



Appendix A

N₂O Calculations

CalEEMod

*Air Quality and Greenhouse Gas Model
Summary Report, Annual, Summer, and Winter Results*

N₂O Calculations

Greenhouse Gas Emission Worksheet N₂O Mobile Emissions

Annual VMT*:

301,228

From CalEEMod 2016 Vehicle Fleet Mix Output:

Vehicle Type	Percent Type	CH ₄ Emission Factor (g/mile)**	CH ₄ Emission (g/mile)***	N ₂ O Emission Factor (g/mile)**	N ₂ O Emission (g/mile)***
Light Auto	55.6%	0.04	0.02224	0.04	0.02224
Light Truck < 3750 lbs	4.2%	0.05	0.0021	0.06	0.00252
Light Truck 3751-5750 lbs	19.1%	0.05	0.00955	0.06	0.01146
Med Truck 5751-8500 lbs	11.1%	0.12	0.01332	0.2	0.0222
Lite-Heavy Truck 8501-10,000 lbs	1.8%	0.12	0.00216	0.2	0.0036
Lite-Heavy Truck 10,001-14,000 lbs	0.5%	0.09	0.00045	0.125	0.000625
Med-Heavy Truck 14,001-33,000 lbs	2.2%	0.06	0.00132	0.05	0.0011
Heavy-Heavy Truck 33,001-60,000 lbs	4.2%	0.06	0.00252	0.05	0.0021
Other Bus	0.2%	0.06	0.00012	0.05	0.0001
Urban Bus	0.3%	0.06	0.00018	0.05	0.00015
Motorcycle	0.6%	0.09	0.00054	0.01	0.00006
School Bus	0.0%	0.06	0.000018	0.05	0.000015
Motor Home	0.1%	0.09	0.000072	0.125	0.0001
Total	99.9%		0.05459		0.06627

Total Emissions (metric tons) =

Emission Factor by Vehicle Mix (g/mi) x Annual VMT(mi) x 0.000001 metric tons/g

Conversion to Carbon Dioxide Equivalency (CO₂e) Units based on Global Warming Potential (GWP)***

CH₄ 25 GWP
 N₂O 298 GWP
 1 ton (short, US) = 0.90718474 metric ton

Annual Mobile Emissions:

	Total Emissions	Total CO ₂ e units
N ₂ O Emissions:	0.0200 metric tons N ₂ O	5.95 metric tons CO ₂ e
Project Total:		5.95 metric tons CO₂e

References

* From CalEEMod 2016 results for mobile sources

** Table C.4: Methane and Nitrous Oxide Emission Factors for Mobile Sources by Vehicle and Fuel Type (g/mile).

in California Climate Action Registry General Reporting Protocol, Reporting Entity-Wide Greenhouse Gas Emissions, Version 3.1, January 2009.

Assume Model year 2000-present, gasoline fueled.

*** California Climate Action Registry General Reporting Protocol, Reporting Entity-Wide Greenhouse Gas Emissions, Version 3.1, January 2009.

**** Global warming potentials from IPCC Fourth Assessment Report

CalEEMod Results: Summary Report

CalEEMod Version: CalEEMod.2016.3.1

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Baker Road Townhomes - Alameda County, Summary Report

Baker Road Townhomes Alameda, Summary Report

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Condo/Townhouse High Rise	4.00	Dwelling Unit	0.36	1,917.00	11
Condo/Townhouse High Rise	12.00	Dwelling Unit	0.41	1,972.00	34
Condo/Townhouse High Rise	4.00	Dwelling Unit	0.36	2,068.00	11

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	63
Climate Zone	5			Operational Year	2019
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments

Only CalEEMod defaults were used.

Baker Road Townhomes - Alameda County, Summary Report

Project Characteristics - Opp year 2019

Land Use - 3 floor plans: Plan1: 4 units 1,917SF, Plan2: 12 units 1,972SF, Plan3: 4 units 2,068SF. lot acreage changed to reflect 1.13 total lot acreage

Construction Phase - arch coating to overlap with construction. Grading to occur over 3 weeks per remedial action plan

Trips and VMT -

Demolition - used existing land use default estimation of 3,600sf for 1 duplex and 1 single family home

Grading - 1,770 exported 2,510 (remediation) + 685 (fill) CY of material would be imported. 1.13 acre site

Vehicle Trips - 159 daily trips per traffic study changed daily defaults to 7.95 trips per dwelling unit

Woodstoves - assume 0 fireplaces 0 hearth

Area Coating -

Energy Use -

Construction Off-road Equipment Mitigation - water 2x per day per AQ BMP

Mobile Land Use Mitigation - 19.7 du/acre density. 0.6 miles (walking) to Bart station

Area Mitigation - no hearth, low VOC paint

Energy Mitigation - 2016 T 24 is 28% more stringent than 2008 T 24

Waste Mitigation - per AB 341

2.0 Peak Daily Emissions

Peak Daily Construction Emissions

Peak Daily Construction Emissions

Annual CalEEMod Results

CalEEMod Version: CalEEMod.2016.3.1

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Baker Road Townhomes - Alameda County, Annual

Baker Road Townhomes Alameda County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Condo/Townhouse High Rise	4.00	Dwelling Unit	0.36	1,917.00	11
Condo/Townhouse High Rise	12.00	Dwelling Unit	0.41	1,972.00	34
Condo/Townhouse High Rise	4.00	Dwelling Unit	0.36	2,068.00	11

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	63
Climate Zone	5			Operational Year	2019
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Baker Road Townhomes - Alameda County, Annual

Project Characteristics - Opp year 2019

Land Use - 3 floor plans: Plan1: 4 units 1,917SF, Plan2: 12 units 1,972SF, Plan3: 4 units 2,068SF. lot acreage changed to reflect 1.13 total lot acreage

Construction Phase - arch coating to overlap with construction. Grading to occur over 3 weeks per remedial action plan

Trips and VMT -

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Vehicle Trips - 159 daily trips per traffic study changed daily defaults to 7.95 trips per dwelling unit

Woodstoves - assume 0 fireplaces 0 hearth

Area Coating -

Energy Use -

Construction Off-road Equipment Mitigation - water 2x per day per AQ BMP

Mobile Land Use Mitigation - 19.7 du/acre density. 0.6 miles (walking) to Bart station

Area Mitigation - no hearth, low VOC paint

Energy Mitigation - 2016 T 24 is 28% more stringent than 2008 T 24

Waste Mitigation - per AB 341

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	0
tblConstructionPhase	NumDays	10.00	100.00
tblConstructionPhase	NumDays	4.00	21.00
tblConstructionPhase	PhaseEndDate	4/9/2018	8/13/2018
tblConstructionPhase	PhaseEndDate	3/12/2018	8/2/2018
tblConstructionPhase	PhaseEndDate	5/26/2017	9/28/2017
tblConstructionPhase	PhaseEndDate	6/5/2017	10/27/2017
tblConstructionPhase	PhaseEndDate	3/26/2018	8/16/2018
tblConstructionPhase	PhaseEndDate	5/30/2017	9/28/2017

Baker Road Townhomes - Alameda County, Annual

tblConstructionPhase	PhaseStartDate	6/6/2017	10/27/2017
tblConstructionPhase	PhaseStartDate	5/1/2017	9/1/2017
tblConstructionPhase	PhaseStartDate	5/31/2017	9/29/2017
tblConstructionPhase	PhaseStartDate	3/13/2018	8/3/2018
tblConstructionPhase	PhaseStartDate	5/27/2017	9/27/2017
tblGrading	AcresOfGrading	7.88	1.13
tblGrading	MaterialExported	0.00	1,770.00
tblGrading	MaterialImported	0.00	3,195.00
tblLandUse	BuildingSpaceSquareFeet	12,000.00	1,972.00
tblLandUse	BuildingSpaceSquareFeet	4,000.00	1,917.00
tblLandUse	BuildingSpaceSquareFeet	4,000.00	2,068.00
tblLandUse	LandUseSquareFeet	12,000.00	1,972.00
tblLandUse	LandUseSquareFeet	4,000.00	1,917.00
tblLandUse	LandUseSquareFeet	4,000.00	2,068.00
tblLandUse	LotAcreage	0.19	0.41
tblLandUse	LotAcreage	0.06	0.36
tblLandUse	LotAcreage	0.06	0.36
tblProjectCharacteristics	OperationalYear	2018	2019
tblVehicleEF	HHD	1.00	0.93
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.14	0.11
tblVehicleEF	HHD	3.14	2.87
tblVehicleEF	HHD	0.92	0.90
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tblVehicleEF	HHD	5,072.27	5,083.91
tblVehicleEF	HHD	1,672.22	1,651.29
tblVehicleEF	HHD	7.00	6.65

Baker Road Townhomes - Alameda County, Annual

tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	24.91	23.52
tblVehicleEF	HHD	4.77	4.41
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tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	9.8000e-005	6.4000e-005
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8890e-003	8.8900e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	9.1000e-005	6.0000e-005
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tblVehicleEF	HHD	0.09	0.07
tblVehicleEF	HHD	0.05	0.05
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.1000e-004	1.0400e-004
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tblVehicleEF	HHD	4.2000e-005	3.7000e-005
tblVehicleEF	HHD	0.22	0.21
tblVehicleEF	HHD	3.6900e-004	2.9000e-004
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tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.13	0.11
tblVehicleEF	HHD	2.29	2.10
tblVehicleEF	HHD	0.93	0.91
tblVehicleEF	HHD	2.19	2.02
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tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	9.8000e-005	6.4000e-005
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8890e-003	8.8900e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	9.1000e-005	6.0000e-005

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tblVehicleEF	HHD	1.7100e-004	1.3900e-004
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tblVehicleEF	HHD	1,672.22	1,651.29
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tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	9.8000e-005	6.4000e-005
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8890e-003	8.8900e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	9.1000e-005	6.0000e-005
tblVehicleEF	HHD	2.6000e-005	2.4000e-005
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tblVehicleEF	HHD	1.8000e-005	1.7000e-005

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tblVehicleEF	HHD	0.22	0.21
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tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.14	0.12
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tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.15	0.14
tblVehicleEF	LDA	0.04	0.04

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tblVehicleEF	LDA	0.02	0.02
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tblVehicleEF	LDA	0.11	0.10
tblVehicleEF	LDA	1.9360e-003	1.8960e-003
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tblVehicleEF	LDA	1.7880e-003	1.7500e-003
tblVehicleEF	LDA	2.2020e-003	2.1600e-003
tblVehicleEF	LDA	0.11	0.10
tblVehicleEF	LDA	0.17	0.15
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.11	0.10
tblVehicleEF	LDA	3.1100e-003	2.9980e-003
tblVehicleEF	LDA	6.6900e-004	6.4700e-004
tblVehicleEF	LDA	0.11	0.10
tblVehicleEF	LDA	0.17	0.15
tblVehicleEF	LDA	0.09	0.08

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tblVehicleEF	LDA	0.02	0.02
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tblVehicleEF	LDA	2.2020e-003	2.1600e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.16	0.14
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.16	0.13
tblVehicleEF	LDA	2.8510e-003	2.7490e-003
tblVehicleEF	LDA	6.8300e-004	6.6000e-004
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.16	0.14
tblVehicleEF	LDA	0.02	0.02

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tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.17	0.15
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tblVehicleEF	LDT1	0.02	0.02
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tblVehicleEF	LDT1	76.24	74.73
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tblVehicleEF	LDT1	0.16	0.14
tblVehicleEF	LDT1	0.24	0.21
tblVehicleEF	LDT1	2.8080e-003	2.6570e-003
tblVehicleEF	LDT1	3.7610e-003	3.5500e-003
tblVehicleEF	LDT1	2.5880e-003	2.4480e-003
tblVehicleEF	LDT1	3.4600e-003	3.2650e-003
tblVehicleEF	LDT1	0.11	0.10
tblVehicleEF	LDT1	0.31	0.29
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.04	0.03
tblVehicleEF	LDT1	0.20	0.18
tblVehicleEF	LDT1	0.30	0.26
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tblVehicleEF	LDT1	0.11	0.10
tblVehicleEF	LDT1	0.31	0.29
tblVehicleEF	LDT1	0.09	0.09

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tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	0.20	0.18
tblVehicleEF	LDT1	0.33	0.28
tblVehicleEF	LDT1	0.01	0.01
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	1.76	1.56
tblVehicleEF	LDT1	3.19	2.85
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tblVehicleEF	LDT1	76.24	74.73
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tblVehicleEF	LDT1	0.14	0.13
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tblVehicleEF	LDT1	3.4600e-003	3.2650e-003
tblVehicleEF	LDT1	0.28	0.26
tblVehicleEF	LDT1	0.36	0.34
tblVehicleEF	LDT1	0.20	0.19
tblVehicleEF	LDT1	0.04	0.03
tblVehicleEF	LDT1	0.18	0.17
tblVehicleEF	LDT1	0.24	0.21
tblVehicleEF	LDT1	3.6960e-003	3.6000e-003
tblVehicleEF	LDT1	8.1900e-004	7.9700e-004
tblVehicleEF	LDT1	0.28	0.26
tblVehicleEF	LDT1	0.36	0.34
tblVehicleEF	LDT1	0.20	0.19

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tblVehicleEF	LDT1	0.06	0.05
tblVehicleEF	LDT1	0.18	0.17
tblVehicleEF	LDT1	0.26	0.23
tblVehicleEF	LDT1	0.01	0.01
tblVehicleEF	LDT1	0.03	0.02
tblVehicleEF	LDT1	1.53	1.35
tblVehicleEF	LDT1	4.94	4.41
tblVehicleEF	LDT1	338.28	329.61
tblVehicleEF	LDT1	76.24	74.73
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.18	0.16
tblVehicleEF	LDT1	0.26	0.23
tblVehicleEF	LDT1	2.8080e-003	2.6570e-003
tblVehicleEF	LDT1	3.7610e-003	3.5500e-003
tblVehicleEF	LDT1	2.5880e-003	2.4480e-003
tblVehicleEF	LDT1	3.4600e-003	3.2650e-003
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.34	0.32
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.24	0.22
tblVehicleEF	LDT1	0.34	0.29
tblVehicleEF	LDT1	3.4020e-003	3.3120e-003
tblVehicleEF	LDT1	8.5000e-004	8.2500e-004
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.34	0.32
tblVehicleEF	LDT1	0.04	0.04

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tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	0.24	0.22
tblVehicleEF	LDT1	0.37	0.32
tblVehicleEF	LDT2	7.3500e-003	6.5800e-003
tblVehicleEF	LDT2	0.01	9.9930e-003
tblVehicleEF	LDT2	0.89	0.81
tblVehicleEF	LDT2	2.33	2.06
tblVehicleEF	LDT2	389.23	377.94
tblVehicleEF	LDT2	87.68	85.45
tblVehicleEF	LDT2	0.19	0.19
tblVehicleEF	LDT2	0.11	0.09
tblVehicleEF	LDT2	0.20	0.18
tblVehicleEF	LDT2	1.7030e-003	1.7160e-003
tblVehicleEF	LDT2	2.2620e-003	2.2650e-003
tblVehicleEF	LDT2	1.5670e-003	1.5790e-003
tblVehicleEF	LDT2	2.0810e-003	2.0830e-003
tblVehicleEF	LDT2	0.05	0.04
tblVehicleEF	LDT2	0.14	0.13
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.08	0.07
tblVehicleEF	LDT2	0.16	0.13
tblVehicleEF	LDT2	3.9000e-003	3.7860e-003
tblVehicleEF	LDT2	9.1700e-004	8.9000e-004
tblVehicleEF	LDT2	0.05	0.04
tblVehicleEF	LDT2	0.14	0.13
tblVehicleEF	LDT2	0.04	0.04

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tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.08	0.07
tblVehicleEF	LDT2	0.17	0.15
tblVehicleEF	LDT2	8.1630e-003	7.3240e-003
tblVehicleEF	LDT2	9.3640e-003	8.1290e-003
tblVehicleEF	LDT2	1.04	0.95
tblVehicleEF	LDT2	1.79	1.58
tblVehicleEF	LDT2	420.17	408.01
tblVehicleEF	LDT2	87.68	85.45
tblVehicleEF	LDT2	0.19	0.19
tblVehicleEF	LDT2	0.09	0.08
tblVehicleEF	LDT2	0.18	0.15
tblVehicleEF	LDT2	1.7030e-003	1.7160e-003
tblVehicleEF	LDT2	2.2620e-003	2.2650e-003
tblVehicleEF	LDT2	1.5670e-003	1.5790e-003
tblVehicleEF	LDT2	2.0810e-003	2.0830e-003
tblVehicleEF	LDT2	0.11	0.11
tblVehicleEF	LDT2	0.16	0.15
tblVehicleEF	LDT2	0.10	0.09
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.07
tblVehicleEF	LDT2	0.13	0.11
tblVehicleEF	LDT2	4.2110e-003	4.0880e-003
tblVehicleEF	LDT2	9.0700e-004	8.8100e-004
tblVehicleEF	LDT2	0.11	0.11
tblVehicleEF	LDT2	0.16	0.15
tblVehicleEF	LDT2	0.10	0.09

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tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.07	0.07
tblVehicleEF	LDT2	0.14	0.12
tblVehicleEF	LDT2	7.2120e-003	6.4430e-003
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.88	0.80
tblVehicleEF	LDT2	2.72	2.41
tblVehicleEF	LDT2	386.14	374.94
tblVehicleEF	LDT2	87.68	85.45
tblVehicleEF	LDT2	0.19	0.19
tblVehicleEF	LDT2	0.12	0.10
tblVehicleEF	LDT2	0.22	0.19
tblVehicleEF	LDT2	1.7030e-003	1.7160e-003
tblVehicleEF	LDT2	2.2620e-003	2.2650e-003
tblVehicleEF	LDT2	1.5670e-003	1.5790e-003
tblVehicleEF	LDT2	2.0810e-003	2.0830e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.15	0.14
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.18	0.15
tblVehicleEF	LDT2	3.8690e-003	3.7550e-003
tblVehicleEF	LDT2	9.2400e-004	8.9600e-004
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.15	0.14
tblVehicleEF	LDT2	0.02	0.02

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tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.19	0.17
tblVehicleEF	LHD1	6.4230e-003	6.2400e-003
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.16	0.16
tblVehicleEF	LHD1	1.46	1.36
tblVehicleEF	LHD1	3.35	3.17
tblVehicleEF	LHD1	9.00	9.00
tblVehicleEF	LHD1	726.39	718.43
tblVehicleEF	LHD1	35.64	34.92
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	1.68	1.58
tblVehicleEF	LHD1	1.19	1.16
tblVehicleEF	LHD1	8.5500e-004	8.6500e-004
tblVehicleEF	LHD1	9.8040e-003	9.8640e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.1860e-003	1.1150e-003
tblVehicleEF	LHD1	8.1800e-004	8.2700e-004
tblVehicleEF	LHD1	2.4510e-003	2.4660e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.0920e-003	1.0260e-003
tblVehicleEF	LHD1	2.5390e-003	2.5090e-003
tblVehicleEF	LHD1	0.11	0.11
tblVehicleEF	LHD1	0.02	0.02

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tblVehicleEF	LHD1	1.3800e-003	1.3850e-003
tblVehicleEF	LHD1	0.15	0.14
tblVehicleEF	LHD1	0.31	0.31
tblVehicleEF	LHD1	0.34	0.33
tblVehicleEF	LHD1	7.1560e-003	7.0720e-003
tblVehicleEF	LHD1	4.2000e-004	4.0900e-004
tblVehicleEF	LHD1	2.5390e-003	2.5090e-003
tblVehicleEF	LHD1	0.11	0.11
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.3800e-003	1.3850e-003
tblVehicleEF	LHD1	0.18	0.18
tblVehicleEF	LHD1	0.31	0.31
tblVehicleEF	LHD1	0.38	0.36
tblVehicleEF	LHD1	6.4230e-003	6.2400e-003
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.16	0.16
tblVehicleEF	LHD1	1.50	1.40
tblVehicleEF	LHD1	3.06	2.91
tblVehicleEF	LHD1	9.00	9.00
tblVehicleEF	LHD1	726.39	718.43
tblVehicleEF	LHD1	35.64	34.92
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	1.60	1.50
tblVehicleEF	LHD1	1.10	1.07
tblVehicleEF	LHD1	8.5500e-004	8.6500e-004

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tblVehicleEF	LHD1	9.8040e-003	9.8640e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.1860e-003	1.1150e-003
tblVehicleEF	LHD1	8.1800e-004	8.2700e-004
tblVehicleEF	LHD1	2.4510e-003	2.4660e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.0920e-003	1.0260e-003
tblVehicleEF	LHD1	6.4010e-003	6.2780e-003
tblVehicleEF	LHD1	0.12	0.12
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.0710e-003	3.0460e-003
tblVehicleEF	LHD1	0.15	0.14
tblVehicleEF	LHD1	0.30	0.30
tblVehicleEF	LHD1	0.32	0.30
tblVehicleEF	LHD1	7.1570e-003	7.0730e-003
tblVehicleEF	LHD1	4.1400e-004	4.0400e-004
tblVehicleEF	LHD1	6.4010e-003	6.2780e-003
tblVehicleEF	LHD1	0.12	0.12
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	3.0710e-003	3.0460e-003
tblVehicleEF	LHD1	0.19	0.18
tblVehicleEF	LHD1	0.30	0.30
tblVehicleEF	LHD1	0.35	0.33
tblVehicleEF	LHD1	6.4230e-003	6.2400e-003
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.16	0.16

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tblVehicleEF	LHD1	1.44	1.34
tblVehicleEF	LHD1	3.61	3.42
tblVehicleEF	LHD1	9.00	9.00
tblVehicleEF	LHD1	726.39	718.43
tblVehicleEF	LHD1	35.64	34.92
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	1.72	1.61
tblVehicleEF	LHD1	1.26	1.23
tblVehicleEF	LHD1	8.5500e-004	8.6500e-004
tblVehicleEF	LHD1	9.8040e-003	9.8640e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.1860e-003	1.1150e-003
tblVehicleEF	LHD1	8.1800e-004	8.2700e-004
tblVehicleEF	LHD1	2.4510e-003	2.4660e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.0920e-003	1.0260e-003
tblVehicleEF	LHD1	9.8600e-004	9.9300e-004
tblVehicleEF	LHD1	0.12	0.12
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	6.4600e-004	6.5600e-004
tblVehicleEF	LHD1	0.14	0.14
tblVehicleEF	LHD1	0.35	0.35
tblVehicleEF	LHD1	0.36	0.34
tblVehicleEF	LHD1	7.1560e-003	7.0720e-003
tblVehicleEF	LHD1	4.2400e-004	4.1400e-004
tblVehicleEF	LHD1	9.8600e-004	9.9300e-004

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tblVehicleEF	LHD1	0.12	0.12
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	6.4600e-004	6.5600e-004
tblVehicleEF	LHD1	0.18	0.17
tblVehicleEF	LHD1	0.35	0.35
tblVehicleEF	LHD1	0.40	0.38
tblVehicleEF	LHD2	4.5560e-003	4.3560e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.81	0.74
tblVehicleEF	LHD2	1.81	1.65
tblVehicleEF	LHD2	13.89	13.89
tblVehicleEF	LHD2	749.51	739.57
tblVehicleEF	LHD2	28.74	27.98
tblVehicleEF	LHD2	5.2340e-003	5.2280e-003
tblVehicleEF	LHD2	0.11	0.11
tblVehicleEF	LHD2	1.37	1.20
tblVehicleEF	LHD2	0.69	0.64
tblVehicleEF	LHD2	1.2540e-003	1.2510e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.7800e-004	5.3200e-004
tblVehicleEF	LHD2	1.2000e-003	1.1970e-003
tblVehicleEF	LHD2	2.6380e-003	2.6480e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.3200e-004	4.9000e-004

