facilities would also we provided on the project site, including long-term bicycle parking spaces for employees and short-term bicycle parking spaces for visitors. The proposed fire station would also include showers and other amenities as part of its dormitories, which would encourage the use of bicycles for commuting purposes.		
***CD-3.4**: Encourage pedestrian cross-access connections between adjacent properties and require pedestrian and bicycle connections to streets and other public spaces, with particular attention and priority given to providing convenient access to transit facilities. Provide pedestrian and vehicular connections with cross-access easements within and between new and existing developments to encourage walking and minimize interruptions by parking areas and curb cuts.*	☐	☐
Not applicable	☒	☐
Describe how the project is consistent or why the measure is not applicable. [Either here or as an attachment] Cross-access easements for fire station access would not be applicable. The proposed project would provide public access to the station via a building entryway near the corner of E Santa Clara Street and N 13th Street, and short-term bicycle parking near the station entry.		
***LU-3.5**: Balance the need for parking to support a thriving Downtown with the need to minimize the impacts of parking upon a vibrant pedestrian and transit oriented urban environment. Provide for the needs of bicyclists and pedestrians, including adequate bicycle parking areas and design measures to promote bicyclist and pedestrian safety.*	☒	☐
Not applicable	☐	☐

Describe how the project is consistent or why the measure is not applicable. [Either here or as an attachment]

Bicycle facilities would also we provided on the project site, including long- and short-term bicycle parking spaces. The proposed fire station would also include showers and other amenities as part of its dormitories, which would encourage the use of bicycles for commuting purposes.

	Yes	No
TR-2.8: *Require new development to provide on-site facilities such as bicycle storage and showers, provide connections to existing and planned facilities, dedicate land to expand existing facilities or provide new facilities such as sidewalks and/or bicycle lanes/paths, or share in the cost of improvements.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. [Either here or as an attachment] Bicycle facilities would be provided on the project site, including long- and short-term bicycle parking spaces. The proposed fire station would also include showers and other amenities as part of its dormitories, which would encourage the use of bicycles for commuting purposes.		

TR-7.1: *Require large employers to develop TDM programs to reduce the vehicle trips and vehicle miles generated by their employees through the use of shuttles, provision for car-sharing, bicycle sharing, carpool, parking strategies, transit incentives and other measures.*	☐	☐
Not applicable	☒	☐
Describe how the project is consistent or why the measure is not applicable. [Either here or as an attachment] The proposed project would not employ a large number of people. Therefore, this policy is not applicable to the proposed project.		
TR-8.5: *Promote participation in car share programs to minimize the need for parking spaces in new and existing development.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. [Either here or as an attachment] The proposed project would replace an existing surface parking lot containing approximately 37 spaces. The proposed project would contain 10 parking spaces to support fire station operations, which would constitute a 40% reduction in parking below baseline from ITE.		

4) Water Conservation and Urban Forestry Measures	Yes	No
MS-3.1*: Require water-efficient landscaping, which conforms to the State's Model Water Efficient Landscape Ordinance, for all new commercial, institutional, industrial and developer-installed residential development unless for recreation needs or other area functions.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. [Either here or as an attachment]		
Landscape design plans would use drip and water efficient irrigation, low and moderate water use plant species and a 'smart' weather-based controller. The proposed irrigation would meet local and State water efficiency standards.		

	Yes	No
***MS-3.2**: Promote the use of green building technology or techniques that can help reduce the depletion of the City's potable water supply, as building codes permit. For example, promote the use of captured rainwater, graywater, or recycled water as the preferred source for non-potable water needs such as irrigation and building cooling, consistent with Building Codes or other regulations.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. [Either here or as an attachment] The proposed project would include building design measures to meet LEED Silver, with a goal of obtaining LEED Gold certification. In addition, the proposed project would be required to comply with the 2019 Title 24 Building Energy Efficiency Standards to reduce water consumption. Furthermore, the project would incorporate water efficient landscaping to reduce water use.		
***MS-19.4**: Require the use of recycled water wherever feasible and cost-effective to serve existing and new development.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. [Either here or as an attachment] The proposed project would comply with the CalGreen Code, which requires that recycled water be used for landscaping, where feasible. The proposed project would construct a new lateral for irrigation water.		
***MS-21.3**: Ensure that San José's Community Forest is comprised of species that have low water requirements and are well adapted to its Mediterranean climate. Select and plant diverse species to prevent monocultures that are vulnerable to pest invasions. Furthermore, consider the appropriate placement of tree species and their lifespan to ensure the perpetuation of the Community Forest.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. [Either here or as an attachment] The proposed project would include low and moderate water use plant. The irrigation system would be designed to establish a deep, strong root system that would eventually sustain the plants without supplemental water, under normal conditions.		
***MS-26.1**: As a condition of new development, require the planting and maintenance of both street trees and trees on private property to achieve a level of tree coverage in compliance with and that implements City laws, policies or guidelines.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. [Either here or as an attachment] The proposed project would comply with the City's Standard Conditions of Approval which require that any tree removed would be replaced in accordance with the Tree Replacement Ratios. The proposed project would include approximately 5 on-site replacement trees.		