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tblVehicleEF	LHD2	1.1570e-003	1.0650e-003
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.3800e-004	6.0200e-004
tblVehicleEF	LHD2	0.12	0.12
tblVehicleEF	LHD2	0.12	0.10
tblVehicleEF	LHD2	0.17	0.15
tblVehicleEF	LHD2	7.3100e-003	7.2090e-003
tblVehicleEF	LHD2	3.2100e-004	3.1000e-004
tblVehicleEF	LHD2	1.1570e-003	1.0650e-003
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.3800e-004	6.0200e-004
tblVehicleEF	LHD2	0.15	0.14
tblVehicleEF	LHD2	0.12	0.10
tblVehicleEF	LHD2	0.19	0.17
tblVehicleEF	LHD2	4.5560e-003	4.3560e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.82	0.75
tblVehicleEF	LHD2	1.66	1.52
tblVehicleEF	LHD2	13.89	13.89
tblVehicleEF	LHD2	749.51	739.57
tblVehicleEF	LHD2	28.74	27.98
tblVehicleEF	LHD2	5.2340e-003	5.2280e-003
tblVehicleEF	LHD2	0.11	0.11

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tblVehicleEF	LHD2	1.31	1.15
tblVehicleEF	LHD2	0.64	0.60
tblVehicleEF	LHD2	1.2540e-003	1.2510e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.7800e-004	5.3200e-004
tblVehicleEF	LHD2	1.2000e-003	1.1970e-003
tblVehicleEF	LHD2	2.6380e-003	2.6480e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.3200e-004	4.9000e-004
tblVehicleEF	LHD2	2.9140e-003	2.6580e-003
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4210e-003	1.3250e-003
tblVehicleEF	LHD2	0.12	0.12
tblVehicleEF	LHD2	0.11	0.10
tblVehicleEF	LHD2	0.16	0.14
tblVehicleEF	LHD2	7.3100e-003	7.2090e-003
tblVehicleEF	LHD2	3.1800e-004	3.0800e-004
tblVehicleEF	LHD2	2.9140e-003	2.6580e-003
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4210e-003	1.3250e-003
tblVehicleEF	LHD2	0.15	0.14
tblVehicleEF	LHD2	0.11	0.10
tblVehicleEF	LHD2	0.17	0.16
tblVehicleEF	LHD2	4.5560e-003	4.3560e-003

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tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.80	0.74
tblVehicleEF	LHD2	1.94	1.77
tblVehicleEF	LHD2	13.89	13.89
tblVehicleEF	LHD2	749.51	739.57
tblVehicleEF	LHD2	28.74	27.98
tblVehicleEF	LHD2	5.2340e-003	5.2280e-003
tblVehicleEF	LHD2	0.11	0.11
tblVehicleEF	LHD2	1.39	1.22
tblVehicleEF	LHD2	0.73	0.68
tblVehicleEF	LHD2	1.2540e-003	1.2510e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.7800e-004	5.3200e-004
tblVehicleEF	LHD2	1.2000e-003	1.1970e-003
tblVehicleEF	LHD2	2.6380e-003	2.6480e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.3200e-004	4.9000e-004
tblVehicleEF	LHD2	4.5700e-004	4.3200e-004
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.0200e-004	2.8900e-004
tblVehicleEF	LHD2	0.12	0.12
tblVehicleEF	LHD2	0.13	0.12
tblVehicleEF	LHD2	0.18	0.16

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tblVehicleEF	LHD2	7.3100e-003	7.2090e-003
tblVehicleEF	LHD2	3.2300e-004	3.1200e-004
tblVehicleEF	LHD2	4.5700e-004	4.3200e-004
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.0200e-004	2.8900e-004
tblVehicleEF	LHD2	0.15	0.14
tblVehicleEF	LHD2	0.13	0.12
tblVehicleEF	LHD2	0.19	0.17
tblVehicleEF	MCY	0.45	0.45
tblVehicleEF	MCY	0.17	0.17
tblVehicleEF	MCY	21.96	21.38
tblVehicleEF	MCY	10.16	10.18
tblVehicleEF	MCY	172.16	172.94
tblVehicleEF	MCY	47.55	47.11
tblVehicleEF	MCY	5.5860e-003	5.5690e-003
tblVehicleEF	MCY	1.18	1.18
tblVehicleEF	MCY	0.32	0.32
tblVehicleEF	MCY	2.0000e-003	2.0350e-003
tblVehicleEF	MCY	4.7610e-003	4.5310e-003
tblVehicleEF	MCY	1.8790e-003	1.9090e-003
tblVehicleEF	MCY	4.5110e-003	4.2880e-003
tblVehicleEF	MCY	0.82	0.82
tblVehicleEF	MCY	0.81	0.79
tblVehicleEF	MCY	0.52	0.51
tblVehicleEF	MCY	2.45	2.41
tblVehicleEF	MCY	0.69	0.66

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tblVehicleEF	MCY	2.33	2.31
tblVehicleEF	MCY	2.1510e-003	2.1480e-003
tblVehicleEF	MCY	7.1100e-004	7.0600e-004
tblVehicleEF	MCY	0.82	0.82
tblVehicleEF	MCY	0.81	0.79
tblVehicleEF	MCY	0.52	0.51
tblVehicleEF	MCY	2.98	2.95
tblVehicleEF	MCY	0.69	0.66
tblVehicleEF	MCY	2.54	2.51
tblVehicleEF	MCY	0.43	0.43
tblVehicleEF	MCY	0.14	0.14
tblVehicleEF	MCY	20.68	20.16
tblVehicleEF	MCY	8.86	8.86
tblVehicleEF	MCY	172.16	172.94
tblVehicleEF	MCY	47.55	47.11
tblVehicleEF	MCY	5.5860e-003	5.5690e-003
tblVehicleEF	MCY	1.03	1.03
tblVehicleEF	MCY	0.29	0.29
tblVehicleEF	MCY	2.0000e-003	2.0350e-003
tblVehicleEF	MCY	4.7610e-003	4.5310e-003
tblVehicleEF	MCY	1.8790e-003	1.9090e-003
tblVehicleEF	MCY	4.5110e-003	4.2880e-003
tblVehicleEF	MCY	2.40	2.38
tblVehicleEF	MCY	1.04	1.02
tblVehicleEF	MCY	1.51	1.49
tblVehicleEF	MCY	2.32	2.30
tblVehicleEF	MCY	0.64	0.62

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tblVehicleEF	MCY	1.90	1.88
tblVehicleEF	MCY	2.1260e-003	2.1250e-003
tblVehicleEF	MCY	6.7600e-004	6.7100e-004
tblVehicleEF	MCY	2.40	2.38
tblVehicleEF	MCY	1.04	1.02
tblVehicleEF	MCY	1.51	1.49
tblVehicleEF	MCY	2.83	2.81
tblVehicleEF	MCY	0.64	0.62
tblVehicleEF	MCY	2.06	2.05
tblVehicleEF	MCY	0.46	0.47
tblVehicleEF	MCY	0.20	0.20
tblVehicleEF	MCY	23.93	23.25
tblVehicleEF	MCY	11.55	11.58
tblVehicleEF	MCY	172.16	172.94
tblVehicleEF	MCY	47.55	47.11
tblVehicleEF	MCY	5.5860e-003	5.5690e-003
tblVehicleEF	MCY	1.27	1.26
tblVehicleEF	MCY	0.34	0.34
tblVehicleEF	MCY	2.0000e-003	2.0350e-003
tblVehicleEF	MCY	4.7610e-003	4.5310e-003
tblVehicleEF	MCY	1.8790e-003	1.9090e-003
tblVehicleEF	MCY	4.5110e-003	4.2880e-003
tblVehicleEF	MCY	0.21	0.21
tblVehicleEF	MCY	0.98	0.96
tblVehicleEF	MCY	0.18	0.18
tblVehicleEF	MCY	2.58	2.53
tblVehicleEF	MCY	0.80	0.77

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tblVehicleEF	MCY	2.72	2.69
tblVehicleEF	MCY	2.1860e-003	2.1820e-003
tblVehicleEF	MCY	7.4500e-004	7.4000e-004
tblVehicleEF	MCY	0.21	0.21
tblVehicleEF	MCY	0.98	0.96
tblVehicleEF	MCY	0.18	0.18
tblVehicleEF	MCY	3.13	3.09
tblVehicleEF	MCY	0.80	0.77
tblVehicleEF	MCY	2.96	2.93
tblVehicleEF	MDV	0.01	0.01
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	1.59	1.47
tblVehicleEF	MDV	4.21	3.88
tblVehicleEF	MDV	514.01	501.65
tblVehicleEF	MDV	113.63	111.35
tblVehicleEF	MDV	0.11	0.11
tblVehicleEF	MDV	0.21	0.19
tblVehicleEF	MDV	0.39	0.35
tblVehicleEF	MDV	2.0140e-003	2.0030e-003
tblVehicleEF	MDV	2.7550e-003	2.7110e-003
tblVehicleEF	MDV	1.8590e-003	1.8490e-003
tblVehicleEF	MDV	2.5380e-003	2.4960e-003
tblVehicleEF	MDV	0.06	0.06
tblVehicleEF	MDV	0.20	0.19
tblVehicleEF	MDV	0.06	0.06
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.11	0.11

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tblVehicleEF	MDV	0.34	0.31
tblVehicleEF	MDV	5.1540e-003	5.0280e-003
tblVehicleEF	MDV	1.2120e-003	1.1830e-003
tblVehicleEF	MDV	0.06	0.06
tblVehicleEF	MDV	0.20	0.19
tblVehicleEF	MDV	0.06	0.06
tblVehicleEF	MDV	0.06	0.05
tblVehicleEF	MDV	0.11	0.11
tblVehicleEF	MDV	0.37	0.34
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.82	1.69
tblVehicleEF	MDV	3.26	3.00
tblVehicleEF	MDV	553.83	540.51
tblVehicleEF	MDV	113.63	111.35
tblVehicleEF	MDV	0.11	0.11
tblVehicleEF	MDV	0.19	0.17
tblVehicleEF	MDV	0.34	0.31
tblVehicleEF	MDV	2.0140e-003	2.0030e-003
tblVehicleEF	MDV	2.7550e-003	2.7110e-003
tblVehicleEF	MDV	1.8590e-003	1.8490e-003
tblVehicleEF	MDV	2.5380e-003	2.4960e-003
tblVehicleEF	MDV	0.15	0.15
tblVehicleEF	MDV	0.22	0.21
tblVehicleEF	MDV	0.14	0.13
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.10	0.10

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tblVehicleEF	MDV	0.27	0.25
tblVehicleEF	MDV	5.5550e-003	5.4200e-003
tblVehicleEF	MDV	1.1940e-003	1.1670e-003
tblVehicleEF	MDV	0.15	0.15
tblVehicleEF	MDV	0.22	0.21
tblVehicleEF	MDV	0.14	0.13
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.10	0.10
tblVehicleEF	MDV	0.30	0.27
tblVehicleEF	MDV	0.01	0.01
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	1.60	1.48
tblVehicleEF	MDV	4.92	4.53
tblVehicleEF	MDV	510.03	497.77
tblVehicleEF	MDV	113.63	111.35
tblVehicleEF	MDV	0.11	0.11
tblVehicleEF	MDV	0.23	0.21
tblVehicleEF	MDV	0.42	0.38
tblVehicleEF	MDV	2.0140e-003	2.0030e-003
tblVehicleEF	MDV	2.7550e-003	2.7110e-003
tblVehicleEF	MDV	1.8590e-003	1.8490e-003
tblVehicleEF	MDV	2.5380e-003	2.4960e-003
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.20	0.20
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.13	0.13

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tblVehicleEF	MDV	0.38	0.35
tblVehicleEF	MDV	5.1140e-003	4.9900e-003
tblVehicleEF	MDV	1.2240e-003	1.1940e-003
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.20	0.20
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.06	0.05
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.42	0.38
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.04	0.04
tblVehicleEF	MH	5.17	4.22
tblVehicleEF	MH	8.82	8.03
tblVehicleEF	MH	1,238.06	1,231.80
tblVehicleEF	MH	66.74	63.85
tblVehicleEF	MH	7.7900e-004	7.5900e-004
tblVehicleEF	MH	1.72	1.61
tblVehicleEF	MH	1.07	1.02
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	2.1950e-003	1.7950e-003
tblVehicleEF	MH	3.1990e-003	3.2030e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	2.0440e-003	1.6640e-003
tblVehicleEF	MH	1.08	1.00
tblVehicleEF	MH	0.10	0.10
tblVehicleEF	MH	0.40	0.37

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tblVehicleEF	MH	0.21	0.17
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	0.56	0.49
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	8.2300e-004	7.7900e-004
tblVehicleEF	MH	1.08	1.00
tblVehicleEF	MH	0.10	0.10
tblVehicleEF	MH	0.40	0.37
tblVehicleEF	MH	0.27	0.23
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	0.61	0.53
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.04	0.03
tblVehicleEF	MH	5.25	4.34
tblVehicleEF	MH	7.99	7.24
tblVehicleEF	MH	1,238.06	1,231.80
tblVehicleEF	MH	66.74	63.85
tblVehicleEF	MH	7.7900e-004	7.5900e-004
tblVehicleEF	MH	1.60	1.50
tblVehicleEF	MH	0.99	0.94
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	2.1950e-003	1.7950e-003
tblVehicleEF	MH	3.1990e-003	3.2030e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	2.0440e-003	1.6640e-003
tblVehicleEF	MH	2.75	2.53

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tblVehicleEF	MH	0.11	0.10
tblVehicleEF	MH	0.91	0.84
tblVehicleEF	MH	0.21	0.18
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	0.52	0.45
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	8.0900e-004	7.6600e-004
tblVehicleEF	MH	2.75	2.53
tblVehicleEF	MH	0.11	0.10
tblVehicleEF	MH	0.91	0.84
tblVehicleEF	MH	0.28	0.24
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	0.56	0.49
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.04	0.04
tblVehicleEF	MH	5.20	4.19
tblVehicleEF	MH	9.61	8.74
tblVehicleEF	MH	1,238.06	1,231.80
tblVehicleEF	MH	66.74	63.85
tblVehicleEF	MH	7.7900e-004	7.5900e-004
tblVehicleEF	MH	1.79	1.67
tblVehicleEF	MH	1.14	1.08
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	2.1950e-003	1.7950e-003
tblVehicleEF	MH	3.1990e-003	3.2030e-003
tblVehicleEF	MH	0.03	0.03

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tblVehicleEF	MH	2.0440e-003	1.6640e-003
tblVehicleEF	MH	0.38	0.36
tblVehicleEF	MH	0.13	0.12
tblVehicleEF	MH	0.18	0.17
tblVehicleEF	MH	0.21	0.17
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	0.60	0.52
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	8.3700e-004	7.9200e-004
tblVehicleEF	MH	0.38	0.36
tblVehicleEF	MH	0.13	0.12
tblVehicleEF	MH	0.18	0.17
tblVehicleEF	MH	0.27	0.23
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	0.65	0.57
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.01	8.8870e-003
tblVehicleEF	MHD	0.07	0.07
tblVehicleEF	MHD	0.46	0.40
tblVehicleEF	MHD	0.78	0.59
tblVehicleEF	MHD	7.10	6.44
tblVehicleEF	MHD	168.57	168.62
tblVehicleEF	MHD	1,211.38	1,205.76
tblVehicleEF	MHD	50.98	49.68
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.29	1.06
tblVehicleEF	MHD	2.95	2.25

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tblVehicleEF	MHD	12.59	12.66
tblVehicleEF	MHD	5.2710e-003	3.3170e-003
tblVehicleEF	MHD	0.07	0.04
tblVehicleEF	MHD	9.1500e-004	8.1400e-004
tblVehicleEF	MHD	5.0430e-003	3.1740e-003
tblVehicleEF	MHD	0.07	0.04
tblVehicleEF	MHD	8.4200e-004	7.4900e-004
tblVehicleEF	MHD	9.6200e-004	8.8300e-004
tblVehicleEF	MHD	0.05	0.04
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	5.1500e-004	4.8200e-004
tblVehicleEF	MHD	0.18	0.12
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.43	0.39
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.3500e-004	6.1000e-004
tblVehicleEF	MHD	9.6200e-004	8.8300e-004
tblVehicleEF	MHD	0.05	0.04
tblVehicleEF	MHD	0.05	0.04
tblVehicleEF	MHD	5.1500e-004	4.8200e-004
tblVehicleEF	MHD	0.21	0.14
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.47	0.42
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.01	9.0440e-003
tblVehicleEF	MHD	0.07	0.06
tblVehicleEF	MHD	0.32	0.28

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tblVehicleEF	MHD	0.79	0.60
tblVehicleEF	MHD	6.46	5.85
tblVehicleEF	MHD	178.70	178.75
tblVehicleEF	MHD	1,211.38	1,205.76
tblVehicleEF	MHD	50.98	49.68
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.33	1.10
tblVehicleEF	MHD	2.83	2.16
tblVehicleEF	MHD	12.52	12.59
tblVehicleEF	MHD	4.4430e-003	2.7970e-003
tblVehicleEF	MHD	0.07	0.04
tblVehicleEF	MHD	9.1500e-004	8.1400e-004
tblVehicleEF	MHD	4.2510e-003	2.6760e-003
tblVehicleEF	MHD	0.07	0.04
tblVehicleEF	MHD	8.4200e-004	7.4900e-004
tblVehicleEF	MHD	2.5270e-003	2.2960e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	1.2310e-003	1.1320e-003
tblVehicleEF	MHD	0.18	0.12
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.40	0.36
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.2300e-004	6.0000e-004
tblVehicleEF	MHD	2.5270e-003	2.2960e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.04	0.04

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tblVehicleEF	MHD	1.2310e-003	1.1320e-003
tblVehicleEF	MHD	0.21	0.14
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.44	0.39
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.01	8.7810e-003
tblVehicleEF	MHD	0.08	0.07
tblVehicleEF	MHD	0.62	0.54
tblVehicleEF	MHD	0.77	0.58
tblVehicleEF	MHD	7.65	6.93
tblVehicleEF	MHD	154.89	154.93
tblVehicleEF	MHD	1,211.38	1,205.76
tblVehicleEF	MHD	50.98	49.68
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.23	1.01
tblVehicleEF	MHD	3.00	2.29
tblVehicleEF	MHD	12.65	12.71
tblVehicleEF	MHD	6.4130e-003	4.0370e-003
tblVehicleEF	MHD	0.07	0.04
tblVehicleEF	MHD	9.1500e-004	8.1400e-004
tblVehicleEF	MHD	6.1360e-003	3.8620e-003
tblVehicleEF	MHD	0.07	0.04
tblVehicleEF	MHD	8.4200e-004	7.4900e-004
tblVehicleEF	MHD	3.5000e-004	3.3100e-004
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	2.2500e-004	2.1500e-004

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tblVehicleEF	MHD	0.18	0.12
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.45	0.41
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.4400e-004	6.1800e-004
tblVehicleEF	MHD	3.5000e-004	3.3100e-004
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.05	0.04
tblVehicleEF	MHD	2.2500e-004	2.1500e-004
tblVehicleEF	MHD	0.21	0.14
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.49	0.45
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.29	0.29
tblVehicleEF	OBUS	1.00	0.88
tblVehicleEF	OBUS	7.45	6.99
tblVehicleEF	OBUS	115.62	117.29
tblVehicleEF	OBUS	1,330.02	1,322.83
tblVehicleEF	OBUS	68.01	67.43
tblVehicleEF	OBUS	2.0790e-003	2.1180e-003
tblVehicleEF	OBUS	0.76	0.71
tblVehicleEF	OBUS	2.60	2.33
tblVehicleEF	OBUS	3.31	3.27
tblVehicleEF	OBUS	4.2000e-004	3.3600e-004
tblVehicleEF	OBUS	0.01	0.01

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tblVehicleEF	OBUS	8.5500e-004	8.5800e-004
tblVehicleEF	OBUS	4.0200e-004	3.2200e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8800e-004	7.9100e-004
tblVehicleEF	OBUS	1.3350e-003	1.3030e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.9600e-004	5.9000e-004
tblVehicleEF	OBUS	0.10	0.09
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.46	0.43
tblVehicleEF	OBUS	1.1150e-003	1.1310e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.1100e-004	7.9700e-004
tblVehicleEF	OBUS	1.3350e-003	1.3030e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	5.9600e-004	5.9000e-004
tblVehicleEF	OBUS	0.13	0.11
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.50	0.47
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.27	0.27
tblVehicleEF	OBUS	1.03	0.90
tblVehicleEF	OBUS	6.72	6.31

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tblVehicleEF	OBUS	121.51	123.28
tblVehicleEF	OBUS	1,330.02	1,322.83
tblVehicleEF	OBUS	68.01	67.43
tblVehicleEF	OBUS	2.0790e-003	2.1180e-003
tblVehicleEF	OBUS	0.79	0.74
tblVehicleEF	OBUS	2.48	2.23
tblVehicleEF	OBUS	3.21	3.18
tblVehicleEF	OBUS	3.5400e-004	2.8400e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.5500e-004	8.5800e-004
tblVehicleEF	OBUS	3.3900e-004	2.7100e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8800e-004	7.9100e-004
tblVehicleEF	OBUS	3.3080e-003	3.2110e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	1.3550e-003	1.3270e-003
tblVehicleEF	OBUS	0.10	0.09
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.43	0.40
tblVehicleEF	OBUS	1.1710e-003	1.1880e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.9800e-004	7.8500e-004
tblVehicleEF	OBUS	3.3080e-003	3.2110e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	1.3550e-003	1.3270e-003

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tblVehicleEF	OBUS	0.13	0.12
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.47	0.44
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.32	0.31
tblVehicleEF	OBUS	0.98	0.86
tblVehicleEF	OBUS	8.02	7.53
tblVehicleEF	OBUS	107.50	109.02
tblVehicleEF	OBUS	1,330.02	1,322.83
tblVehicleEF	OBUS	68.01	67.43
tblVehicleEF	OBUS	2.0790e-003	2.1180e-003
tblVehicleEF	OBUS	0.73	0.68
tblVehicleEF	OBUS	2.65	2.38
tblVehicleEF	OBUS	3.38	3.34
tblVehicleEF	OBUS	5.1100e-004	4.0900e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.5500e-004	8.5800e-004
tblVehicleEF	OBUS	4.8900e-004	3.9200e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8800e-004	7.9100e-004
tblVehicleEF	OBUS	5.7700e-004	5.7300e-004
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.9600e-004	2.9500e-004
tblVehicleEF	OBUS	0.10	0.09

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tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.48	0.45
tblVehicleEF	OBUS	1.0380e-003	1.0520e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.2100e-004	8.0600e-004
tblVehicleEF	OBUS	5.7700e-004	5.7300e-004
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	2.9600e-004	2.9500e-004
tblVehicleEF	OBUS	0.12	0.11
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.53	0.50
tblVehicleEF	SBUS	0.89	0.89
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	0.09	0.08
tblVehicleEF	SBUS	10.00	10.21
tblVehicleEF	SBUS	1.65	1.44
tblVehicleEF	SBUS	13.33	12.70
tblVehicleEF	SBUS	1,045.67	1,027.66
tblVehicleEF	SBUS	985.39	971.68
tblVehicleEF	SBUS	66.30	67.96
tblVehicleEF	SBUS	3.0000e-004	3.0800e-004
tblVehicleEF	SBUS	8.84	8.18
tblVehicleEF	SBUS	4.11	3.73
tblVehicleEF	SBUS	10.67	10.28
tblVehicleEF	SBUS	0.01	9.3260e-003
tblVehicleEF	SBUS	0.01	9.9720e-003

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tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	1.2810e-003	1.2250e-003
tblVehicleEF	SBUS	0.01	8.9230e-003
tblVehicleEF	SBUS	2.5090e-003	2.4930e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	1.1780e-003	1.1260e-003
tblVehicleEF	SBUS	4.1080e-003	3.4250e-003
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	1.22	1.24
tblVehicleEF	SBUS	1.6380e-003	1.4520e-003
tblVehicleEF	SBUS	0.13	0.12
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	0.66	0.62
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	9.5690e-003	9.4390e-003
tblVehicleEF	SBUS	8.9300e-004	8.9800e-004
tblVehicleEF	SBUS	4.1080e-003	3.4250e-003
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	1.77	1.80
tblVehicleEF	SBUS	1.6380e-003	1.4520e-003
tblVehicleEF	SBUS	0.17	0.15
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	0.72	0.68
tblVehicleEF	SBUS	0.89	0.89
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.08	0.07
tblVehicleEF	SBUS	9.89	10.11

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tblVehicleEF	SBUS	1.70	1.48
tblVehicleEF	SBUS	9.51	9.06
tblVehicleEF	SBUS	1,088.37	1,068.80
tblVehicleEF	SBUS	985.39	971.68
tblVehicleEF	SBUS	66.30	67.96
tblVehicleEF	SBUS	3.0000e-004	3.0800e-004
tblVehicleEF	SBUS	9.12	8.44
tblVehicleEF	SBUS	3.92	3.55
tblVehicleEF	SBUS	10.59	10.20
tblVehicleEF	SBUS	9.0450e-003	7.8620e-003
tblVehicleEF	SBUS	0.01	9.9720e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	1.2810e-003	1.2250e-003
tblVehicleEF	SBUS	8.6530e-003	7.5220e-003
tblVehicleEF	SBUS	2.5090e-003	2.4930e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	1.1780e-003	1.1260e-003
tblVehicleEF	SBUS	0.01	8.5160e-003
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	1.22	1.24
tblVehicleEF	SBUS	3.7630e-003	3.3040e-003
tblVehicleEF	SBUS	0.13	0.12
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	0.54	0.52
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	9.5700e-003	9.4400e-003
tblVehicleEF	SBUS	8.2900e-004	8.3800e-004

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tblVehicleEF	SBUS	0.01	8.5160e-003
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	1.76	1.80
tblVehicleEF	SBUS	3.7630e-003	3.3040e-003
tblVehicleEF	SBUS	0.17	0.16
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	0.59	0.56
tblVehicleEF	SBUS	0.89	0.89
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	0.10	0.10
tblVehicleEF	SBUS	10.15	10.35
tblVehicleEF	SBUS	1.61	1.41
tblVehicleEF	SBUS	16.60	15.81
tblVehicleEF	SBUS	986.71	970.84
tblVehicleEF	SBUS	985.39	971.68
tblVehicleEF	SBUS	66.30	67.96
tblVehicleEF	SBUS	3.0000e-004	3.0800e-004
tblVehicleEF	SBUS	8.45	7.82
tblVehicleEF	SBUS	4.20	3.81
tblVehicleEF	SBUS	10.73	10.33
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.01	9.9720e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	1.2810e-003	1.2250e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.5090e-003	2.4930e-003
tblVehicleEF	SBUS	0.02	0.02

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tblVehicleEF	SBUS	1.1780e-003	1.1260e-003
tblVehicleEF	SBUS	1.6040e-003	1.4350e-003
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	1.22	1.25
tblVehicleEF	SBUS	7.9200e-004	7.2400e-004
tblVehicleEF	SBUS	0.13	0.12
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	0.75	0.71
tblVehicleEF	SBUS	9.7590e-003	9.6160e-003
tblVehicleEF	SBUS	9.5690e-003	9.4380e-003
tblVehicleEF	SBUS	9.4700e-004	9.5000e-004
tblVehicleEF	SBUS	1.6040e-003	1.4350e-003
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	1.77	1.81
tblVehicleEF	SBUS	7.9200e-004	7.2400e-004
tblVehicleEF	SBUS	0.17	0.15
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	0.82	0.77
tblVehicleEF	UBUS	0.28	0.27
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	7.38	7.11
tblVehicleEF	UBUS	6.95	7.01
tblVehicleEF	UBUS	2,296.13	2,274.01
tblVehicleEF	UBUS	56.65	61.34
tblVehicleEF	UBUS	2.9480e-003	2.8050e-003
tblVehicleEF	UBUS	18.84	17.90
tblVehicleEF	UBUS	17.92	17.58

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tblVehicleEF	UBUS	0.71	0.70
tblVehicleEF	UBUS	0.40	0.38
tblVehicleEF	UBUS	6.7300e-004	7.1700e-004
tblVehicleEF	UBUS	0.30	0.30
tblVehicleEF	UBUS	0.38	0.36
tblVehicleEF	UBUS	6.1900e-004	6.5900e-004
tblVehicleEF	UBUS	2.2090e-003	2.2150e-003
tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	1.0380e-003	1.0500e-003
tblVehicleEF	UBUS	0.98	0.92
tblVehicleEF	UBUS	0.01	0.01
tblVehicleEF	UBUS	0.51	0.51
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	6.9100e-004	7.3900e-004
tblVehicleEF	UBUS	2.2090e-003	2.2150e-003
tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	1.0380e-003	1.0500e-003
tblVehicleEF	UBUS	1.34	1.28
tblVehicleEF	UBUS	0.01	0.01
tblVehicleEF	UBUS	0.55	0.56
tblVehicleEF	UBUS	0.28	0.28
tblVehicleEF	UBUS	0.03	0.03
tblVehicleEF	UBUS	7.44	7.17
tblVehicleEF	UBUS	5.42	5.47
tblVehicleEF	UBUS	2,296.13	2,274.01
tblVehicleEF	UBUS	56.65	61.34
tblVehicleEF	UBUS	2.9480e-003	2.8050e-003

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tblVehicleEF	UBUS	18.07	17.17
tblVehicleEF	UBUS	17.85	17.51
tblVehicleEF	UBUS	0.71	0.70
tblVehicleEF	UBUS	0.40	0.38
tblVehicleEF	UBUS	6.7300e-004	7.1700e-004
tblVehicleEF	UBUS	0.30	0.30
tblVehicleEF	UBUS	0.38	0.36
tblVehicleEF	UBUS	6.1900e-004	6.5900e-004
tblVehicleEF	UBUS	5.6920e-003	5.6890e-003
tblVehicleEF	UBUS	0.06	0.06
tblVehicleEF	UBUS	2.3350e-003	2.3470e-003
tblVehicleEF	UBUS	0.99	0.93
tblVehicleEF	UBUS	9.8830e-003	0.01
tblVehicleEF	UBUS	0.43	0.44
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	6.6500e-004	7.1300e-004
tblVehicleEF	UBUS	5.6920e-003	5.6890e-003
tblVehicleEF	UBUS	0.06	0.06
tblVehicleEF	UBUS	2.3350e-003	2.3470e-003
tblVehicleEF	UBUS	1.36	1.29
tblVehicleEF	UBUS	9.8830e-003	0.01
tblVehicleEF	UBUS	0.47	0.48
tblVehicleEF	UBUS	0.28	0.27
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	7.34	7.07
tblVehicleEF	UBUS	8.26	8.33
tblVehicleEF	UBUS	2,296.13	2,274.01

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tblVehicleEF	UBUS	56.65	61.34
tblVehicleEF	UBUS	2.9480e-003	2.8050e-003
tblVehicleEF	UBUS	19.15	18.19
tblVehicleEF	UBUS	17.97	17.64
tblVehicleEF	UBUS	0.71	0.70
tblVehicleEF	UBUS	0.40	0.38
tblVehicleEF	UBUS	6.7300e-004	7.1700e-004
tblVehicleEF	UBUS	0.30	0.30
tblVehicleEF	UBUS	0.38	0.36
tblVehicleEF	UBUS	6.1900e-004	6.5900e-004
tblVehicleEF	UBUS	8.1100e-004	8.2200e-004
tblVehicleEF	UBUS	0.06	0.06
tblVehicleEF	UBUS	4.7000e-004	4.8100e-004
tblVehicleEF	UBUS	0.97	0.91
tblVehicleEF	UBUS	0.01	0.01
tblVehicleEF	UBUS	0.56	0.57
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	7.1400e-004	7.6200e-004
tblVehicleEF	UBUS	8.1100e-004	8.2200e-004
tblVehicleEF	UBUS	0.06	0.06
tblVehicleEF	UBUS	4.7000e-004	4.8100e-004
tblVehicleEF	UBUS	1.34	1.27
tblVehicleEF	UBUS	0.01	0.01
tblVehicleEF	UBUS	0.61	0.62
tblVehicleTrips	ST_TR	4.31	7.95
tblVehicleTrips	SU_TR	3.43	7.95
tblVehicleTrips	WD_TR	4.18	7.95

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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					
2017	0.1209	1.0454	0.6086	1.2300e-003	0.0659	0.0557	0.1216	0.0321	0.0528	0.0849	0.0000	110.4780	110.4780	0.0208	0.0000	110.9991
2018	0.2677	1.5195	1.2534	2.0600e-003	0.0112	0.0923	0.1035	3.0100e-003	0.0892	0.0922	0.0000	174.5251	174.5251	0.0322	0.0000	175.3302
Maximum	0.2677	1.5195	1.2534	2.0600e-003	0.0659	0.0923	0.1216	0.0321	0.0892	0.0922	0.0000	174.5251	174.5251	0.0322	0.0000	175.3302

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					
2017	0.1209	1.0454	0.6086	1.2300e-003	0.0351	0.0557	0.0908	0.0159	0.0528	0.0687	0.0000	110.4779	110.4779	0.0208	0.0000	110.9990
2018	0.2677	1.5195	1.2534	2.0600e-003	0.0112	0.0923	0.1035	3.0100e-003	0.0892	0.0922	0.0000	174.5249	174.5249	0.0322	0.0000	175.3300
Maximum	0.2677	1.5195	1.2534	2.0600e-003	0.0351	0.0923	0.1035	0.0159	0.0892	0.0922	0.0000	174.5249	174.5249	0.0322	0.0000	175.3300

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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
Percent Reduction	0.00	0.00	0.00	0.00	39.86	0.00	13.65	46.04	0.00	9.13	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)
2	8-1-2017	10-31-2017	0.6754	0.6754
3	11-1-2017	1-31-2018	0.7191	0.7191
4	2-1-2018	4-30-2018	0.6883	0.6883
5	5-1-2018	7-31-2018	0.7742	0.7742
6	8-1-2018	9-30-2018	0.0871	0.0871
		Highest	0.7742	0.7742

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	0.1705	4.9100e-003	0.3399	3.9000e-004		0.0281	0.0281		0.0281	0.0281	2.7354	1.3661	4.1015	4.6300e-003	1.8000e-004	4.2708
Energy	1.2300e-003	0.0105	4.4900e-003	7.0000e-005		8.5000e-004	8.5000e-004		8.5000e-004	8.5000e-004	0.0000	40.0264	40.0264	1.4900e-003	4.8000e-004	40.2080
Mobile	0.1510	0.9609	1.6575	5.5700e-003	0.1798	6.8000e-003	0.1866	0.0538	6.4200e-003	0.0602	0.0000	512.6385	512.6385	0.0235	0.0000	513.2251
Waste						0.0000	0.0000		0.0000	0.0000	1.8675	0.0000	1.8675	0.1104	0.0000	4.6267
Water						0.0000	0.0000		0.0000	0.0000	0.4134	2.8877	3.3011	0.0426	1.0300e-003	4.6727
Total	0.3227	0.9764	2.0019	6.0300e-003	0.1798	0.0357	0.2155	0.0538	0.0353	0.0891	5.0163	556.9187	561.9350	0.1826	1.6900e-003	567.0033

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2.2 Overall Operational

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	0.0320	1.7300e-003	0.1492	1.0000e-005		8.2000e-004	8.2000e-004		8.2000e-004	8.2000e-004	0.0000	0.2426	0.2426	2.4000e-004	0.0000	0.2485
Energy	9.7000e-004	8.2700e-003	3.5200e-003	5.0000e-005		6.7000e-004	6.7000e-004		6.7000e-004	6.7000e-004	0.0000	36.5701	36.5701	1.4000e-003	4.3000e-004	36.7327
Mobile	0.1412	0.8704	1.4468	4.6700e-003	0.1477	5.7000e-003	0.1534	0.0442	5.3800e-003	0.0496	0.0000	430.0340	430.0340	0.0211	0.0000	430.5609
Waste						0.0000	0.0000		0.0000	0.0000	0.9338	0.0000	0.9338	0.0552	0.0000	2.3134
Water						0.0000	0.0000		0.0000	0.0000	0.4134	2.8877	3.3011	0.0426	1.0300e-003	4.6727
Total	0.1742	0.8804	1.5996	4.7300e-003	0.1477	7.1900e-003	0.1549	0.0442	6.8700e-003	0.0511	1.3472	469.7343	471.0815	0.1205	1.4600e-003	474.5282

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	46.01	9.83	20.09	21.56	17.85	79.87	28.13	17.85	80.56	42.72	73.14	15.65	16.17	34.00	13.61	16.31

3.0 Construction Detail

Construction Phase

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/1/2017	9/28/2017	5	20	
2	Site Preparation	Site Preparation	9/27/2017	9/28/2017	5	2	
3	Grading	Grading	9/29/2017	10/27/2017	5	21	
4	Building Construction	Building Construction	10/27/2017	8/2/2018	5	200	
5	Paving	Paving	8/3/2018	8/16/2018	5	10	
6	Architectural Coating	Architectural Coating	3/27/2018	8/13/2018	5	100	

Acres of Grading (Site Preparation Phase): 1

Acres of Grading (Grading Phase): 1.13

Acres of Paving: 0

Residential Indoor: 12,063; Residential Outdoor: 4,021; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Rubber Tired Dozers	1	7.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Graders	1	6.00	187	0.41
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Building Construction	Cranes	1	6.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Paving	Pavers	1	6.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

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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	5	13.00	0.00	16.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	8.00	0.00	621.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	14.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	3.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2017

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					1.7700e-003	0.0000	1.7700e-003	2.7000e-004	0.0000	2.7000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0276	0.2676	0.1556	2.4000e-004		0.0165	0.0165		0.0154	0.0154	0.0000	21.9668	21.9668	5.5600e-003	0.0000	22.1057
Total	0.0276	0.2676	0.1556	2.4000e-004	1.7700e-003	0.0165	0.0183	2.7000e-004	0.0154	0.0157	0.0000	21.9668	21.9668	5.5600e-003	0.0000	22.1057

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3.2 Demolition - 2017

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	9.0000e-005	2.8200e-003	4.7000e-004	1.0000e-005	1.4000e-004	1.0000e-005	1.5000e-004	4.0000e-005	1.0000e-005	5.0000e-005	0.0000	0.6301	0.6301	3.0000e-005	0.0000	0.6310
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	6.1000e-004	4.9000e-004	4.8800e-003	1.0000e-005	1.0300e-003	1.0000e-005	1.0400e-003	2.7000e-004	1.0000e-005	2.8000e-004	0.0000	0.9982	0.9982	3.0000e-005	0.0000	0.9990
Total	7.0000e-004	3.3100e-003	5.3500e-003	2.0000e-005	1.1700e-003	2.0000e-005	1.1900e-003	3.1000e-004	2.0000e-005	3.3000e-004	0.0000	1.6283	1.6283	6.0000e-005	0.0000	1.6301

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					8.0000e-004	0.0000	8.0000e-004	1.2000e-004	0.0000	1.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0276	0.2676	0.1556	2.4000e-004		0.0165	0.0165		0.0154	0.0154	0.0000	21.9668	21.9668	5.5600e-003	0.0000	22.1057
Total	0.0276	0.2676	0.1556	2.4000e-004	8.0000e-004	0.0165	0.0173	1.2000e-004	0.0154	0.0155	0.0000	21.9668	21.9668	5.5600e-003	0.0000	22.1057

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3.2 Demolition - 2017

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	9.0000e-005	2.8200e-003	4.7000e-004	1.0000e-005	1.4000e-004	1.0000e-005	1.5000e-004	4.0000e-005	1.0000e-005	5.0000e-005	0.0000	0.6301	0.6301	3.0000e-005	0.0000	0.6310
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	6.1000e-004	4.9000e-004	4.8800e-003	1.0000e-005	1.0300e-003	1.0000e-005	1.0400e-003	2.7000e-004	1.0000e-005	2.8000e-004	0.0000	0.9982	0.9982	3.0000e-005	0.0000	0.9990
Total	7.0000e-004	3.3100e-003	5.3500e-003	2.0000e-005	1.1700e-003	2.0000e-005	1.1900e-003	3.1000e-004	2.0000e-005	3.3000e-004	0.0000	1.6283	1.6283	6.0000e-005	0.0000	1.6301

3.3 Site Preparation - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.8000e-003	0.0000	5.8000e-003	2.9500e-003	0.0000	2.9500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9300e-003	0.0222	8.4000e-003	2.0000e-005		1.0500e-003	1.0500e-003		9.6000e-004	9.6000e-004	0.0000	1.6005	1.6005	4.9000e-004	0.0000	1.6128
Total	1.9300e-003	0.0222	8.4000e-003	2.0000e-005	5.8000e-003	1.0500e-003	6.8500e-003	2.9500e-003	9.6000e-004	3.9100e-003	0.0000	1.6005	1.6005	4.9000e-004	0.0000	1.6128

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3.3 Site Preparation - 2017

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	4.0000e-005	3.0000e-005	3.0000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0614	0.0614	0.0000	0.0000	0.0615
Total	4.0000e-005	3.0000e-005	3.0000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0614	0.0614	0.0000	0.0000	0.0615

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					2.6100e-003	0.0000	2.6100e-003	1.3300e-003	0.0000	1.3300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9300e-003	0.0222	8.4000e-003	2.0000e-005		1.0500e-003	1.0500e-003		9.6000e-004	9.6000e-004	0.0000	1.6005	1.6005	4.9000e-004	0.0000	1.6128
Total	1.9300e-003	0.0222	8.4000e-003	2.0000e-005	2.6100e-003	1.0500e-003	3.6600e-003	1.3300e-003	9.6000e-004	2.2900e-003	0.0000	1.6005	1.6005	4.9000e-004	0.0000	1.6128

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3.3 Site Preparation - 2017

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	4.0000e-005	3.0000e-005	3.0000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0614	0.0614	0.0000	0.0000	0.0615
Total	4.0000e-005	3.0000e-005	3.0000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0614	0.0614	0.0000	0.0000	0.0615

3.4 Grading - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0483	0.0000	0.0483	0.0262	0.0000	0.0262	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0168	0.1921	0.0739	1.5000e-004		9.1700e-003	9.1700e-003		8.4400e-003	8.4400e-003	0.0000	13.7633	13.7633	4.2200e-003	0.0000	13.8687
Total	0.0168	0.1921	0.0739	1.5000e-004	0.0483	9.1700e-003	0.0575	0.0262	8.4400e-003	0.0346	0.0000	13.7633	13.7633	4.2200e-003	0.0000	13.8687

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3.4 Grading - 2017

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	3.4000e-003	0.1096	0.0181	2.5000e-004	5.2600e-003	5.8000e-004	5.8300e-003	1.4500e-003	5.5000e-004	2.0000e-003	0.0000	24.4573	24.4573	1.3500e-003	0.0000	24.4910
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	4.0000e-004	3.2000e-004	3.1500e-003	1.0000e-005	6.6000e-004	1.0000e-005	6.7000e-004	1.8000e-004	0.0000	1.8000e-004	0.0000	0.6450	0.6450	2.0000e-005	0.0000	0.6455
Total	3.8000e-003	0.1099	0.0213	2.6000e-004	5.9200e-003	5.9000e-004	6.5000e-003	1.6300e-003	5.5000e-004	2.1800e-003	0.0000	25.1023	25.1023	1.3700e-003	0.0000	25.1365

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0217	0.0000	0.0217	0.0118	0.0000	0.0118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0168	0.1921	0.0739	1.5000e-004		9.1700e-003	9.1700e-003		8.4400e-003	8.4400e-003	0.0000	13.7633	13.7633	4.2200e-003	0.0000	13.8687
Total	0.0168	0.1921	0.0739	1.5000e-004	0.0217	9.1700e-003	0.0309	0.0118	8.4400e-003	0.0202	0.0000	13.7633	13.7633	4.2200e-003	0.0000	13.8687

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3.4 Grading - 2017

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	3.4000e-003	0.1096	0.0181	2.5000e-004	5.2600e-003	5.8000e-004	5.8300e-003	1.4500e-003	5.5000e-004	2.0000e-003	0.0000	24.4573	24.4573	1.3500e-003	0.0000	24.4910
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	4.0000e-004	3.2000e-004	3.1500e-003	1.0000e-005	6.6000e-004	1.0000e-005	6.7000e-004	1.8000e-004	0.0000	1.8000e-004	0.0000	0.6450	0.6450	2.0000e-005	0.0000	0.6455
Total	3.8000e-003	0.1099	0.0213	2.6000e-004	5.9200e-003	5.9000e-004	6.5000e-003	1.6300e-003	5.5000e-004	2.1800e-003	0.0000	25.1023	25.1023	1.3700e-003	0.0000	25.1365

3.5 Building Construction - 2017

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	0.0682	0.4424	0.3302	5.1000e-004		0.0283	0.0283		0.0273	0.0273	0.0000	42.6457	42.6457	8.9700e-003	0.0000	42.8699
Total	0.0682	0.4424	0.3302	5.1000e-004		0.0283	0.0283		0.0273	0.0273	0.0000	42.6457	42.6457	8.9700e-003	0.0000	42.8699

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3.5 Building Construction - 2017

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	2.6000e-004	6.6000e-003	1.5700e-003	1.0000e-005	3.0000e-004	6.0000e-005	3.6000e-004	9.0000e-005	5.0000e-005	1.4000e-004	0.0000	1.2373	1.2373	8.0000e-005	0.0000	1.2395
Worker	1.5200e-003	1.2200e-003	0.0121	3.0000e-005	2.5500e-003	2.0000e-005	2.5700e-003	6.8000e-004	2.0000e-005	7.0000e-004	0.0000	2.4724	2.4724	9.0000e-005	0.0000	2.4745
Total	1.7800e-003	7.8200e-003	0.0137	4.0000e-005	2.8500e-003	8.0000e-005	2.9300e-003	7.7000e-004	7.0000e-005	8.4000e-004	0.0000	3.7097	3.7097	1.7000e-004	0.0000	3.7140

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	0.0682	0.4424	0.3302	5.1000e-004		0.0283	0.0283		0.0273	0.0273	0.0000	42.6457	42.6457	8.9700e-003	0.0000	42.8699
Total	0.0682	0.4424	0.3302	5.1000e-004		0.0283	0.0283		0.0273	0.0273	0.0000	42.6457	42.6457	8.9700e-003	0.0000	42.8699

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3.5 Building Construction - 2017