	Yes	No
***ER-8.7**: Encourage stormwater reuse for beneficial uses in existing infrastructure and future development through the installation of rain barrels, cisterns, or other water storage and reuse facilities.*	☒	☐
Not applicable	☐	☐
Describe how the project is consistent or why the measure is not applicable. [Either here or as an attachment] The proposed project would comply with the CalGreen Code, which requires that recycled water be used for landscaping, where feasible. Two bioretention areas are proposed to receive and treat the site stormwater runoff, along with permeable paving areas. The City is exploring the potential feasibility of water storage and reuse facilities onsite.		

GHGRS Strategies

GHGRS #1: The City will implement the San José Clean Energy program to provide residents and businesses access to cleaner energy at competitive rates.

GHGRS #2: The City will implement its building reach code ordinance (adopted September 2019) and its prohibition of natural gas infrastructure ordinance (adopted October 2019) to guide the city's new construction toward zero net carbon (ZNC) buildings.

GHGRS #3: The City will expand development of rooftop solar energy through the provision of technical assistance and supportive financial incentives to make progress toward the Climate Smart San José goal of becoming a one-gigawatt solar city.

GHGRS #4: The City will support a transition to building decarbonization through increased efficiency improvements in the existing building stock and reduced use of natural gas appliances and equipment.

GHGRS #5: As an expansion to Climate Smart San José, the City will update its Zero Waste Strategic Plan and reassess zero waste strategies. Throughout the development of the update, the City will continue to divert 90 percent of waste away from landfills through source reduction, recycling, food recovery and composting, and other strategies.

GHGRS #6: The City will continue to be a partner in the Caltrain Modernization Project to enhance local transit opportunities while simultaneously improving the city's air quality.

GHGRS #7: The City will expand its water conservation efforts to achieve and sustain long-term per capita reductions that ensure a reliable water supply with a changing climate, through regional partnerships, sustainable landscape designs, green infrastructure, and water-efficient technology and systems.

Table B: 2030 Greenhouse Gas Reduction Strategy Compliance

GHGRS Strategy and Consistency Options	Description of Project Measure	Project Conformance
PART 1: RESIDENTIAL PROJECTS ONLY		
Zero Net Carbon Residential Construction 1. Achieve/exceed the City's Reach Code, and 2. Exclude natural gas infrastructure in new construction, or 3. Install on-site renewable energy systems or participate in a community solar program to offset 100% of the project's estimated energy demand, or 4. Participate in San José Clean Energy at the Total Green level (i.e., 100% carbon-free electricity) for electricity accounts associated with the project until which time SJCE achieves 100% carbon-free electricity for all accounts. **Supports Strategies**: GHGRS #1, GHGRS #2, GHGRS #3	*Describe which, if any, project consistency options from the leftmost column you are implementing.* *OR,* *Describe why this strategy is not applicable to your project.* *OR,* *Describe why such measures are infeasible.* The proposed project is not a residential project. Therefore, these strategies are not applicable.	☐ Proposed ☒ Not Applicable ☐ Not Feasible* ☐ Alternative Measure Proposed ** The 2030 GHGRS assumed this strategy would be feasible for 50% of residential units constructed between 2020 and 2030.*
PART 2: RESIDENTIAL AND NON-RESIDENTIAL PROJECTS		
Renewable Energy Development 1. Install solar panels, solar hot water, or other clean energy power generation sources on development sites, or 2. Participate in community solar programs to support development of renewable energy in the community, or 3. Participate in San José Clean Energy at the Total Green level (i.e., 100% carbon-free electricity) for electricity accounts associated with the project. **Supports Strategies**: GHGRS #1, GHGRS #3	*Describe which, if any, project consistency options from the leftmost column you are implementing.* *OR,* *Describe why this strategy is not applicable to your project.* *OR,* *Describe why such measures are infeasible.* The proposed project would include on-site renewable electric generation via a rooftop solar PV system.	☐ See Part 1 (Residential projects only) ☒ Proposed ☐ Not Applicable ☐ Not Feasible ☐ Alternative Measure Proposed