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	2.6000e-004	6.6000e-003	1.5700e-003	1.0000e-005	3.0000e-004	6.0000e-005	3.6000e-004	9.0000e-005	5.0000e-005	1.4000e-004	0.0000	1.2373	1.2373	8.0000e-005	0.0000	1.2395
Worker	1.5200e-003	1.2200e-003	0.0121	3.0000e-005	2.5500e-003	2.0000e-005	2.5700e-003	6.8000e-004	2.0000e-005	7.0000e-004	0.0000	2.4724	2.4724	9.0000e-005	0.0000	2.4745
Total	1.7800e-003	7.8200e-003	0.0137	4.0000e-005	2.8500e-003	8.0000e-005	2.9300e-003	7.7000e-004	7.0000e-005	8.4000e-004	0.0000	3.7097	3.7097	1.7000e-004	0.0000	3.7140

3.5 Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1996	1.3420	1.0685	1.7000e-003		0.0815	0.0815		0.0787	0.0787	0.0000	141.8606	141.8606	0.0286	0.0000	142.5746
Total	0.1996	1.3420	1.0685	1.7000e-003		0.0815	0.0815		0.0787	0.0787	0.0000	141.8606	141.8606	0.0286	0.0000	142.5746

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3.5 Building Construction - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.7000e-004	0.0208	4.7400e-003	4.0000e-005	1.0100e-003	1.5000e-004	1.1600e-003	2.9000e-004	1.4000e-004	4.3000e-004	0.0000	4.1303	4.1303	2.6000e-004	0.0000	4.1369
Worker	4.5200e-003	3.5500e-003	0.0354	9.0000e-005	8.5200e-003	6.0000e-005	8.5900e-003	2.2700e-003	6.0000e-005	2.3200e-003	0.0000	8.0542	8.0542	2.5000e-004	0.0000	8.0605
Total	5.2900e-003	0.0243	0.0401	1.3000e-004	9.5300e-003	2.1000e-004	9.7500e-003	2.5600e-003	2.0000e-004	2.7500e-003	0.0000	12.1844	12.1844	5.1000e-004	0.0000	12.1974

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	0.1996	1.3420	1.0685	1.7000e-003		0.0815	0.0815		0.0787	0.0787	0.0000	141.8605	141.8605	0.0286	0.0000	142.5744
Total	0.1996	1.3420	1.0685	1.7000e-003		0.0815	0.0815		0.0787	0.0787	0.0000	141.8605	141.8605	0.0286	0.0000	142.5744

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3.5 Building Construction - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.7000e-004	0.0208	4.7400e-003	4.0000e-005	1.0100e-003	1.5000e-004	1.1600e-003	2.9000e-004	1.4000e-004	4.3000e-004	0.0000	4.1303	4.1303	2.6000e-004	0.0000	4.1369
Worker	4.5200e-003	3.5500e-003	0.0354	9.0000e-005	8.5200e-003	6.0000e-005	8.5900e-003	2.2700e-003	6.0000e-005	2.3200e-003	0.0000	8.0542	8.0542	2.5000e-004	0.0000	8.0605
Total	5.2900e-003	0.0243	0.0401	1.3000e-004	9.5300e-003	2.1000e-004	9.7500e-003	2.5600e-003	2.0000e-004	2.7500e-003	0.0000	12.1844	12.1844	5.1000e-004	0.0000	12.1974

3.6 Paving - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.0900e-003	0.0523	0.0450	7.0000e-005		3.0500e-003	3.0500e-003		2.8100e-003	2.8100e-003	0.0000	6.1073	6.1073	1.8700e-003	0.0000	6.1540
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	5.0900e-003	0.0523	0.0450	7.0000e-005		3.0500e-003	3.0500e-003		2.8100e-003	2.8100e-003	0.0000	6.1073	6.1073	1.8700e-003	0.0000	6.1540

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3.6 Paving - 2018

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	2.7000e-004	2.1000e-004	2.1300e-003	1.0000e-005	5.1000e-004	0.0000	5.2000e-004	1.4000e-004	0.0000	1.4000e-004	0.0000	0.4856	0.4856	2.0000e-005	0.0000	0.4860
Total	2.7000e-004	2.1000e-004	2.1300e-003	1.0000e-005	5.1000e-004	0.0000	5.2000e-004	1.4000e-004	0.0000	1.4000e-004	0.0000	0.4856	0.4856	2.0000e-005	0.0000	0.4860

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	5.0900e-003	0.0523	0.0450	7.0000e-005		3.0500e-003	3.0500e-003		2.8100e-003	2.8100e-003	0.0000	6.1073	6.1073	1.8700e-003	0.0000	6.1540
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	5.0900e-003	0.0523	0.0450	7.0000e-005		3.0500e-003	3.0500e-003		2.8100e-003	2.8100e-003	0.0000	6.1073	6.1073	1.8700e-003	0.0000	6.1540

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3.6 Paving - 2018

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	2.7000e-004	2.1000e-004	2.1300e-003	1.0000e-005	5.1000e-004	0.0000	5.2000e-004	1.4000e-004	0.0000	1.4000e-004	0.0000	0.4856	0.4856	2.0000e-005	0.0000	0.4860
Total	2.7000e-004	2.1000e-004	2.1300e-003	1.0000e-005	5.1000e-004	0.0000	5.2000e-004	1.4000e-004	0.0000	1.4000e-004	0.0000	0.4856	0.4856	2.0000e-005	0.0000	0.4860

3.7 Architectural Coating - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0419					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0149	0.1003	0.0927	1.5000e-004		7.5300e-003	7.5300e-003		7.5300e-003	7.5300e-003	0.0000	12.7663	12.7663	1.2100e-003	0.0000	12.7966
Total	0.0569	0.1003	0.0927	1.5000e-004		7.5300e-003	7.5300e-003		7.5300e-003	7.5300e-003	0.0000	12.7663	12.7663	1.2100e-003	0.0000	12.7966

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3.7 Architectural Coating - 2018

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	6.3000e-004	4.9000e-004	4.9300e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.1900e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.1207	1.1207	4.0000e-005	0.0000	1.1216
Total	6.3000e-004	4.9000e-004	4.9300e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.1900e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.1207	1.1207	4.0000e-005	0.0000	1.1216

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	0.0419					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0149	0.1003	0.0927	1.5000e-004		7.5300e-003	7.5300e-003		7.5300e-003	7.5300e-003	0.0000	12.7663	12.7663	1.2100e-003	0.0000	12.7966
Total	0.0569	0.1003	0.0927	1.5000e-004		7.5300e-003	7.5300e-003		7.5300e-003	7.5300e-003	0.0000	12.7663	12.7663	1.2100e-003	0.0000	12.7966

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3.7 Architectural Coating - 2018

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	6.3000e-004	4.9000e-004	4.9300e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.1900e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.1207	1.1207	4.0000e-005	0.0000	1.1216
Total	6.3000e-004	4.9000e-004	4.9300e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.1900e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.1207	1.1207	4.0000e-005	0.0000	1.1216

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Increase Transit Accessibility

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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	0.1412	0.8704	1.4468	4.6700e-003	0.1477	5.7000e-003	0.1534	0.0442	5.3800e-003	0.0496	0.0000	430.0340	430.0340	0.0211	0.0000	430.5609
Unmitigated	0.1510	0.9609	1.6575	5.5700e-003	0.1798	6.8000e-003	0.1866	0.0538	6.4200e-003	0.0602	0.0000	512.6385	512.6385	0.0235	0.0000	513.2251

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse High Rise	31.80	31.80	31.80	73,446	60,337
Condo/Townhouse High Rise	95.40	95.40	95.40	220,337	181,011
Condo/Townhouse High Rise	31.80	31.80	31.80	73,446	60,337
Total	159.00	159.00	159.00	367,228	301,684

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Condo/Townhouse High Rise	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3
Condo/Townhouse High Rise	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3
Condo/Townhouse High Rise	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3

4.4 Fleet Mix

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Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Condo/Townhouse High Rise	0.556416	0.041967	0.190895	0.111485	0.018156	0.005234	0.022193	0.041963	0.002079	0.002948	0.005586	0.000300	0.000779
Condo/Townhouse High Rise	0.556416	0.041967	0.190895	0.111485	0.018156	0.005234	0.022193	0.041963	0.002079	0.002948	0.005586	0.000300	0.000779
Condo/Townhouse High Rise	0.556416	0.041967	0.190895	0.111485	0.018156	0.005234	0.022193	0.041963	0.002079	0.002948	0.005586	0.000300	0.000779

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive 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	26.9980	26.9980	1.2200e-003	2.5000e-004	27.1038
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	27.8173	27.8173	1.2600e-003	2.6000e-004	27.9262
NaturalGas Mitigated	9.7000e-004	8.2700e-003	3.5200e-003	5.0000e-005		6.7000e-004	6.7000e-004		6.7000e-004	6.7000e-004	0.0000	9.5721	9.5721	1.8000e-004	1.8000e-004	9.6290
NaturalGas Unmitigated	1.2300e-003	0.0105	4.4900e-003	7.0000e-005		8.5000e-004	8.5000e-004		8.5000e-004	8.5000e-004	0.0000	12.2092	12.2092	2.3000e-004	2.2000e-004	12.2817

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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					
Condo/Townhouse High Rise	137275	7.4000e-004	6.3300e-003	2.6900e-003	4.0000e-005		5.1000e-004	5.1000e-004		5.1000e-004	5.1000e-004	0.0000	7.3255	7.3255	1.4000e-004	1.3000e-004	7.3691
Condo/Townhouse High Rise	45758.3	4.9000e-004	4.2200e-003	1.7900e-003	3.0000e-005		3.4000e-004	3.4000e-004		3.4000e-004	3.4000e-004	0.0000	4.8837	4.8837	9.0000e-005	9.0000e-005	4.9127
Total		1.2300e-003	0.0106	4.4800e-003	7.0000e-005		8.5000e-004	8.5000e-004		8.5000e-004	8.5000e-004	0.0000	12.2092	12.2092	2.3000e-004	2.2000e-004	12.2818

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					
Condo/Townhouse High Rise	107624	5.8000e-004	4.9600e-003	2.1100e-003	3.0000e-005		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004	0.0000	5.7433	5.7433	1.1000e-004	1.1000e-004	5.7774
Condo/Townhouse High Rise	35874.8	3.9000e-004	3.3100e-003	1.4100e-003	2.0000e-005		2.7000e-004	2.7000e-004		2.7000e-004	2.7000e-004	0.0000	3.8288	3.8288	7.0000e-005	7.0000e-005	3.8516
Total		9.7000e-004	8.2700e-003	3.5200e-003	5.0000e-005		6.7000e-004	6.7000e-004		6.7000e-004	6.7000e-004	0.0000	9.5721	9.5721	1.8000e-004	1.8000e-004	9.6290

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5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Condo/Townhouse High Rise	19124.2	11.1269	5.0000e-004	1.0000e-004	11.1705
Condo/Townhouse High Rise	57372.6	16.6904	7.5000e-004	1.6000e-004	16.7557
Total		27.8173	1.2500e-003	2.6000e-004	27.9262

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Condo/Townhouse High Rise	18561	10.7992	4.9000e-004	1.0000e-004	10.8415
Condo/Townhouse High Rise	55682.9	16.1988	7.3000e-004	1.5000e-004	16.2623
Total		26.9980	1.2200e-003	2.5000e-004	27.1038

6.0 Area Detail

6.1 Mitigation Measures Area

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Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

No Hearths Installed

	ROG	NOx	CO	SO2	Fugitive 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	0.0320	1.7300e-003	0.1492	1.0000e-005		8.2000e-004	8.2000e-004		8.2000e-004	8.2000e-004	0.0000	0.2426	0.2426	2.4000e-004	0.0000	0.2485
Unmitigated	0.1705	4.9100e-003	0.3399	3.9000e-004		0.0281	0.0281		0.0281	0.0281	2.7354	1.3661	4.1015	4.6300e-003	1.8000e-004	4.2708

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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	4.1900e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0233					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.1384	3.1900e-003	0.1906	3.8000e-004		0.0273	0.0273		0.0273	0.0273	2.7354	1.1236	3.8589	4.4000e-003	1.8000e-004	4.0223
Landscaping	4.5700e-003	1.7300e-003	0.1492	1.0000e-005		8.2000e-004	8.2000e-004		8.2000e-004	8.2000e-004	0.0000	0.2426	0.2426	2.4000e-004	0.0000	0.2485
Total	0.1705	4.9200e-003	0.3399	3.9000e-004		0.0281	0.0281		0.0281	0.0281	2.7354	1.3661	4.1015	4.6400e-003	1.8000e-004	4.2708

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6.2 Area by SubCategory

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	4.1900e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0233					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	4.5700e-003	1.7300e-003	0.1492	1.0000e-005		8.2000e-004	8.2000e-004		8.2000e-004	8.2000e-004	0.0000	0.2426	0.2426	2.4000e-004	0.0000	0.2485
Total	0.0320	1.7300e-003	0.1492	1.0000e-005		8.2000e-004	8.2000e-004		8.2000e-004	8.2000e-004	0.0000	0.2426	0.2426	2.4000e-004	0.0000	0.2485

7.0 Water Detail

7.1 Mitigation Measures Water

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	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	3.3011	0.0426	1.0300e-003	4.6727
Unmitigated	3.3011	0.0426	1.0300e-003	4.6727

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Condo/Townhouse High Rise	1.30308 / 0.821507	3.3011	0.0426	1.0300e-003	4.6727
Total		3.3011	0.0426	1.0300e-003	4.6727

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7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Condo/Townhouse High Rise	1.30308 / 0.821507	3.3011	0.0426	1.0300e-003	4.6727
Total		3.3011	0.0426	1.0300e-003	4.6727

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

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Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.9338	0.0552	0.0000	2.3134
Unmitigated	1.8675	0.1104	0.0000	4.6267

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Condo/Townhouse High Rise	9.2	1.8675	0.1104	0.0000	4.6267
Total		1.8675	0.1104	0.0000	4.6267

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8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Condo/Townhouse High Rise	4.6	0.9338	0.0552	0.0000	2.3134
Total		0.9338	0.0552	0.0000	2.3134

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Annual CalEEMod Results

CalEEMod Version: CalEEMod.2016.3.1

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Baker Road Townhomes - Alameda County, Summer

Baker Road Townhomes Alameda County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Condo/Townhouse High Rise	4.00	Dwelling Unit	0.36	1,917.00	11
Condo/Townhouse High Rise	12.00	Dwelling Unit	0.41	1,972.00	34
Condo/Townhouse High Rise	4.00	Dwelling Unit	0.36	2,068.00	11

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	63
Climate Zone	5			Operational Year	2019
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Baker Road Townhomes - Alameda County, Summer

Project Characteristics - Opp year 2019

Land Use - 3 floor plans: Plan1: 4 units 1,917SF, Plan2: 12 units 1,972SF, Plan3: 4 units 2,068SF. lot acreage changed to reflect 1.13 total lot acreage

Construction Phase - arch coating to overlap with construction. Grading to occur over 3 weeks per remedial action plan

Trips and VMT -

Demolition - used existing land use default estimation of 3,600sf for 1 duplex and 1 single family home

Grading - 1,770 exported 2,510 (remediation) + 685 (fill) CY of material would be imported. 1.13 acre site

Vehicle Trips - 159 daily trips per traffic study changed daily defaults to 7.95 trips per dwelling unit

Woodstoves - assume 0 fireplaces 0 hearth

Area Coating -

Energy Use -

Construction Off-road Equipment Mitigation - water 2x per day per AQ BMP

Mobile Land Use Mitigation - 19.7 du/acre density. 0.6 miles (walking) to Bart station

Area Mitigation - no hearth, low VOC paint

Energy Mitigation - 2016 T 24 is 28% more stringent than 2008 T 24

Waste Mitigation - per AB 341

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	0
tblConstructionPhase	NumDays	10.00	100.00
tblConstructionPhase	NumDays	4.00	21.00
tblConstructionPhase	PhaseEndDate	4/9/2018	8/13/2018
tblConstructionPhase	PhaseEndDate	3/12/2018	8/2/2018
tblConstructionPhase	PhaseEndDate	5/26/2017	9/28/2017
tblConstructionPhase	PhaseEndDate	6/5/2017	10/27/2017
tblConstructionPhase	PhaseEndDate	3/26/2018	8/16/2018
tblConstructionPhase	PhaseEndDate	5/30/2017	9/28/2017

Baker Road Townhomes - Alameda County, Summer

tblConstructionPhase	PhaseStartDate	6/6/2017	10/27/2017
tblConstructionPhase	PhaseStartDate	5/1/2017	9/1/2017
tblConstructionPhase	PhaseStartDate	5/31/2017	9/29/2017
tblConstructionPhase	PhaseStartDate	3/13/2018	8/3/2018
tblConstructionPhase	PhaseStartDate	5/27/2017	9/27/2017
tblGrading	AcresOfGrading	7.88	1.13
tblGrading	MaterialExported	0.00	1,770.00
tblGrading	MaterialImported	0.00	3,195.00
tblLandUse	BuildingSpaceSquareFeet	12,000.00	1,972.00
tblLandUse	BuildingSpaceSquareFeet	4,000.00	1,917.00
tblLandUse	BuildingSpaceSquareFeet	4,000.00	2,068.00
tblLandUse	LandUseSquareFeet	12,000.00	1,972.00
tblLandUse	LandUseSquareFeet	4,000.00	1,917.00
tblLandUse	LandUseSquareFeet	4,000.00	2,068.00
tblLandUse	LotAcreage	0.19	0.41
tblLandUse	LotAcreage	0.06	0.36
tblLandUse	LotAcreage	0.06	0.36
tblProjectCharacteristics	OperationalYear	2018	2019
tblVehicleEF	HHD	1.00	0.93
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.14	0.11
tblVehicleEF	HHD	3.14	2.87
tblVehicleEF	HHD	0.92	0.90
tblVehicleEF	HHD	2.40	2.22
tblVehicleEF	HHD	5,072.27	5,083.91
tblVehicleEF	HHD	1,672.22	1,651.29
tblVehicleEF	HHD	7.00	6.65

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	24.91	23.52
tblVehicleEF	HHD	4.77	4.41
tblVehicleEF	HHD	20.10	20.10
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	9.8000e-005	6.4000e-005
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8890e-003	8.8900e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	9.1000e-005	6.0000e-005
tblVehicleEF	HHD	6.5000e-005	5.5000e-005
tblVehicleEF	HHD	4.5950e-003	3.5030e-003
tblVehicleEF	HHD	0.81	0.74
tblVehicleEF	HHD	4.2000e-005	3.7000e-005
tblVehicleEF	HHD	0.16	0.15
tblVehicleEF	HHD	3.6900e-004	2.9000e-004
tblVehicleEF	HHD	0.09	0.07
tblVehicleEF	HHD	0.05	0.05
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.1000e-004	1.0400e-004
tblVehicleEF	HHD	6.5000e-005	5.5000e-005
tblVehicleEF	HHD	4.5950e-003	3.5030e-003
tblVehicleEF	HHD	0.93	0.85

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	HHD	4.2000e-005	3.7000e-005
tblVehicleEF	HHD	0.22	0.21
tblVehicleEF	HHD	3.6900e-004	2.9000e-004
tblVehicleEF	HHD	0.09	0.08
tblVehicleEF	HHD	0.94	0.88
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.13	0.11
tblVehicleEF	HHD	2.29	2.10
tblVehicleEF	HHD	0.93	0.91
tblVehicleEF	HHD	2.19	2.02
tblVehicleEF	HHD	5,369.43	5,382.76
tblVehicleEF	HHD	1,672.22	1,651.29
tblVehicleEF	HHD	7.00	6.65
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	25.70	24.27
tblVehicleEF	HHD	4.59	4.25
tblVehicleEF	HHD	20.09	20.09
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	9.8000e-005	6.4000e-005
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8890e-003	8.8900e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	9.1000e-005	6.0000e-005

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	HHD	1.7100e-004	1.3900e-004
tblVehicleEF	HHD	5.0080e-003	3.8020e-003
tblVehicleEF	HHD	0.77	0.70
tblVehicleEF	HHD	1.0400e-004	8.6000e-005
tblVehicleEF	HHD	0.16	0.15
tblVehicleEF	HHD	3.6500e-004	2.8500e-004
tblVehicleEF	HHD	0.08	0.07
tblVehicleEF	HHD	0.05	0.05
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.0700e-004	1.0000e-004
tblVehicleEF	HHD	1.7100e-004	1.3900e-004
tblVehicleEF	HHD	5.0080e-003	3.8020e-003
tblVehicleEF	HHD	0.88	0.80
tblVehicleEF	HHD	1.0400e-004	8.6000e-005
tblVehicleEF	HHD	0.22	0.21
tblVehicleEF	HHD	3.6500e-004	2.8500e-004
tblVehicleEF	HHD	0.09	0.07
tblVehicleEF	HHD	1.08	1.01
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.14	0.12
tblVehicleEF	HHD	4.31	3.95
tblVehicleEF	HHD	0.92	0.90
tblVehicleEF	HHD	2.59	2.40
tblVehicleEF	HHD	4,661.92	4,671.21
tblVehicleEF	HHD	1,672.22	1,651.29
tblVehicleEF	HHD	7.00	6.65
tblVehicleEF	HHD	0.04	0.04

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	HHD	23.82	22.49
tblVehicleEF	HHD	4.85	4.48
tblVehicleEF	HHD	20.12	20.11
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	9.8000e-005	6.4000e-005
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8890e-003	8.8900e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	9.1000e-005	6.0000e-005
tblVehicleEF	HHD	2.6000e-005	2.4000e-005
tblVehicleEF	HHD	5.2040e-003	3.7610e-003
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tblVehicleEF	HHD	0.09	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.1400e-004	1.0600e-004
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tblVehicleEF	HHD	5.2040e-003	3.7610e-003
tblVehicleEF	HHD	1.00	0.92
tblVehicleEF	HHD	1.8000e-005	1.7000e-005

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	HHD	0.22	0.21
tblVehicleEF	HHD	4.0500e-004	3.2000e-004
tblVehicleEF	HHD	0.10	0.08
tblVehicleEF	LDA	6.0690e-003	5.3830e-003
tblVehicleEF	LDA	0.01	8.7310e-003
tblVehicleEF	LDA	0.74	0.67
tblVehicleEF	LDA	1.98	1.75
tblVehicleEF	LDA	286.92	276.68
tblVehicleEF	LDA	64.27	62.43
tblVehicleEF	LDA	0.56	0.56
tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	0.13	0.11
tblVehicleEF	LDA	1.9360e-003	1.8960e-003
tblVehicleEF	LDA	2.3940e-003	2.3480e-003
tblVehicleEF	LDA	1.7880e-003	1.7500e-003
tblVehicleEF	LDA	2.2020e-003	2.1600e-003
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.15	0.14
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.14	0.12
tblVehicleEF	LDA	2.8750e-003	2.7710e-003
tblVehicleEF	LDA	6.7700e-004	6.5400e-004
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.15	0.14
tblVehicleEF	LDA	0.04	0.04

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.15	0.13
tblVehicleEF	LDA	6.7580e-003	5.9990e-003
tblVehicleEF	LDA	8.2740e-003	7.0940e-003
tblVehicleEF	LDA	0.87	0.79
tblVehicleEF	LDA	1.52	1.34
tblVehicleEF	LDA	310.23	299.15
tblVehicleEF	LDA	64.27	62.43
tblVehicleEF	LDA	0.56	0.56
tblVehicleEF	LDA	0.07	0.06
tblVehicleEF	LDA	0.11	0.10
tblVehicleEF	LDA	1.9360e-003	1.8960e-003
tblVehicleEF	LDA	2.3940e-003	2.3480e-003
tblVehicleEF	LDA	1.7880e-003	1.7500e-003
tblVehicleEF	LDA	2.2020e-003	2.1600e-003
tblVehicleEF	LDA	0.11	0.10
tblVehicleEF	LDA	0.17	0.15
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.11	0.10
tblVehicleEF	LDA	3.1100e-003	2.9980e-003
tblVehicleEF	LDA	6.6900e-004	6.4700e-004
tblVehicleEF	LDA	0.11	0.10
tblVehicleEF	LDA	0.17	0.15
tblVehicleEF	LDA	0.09	0.08

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.12	0.10
tblVehicleEF	LDA	5.9620e-003	5.2810e-003
tblVehicleEF	LDA	0.01	9.8830e-003
tblVehicleEF	LDA	0.73	0.67
tblVehicleEF	LDA	2.31	2.04
tblVehicleEF	LDA	284.58	274.43
tblVehicleEF	LDA	64.27	62.43
tblVehicleEF	LDA	0.56	0.56
tblVehicleEF	LDA	0.08	0.07
tblVehicleEF	LDA	0.14	0.12
tblVehicleEF	LDA	1.9360e-003	1.8960e-003
tblVehicleEF	LDA	2.3940e-003	2.3480e-003
tblVehicleEF	LDA	1.7880e-003	1.7500e-003
tblVehicleEF	LDA	2.2020e-003	2.1600e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.16	0.14
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.16	0.13
tblVehicleEF	LDA	2.8510e-003	2.7490e-003
tblVehicleEF	LDA	6.8300e-004	6.6000e-004
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.16	0.14
tblVehicleEF	LDA	0.02	0.02

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.17	0.15
tblVehicleEF	LDT1	0.01	0.01
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	1.53	1.36
tblVehicleEF	LDT1	4.20	3.75
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tblVehicleEF	LDT1	76.24	74.73
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tblVehicleEF	LDT1	0.16	0.14
tblVehicleEF	LDT1	0.24	0.21
tblVehicleEF	LDT1	2.8080e-003	2.6570e-003
tblVehicleEF	LDT1	3.7610e-003	3.5500e-003
tblVehicleEF	LDT1	2.5880e-003	2.4480e-003
tblVehicleEF	LDT1	3.4600e-003	3.2650e-003
tblVehicleEF	LDT1	0.11	0.10
tblVehicleEF	LDT1	0.31	0.29
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.04	0.03
tblVehicleEF	LDT1	0.20	0.18
tblVehicleEF	LDT1	0.30	0.26
tblVehicleEF	LDT1	3.4280e-003	3.3380e-003
tblVehicleEF	LDT1	8.3700e-004	8.1300e-004
tblVehicleEF	LDT1	0.11	0.10
tblVehicleEF	LDT1	0.31	0.29
tblVehicleEF	LDT1	0.09	0.09

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	0.20	0.18
tblVehicleEF	LDT1	0.33	0.28
tblVehicleEF	LDT1	0.01	0.01
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	1.76	1.56
tblVehicleEF	LDT1	3.19	2.85
tblVehicleEF	LDT1	367.36	358.04
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tblVehicleEF	LDT1	0.14	0.13
tblVehicleEF	LDT1	0.21	0.19
tblVehicleEF	LDT1	2.8080e-003	2.6570e-003
tblVehicleEF	LDT1	3.7610e-003	3.5500e-003
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tblVehicleEF	LDT1	3.4600e-003	3.2650e-003
tblVehicleEF	LDT1	0.28	0.26
tblVehicleEF	LDT1	0.36	0.34
tblVehicleEF	LDT1	0.20	0.19
tblVehicleEF	LDT1	0.04	0.03
tblVehicleEF	LDT1	0.18	0.17
tblVehicleEF	LDT1	0.24	0.21
tblVehicleEF	LDT1	3.6960e-003	3.6000e-003
tblVehicleEF	LDT1	8.1900e-004	7.9700e-004
tblVehicleEF	LDT1	0.28	0.26
tblVehicleEF	LDT1	0.36	0.34
tblVehicleEF	LDT1	0.20	0.19

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	LDT1	0.06	0.05
tblVehicleEF	LDT1	0.18	0.17
tblVehicleEF	LDT1	0.26	0.23
tblVehicleEF	LDT1	0.01	0.01
tblVehicleEF	LDT1	0.03	0.02
tblVehicleEF	LDT1	1.53	1.35
tblVehicleEF	LDT1	4.94	4.41
tblVehicleEF	LDT1	338.28	329.61
tblVehicleEF	LDT1	76.24	74.73
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.18	0.16
tblVehicleEF	LDT1	0.26	0.23
tblVehicleEF	LDT1	2.8080e-003	2.6570e-003
tblVehicleEF	LDT1	3.7610e-003	3.5500e-003
tblVehicleEF	LDT1	2.5880e-003	2.4480e-003
tblVehicleEF	LDT1	3.4600e-003	3.2650e-003
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.34	0.32
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.24	0.22
tblVehicleEF	LDT1	0.34	0.29
tblVehicleEF	LDT1	3.4020e-003	3.3120e-003
tblVehicleEF	LDT1	8.5000e-004	8.2500e-004
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.34	0.32
tblVehicleEF	LDT1	0.04	0.04

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	0.24	0.22
tblVehicleEF	LDT1	0.37	0.32
tblVehicleEF	LDT2	7.3500e-003	6.5800e-003
tblVehicleEF	LDT2	0.01	9.9930e-003
tblVehicleEF	LDT2	0.89	0.81
tblVehicleEF	LDT2	2.33	2.06
tblVehicleEF	LDT2	389.23	377.94
tblVehicleEF	LDT2	87.68	85.45
tblVehicleEF	LDT2	0.19	0.19
tblVehicleEF	LDT2	0.11	0.09
tblVehicleEF	LDT2	0.20	0.18
tblVehicleEF	LDT2	1.7030e-003	1.7160e-003
tblVehicleEF	LDT2	2.2620e-003	2.2650e-003
tblVehicleEF	LDT2	1.5670e-003	1.5790e-003
tblVehicleEF	LDT2	2.0810e-003	2.0830e-003
tblVehicleEF	LDT2	0.05	0.04
tblVehicleEF	LDT2	0.14	0.13
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.08	0.07
tblVehicleEF	LDT2	0.16	0.13
tblVehicleEF	LDT2	3.9000e-003	3.7860e-003
tblVehicleEF	LDT2	9.1700e-004	8.9000e-004
tblVehicleEF	LDT2	0.05	0.04
tblVehicleEF	LDT2	0.14	0.13
tblVehicleEF	LDT2	0.04	0.04

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.08	0.07
tblVehicleEF	LDT2	0.17	0.15
tblVehicleEF	LDT2	8.1630e-003	7.3240e-003
tblVehicleEF	LDT2	9.3640e-003	8.1290e-003
tblVehicleEF	LDT2	1.04	0.95
tblVehicleEF	LDT2	1.79	1.58
tblVehicleEF	LDT2	420.17	408.01
tblVehicleEF	LDT2	87.68	85.45
tblVehicleEF	LDT2	0.19	0.19
tblVehicleEF	LDT2	0.09	0.08
tblVehicleEF	LDT2	0.18	0.15
tblVehicleEF	LDT2	1.7030e-003	1.7160e-003
tblVehicleEF	LDT2	2.2620e-003	2.2650e-003
tblVehicleEF	LDT2	1.5670e-003	1.5790e-003
tblVehicleEF	LDT2	2.0810e-003	2.0830e-003
tblVehicleEF	LDT2	0.11	0.11
tblVehicleEF	LDT2	0.16	0.15
tblVehicleEF	LDT2	0.10	0.09
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.07
tblVehicleEF	LDT2	0.13	0.11
tblVehicleEF	LDT2	4.2110e-003	4.0880e-003
tblVehicleEF	LDT2	9.0700e-004	8.8100e-004
tblVehicleEF	LDT2	0.11	0.11
tblVehicleEF	LDT2	0.16	0.15
tblVehicleEF	LDT2	0.10	0.09

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.07	0.07
tblVehicleEF	LDT2	0.14	0.12
tblVehicleEF	LDT2	7.2120e-003	6.4430e-003
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.88	0.80
tblVehicleEF	LDT2	2.72	2.41
tblVehicleEF	LDT2	386.14	374.94
tblVehicleEF	LDT2	87.68	85.45
tblVehicleEF	LDT2	0.19	0.19
tblVehicleEF	LDT2	0.12	0.10
tblVehicleEF	LDT2	0.22	0.19
tblVehicleEF	LDT2	1.7030e-003	1.7160e-003
tblVehicleEF	LDT2	2.2620e-003	2.2650e-003
tblVehicleEF	LDT2	1.5670e-003	1.5790e-003
tblVehicleEF	LDT2	2.0810e-003	2.0830e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.15	0.14
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.18	0.15
tblVehicleEF	LDT2	3.8690e-003	3.7550e-003
tblVehicleEF	LDT2	9.2400e-004	8.9600e-004
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.15	0.14
tblVehicleEF	LDT2	0.02	0.02

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.19	0.17
tblVehicleEF	LHD1	6.4230e-003	6.2400e-003
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.16	0.16
tblVehicleEF	LHD1	1.46	1.36
tblVehicleEF	LHD1	3.35	3.17
tblVehicleEF	LHD1	9.00	9.00
tblVehicleEF	LHD1	726.39	718.43
tblVehicleEF	LHD1	35.64	34.92
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	1.68	1.58
tblVehicleEF	LHD1	1.19	1.16
tblVehicleEF	LHD1	8.5500e-004	8.6500e-004
tblVehicleEF	LHD1	9.8040e-003	9.8640e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.1860e-003	1.1150e-003
tblVehicleEF	LHD1	8.1800e-004	8.2700e-004
tblVehicleEF	LHD1	2.4510e-003	2.4660e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.0920e-003	1.0260e-003
tblVehicleEF	LHD1	2.5390e-003	2.5090e-003
tblVehicleEF	LHD1	0.11	0.11
tblVehicleEF	LHD1	0.02	0.02

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	LHD1	1.3800e-003	1.3850e-003
tblVehicleEF	LHD1	0.15	0.14
tblVehicleEF	LHD1	0.31	0.31
tblVehicleEF	LHD1	0.34	0.33
tblVehicleEF	LHD1	7.1560e-003	7.0720e-003
tblVehicleEF	LHD1	4.2000e-004	4.0900e-004
tblVehicleEF	LHD1	2.5390e-003	2.5090e-003
tblVehicleEF	LHD1	0.11	0.11
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.3800e-003	1.3850e-003
tblVehicleEF	LHD1	0.18	0.18
tblVehicleEF	LHD1	0.31	0.31
tblVehicleEF	LHD1	0.38	0.36
tblVehicleEF	LHD1	6.4230e-003	6.2400e-003
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.16	0.16
tblVehicleEF	LHD1	1.50	1.40
tblVehicleEF	LHD1	3.06	2.91
tblVehicleEF	LHD1	9.00	9.00
tblVehicleEF	LHD1	726.39	718.43
tblVehicleEF	LHD1	35.64	34.92
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	1.60	1.50
tblVehicleEF	LHD1	1.10	1.07
tblVehicleEF	LHD1	8.5500e-004	8.6500e-004

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	LHD1	9.8040e-003	9.8640e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.1860e-003	1.1150e-003
tblVehicleEF	LHD1	8.1800e-004	8.2700e-004
tblVehicleEF	LHD1	2.4510e-003	2.4660e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.0920e-003	1.0260e-003
tblVehicleEF	LHD1	6.4010e-003	6.2780e-003
tblVehicleEF	LHD1	0.12	0.12
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.0710e-003	3.0460e-003
tblVehicleEF	LHD1	0.15	0.14
tblVehicleEF	LHD1	0.30	0.30
tblVehicleEF	LHD1	0.32	0.30
tblVehicleEF	LHD1	7.1570e-003	7.0730e-003
tblVehicleEF	LHD1	4.1400e-004	4.0400e-004
tblVehicleEF	LHD1	6.4010e-003	6.2780e-003
tblVehicleEF	LHD1	0.12	0.12
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	3.0710e-003	3.0460e-003
tblVehicleEF	LHD1	0.19	0.18
tblVehicleEF	LHD1	0.30	0.30
tblVehicleEF	LHD1	0.35	0.33
tblVehicleEF	LHD1	6.4230e-003	6.2400e-003
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.16	0.16

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	LHD1	1.44	1.34
tblVehicleEF	LHD1	3.61	3.42
tblVehicleEF	LHD1	9.00	9.00
tblVehicleEF	LHD1	726.39	718.43
tblVehicleEF	LHD1	35.64	34.92
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	1.72	1.61
tblVehicleEF	LHD1	1.26	1.23
tblVehicleEF	LHD1	8.5500e-004	8.6500e-004
tblVehicleEF	LHD1	9.8040e-003	9.8640e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.1860e-003	1.1150e-003
tblVehicleEF	LHD1	8.1800e-004	8.2700e-004
tblVehicleEF	LHD1	2.4510e-003	2.4660e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.0920e-003	1.0260e-003
tblVehicleEF	LHD1	9.8600e-004	9.9300e-004
tblVehicleEF	LHD1	0.12	0.12
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	6.4600e-004	6.5600e-004
tblVehicleEF	LHD1	0.14	0.14
tblVehicleEF	LHD1	0.35	0.35
tblVehicleEF	LHD1	0.36	0.34
tblVehicleEF	LHD1	7.1560e-003	7.0720e-003
tblVehicleEF	LHD1	4.2400e-004	4.1400e-004
tblVehicleEF	LHD1	9.8600e-004	9.9300e-004

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	LHD1	0.12	0.12
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	6.4600e-004	6.5600e-004
tblVehicleEF	LHD1	0.18	0.17
tblVehicleEF	LHD1	0.35	0.35
tblVehicleEF	LHD1	0.40	0.38
tblVehicleEF	LHD2	4.5560e-003	4.3560e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.81	0.74
tblVehicleEF	LHD2	1.81	1.65
tblVehicleEF	LHD2	13.89	13.89
tblVehicleEF	LHD2	749.51	739.57
tblVehicleEF	LHD2	28.74	27.98
tblVehicleEF	LHD2	5.2340e-003	5.2280e-003
tblVehicleEF	LHD2	0.11	0.11
tblVehicleEF	LHD2	1.37	1.20
tblVehicleEF	LHD2	0.69	0.64
tblVehicleEF	LHD2	1.2540e-003	1.2510e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.7800e-004	5.3200e-004
tblVehicleEF	LHD2	1.2000e-003	1.1970e-003
tblVehicleEF	LHD2	2.6380e-003	2.6480e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.3200e-004	4.9000e-004

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	LHD2	1.1570e-003	1.0650e-003
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.3800e-004	6.0200e-004
tblVehicleEF	LHD2	0.12	0.12
tblVehicleEF	LHD2	0.12	0.10
tblVehicleEF	LHD2	0.17	0.15
tblVehicleEF	LHD2	7.3100e-003	7.2090e-003
tblVehicleEF	LHD2	3.2100e-004	3.1000e-004
tblVehicleEF	LHD2	1.1570e-003	1.0650e-003
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.3800e-004	6.0200e-004
tblVehicleEF	LHD2	0.15	0.14
tblVehicleEF	LHD2	0.12	0.10
tblVehicleEF	LHD2	0.19	0.17
tblVehicleEF	LHD2	4.5560e-003	4.3560e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.82	0.75
tblVehicleEF	LHD2	1.66	1.52
tblVehicleEF	LHD2	13.89	13.89
tblVehicleEF	LHD2	749.51	739.57
tblVehicleEF	LHD2	28.74	27.98
tblVehicleEF	LHD2	5.2340e-003	5.2280e-003
tblVehicleEF	LHD2	0.11	0.11

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	LHD2	1.31	1.15
tblVehicleEF	LHD2	0.64	0.60
tblVehicleEF	LHD2	1.2540e-003	1.2510e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.7800e-004	5.3200e-004
tblVehicleEF	LHD2	1.2000e-003	1.1970e-003
tblVehicleEF	LHD2	2.6380e-003	2.6480e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.3200e-004	4.9000e-004
tblVehicleEF	LHD2	2.9140e-003	2.6580e-003
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4210e-003	1.3250e-003
tblVehicleEF	LHD2	0.12	0.12
tblVehicleEF	LHD2	0.11	0.10
tblVehicleEF	LHD2	0.16	0.14
tblVehicleEF	LHD2	7.3100e-003	7.2090e-003
tblVehicleEF	LHD2	3.1800e-004	3.0800e-004
tblVehicleEF	LHD2	2.9140e-003	2.6580e-003
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4210e-003	1.3250e-003
tblVehicleEF	LHD2	0.15	0.14
tblVehicleEF	LHD2	0.11	0.10
tblVehicleEF	LHD2	0.17	0.16
tblVehicleEF	LHD2	4.5560e-003	4.3560e-003

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.80	0.74
tblVehicleEF	LHD2	1.94	1.77
tblVehicleEF	LHD2	13.89	13.89
tblVehicleEF	LHD2	749.51	739.57
tblVehicleEF	LHD2	28.74	27.98
tblVehicleEF	LHD2	5.2340e-003	5.2280e-003
tblVehicleEF	LHD2	0.11	0.11
tblVehicleEF	LHD2	1.39	1.22
tblVehicleEF	LHD2	0.73	0.68
tblVehicleEF	LHD2	1.2540e-003	1.2510e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.7800e-004	5.3200e-004
tblVehicleEF	LHD2	1.2000e-003	1.1970e-003
tblVehicleEF	LHD2	2.6380e-003	2.6480e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.3200e-004	4.9000e-004
tblVehicleEF	LHD2	4.5700e-004	4.3200e-004
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.0200e-004	2.8900e-004
tblVehicleEF	LHD2	0.12	0.12
tblVehicleEF	LHD2	0.13	0.12
tblVehicleEF	LHD2	0.18	0.16

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	LHD2	7.3100e-003	7.2090e-003
tblVehicleEF	LHD2	3.2300e-004	3.1200e-004
tblVehicleEF	LHD2	4.5700e-004	4.3200e-004
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.0200e-004	2.8900e-004
tblVehicleEF	LHD2	0.15	0.14
tblVehicleEF	LHD2	0.13	0.12
tblVehicleEF	LHD2	0.19	0.17
tblVehicleEF	MCY	0.45	0.45
tblVehicleEF	MCY	0.17	0.17
tblVehicleEF	MCY	21.96	21.38
tblVehicleEF	MCY	10.16	10.18
tblVehicleEF	MCY	172.16	172.94
tblVehicleEF	MCY	47.55	47.11
tblVehicleEF	MCY	5.5860e-003	5.5690e-003
tblVehicleEF	MCY	1.18	1.18
tblVehicleEF	MCY	0.32	0.32
tblVehicleEF	MCY	2.0000e-003	2.0350e-003
tblVehicleEF	MCY	4.7610e-003	4.5310e-003
tblVehicleEF	MCY	1.8790e-003	1.9090e-003
tblVehicleEF	MCY	4.5110e-003	4.2880e-003
tblVehicleEF	MCY	0.82	0.82
tblVehicleEF	MCY	0.81	0.79
tblVehicleEF	MCY	0.52	0.51
tblVehicleEF	MCY	2.45	2.41
tblVehicleEF	MCY	0.69	0.66

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	MCY	2.33	2.31
tblVehicleEF	MCY	2.1510e-003	2.1480e-003
tblVehicleEF	MCY	7.1100e-004	7.0600e-004
tblVehicleEF	MCY	0.82	0.82
tblVehicleEF	MCY	0.81	0.79
tblVehicleEF	MCY	0.52	0.51
tblVehicleEF	MCY	2.98	2.95
tblVehicleEF	MCY	0.69	0.66
tblVehicleEF	MCY	2.54	2.51
tblVehicleEF	MCY	0.43	0.43
tblVehicleEF	MCY	0.14	0.14
tblVehicleEF	MCY	20.68	20.16
tblVehicleEF	MCY	8.86	8.86
tblVehicleEF	MCY	172.16	172.94
tblVehicleEF	MCY	47.55	47.11
tblVehicleEF	MCY	5.5860e-003	5.5690e-003
tblVehicleEF	MCY	1.03	1.03
tblVehicleEF	MCY	0.29	0.29
tblVehicleEF	MCY	2.0000e-003	2.0350e-003
tblVehicleEF	MCY	4.7610e-003	4.5310e-003
tblVehicleEF	MCY	1.8790e-003	1.9090e-003
tblVehicleEF	MCY	4.5110e-003	4.2880e-003
tblVehicleEF	MCY	2.40	2.38
tblVehicleEF	MCY	1.04	1.02
tblVehicleEF	MCY	1.51	1.49
tblVehicleEF	MCY	2.32	2.30
tblVehicleEF	MCY	0.64	0.62

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	MCY	1.90	1.88
tblVehicleEF	MCY	2.1260e-003	2.1250e-003
tblVehicleEF	MCY	6.7600e-004	6.7100e-004
tblVehicleEF	MCY	2.40	2.38
tblVehicleEF	MCY	1.04	1.02
tblVehicleEF	MCY	1.51	1.49
tblVehicleEF	MCY	2.83	2.81
tblVehicleEF	MCY	0.64	0.62
tblVehicleEF	MCY	2.06	2.05
tblVehicleEF	MCY	0.46	0.47
tblVehicleEF	MCY	0.20	0.20
tblVehicleEF	MCY	23.93	23.25
tblVehicleEF	MCY	11.55	11.58
tblVehicleEF	MCY	172.16	172.94
tblVehicleEF	MCY	47.55	47.11
tblVehicleEF	MCY	5.5860e-003	5.5690e-003
tblVehicleEF	MCY	1.27	1.26
tblVehicleEF	MCY	0.34	0.34
tblVehicleEF	MCY	2.0000e-003	2.0350e-003
tblVehicleEF	MCY	4.7610e-003	4.5310e-003
tblVehicleEF	MCY	1.8790e-003	1.9090e-003
tblVehicleEF	MCY	4.5110e-003	4.2880e-003
tblVehicleEF	MCY	0.21	0.21
tblVehicleEF	MCY	0.98	0.96
tblVehicleEF	MCY	0.18	0.18
tblVehicleEF	MCY	2.58	2.53
tblVehicleEF	MCY	0.80	0.77

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	MCY	2.72	2.69
tblVehicleEF	MCY	2.1860e-003	2.1820e-003
tblVehicleEF	MCY	7.4500e-004	7.4000e-004
tblVehicleEF	MCY	0.21	0.21
tblVehicleEF	MCY	0.98	0.96
tblVehicleEF	MCY	0.18	0.18
tblVehicleEF	MCY	3.13	3.09
tblVehicleEF	MCY	0.80	0.77
tblVehicleEF	MCY	2.96	2.93
tblVehicleEF	MDV	0.01	0.01
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	1.59	1.47
tblVehicleEF	MDV	4.21	3.88
tblVehicleEF	MDV	514.01	501.65
tblVehicleEF	MDV	113.63	111.35
tblVehicleEF	MDV	0.11	0.11
tblVehicleEF	MDV	0.21	0.19
tblVehicleEF	MDV	0.39	0.35
tblVehicleEF	MDV	2.0140e-003	2.0030e-003
tblVehicleEF	MDV	2.7550e-003	2.7110e-003
tblVehicleEF	MDV	1.8590e-003	1.8490e-003
tblVehicleEF	MDV	2.5380e-003	2.4960e-003
tblVehicleEF	MDV	0.06	0.06
tblVehicleEF	MDV	0.20	0.19
tblVehicleEF	MDV	0.06	0.06
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.11	0.11