GHGRS Strategy and Consistency Options	Description of Project Measure	Project Conformance
Building Retrofits – Natural Gas[3] This strategy only applies to projects that include a retrofit of an existing building. If the proposed project does not include a retrofit, select "Not Applicable" in the Project Conformance column. 1. Replace an existing natural gas appliance with an electric alternative (e.g., space heater, water heater, clothes dryer), or 2. Replace an existing natural gas appliance with a high-efficiency model **Supports Strategies:** GHGRS #4	*Describe which, if any, project consistency options from the leftmost column you are implementing.* *OR,* *Describe why this strategy is not applicable to your project.* *OR,* *Describe why such measures are infeasible.* The proposed project does not include a retrofit, and thus this strategy is not applicable. The proposed project would not include natural gas.	☐ Proposed ☒ Not Applicable ☐ Not Feasible ☐ Alternative Measure Proposed
Zero Waste Goal 1. Provide space for organic waste (e.g., food scraps, yard waste) collection containers, and/or 2. Exceed the City's construction & demolition waste diversion requirement. **Supports Strategies:** GHGRS #5	*Describe which, if any, project consistency options from the leftmost column you are implementing.* *OR,* *Describe why this strategy is not applicable to your project.* *OR,* *Describe why such measures are infeasible.* The proposed project would exceed the City's C&D waste diversion requirement by diversion at least 75% of C&D material.	☒ Proposed ☐ Not Applicable ☐ Not Feasible ☐ Alternative Measure Proposed

[3] GHGRS Strategy #4 applies to existing building retrofits and not to new construction; Strategy #2 applies to new construction to reduce natural gas related GHG emissions

GHGRS Strategy and Consistency Options	Description of Project Measure	Project Conformance
Caltrain Modernization 1. For projects located within ½ mile of a Caltrain station, establish a program through which to provide project tenants and/or residents with free or reduced Caltrain passes or 2. Develop a program that provides project tenants and/or residents with options to reduce their vehicle miles traveled (e.g., a TDM program), which could include transit passes, bike lockers and showers, or other strategies to reduce project related VMT. **Supports Strategies:** GHGRS #6	*Describe which, if any, project consistency options from the leftmost column you are implementing.* *OR,* *Describe why this strategy is not applicable to your project.* *OR,* *Describe why such measures are infeasible.* The proposed project is located over 0.5-mile from a Caltrain station. Bicycle facilities would be provided on the project site, including long- and short-term bicycle parking spaces. The proposed fire station would also include showers and other amenities as part of its dormitories, which would encourage the use of bicycles for commuting purposes.	☐ Proposed ☒ Not Applicable ☐ Not Feasible ☐ Alternative Measure Proposed
Water Conservation 1. Install high-efficiency appliances/fixtures to reduce water use, and/or include water-sensitive landscape design, and/or 2. Provide access to reclaimed water for outdoor water use on the project site. **Supports Strategies:** GHGRS #7	*Describe which, if any, project consistency options from the leftmost column you are implementing.* *OR,* *Describe why this strategy is not applicable to your project.* *OR,* *Describe why such measures are infeasible.* The proposed project would include building design measures to meet LEED Silver, with a goal of obtaining LEED Gold certification. The project would reduce building water use by a minimum of 20% and appliances would meet LEED efficiency requirements. Furthermore, the project would incorporate water efficient landscaping to reduce water use.	☒ Proposed ☐ Not Applicable ☐ Not Feasible ☐ Alternative Measure Proposed

Table C: Applicant Proposed Greenhouse Gas Reduction Measures

Description of Proposed Measure	Description of GHG Reduction Estimate	Proposed Measure Implementation
[Describe the proposed project measure and why it is proposed] **Supports Strategies/Sectors:** GHGRS #	*[Demonstrate the effectiveness of the proposed measure to reduce the project's GHG emissions.* *Include a description of how your measure will reduce emissions and provide supporting quantification documentation/assumptions.]*	☐ Part of Design ☐ Additional Measure
[Describe the proposed project measure and why it is proposed] **Supports Strategies/Sectors:** GHGRS #	*[Demonstrate the effectiveness of the proposed measure to reduce the project's GHG emissions.* *Include a description of how your measure will reduce emissions and provide supporting quantification documentation/assumptions.]*	☐ Part of Design ☐ Additional Measure
[Describe the proposed project measure and why it is proposed] **Supports Strategies/Sectors:** GHGRS #	*[Demonstrate the effectiveness of the proposed measure to reduce the project's GHG emissions.* *Include a description of how your measure will reduce emissions and provide supporting quantification documentation/assumptions.]*	☐ Part of Design ☐ Additional Measure
[Describe the proposed project measure and why it is proposed] **Supports Strategies/Sectors:** GHGRS #	*[Demonstrate the effectiveness of the proposed measure to reduce the project's GHG emissions.* *Include a description of how your measure will reduce emissions and provide supporting quantification documentation/assumptions.]*	☐ Part of Design ☐ Additional Measure