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	MDV	0.34	0.31
tblVehicleEF	MDV	5.1540e-003	5.0280e-003
tblVehicleEF	MDV	1.2120e-003	1.1830e-003
tblVehicleEF	MDV	0.06	0.06
tblVehicleEF	MDV	0.20	0.19
tblVehicleEF	MDV	0.06	0.06
tblVehicleEF	MDV	0.06	0.05
tblVehicleEF	MDV	0.11	0.11
tblVehicleEF	MDV	0.37	0.34
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.82	1.69
tblVehicleEF	MDV	3.26	3.00
tblVehicleEF	MDV	553.83	540.51
tblVehicleEF	MDV	113.63	111.35
tblVehicleEF	MDV	0.11	0.11
tblVehicleEF	MDV	0.19	0.17
tblVehicleEF	MDV	0.34	0.31
tblVehicleEF	MDV	2.0140e-003	2.0030e-003
tblVehicleEF	MDV	2.7550e-003	2.7110e-003
tblVehicleEF	MDV	1.8590e-003	1.8490e-003
tblVehicleEF	MDV	2.5380e-003	2.4960e-003
tblVehicleEF	MDV	0.15	0.15
tblVehicleEF	MDV	0.22	0.21
tblVehicleEF	MDV	0.14	0.13
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.10	0.10

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	MDV	0.27	0.25
tblVehicleEF	MDV	5.5550e-003	5.4200e-003
tblVehicleEF	MDV	1.1940e-003	1.1670e-003
tblVehicleEF	MDV	0.15	0.15
tblVehicleEF	MDV	0.22	0.21
tblVehicleEF	MDV	0.14	0.13
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.10	0.10
tblVehicleEF	MDV	0.30	0.27
tblVehicleEF	MDV	0.01	0.01
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	1.60	1.48
tblVehicleEF	MDV	4.92	4.53
tblVehicleEF	MDV	510.03	497.77
tblVehicleEF	MDV	113.63	111.35
tblVehicleEF	MDV	0.11	0.11
tblVehicleEF	MDV	0.23	0.21
tblVehicleEF	MDV	0.42	0.38
tblVehicleEF	MDV	2.0140e-003	2.0030e-003
tblVehicleEF	MDV	2.7550e-003	2.7110e-003
tblVehicleEF	MDV	1.8590e-003	1.8490e-003
tblVehicleEF	MDV	2.5380e-003	2.4960e-003
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.20	0.20
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.13	0.13

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	MDV	0.38	0.35
tblVehicleEF	MDV	5.1140e-003	4.9900e-003
tblVehicleEF	MDV	1.2240e-003	1.1940e-003
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.20	0.20
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.06	0.05
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.42	0.38
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.04	0.04
tblVehicleEF	MH	5.17	4.22
tblVehicleEF	MH	8.82	8.03
tblVehicleEF	MH	1,238.06	1,231.80
tblVehicleEF	MH	66.74	63.85
tblVehicleEF	MH	7.7900e-004	7.5900e-004
tblVehicleEF	MH	1.72	1.61
tblVehicleEF	MH	1.07	1.02
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	2.1950e-003	1.7950e-003
tblVehicleEF	MH	3.1990e-003	3.2030e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	2.0440e-003	1.6640e-003
tblVehicleEF	MH	1.08	1.00
tblVehicleEF	MH	0.10	0.10
tblVehicleEF	MH	0.40	0.37

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	MH	0.21	0.17
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	0.56	0.49
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	8.2300e-004	7.7900e-004
tblVehicleEF	MH	1.08	1.00
tblVehicleEF	MH	0.10	0.10
tblVehicleEF	MH	0.40	0.37
tblVehicleEF	MH	0.27	0.23
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	0.61	0.53
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.04	0.03
tblVehicleEF	MH	5.25	4.34
tblVehicleEF	MH	7.99	7.24
tblVehicleEF	MH	1,238.06	1,231.80
tblVehicleEF	MH	66.74	63.85
tblVehicleEF	MH	7.7900e-004	7.5900e-004
tblVehicleEF	MH	1.60	1.50
tblVehicleEF	MH	0.99	0.94
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	2.1950e-003	1.7950e-003
tblVehicleEF	MH	3.1990e-003	3.2030e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	2.0440e-003	1.6640e-003
tblVehicleEF	MH	2.75	2.53

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	MH	0.11	0.10
tblVehicleEF	MH	0.91	0.84
tblVehicleEF	MH	0.21	0.18
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	0.52	0.45
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	8.0900e-004	7.6600e-004
tblVehicleEF	MH	2.75	2.53
tblVehicleEF	MH	0.11	0.10
tblVehicleEF	MH	0.91	0.84
tblVehicleEF	MH	0.28	0.24
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	0.56	0.49
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.04	0.04
tblVehicleEF	MH	5.20	4.19
tblVehicleEF	MH	9.61	8.74
tblVehicleEF	MH	1,238.06	1,231.80
tblVehicleEF	MH	66.74	63.85
tblVehicleEF	MH	7.7900e-004	7.5900e-004
tblVehicleEF	MH	1.79	1.67
tblVehicleEF	MH	1.14	1.08
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	2.1950e-003	1.7950e-003
tblVehicleEF	MH	3.1990e-003	3.2030e-003
tblVehicleEF	MH	0.03	0.03

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	MH	2.0440e-003	1.6640e-003
tblVehicleEF	MH	0.38	0.36
tblVehicleEF	MH	0.13	0.12
tblVehicleEF	MH	0.18	0.17
tblVehicleEF	MH	0.21	0.17
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	0.60	0.52
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	8.3700e-004	7.9200e-004
tblVehicleEF	MH	0.38	0.36
tblVehicleEF	MH	0.13	0.12
tblVehicleEF	MH	0.18	0.17
tblVehicleEF	MH	0.27	0.23
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	0.65	0.57
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.01	8.8870e-003
tblVehicleEF	MHD	0.07	0.07
tblVehicleEF	MHD	0.46	0.40
tblVehicleEF	MHD	0.78	0.59
tblVehicleEF	MHD	7.10	6.44
tblVehicleEF	MHD	168.57	168.62
tblVehicleEF	MHD	1,211.38	1,205.76
tblVehicleEF	MHD	50.98	49.68
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.29	1.06
tblVehicleEF	MHD	2.95	2.25

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	MHD	12.59	12.66
tblVehicleEF	MHD	5.2710e-003	3.3170e-003
tblVehicleEF	MHD	0.07	0.04
tblVehicleEF	MHD	9.1500e-004	8.1400e-004
tblVehicleEF	MHD	5.0430e-003	3.1740e-003
tblVehicleEF	MHD	0.07	0.04
tblVehicleEF	MHD	8.4200e-004	7.4900e-004
tblVehicleEF	MHD	9.6200e-004	8.8300e-004
tblVehicleEF	MHD	0.05	0.04
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	5.1500e-004	4.8200e-004
tblVehicleEF	MHD	0.18	0.12
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.43	0.39
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.3500e-004	6.1000e-004
tblVehicleEF	MHD	9.6200e-004	8.8300e-004
tblVehicleEF	MHD	0.05	0.04
tblVehicleEF	MHD	0.05	0.04
tblVehicleEF	MHD	5.1500e-004	4.8200e-004
tblVehicleEF	MHD	0.21	0.14
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.47	0.42
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.01	9.0440e-003
tblVehicleEF	MHD	0.07	0.06
tblVehicleEF	MHD	0.32	0.28

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	MHD	0.79	0.60
tblVehicleEF	MHD	6.46	5.85
tblVehicleEF	MHD	178.70	178.75
tblVehicleEF	MHD	1,211.38	1,205.76
tblVehicleEF	MHD	50.98	49.68
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.33	1.10
tblVehicleEF	MHD	2.83	2.16
tblVehicleEF	MHD	12.52	12.59
tblVehicleEF	MHD	4.4430e-003	2.7970e-003
tblVehicleEF	MHD	0.07	0.04
tblVehicleEF	MHD	9.1500e-004	8.1400e-004
tblVehicleEF	MHD	4.2510e-003	2.6760e-003
tblVehicleEF	MHD	0.07	0.04
tblVehicleEF	MHD	8.4200e-004	7.4900e-004
tblVehicleEF	MHD	2.5270e-003	2.2960e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	1.2310e-003	1.1320e-003
tblVehicleEF	MHD	0.18	0.12
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.40	0.36
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.2300e-004	6.0000e-004
tblVehicleEF	MHD	2.5270e-003	2.2960e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.04	0.04

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	MHD	1.2310e-003	1.1320e-003
tblVehicleEF	MHD	0.21	0.14
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.44	0.39
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.01	8.7810e-003
tblVehicleEF	MHD	0.08	0.07
tblVehicleEF	MHD	0.62	0.54
tblVehicleEF	MHD	0.77	0.58
tblVehicleEF	MHD	7.65	6.93
tblVehicleEF	MHD	154.89	154.93
tblVehicleEF	MHD	1,211.38	1,205.76
tblVehicleEF	MHD	50.98	49.68
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.23	1.01
tblVehicleEF	MHD	3.00	2.29
tblVehicleEF	MHD	12.65	12.71
tblVehicleEF	MHD	6.4130e-003	4.0370e-003
tblVehicleEF	MHD	0.07	0.04
tblVehicleEF	MHD	9.1500e-004	8.1400e-004
tblVehicleEF	MHD	6.1360e-003	3.8620e-003
tblVehicleEF	MHD	0.07	0.04
tblVehicleEF	MHD	8.4200e-004	7.4900e-004
tblVehicleEF	MHD	3.5000e-004	3.3100e-004
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	2.2500e-004	2.1500e-004

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	MHD	0.18	0.12
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.45	0.41
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.4400e-004	6.1800e-004
tblVehicleEF	MHD	3.5000e-004	3.3100e-004
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.05	0.04
tblVehicleEF	MHD	2.2500e-004	2.1500e-004
tblVehicleEF	MHD	0.21	0.14
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.49	0.45
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.29	0.29
tblVehicleEF	OBUS	1.00	0.88
tblVehicleEF	OBUS	7.45	6.99
tblVehicleEF	OBUS	115.62	117.29
tblVehicleEF	OBUS	1,330.02	1,322.83
tblVehicleEF	OBUS	68.01	67.43
tblVehicleEF	OBUS	2.0790e-003	2.1180e-003
tblVehicleEF	OBUS	0.76	0.71
tblVehicleEF	OBUS	2.60	2.33
tblVehicleEF	OBUS	3.31	3.27
tblVehicleEF	OBUS	4.2000e-004	3.3600e-004
tblVehicleEF	OBUS	0.01	0.01

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	OBUS	8.5500e-004	8.5800e-004
tblVehicleEF	OBUS	4.0200e-004	3.2200e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8800e-004	7.9100e-004
tblVehicleEF	OBUS	1.3350e-003	1.3030e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.9600e-004	5.9000e-004
tblVehicleEF	OBUS	0.10	0.09
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.46	0.43
tblVehicleEF	OBUS	1.1150e-003	1.1310e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.1100e-004	7.9700e-004
tblVehicleEF	OBUS	1.3350e-003	1.3030e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	5.9600e-004	5.9000e-004
tblVehicleEF	OBUS	0.13	0.11
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.50	0.47
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.27	0.27
tblVehicleEF	OBUS	1.03	0.90
tblVehicleEF	OBUS	6.72	6.31

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	OBUS	121.51	123.28
tblVehicleEF	OBUS	1,330.02	1,322.83
tblVehicleEF	OBUS	68.01	67.43
tblVehicleEF	OBUS	2.0790e-003	2.1180e-003
tblVehicleEF	OBUS	0.79	0.74
tblVehicleEF	OBUS	2.48	2.23
tblVehicleEF	OBUS	3.21	3.18
tblVehicleEF	OBUS	3.5400e-004	2.8400e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.5500e-004	8.5800e-004
tblVehicleEF	OBUS	3.3900e-004	2.7100e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8800e-004	7.9100e-004
tblVehicleEF	OBUS	3.3080e-003	3.2110e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	1.3550e-003	1.3270e-003
tblVehicleEF	OBUS	0.10	0.09
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.43	0.40
tblVehicleEF	OBUS	1.1710e-003	1.1880e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.9800e-004	7.8500e-004
tblVehicleEF	OBUS	3.3080e-003	3.2110e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	1.3550e-003	1.3270e-003

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	OBUS	0.13	0.12
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.47	0.44
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.32	0.31
tblVehicleEF	OBUS	0.98	0.86
tblVehicleEF	OBUS	8.02	7.53
tblVehicleEF	OBUS	107.50	109.02
tblVehicleEF	OBUS	1,330.02	1,322.83
tblVehicleEF	OBUS	68.01	67.43
tblVehicleEF	OBUS	2.0790e-003	2.1180e-003
tblVehicleEF	OBUS	0.73	0.68
tblVehicleEF	OBUS	2.65	2.38
tblVehicleEF	OBUS	3.38	3.34
tblVehicleEF	OBUS	5.1100e-004	4.0900e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.5500e-004	8.5800e-004
tblVehicleEF	OBUS	4.8900e-004	3.9200e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8800e-004	7.9100e-004
tblVehicleEF	OBUS	5.7700e-004	5.7300e-004
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.9600e-004	2.9500e-004
tblVehicleEF	OBUS	0.10	0.09

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.48	0.45
tblVehicleEF	OBUS	1.0380e-003	1.0520e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.2100e-004	8.0600e-004
tblVehicleEF	OBUS	5.7700e-004	5.7300e-004
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	2.9600e-004	2.9500e-004
tblVehicleEF	OBUS	0.12	0.11
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.53	0.50
tblVehicleEF	SBUS	0.89	0.89
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	0.09	0.08
tblVehicleEF	SBUS	10.00	10.21
tblVehicleEF	SBUS	1.65	1.44
tblVehicleEF	SBUS	13.33	12.70
tblVehicleEF	SBUS	1,045.67	1,027.66
tblVehicleEF	SBUS	985.39	971.68
tblVehicleEF	SBUS	66.30	67.96
tblVehicleEF	SBUS	3.0000e-004	3.0800e-004
tblVehicleEF	SBUS	8.84	8.18
tblVehicleEF	SBUS	4.11	3.73
tblVehicleEF	SBUS	10.67	10.28
tblVehicleEF	SBUS	0.01	9.3260e-003
tblVehicleEF	SBUS	0.01	9.9720e-003

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	1.2810e-003	1.2250e-003
tblVehicleEF	SBUS	0.01	8.9230e-003
tblVehicleEF	SBUS	2.5090e-003	2.4930e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	1.1780e-003	1.1260e-003
tblVehicleEF	SBUS	4.1080e-003	3.4250e-003
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	1.22	1.24
tblVehicleEF	SBUS	1.6380e-003	1.4520e-003
tblVehicleEF	SBUS	0.13	0.12
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	0.66	0.62
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	9.5690e-003	9.4390e-003
tblVehicleEF	SBUS	8.9300e-004	8.9800e-004
tblVehicleEF	SBUS	4.1080e-003	3.4250e-003
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	1.77	1.80
tblVehicleEF	SBUS	1.6380e-003	1.4520e-003
tblVehicleEF	SBUS	0.17	0.15
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	0.72	0.68
tblVehicleEF	SBUS	0.89	0.89
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.08	0.07
tblVehicleEF	SBUS	9.89	10.11

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	SBUS	1.70	1.48
tblVehicleEF	SBUS	9.51	9.06
tblVehicleEF	SBUS	1,088.37	1,068.80
tblVehicleEF	SBUS	985.39	971.68
tblVehicleEF	SBUS	66.30	67.96
tblVehicleEF	SBUS	3.0000e-004	3.0800e-004
tblVehicleEF	SBUS	9.12	8.44
tblVehicleEF	SBUS	3.92	3.55
tblVehicleEF	SBUS	10.59	10.20
tblVehicleEF	SBUS	9.0450e-003	7.8620e-003
tblVehicleEF	SBUS	0.01	9.9720e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	1.2810e-003	1.2250e-003
tblVehicleEF	SBUS	8.6530e-003	7.5220e-003
tblVehicleEF	SBUS	2.5090e-003	2.4930e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	1.1780e-003	1.1260e-003
tblVehicleEF	SBUS	0.01	8.5160e-003
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	1.22	1.24
tblVehicleEF	SBUS	3.7630e-003	3.3040e-003
tblVehicleEF	SBUS	0.13	0.12
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	0.54	0.52
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	9.5700e-003	9.4400e-003
tblVehicleEF	SBUS	8.2900e-004	8.3800e-004

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	SBUS	0.01	8.5160e-003
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	1.76	1.80
tblVehicleEF	SBUS	3.7630e-003	3.3040e-003
tblVehicleEF	SBUS	0.17	0.16
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	0.59	0.56
tblVehicleEF	SBUS	0.89	0.89
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	0.10	0.10
tblVehicleEF	SBUS	10.15	10.35
tblVehicleEF	SBUS	1.61	1.41
tblVehicleEF	SBUS	16.60	15.81
tblVehicleEF	SBUS	986.71	970.84
tblVehicleEF	SBUS	985.39	971.68
tblVehicleEF	SBUS	66.30	67.96
tblVehicleEF	SBUS	3.0000e-004	3.0800e-004
tblVehicleEF	SBUS	8.45	7.82
tblVehicleEF	SBUS	4.20	3.81
tblVehicleEF	SBUS	10.73	10.33
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.01	9.9720e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	1.2810e-003	1.2250e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.5090e-003	2.4930e-003
tblVehicleEF	SBUS	0.02	0.02

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	SBUS	1.1780e-003	1.1260e-003
tblVehicleEF	SBUS	1.6040e-003	1.4350e-003
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	1.22	1.25
tblVehicleEF	SBUS	7.9200e-004	7.2400e-004
tblVehicleEF	SBUS	0.13	0.12
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	0.75	0.71
tblVehicleEF	SBUS	9.7590e-003	9.6160e-003
tblVehicleEF	SBUS	9.5690e-003	9.4380e-003
tblVehicleEF	SBUS	9.4700e-004	9.5000e-004
tblVehicleEF	SBUS	1.6040e-003	1.4350e-003
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	1.77	1.81
tblVehicleEF	SBUS	7.9200e-004	7.2400e-004
tblVehicleEF	SBUS	0.17	0.15
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	0.82	0.77
tblVehicleEF	UBUS	0.28	0.27
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	7.38	7.11
tblVehicleEF	UBUS	6.95	7.01
tblVehicleEF	UBUS	2,296.13	2,274.01
tblVehicleEF	UBUS	56.65	61.34
tblVehicleEF	UBUS	2.9480e-003	2.8050e-003
tblVehicleEF	UBUS	18.84	17.90
tblVehicleEF	UBUS	17.92	17.58

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	UBUS	0.71	0.70
tblVehicleEF	UBUS	0.40	0.38
tblVehicleEF	UBUS	6.7300e-004	7.1700e-004
tblVehicleEF	UBUS	0.30	0.30
tblVehicleEF	UBUS	0.38	0.36
tblVehicleEF	UBUS	6.1900e-004	6.5900e-004
tblVehicleEF	UBUS	2.2090e-003	2.2150e-003
tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	1.0380e-003	1.0500e-003
tblVehicleEF	UBUS	0.98	0.92
tblVehicleEF	UBUS	0.01	0.01
tblVehicleEF	UBUS	0.51	0.51
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	6.9100e-004	7.3900e-004
tblVehicleEF	UBUS	2.2090e-003	2.2150e-003
tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	1.0380e-003	1.0500e-003
tblVehicleEF	UBUS	1.34	1.28
tblVehicleEF	UBUS	0.01	0.01
tblVehicleEF	UBUS	0.55	0.56
tblVehicleEF	UBUS	0.28	0.28
tblVehicleEF	UBUS	0.03	0.03
tblVehicleEF	UBUS	7.44	7.17
tblVehicleEF	UBUS	5.42	5.47
tblVehicleEF	UBUS	2,296.13	2,274.01
tblVehicleEF	UBUS	56.65	61.34
tblVehicleEF	UBUS	2.9480e-003	2.8050e-003

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	UBUS	18.07	17.17
tblVehicleEF	UBUS	17.85	17.51
tblVehicleEF	UBUS	0.71	0.70
tblVehicleEF	UBUS	0.40	0.38
tblVehicleEF	UBUS	6.7300e-004	7.1700e-004
tblVehicleEF	UBUS	0.30	0.30
tblVehicleEF	UBUS	0.38	0.36
tblVehicleEF	UBUS	6.1900e-004	6.5900e-004
tblVehicleEF	UBUS	5.6920e-003	5.6890e-003
tblVehicleEF	UBUS	0.06	0.06
tblVehicleEF	UBUS	2.3350e-003	2.3470e-003
tblVehicleEF	UBUS	0.99	0.93
tblVehicleEF	UBUS	9.8830e-003	0.01
tblVehicleEF	UBUS	0.43	0.44
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	6.6500e-004	7.1300e-004
tblVehicleEF	UBUS	5.6920e-003	5.6890e-003
tblVehicleEF	UBUS	0.06	0.06
tblVehicleEF	UBUS	2.3350e-003	2.3470e-003
tblVehicleEF	UBUS	1.36	1.29
tblVehicleEF	UBUS	9.8830e-003	0.01
tblVehicleEF	UBUS	0.47	0.48
tblVehicleEF	UBUS	0.28	0.27
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	7.34	7.07
tblVehicleEF	UBUS	8.26	8.33
tblVehicleEF	UBUS	2,296.13	2,274.01

Baker Road Townhomes - Alameda County, Summer

tblVehicleEF	UBUS	56.65	61.34
tblVehicleEF	UBUS	2.9480e-003	2.8050e-003
tblVehicleEF	UBUS	19.15	18.19
tblVehicleEF	UBUS	17.97	17.64
tblVehicleEF	UBUS	0.71	0.70
tblVehicleEF	UBUS	0.40	0.38
tblVehicleEF	UBUS	6.7300e-004	7.1700e-004
tblVehicleEF	UBUS	0.30	0.30
tblVehicleEF	UBUS	0.38	0.36
tblVehicleEF	UBUS	6.1900e-004	6.5900e-004
tblVehicleEF	UBUS	8.1100e-004	8.2200e-004
tblVehicleEF	UBUS	0.06	0.06
tblVehicleEF	UBUS	4.7000e-004	4.8100e-004
tblVehicleEF	UBUS	0.97	0.91
tblVehicleEF	UBUS	0.01	0.01
tblVehicleEF	UBUS	0.56	0.57
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	7.1400e-004	7.6200e-004
tblVehicleEF	UBUS	8.1100e-004	8.2200e-004
tblVehicleEF	UBUS	0.06	0.06
tblVehicleEF	UBUS	4.7000e-004	4.8100e-004
tblVehicleEF	UBUS	1.34	1.27
tblVehicleEF	UBUS	0.01	0.01
tblVehicleEF	UBUS	0.61	0.62
tblVehicleTrips	ST_TR	4.31	7.95
tblVehicleTrips	SU_TR	3.43	7.95
tblVehicleTrips	WD_TR	4.18	7.95

Baker Road Townhomes - Alameda County, Summer

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2017	5.0085	49.3164	24.8529	0.0631	6.1633	2.6955	8.8587	3.0301	2.5044	5.5345	0.0000	6,335.7595	6,335.7595	1.1633	0.0000	6,361.2581
2018	3.8142	19.7490	16.3929	0.0271	0.1532	1.2115	1.3647	0.0410	1.1749	1.2158	0.0000	2,523.0288	2,523.0288	0.4439	0.0000	2,534.1254
Maximum	5.0085	49.3164	24.8529	0.0631	6.1633	2.6955	8.8587	3.0301	2.5044	5.5345	0.0000	6,335.7595	6,335.7595	1.1633	0.0000	6,361.2581

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2017	5.0085	49.3164	24.8529	0.0631	2.8761	2.6955	5.5715	1.3908	2.5044	3.8952	0.0000	6,335.7595	6,335.7595	1.1633	0.0000	6,361.2581
2018	3.8142	19.7490	16.3929	0.0271	0.1532	1.2115	1.3647	0.0410	1.1749	1.2158	0.0000	2,523.0288	2,523.0288	0.4439	0.0000	2,534.1254
Maximum	5.0085	49.3164	24.8529	0.0631	2.8761	2.6955	5.5715	1.3908	2.5044	3.8952	0.0000	6,335.7595	6,335.7595	1.1633	0.0000	6,361.2581

Baker Road Townhomes - Alameda County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	52.04	0.00	32.15	53.38	0.00	24.28	0.00	0.00	0.00	0.00	0.00	0.00

Baker Road Townhomes - Alameda County, Summer

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	24.8768	0.5647	34.2596	0.0629		4.6373	4.6373		4.6373	4.6373	502.2508	225.3240	727.5748	0.6902	0.0355	755.4094
Energy	6.7600e-003	0.0578	0.0246	3.7000e-004		4.6700e-003	4.6700e-003		4.6700e-003	4.6700e-003		73.7443	73.7443	1.4100e-003	1.3500e-003	74.1825
Mobile	0.9470	5.1405	9.3770	0.0324	1.0168	0.0373	1.0541	0.3026	0.0352	0.3378		3,279.9136	3,279.9136	0.1414		3,283.4482
Total	25.8306	5.7630	43.6611	0.0956	1.0168	4.6793	5.6961	0.3026	4.6772	4.9798	502.2508	3,578.9819	4,081.2327	0.8330	0.0369	4,113.0401

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.2012	0.0192	1.6582	9.0000e-005		9.0900e-003	9.0900e-003		9.0900e-003	9.0900e-003	0.0000	2.9711	2.9711	2.9200e-003	0.0000	3.0440
Energy	5.3000e-003	0.0453	0.0193	2.9000e-004		3.6600e-003	3.6600e-003		3.6600e-003	3.6600e-003		57.8159	57.8159	1.1100e-003	1.0600e-003	58.1595
Mobile	0.8921	4.6704	8.0725	0.0271	0.8353	0.0312	0.8665	0.2486	0.0295	0.2780		2,750.8305	2,750.8305	0.1261		2,753.9840
Total	1.0987	4.7349	9.7500	0.0275	0.8353	0.0440	0.8793	0.2486	0.0422	0.2908	0.0000	2,811.6175	2,811.6175	0.1302	1.0600e-003	2,815.1875

Baker Road Townhomes - Alameda County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	95.75	17.84	77.67	71.24	17.85	99.06	84.56	17.85	99.10	94.16	100.00	21.44	31.11	84.37	97.12	31.55

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	9/1/2017	9/28/2017	5	20	
2	Site Preparation	Site Preparation	9/27/2017	9/28/2017	5	2	
3	Grading	Grading	9/29/2017	10/27/2017	5	21	
4	Building Construction	Building Construction	10/27/2017	8/2/2018	5	200	
5	Paving	Paving	8/3/2018	8/16/2018	5	10	
6	Architectural Coating	Architectural Coating	3/27/2018	8/13/2018	5	100	

Acres of Grading (Site Preparation Phase): 1

Acres of Grading (Grading Phase): 1.13

Acres of Paving: 0

Residential Indoor: 12,063; Residential Outdoor: 4,021; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Baker Road Townhomes - Alameda County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Rubber Tired Dozers	1	7.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Graders	1	6.00	187	0.41
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Building Construction	Cranes	1	6.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Paving	Pavers	1	6.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Baker Road Townhomes - Alameda County, Summer

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	5	13.00	0.00	16.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	8.00	0.00	621.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	14.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	3.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1772	0.0000	0.1772	0.0268	0.0000	0.0268			0.0000			0.0000
Off-Road	2.7625	26.7594	15.5573	0.0241		1.6477	1.6477		1.5404	1.5404		2,421.4229	2,421.4229	0.6125		2,436.7347
Total	2.7625	26.7594	15.5573	0.0241	0.1772	1.6477	1.8248	0.0268	1.5404	1.5672		2,421.4229	2,421.4229	0.6125		2,436.7347

Baker Road Townhomes - Alameda County, Summer

3.2 Demolition - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.6700e-003	0.2763	0.0448	6.6000e-004	0.0140	1.4800e-003	0.0155	3.8400e-003	1.4100e-003	5.2500e-003		69.9684	69.9684	3.7000e-003		70.0608
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
Worker	0.0645	0.0433	0.5257	1.1900e-003	0.1068	7.8000e-004	0.1076	0.0283	7.2000e-004	0.0291		118.6026	118.6026	4.0700e-003		118.7043
Total	0.0732	0.3197	0.5705	1.8500e-003	0.1208	2.2600e-003	0.1231	0.0322	2.1300e-003	0.0343		188.5709	188.5709	7.7700e-003		188.7651

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0797	0.0000	0.0797	0.0121	0.0000	0.0121			0.0000			0.0000
Off-Road	2.7625	26.7594	15.5573	0.0241		1.6477	1.6477		1.5404	1.5404	0.0000	2,421.4229	2,421.4229	0.6125		2,436.7347
Total	2.7625	26.7594	15.5573	0.0241	0.0797	1.6477	1.7274	0.0121	1.5404	1.5524	0.0000	2,421.4229	2,421.4229	0.6125		2,436.7347

Baker Road Townhomes - Alameda County, Summer

3.2 Demolition - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.6700e-003	0.2763	0.0448	6.6000e-004	0.0140	1.4800e-003	0.0155	3.8400e-003	1.4100e-003	5.2500e-003		69.9684	69.9684	3.7000e-003		70.0608
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
Worker	0.0645	0.0433	0.5257	1.1900e-003	0.1068	7.8000e-004	0.1076	0.0283	7.2000e-004	0.0291		118.6026	118.6026	4.0700e-003		118.7043
Total	0.0732	0.3197	0.5705	1.8500e-003	0.1208	2.2600e-003	0.1231	0.0322	2.1300e-003	0.0343		188.5709	188.5709	7.7700e-003		188.7651

3.3 Site Preparation - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.7996	0.0000	5.7996	2.9537	0.0000	2.9537			0.0000			0.0000
Off-Road	1.9297	22.2106	8.4016	0.0172		1.0451	1.0451		0.9615	0.9615		1,764.2381	1,764.2381	0.5406		1,777.7521
Total	1.9297	22.2106	8.4016	0.0172	5.7996	1.0451	6.8446	2.9537	0.9615	3.9152		1,764.2381	1,764.2381	0.5406		1,777.7521

Baker Road Townhomes - Alameda County, Summer

3.3 Site Preparation - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0397	0.0267	0.3235	7.3000e-004	0.0657	4.8000e-004	0.0662	0.0174	4.4000e-004	0.0179		72.9862	72.9862	2.5100e-003		73.0488
Total	0.0397	0.0267	0.3235	7.3000e-004	0.0657	4.8000e-004	0.0662	0.0174	4.4000e-004	0.0179		72.9862	72.9862	2.5100e-003		73.0488

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.6098	0.0000	2.6098	1.3292	0.0000	1.3292			0.0000			0.0000
Off-Road	1.9297	22.2106	8.4016	0.0172		1.0451	1.0451		0.9615	0.9615	0.0000	1,764.2381	1,764.2381	0.5406		1,777.7521
Total	1.9297	22.2106	8.4016	0.0172	2.6098	1.0451	3.6549	1.3292	0.9615	2.2906	0.0000	1,764.2381	1,764.2381	0.5406		1,777.7521

Baker Road Townhomes - Alameda County, Summer

3.3 Site Preparation - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0397	0.0267	0.3235	7.3000e-004	0.0657	4.8000e-004	0.0662	0.0174	4.4000e-004	0.0179		72.9862	72.9862	2.5100e-003		73.0488
Total	0.0397	0.0267	0.3235	7.3000e-004	0.0657	4.8000e-004	0.0662	0.0174	4.4000e-004	0.0179		72.9862	72.9862	2.5100e-003		73.0488

3.4 Grading - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.6004	0.0000	4.6004	2.4929	0.0000	2.4929			0.0000			0.0000
Off-Road	1.6023	18.2915	7.0342	0.0141		0.8738	0.8738		0.8039	0.8039		1,444.8958	1,444.8958	0.4427		1,455.9636
Total	1.6023	18.2915	7.0342	0.0141	4.6004	0.8738	5.4741	2.4929	0.8039	3.2967		1,444.8958	1,444.8958	0.4427		1,455.9636

Baker Road Townhomes - Alameda County, Summer

3.4 Grading - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3205	10.2145	1.6571	0.0244	0.5177	0.0546	0.5722	0.1419	0.0522	0.1942		2,586.3302	2,586.3302	0.1367		2,589.7470
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
Worker	0.0397	0.0267	0.3235	7.3000e-004	0.0657	4.8000e-004	0.0662	0.0174	4.4000e-004	0.0179		72.9862	72.9862	2.5100e-003		73.0488
Total	0.3602	10.2412	1.9806	0.0251	0.5834	0.0551	0.6384	0.1594	0.0527	0.2120		2,659.3164	2,659.3164	0.1392		2,662.7958

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0702	0.0000	2.0702	1.1218	0.0000	1.1218			0.0000			0.0000
Off-Road	1.6023	18.2915	7.0342	0.0141		0.8738	0.8738		0.8039	0.8039	0.0000	1,444.8958	1,444.8958	0.4427		1,455.9636
Total	1.6023	18.2915	7.0342	0.0141	2.0702	0.8738	2.9439	1.1218	0.8039	1.9257	0.0000	1,444.8958	1,444.8958	0.4427		1,455.9636

Baker Road Townhomes - Alameda County, Summer

3.4 Grading - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3205	10.2145	1.6571	0.0244	0.5177	0.0546	0.5722	0.1419	0.0522	0.1942		2,586.3302	2,586.3302	0.1367		2,589.7470
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
Worker	0.0397	0.0267	0.3235	7.3000e-004	0.0657	4.8000e-004	0.0662	0.0174	4.4000e-004	0.0179		72.9862	72.9862	2.5100e-003		73.0488
Total	0.3602	10.2412	1.9806	0.0251	0.5834	0.0551	0.6384	0.1594	0.0527	0.2120		2,659.3164	2,659.3164	0.1392		2,662.7958

3.5 Building Construction - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.9653	19.2365	14.3568	0.0220		1.2313	1.2313		1.1875	1.1875		2,043.8641	2,043.8641	0.4298		2,054.6085
Total	2.9653	19.2365	14.3568	0.0220		1.2313	1.2313		1.1875	1.1875		2,043.8641	2,043.8641	0.4298		2,054.6085

Baker Road Townhomes - Alameda County, Summer

3.5 Building Construction - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0111	0.2828	0.0640	5.7000e-004	0.0136	2.4200e-003	0.0160	3.9000e-003	2.3200e-003	6.2200e-003		59.9574	59.9574	3.9000e-003		60.0548
Worker	0.0695	0.0467	0.5661	1.2800e-003	0.1150	8.4000e-004	0.1159	0.0305	7.7000e-004	0.0313		127.7258	127.7258	4.3800e-003		127.8354
Total	0.0806	0.3294	0.6301	1.8500e-003	0.1286	3.2600e-003	0.1318	0.0344	3.0900e-003	0.0375		187.6832	187.6832	8.2800e-003		187.8903

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.9653	19.2365	14.3568	0.0220		1.2313	1.2313		1.1875	1.1875	0.0000	2,043.8641	2,043.8641	0.4298		2,054.6085
Total	2.9653	19.2365	14.3568	0.0220		1.2313	1.2313		1.1875	1.1875	0.0000	2,043.8641	2,043.8641	0.4298		2,054.6085

Baker Road Townhomes - Alameda County, Summer

3.5 Building Construction - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0111	0.2828	0.0640	5.7000e-004	0.0136	2.4200e-003	0.0160	3.9000e-003	2.3200e-003	6.2200e-003		59.9574	59.9574	3.9000e-003		60.0548
Worker	0.0695	0.0467	0.5661	1.2800e-003	0.1150	8.4000e-004	0.1159	0.0305	7.7000e-004	0.0313		127.7258	127.7258	4.3800e-003		127.8354
Total	0.0806	0.3294	0.6301	1.8500e-003	0.1286	3.2600e-003	0.1318	0.0344	3.0900e-003	0.0375		187.6832	187.6832	8.2800e-003		187.8903

3.5 Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5919	17.4280	13.8766	0.0220		1.0580	1.0580		1.0216	1.0216		2,030.8389	2,030.8389	0.4088		2,041.0596
Total	2.5919	17.4280	13.8766	0.0220		1.0580	1.0580		1.0216	1.0216		2,030.8389	2,030.8389	0.4088		2,041.0596

Baker Road Townhomes - Alameda County, Summer

3.5 Building Construction - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.7600e-003	0.2660	0.0576	5.7000e-004	0.0136	1.9100e-003	0.0155	3.9000e-003	1.8300e-003	5.7300e-003		59.8028	59.8028	3.6200e-003		59.8933
Worker	0.0619	0.0406	0.4978	1.2500e-003	0.1150	8.1000e-004	0.1158	0.0305	7.5000e-004	0.0313		124.3023	124.3023	3.8500e-003		124.3985
Total	0.0717	0.3066	0.5554	1.8200e-003	0.1286	2.7200e-003	0.1313	0.0344	2.5800e-003	0.0370		184.1051	184.1051	7.4700e-003		184.2918

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5919	17.4280	13.8766	0.0220		1.0580	1.0580		1.0216	1.0216	0.0000	2,030.8389	2,030.8389	0.4088		2,041.0596
Total	2.5919	17.4280	13.8766	0.0220		1.0580	1.0580		1.0216	1.0216	0.0000	2,030.8389	2,030.8389	0.4088		2,041.0596

Baker Road Townhomes - Alameda County, Summer

3.5 Building Construction - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.7600e-003	0.2660	0.0576	5.7000e-004	0.0136	1.9100e-003	0.0155	3.9000e-003	1.8300e-003	5.7300e-003		59.8028	59.8028	3.6200e-003		59.8933
Worker	0.0619	0.0406	0.4978	1.2500e-003	0.1150	8.1000e-004	0.1158	0.0305	7.5000e-004	0.0313		124.3023	124.3023	3.8500e-003		124.3985
Total	0.0717	0.3066	0.5554	1.8200e-003	0.1286	2.7200e-003	0.1313	0.0344	2.5800e-003	0.0370		184.1051	184.1051	7.4700e-003		184.2918

3.6 Paving - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0182	10.4525	8.9926	0.0135		0.6097	0.6097		0.5618	0.5618		1,346.4360	1,346.4360	0.4113		1,356.7186
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0182	10.4525	8.9926	0.0135		0.6097	0.6097		0.5618	0.5618		1,346.4360	1,346.4360	0.4113		1,356.7186

Baker Road Townhomes - Alameda County, Summer

3.6 Paving - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0575	0.0377	0.4623	1.1600e-003	0.1068	7.5000e-004	0.1075	0.0283	6.9000e-004	0.0290		115.4236	115.4236	3.5700e-003		115.5129
Total	0.0575	0.0377	0.4623	1.1600e-003	0.1068	7.5000e-004	0.1075	0.0283	6.9000e-004	0.0290		115.4236	115.4236	3.5700e-003		115.5129

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0182	10.4525	8.9926	0.0135		0.6097	0.6097		0.5618	0.5618	0.0000	1,346.4360	1,346.4360	0.4113		1,356.7186
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0182	10.4525	8.9926	0.0135		0.6097	0.6097		0.5618	0.5618	0.0000	1,346.4360	1,346.4360	0.4113		1,356.7186

Baker Road Townhomes - Alameda County, Summer

3.6 Paving - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0575	0.0377	0.4623	1.1600e-003	0.1068	7.5000e-004	0.1075	0.0283	6.9000e-004	0.0290		115.4236	115.4236	3.5700e-003		115.5129
Total	0.0575	0.0377	0.4623	1.1600e-003	0.1068	7.5000e-004	0.1075	0.0283	6.9000e-004	0.0290		115.4236	115.4236	3.5700e-003		115.5129

3.7 Architectural Coating - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.8387					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.1171
Total	1.1373	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.1171

Baker Road Townhomes - Alameda County, Summer

3.7 Architectural Coating - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0133	8.7000e-003	0.1067	2.7000e-004	0.0246	1.7000e-004	0.0248	6.5400e-003	1.6000e-004	6.7000e-003		26.6362	26.6362	8.2000e-004		26.6568
Total	0.0133	8.7000e-003	0.1067	2.7000e-004	0.0246	1.7000e-004	0.0248	6.5400e-003	1.6000e-004	6.7000e-003		26.6362	26.6362	8.2000e-004		26.6568

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.8387					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.1171
Total	1.1373	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.1171

Baker Road Townhomes - Alameda County, Summer

3.7 Architectural Coating - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0133	8.7000e-003	0.1067	2.7000e-004	0.0246	1.7000e-004	0.0248	6.5400e-003	1.6000e-004	6.7000e-003		26.6362	26.6362	8.2000e-004		26.6568
Total	0.0133	8.7000e-003	0.1067	2.7000e-004	0.0246	1.7000e-004	0.0248	6.5400e-003	1.6000e-004	6.7000e-003		26.6362	26.6362	8.2000e-004		26.6568

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Increase Transit Accessibility

Baker Road Townhomes - Alameda County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.8921	4.6704	8.0725	0.0271	0.8353	0.0312	0.8665	0.2486	0.0295	0.2780		2,750.8305	2,750.8305	0.1261		2,753.9840
Unmitigated	0.9470	5.1405	9.3770	0.0324	1.0168	0.0373	1.0541	0.3026	0.0352	0.3378		3,279.9136	3,279.9136	0.1414		3,283.4482

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse High Rise	31.80	31.80	31.80	73,446	60,337
Condo/Townhouse High Rise	95.40	95.40	95.40	220,337	181,011
Condo/Townhouse High Rise	31.80	31.80	31.80	73,446	60,337
Total	159.00	159.00	159.00	367,228	301,684

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Condo/Townhouse High Rise	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3
Condo/Townhouse High Rise	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3
Condo/Townhouse High Rise	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3

4.4 Fleet Mix

Baker Road Townhomes - Alameda County, Summer

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Condo/Townhouse High Rise	0.556416	0.041967	0.190895	0.111485	0.018156	0.005234	0.022193	0.041963	0.002079	0.002948	0.005586	0.000300	0.000779
Condo/Townhouse High Rise	0.556416	0.041967	0.190895	0.111485	0.018156	0.005234	0.022193	0.041963	0.002079	0.002948	0.005586	0.000300	0.000779
Condo/Townhouse High Rise	0.556416	0.041967	0.190895	0.111485	0.018156	0.005234	0.022193	0.041963	0.002079	0.002948	0.005586	0.000300	0.000779

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	5.3000e-003	0.0453	0.0193	2.9000e-004		3.6600e-003	3.6600e-003		3.6600e-003	3.6600e-003		57.8159	57.8159	1.1100e-003	1.0600e-003	58.1595
NaturalGas Unmitigated	6.7600e-003	0.0578	0.0246	3.7000e-004		4.6700e-003	4.6700e-003		4.6700e-003	4.6700e-003		73.7443	73.7443	1.4100e-003	1.3500e-003	74.1825

Baker Road Townhomes - Alameda County, Summer

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Condo/Townhouse High Rise	125.365	2.7000e-003	0.0231	9.8300e-003	1.5000e-004		1.8700e-003	1.8700e-003		1.8700e-003	1.8700e-003		29.4977	29.4977	5.7000e-004	5.4000e-004	29.6730
Condo/Townhouse High Rise	376.096	4.0600e-003	0.0347	0.0148	2.2000e-004		2.8000e-003	2.8000e-003		2.8000e-003	2.8000e-003		44.2466	44.2466	8.5000e-004	8.1000e-004	44.5095
Total		6.7600e-003	0.0578	0.0246	3.7000e-004		4.6700e-003	4.6700e-003		4.6700e-003	4.6700e-003		73.7443	73.7443	1.4200e-003	1.3500e-003	74.1825

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Condo/Townhouse High Rise	0.0982871	2.1200e-003	0.0181	7.7100e-003	1.2000e-004		1.4600e-003	1.4600e-003		1.4600e-003	1.4600e-003		23.1264	23.1264	4.4000e-004	4.2000e-004	23.2638
Condo/Townhouse High Rise	0.294861	3.1800e-003	0.0272	0.0116	1.7000e-004		2.2000e-003	2.2000e-003		2.2000e-003	2.2000e-003		34.6896	34.6896	6.6000e-004	6.4000e-004	34.8957
Total		5.3000e-003	0.0453	0.0193	2.9000e-004		3.6600e-003	3.6600e-003		3.6600e-003	3.6600e-003		57.8159	57.8159	1.1000e-003	1.0600e-003	58.1595

6.0 Area Detail

6.1 Mitigation Measures Area

Baker Road Townhomes - Alameda County, Summer

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

No Hearths Installed

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.2012	0.0192	1.6582	9.0000e-005		9.0900e-003	9.0900e-003		9.0900e-003	9.0900e-003	0.0000	2.9711	2.9711	2.9200e-003	0.0000	3.0440
Unmitigated	24.8768	0.5647	34.2596	0.0629		4.6373	4.6373		4.6373	4.6373	502.2508	225.3240	727.5748	0.6902	0.0355	755.4094

Baker Road Townhomes - Alameda County, Summer

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0230					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1275					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	24.6756	0.5455	32.6014	0.0628		4.6282	4.6282		4.6282	4.6282	502.2508	222.3529	724.6037	0.6873	0.0355	752.3655
Landscaping	0.0508	0.0192	1.6582	9.0000e-005		9.0900e-003	9.0900e-003		9.0900e-003	9.0900e-003		2.9711	2.9711	2.9200e-003		3.0440
Total	24.8768	0.5647	34.2596	0.0629		4.6373	4.6373		4.6373	4.6373	502.2508	225.3240	727.5748	0.6902	0.0355	755.4094

Baker Road Townhomes - Alameda County, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0230					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1275					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0508	0.0192	1.6582	9.0000e-005		9.0900e-003	9.0900e-003		9.0900e-003	9.0900e-003		2.9711	2.9711	2.9200e-003		3.0440
Total	0.2012	0.0192	1.6582	9.0000e-005		9.0900e-003	9.0900e-003		9.0900e-003	9.0900e-003	0.0000	2.9711	2.9711	2.9200e-003	0.0000	3.0440

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Baker Road Townhomes - Alameda County, Summer

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Winter CalEEMod Results

CalEEMod Version: CalEEMod.2016.3.1

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Date: 8/29/2017 4:29 PM

Baker Road Townhomes - Alameda County, Winter

Baker Road Townhomes Alameda County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Condo/Townhouse High Rise	4.00	Dwelling Unit	0.36	1,917.00	11
Condo/Townhouse High Rise	12.00	Dwelling Unit	0.41	1,972.00	34
Condo/Townhouse High Rise	4.00	Dwelling Unit	0.36	2,068.00	11

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	63
Climate Zone	5			Operational Year	2019
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Baker Road Townhomes - Alameda County, Winter

Project Characteristics - Opp year 2019

Land Use - 3 floor plans: Plan1: 4 units 1,917SF, Plan2: 12 units 1,972SF, Plan3: 4 units 2,068SF. lot acreage changed to reflect 1.13 total lot acreage

Construction Phase - arch coating to overlap with construction. Grading to occur over 3 weeks per remedial action plan

Trips and VMT -

Demolition - used existing land use default estimation of 3,600sf for 1 duplex and 1 single family home

Grading - 1,770 exported 2,510 (remediation) + 685 (fill) CY of material would be imported. 1.13 acre site

Vehicle Trips - 159 daily trips per traffic study changed daily defaults to 7.95 trips per dwelling unit

Woodstoves - assume 0 fireplaces 0 hearth

Area Coating -

Energy Use -

Construction Off-road Equipment Mitigation - water 2x per day per AQ BMP

Mobile Land Use Mitigation - 19.7 du/acre density. 0.6 miles (walking) to Bart station

Area Mitigation - no hearth, low VOC paint

Energy Mitigation - 2016 T 24 is 28% more stringent than 2008 T 24

Waste Mitigation - per AB 341

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	0
tblConstructionPhase	NumDays	10.00	100.00
tblConstructionPhase	NumDays	4.00	21.00
tblConstructionPhase	PhaseEndDate	4/9/2018	8/13/2018
tblConstructionPhase	PhaseEndDate	3/12/2018	8/2/2018
tblConstructionPhase	PhaseEndDate	5/26/2017	9/28/2017
tblConstructionPhase	PhaseEndDate	6/5/2017	10/27/2017
tblConstructionPhase	PhaseEndDate	3/26/2018	8/16/2018
tblConstructionPhase	PhaseEndDate	5/30/2017	9/28/2017

Baker Road Townhomes - Alameda County, Winter

tblConstructionPhase	PhaseStartDate	6/6/2017	10/27/2017
tblConstructionPhase	PhaseStartDate	5/1/2017	9/1/2017
tblConstructionPhase	PhaseStartDate	5/31/2017	9/29/2017
tblConstructionPhase	PhaseStartDate	3/13/2018	8/3/2018
tblConstructionPhase	PhaseStartDate	5/27/2017	9/27/2017
tblGrading	AcresOfGrading	7.88	1.13
tblGrading	MaterialExported	0.00	1,770.00
tblGrading	MaterialImported	0.00	3,195.00
tblLandUse	BuildingSpaceSquareFeet	12,000.00	1,972.00
tblLandUse	BuildingSpaceSquareFeet	4,000.00	1,917.00
tblLandUse	BuildingSpaceSquareFeet	4,000.00	2,068.00
tblLandUse	LandUseSquareFeet	12,000.00	1,972.00
tblLandUse	LandUseSquareFeet	4,000.00	1,917.00
tblLandUse	LandUseSquareFeet	4,000.00	2,068.00
tblLandUse	LotAcreage	0.19	0.41
tblLandUse	LotAcreage	0.06	0.36
tblLandUse	LotAcreage	0.06	0.36
tblProjectCharacteristics	OperationalYear	2018	2019
tblVehicleEF	HHD	1.00	0.93
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.14	0.11
tblVehicleEF	HHD	3.14	2.87
tblVehicleEF	HHD	0.92	0.90
tblVehicleEF	HHD	2.40	2.22
tblVehicleEF	HHD	5,072.27	5,083.91
tblVehicleEF	HHD	1,672.22	1,651.29
tblVehicleEF	HHD	7.00	6.65

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	24.91	23.52
tblVehicleEF	HHD	4.77	4.41
tblVehicleEF	HHD	20.10	20.10
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	9.8000e-005	6.4000e-005
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8890e-003	8.8900e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	9.1000e-005	6.0000e-005
tblVehicleEF	HHD	6.5000e-005	5.5000e-005
tblVehicleEF	HHD	4.5950e-003	3.5030e-003
tblVehicleEF	HHD	0.81	0.74
tblVehicleEF	HHD	4.2000e-005	3.7000e-005
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tblVehicleEF	HHD	3.6900e-004	2.9000e-004
tblVehicleEF	HHD	0.09	0.07
tblVehicleEF	HHD	0.05	0.05
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.1000e-004	1.0400e-004
tblVehicleEF	HHD	6.5000e-005	5.5000e-005
tblVehicleEF	HHD	4.5950e-003	3.5030e-003
tblVehicleEF	HHD	0.93	0.85

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	HHD	4.2000e-005	3.7000e-005
tblVehicleEF	HHD	0.22	0.21
tblVehicleEF	HHD	3.6900e-004	2.9000e-004
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tblVehicleEF	HHD	0.94	0.88
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.13	0.11
tblVehicleEF	HHD	2.29	2.10
tblVehicleEF	HHD	0.93	0.91
tblVehicleEF	HHD	2.19	2.02
tblVehicleEF	HHD	5,369.43	5,382.76
tblVehicleEF	HHD	1,672.22	1,651.29
tblVehicleEF	HHD	7.00	6.65
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	25.70	24.27
tblVehicleEF	HHD	4.59	4.25
tblVehicleEF	HHD	20.09	20.09
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	9.8000e-005	6.4000e-005
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8890e-003	8.8900e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	9.1000e-005	6.0000e-005

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	HHD	1.7100e-004	1.3900e-004
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tblVehicleEF	HHD	3.6500e-004	2.8500e-004
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tblVehicleEF	HHD	0.05	0.05
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.0700e-004	1.0000e-004
tblVehicleEF	HHD	1.7100e-004	1.3900e-004
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tblVehicleEF	HHD	0.14	0.12
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tblVehicleEF	HHD	0.92	0.90
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tblVehicleEF	HHD	4,661.92	4,671.21
tblVehicleEF	HHD	1,672.22	1,651.29
tblVehicleEF	HHD	7.00	6.65
tblVehicleEF	HHD	0.04	0.04

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	HHD	23.82	22.49
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tblVehicleEF	HHD	20.12	20.11
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	9.8000e-005	6.4000e-005
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8890e-003	8.8900e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	9.1000e-005	6.0000e-005
tblVehicleEF	HHD	2.6000e-005	2.4000e-005
tblVehicleEF	HHD	5.2040e-003	3.7610e-003
tblVehicleEF	HHD	0.87	0.80
tblVehicleEF	HHD	1.8000e-005	1.7000e-005
tblVehicleEF	HHD	0.16	0.15
tblVehicleEF	HHD	4.0500e-004	3.2000e-004
tblVehicleEF	HHD	0.09	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.1400e-004	1.0600e-004
tblVehicleEF	HHD	2.6000e-005	2.4000e-005
tblVehicleEF	HHD	5.2040e-003	3.7610e-003
tblVehicleEF	HHD	1.00	0.92
tblVehicleEF	HHD	1.8000e-005	1.7000e-005

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	HHD	0.22	0.21
tblVehicleEF	HHD	4.0500e-004	3.2000e-004
tblVehicleEF	HHD	0.10	0.08
tblVehicleEF	LDA	6.0690e-003	5.3830e-003
tblVehicleEF	LDA	0.01	8.7310e-003
tblVehicleEF	LDA	0.74	0.67
tblVehicleEF	LDA	1.98	1.75
tblVehicleEF	LDA	286.92	276.68
tblVehicleEF	LDA	64.27	62.43
tblVehicleEF	LDA	0.56	0.56
tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	0.13	0.11
tblVehicleEF	LDA	1.9360e-003	1.8960e-003
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tblVehicleEF	LDA	1.7880e-003	1.7500e-003
tblVehicleEF	LDA	2.2020e-003	2.1600e-003
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.15	0.14
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.14	0.12
tblVehicleEF	LDA	2.8750e-003	2.7710e-003
tblVehicleEF	LDA	6.7700e-004	6.5400e-004
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.15	0.14
tblVehicleEF	LDA	0.04	0.04

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.15	0.13
tblVehicleEF	LDA	6.7580e-003	5.9990e-003
tblVehicleEF	LDA	8.2740e-003	7.0940e-003
tblVehicleEF	LDA	0.87	0.79
tblVehicleEF	LDA	1.52	1.34
tblVehicleEF	LDA	310.23	299.15
tblVehicleEF	LDA	64.27	62.43
tblVehicleEF	LDA	0.56	0.56
tblVehicleEF	LDA	0.07	0.06
tblVehicleEF	LDA	0.11	0.10
tblVehicleEF	LDA	1.9360e-003	1.8960e-003
tblVehicleEF	LDA	2.3940e-003	2.3480e-003
tblVehicleEF	LDA	1.7880e-003	1.7500e-003
tblVehicleEF	LDA	2.2020e-003	2.1600e-003
tblVehicleEF	LDA	0.11	0.10
tblVehicleEF	LDA	0.17	0.15
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.11	0.10
tblVehicleEF	LDA	3.1100e-003	2.9980e-003
tblVehicleEF	LDA	6.6900e-004	6.4700e-004
tblVehicleEF	LDA	0.11	0.10
tblVehicleEF	LDA	0.17	0.15
tblVehicleEF	LDA	0.09	0.08

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.12	0.10
tblVehicleEF	LDA	5.9620e-003	5.2810e-003
tblVehicleEF	LDA	0.01	9.8830e-003
tblVehicleEF	LDA	0.73	0.67
tblVehicleEF	LDA	2.31	2.04
tblVehicleEF	LDA	284.58	274.43
tblVehicleEF	LDA	64.27	62.43
tblVehicleEF	LDA	0.56	0.56
tblVehicleEF	LDA	0.08	0.07
tblVehicleEF	LDA	0.14	0.12
tblVehicleEF	LDA	1.9360e-003	1.8960e-003
tblVehicleEF	LDA	2.3940e-003	2.3480e-003
tblVehicleEF	LDA	1.7880e-003	1.7500e-003
tblVehicleEF	LDA	2.2020e-003	2.1600e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.16	0.14
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.16	0.13
tblVehicleEF	LDA	2.8510e-003	2.7490e-003
tblVehicleEF	LDA	6.8300e-004	6.6000e-004
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.16	0.14
tblVehicleEF	LDA	0.02	0.02

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.17	0.15
tblVehicleEF	LDT1	0.01	0.01
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	1.53	1.36
tblVehicleEF	LDT1	4.20	3.75
tblVehicleEF	LDT1	340.92	332.20
tblVehicleEF	LDT1	76.24	74.73
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.16	0.14
tblVehicleEF	LDT1	0.24	0.21
tblVehicleEF	LDT1	2.8080e-003	2.6570e-003
tblVehicleEF	LDT1	3.7610e-003	3.5500e-003
tblVehicleEF	LDT1	2.5880e-003	2.4480e-003
tblVehicleEF	LDT1	3.4600e-003	3.2650e-003
tblVehicleEF	LDT1	0.11	0.10
tblVehicleEF	LDT1	0.31	0.29
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.04	0.03
tblVehicleEF	LDT1	0.20	0.18
tblVehicleEF	LDT1	0.30	0.26
tblVehicleEF	LDT1	3.4280e-003	3.3380e-003
tblVehicleEF	LDT1	8.3700e-004	8.1300e-004
tblVehicleEF	LDT1	0.11	0.10
tblVehicleEF	LDT1	0.31	0.29
tblVehicleEF	LDT1	0.09	0.09

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	0.20	0.18
tblVehicleEF	LDT1	0.33	0.28
tblVehicleEF	LDT1	0.01	0.01
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	1.76	1.56
tblVehicleEF	LDT1	3.19	2.85
tblVehicleEF	LDT1	367.36	358.04
tblVehicleEF	LDT1	76.24	74.73
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.14	0.13
tblVehicleEF	LDT1	0.21	0.19
tblVehicleEF	LDT1	2.8080e-003	2.6570e-003
tblVehicleEF	LDT1	3.7610e-003	3.5500e-003
tblVehicleEF	LDT1	2.5880e-003	2.4480e-003
tblVehicleEF	LDT1	3.4600e-003	3.2650e-003
tblVehicleEF	LDT1	0.28	0.26
tblVehicleEF	LDT1	0.36	0.34
tblVehicleEF	LDT1	0.20	0.19
tblVehicleEF	LDT1	0.04	0.03
tblVehicleEF	LDT1	0.18	0.17
tblVehicleEF	LDT1	0.24	0.21
tblVehicleEF	LDT1	3.6960e-003	3.6000e-003
tblVehicleEF	LDT1	8.1900e-004	7.9700e-004
tblVehicleEF	LDT1	0.28	0.26
tblVehicleEF	LDT1	0.36	0.34
tblVehicleEF	LDT1	0.20	0.19

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	LDT1	0.06	0.05
tblVehicleEF	LDT1	0.18	0.17
tblVehicleEF	LDT1	0.26	0.23
tblVehicleEF	LDT1	0.01	0.01
tblVehicleEF	LDT1	0.03	0.02
tblVehicleEF	LDT1	1.53	1.35
tblVehicleEF	LDT1	4.94	4.41
tblVehicleEF	LDT1	338.28	329.61
tblVehicleEF	LDT1	76.24	74.73
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.18	0.16
tblVehicleEF	LDT1	0.26	0.23
tblVehicleEF	LDT1	2.8080e-003	2.6570e-003
tblVehicleEF	LDT1	3.7610e-003	3.5500e-003
tblVehicleEF	LDT1	2.5880e-003	2.4480e-003
tblVehicleEF	LDT1	3.4600e-003	3.2650e-003
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.34	0.32
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.24	0.22
tblVehicleEF	LDT1	0.34	0.29
tblVehicleEF	LDT1	3.4020e-003	3.3120e-003
tblVehicleEF	LDT1	8.5000e-004	8.2500e-004
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.34	0.32
tblVehicleEF	LDT1	0.04	0.04

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	0.24	0.22
tblVehicleEF	LDT1	0.37	0.32
tblVehicleEF	LDT2	7.3500e-003	6.5800e-003
tblVehicleEF	LDT2	0.01	9.9930e-003
tblVehicleEF	LDT2	0.89	0.81
tblVehicleEF	LDT2	2.33	2.06
tblVehicleEF	LDT2	389.23	377.94
tblVehicleEF	LDT2	87.68	85.45
tblVehicleEF	LDT2	0.19	0.19
tblVehicleEF	LDT2	0.11	0.09
tblVehicleEF	LDT2	0.20	0.18
tblVehicleEF	LDT2	1.7030e-003	1.7160e-003
tblVehicleEF	LDT2	2.2620e-003	2.2650e-003
tblVehicleEF	LDT2	1.5670e-003	1.5790e-003
tblVehicleEF	LDT2	2.0810e-003	2.0830e-003
tblVehicleEF	LDT2	0.05	0.04
tblVehicleEF	LDT2	0.14	0.13
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.08	0.07
tblVehicleEF	LDT2	0.16	0.13
tblVehicleEF	LDT2	3.9000e-003	3.7860e-003
tblVehicleEF	LDT2	9.1700e-004	8.9000e-004
tblVehicleEF	LDT2	0.05	0.04
tblVehicleEF	LDT2	0.14	0.13
tblVehicleEF	LDT2	0.04	0.04

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.08	0.07
tblVehicleEF	LDT2	0.17	0.15
tblVehicleEF	LDT2	8.1630e-003	7.3240e-003
tblVehicleEF	LDT2	9.3640e-003	8.1290e-003
tblVehicleEF	LDT2	1.04	0.95
tblVehicleEF	LDT2	1.79	1.58
tblVehicleEF	LDT2	420.17	408.01
tblVehicleEF	LDT2	87.68	85.45
tblVehicleEF	LDT2	0.19	0.19
tblVehicleEF	LDT2	0.09	0.08
tblVehicleEF	LDT2	0.18	0.15
tblVehicleEF	LDT2	1.7030e-003	1.7160e-003
tblVehicleEF	LDT2	2.2620e-003	2.2650e-003
tblVehicleEF	LDT2	1.5670e-003	1.5790e-003
tblVehicleEF	LDT2	2.0810e-003	2.0830e-003
tblVehicleEF	LDT2	0.11	0.11
tblVehicleEF	LDT2	0.16	0.15
tblVehicleEF	LDT2	0.10	0.09
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.07
tblVehicleEF	LDT2	0.13	0.11
tblVehicleEF	LDT2	4.2110e-003	4.0880e-003
tblVehicleEF	LDT2	9.0700e-004	8.8100e-004
tblVehicleEF	LDT2	0.11	0.11
tblVehicleEF	LDT2	0.16	0.15
tblVehicleEF	LDT2	0.10	0.09

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.07	0.07
tblVehicleEF	LDT2	0.14	0.12
tblVehicleEF	LDT2	7.2120e-003	6.4430e-003
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.88	0.80
tblVehicleEF	LDT2	2.72	2.41
tblVehicleEF	LDT2	386.14	374.94
tblVehicleEF	LDT2	87.68	85.45
tblVehicleEF	LDT2	0.19	0.19
tblVehicleEF	LDT2	0.12	0.10
tblVehicleEF	LDT2	0.22	0.19
tblVehicleEF	LDT2	1.7030e-003	1.7160e-003
tblVehicleEF	LDT2	2.2620e-003	2.2650e-003
tblVehicleEF	LDT2	1.5670e-003	1.5790e-003
tblVehicleEF	LDT2	2.0810e-003	2.0830e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.15	0.14
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.18	0.15
tblVehicleEF	LDT2	3.8690e-003	3.7550e-003
tblVehicleEF	LDT2	9.2400e-004	8.9600e-004
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.15	0.14
tblVehicleEF	LDT2	0.02	0.02

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.19	0.17
tblVehicleEF	LHD1	6.4230e-003	6.2400e-003
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.16	0.16
tblVehicleEF	LHD1	1.46	1.36
tblVehicleEF	LHD1	3.35	3.17
tblVehicleEF	LHD1	9.00	9.00
tblVehicleEF	LHD1	726.39	718.43
tblVehicleEF	LHD1	35.64	34.92
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	1.68	1.58
tblVehicleEF	LHD1	1.19	1.16
tblVehicleEF	LHD1	8.5500e-004	8.6500e-004
tblVehicleEF	LHD1	9.8040e-003	9.8640e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.1860e-003	1.1150e-003
tblVehicleEF	LHD1	8.1800e-004	8.2700e-004
tblVehicleEF	LHD1	2.4510e-003	2.4660e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.0920e-003	1.0260e-003
tblVehicleEF	LHD1	2.5390e-003	2.5090e-003
tblVehicleEF	LHD1	0.11	0.11
tblVehicleEF	LHD1	0.02	0.02

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	LHD1	1.3800e-003	1.3850e-003
tblVehicleEF	LHD1	0.15	0.14
tblVehicleEF	LHD1	0.31	0.31
tblVehicleEF	LHD1	0.34	0.33
tblVehicleEF	LHD1	7.1560e-003	7.0720e-003
tblVehicleEF	LHD1	4.2000e-004	4.0900e-004
tblVehicleEF	LHD1	2.5390e-003	2.5090e-003
tblVehicleEF	LHD1	0.11	0.11
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.3800e-003	1.3850e-003
tblVehicleEF	LHD1	0.18	0.18
tblVehicleEF	LHD1	0.31	0.31
tblVehicleEF	LHD1	0.38	0.36
tblVehicleEF	LHD1	6.4230e-003	6.2400e-003
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.16	0.16
tblVehicleEF	LHD1	1.50	1.40
tblVehicleEF	LHD1	3.06	2.91
tblVehicleEF	LHD1	9.00	9.00
tblVehicleEF	LHD1	726.39	718.43
tblVehicleEF	LHD1	35.64	34.92
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	1.60	1.50
tblVehicleEF	LHD1	1.10	1.07
tblVehicleEF	LHD1	8.5500e-004	8.6500e-004

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	LHD1	9.8040e-003	9.8640e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.1860e-003	1.1150e-003
tblVehicleEF	LHD1	8.1800e-004	8.2700e-004
tblVehicleEF	LHD1	2.4510e-003	2.4660e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.0920e-003	1.0260e-003
tblVehicleEF	LHD1	6.4010e-003	6.2780e-003
tblVehicleEF	LHD1	0.12	0.12
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.0710e-003	3.0460e-003
tblVehicleEF	LHD1	0.15	0.14
tblVehicleEF	LHD1	0.30	0.30
tblVehicleEF	LHD1	0.32	0.30
tblVehicleEF	LHD1	7.1570e-003	7.0730e-003
tblVehicleEF	LHD1	4.1400e-004	4.0400e-004
tblVehicleEF	LHD1	6.4010e-003	6.2780e-003
tblVehicleEF	LHD1	0.12	0.12
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	3.0710e-003	3.0460e-003
tblVehicleEF	LHD1	0.19	0.18
tblVehicleEF	LHD1	0.30	0.30
tblVehicleEF	LHD1	0.35	0.33
tblVehicleEF	LHD1	6.4230e-003	6.2400e-003
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.16	0.16

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	LHD1	1.44	1.34
tblVehicleEF	LHD1	3.61	3.42
tblVehicleEF	LHD1	9.00	9.00
tblVehicleEF	LHD1	726.39	718.43
tblVehicleEF	LHD1	35.64	34.92
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	1.72	1.61
tblVehicleEF	LHD1	1.26	1.23
tblVehicleEF	LHD1	8.5500e-004	8.6500e-004
tblVehicleEF	LHD1	9.8040e-003	9.8640e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.1860e-003	1.1150e-003
tblVehicleEF	LHD1	8.1800e-004	8.2700e-004
tblVehicleEF	LHD1	2.4510e-003	2.4660e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.0920e-003	1.0260e-003
tblVehicleEF	LHD1	9.8600e-004	9.9300e-004
tblVehicleEF	LHD1	0.12	0.12
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	6.4600e-004	6.5600e-004
tblVehicleEF	LHD1	0.14	0.14
tblVehicleEF	LHD1	0.35	0.35
tblVehicleEF	LHD1	0.36	0.34
tblVehicleEF	LHD1	7.1560e-003	7.0720e-003
tblVehicleEF	LHD1	4.2400e-004	4.1400e-004
tblVehicleEF	LHD1	9.8600e-004	9.9300e-004

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	LHD1	0.12	0.12
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	6.4600e-004	6.5600e-004
tblVehicleEF	LHD1	0.18	0.17
tblVehicleEF	LHD1	0.35	0.35
tblVehicleEF	LHD1	0.40	0.38
tblVehicleEF	LHD2	4.5560e-003	4.3560e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.81	0.74
tblVehicleEF	LHD2	1.81	1.65
tblVehicleEF	LHD2	13.89	13.89
tblVehicleEF	LHD2	749.51	739.57
tblVehicleEF	LHD2	28.74	27.98
tblVehicleEF	LHD2	5.2340e-003	5.2280e-003
tblVehicleEF	LHD2	0.11	0.11
tblVehicleEF	LHD2	1.37	1.20
tblVehicleEF	LHD2	0.69	0.64
tblVehicleEF	LHD2	1.2540e-003	1.2510e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.7800e-004	5.3200e-004
tblVehicleEF	LHD2	1.2000e-003	1.1970e-003
tblVehicleEF	LHD2	2.6380e-003	2.6480e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.3200e-004	4.9000e-004

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	LHD2	1.1570e-003	1.0650e-003
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.3800e-004	6.0200e-004
tblVehicleEF	LHD2	0.12	0.12
tblVehicleEF	LHD2	0.12	0.10
tblVehicleEF	LHD2	0.17	0.15
tblVehicleEF	LHD2	7.3100e-003	7.2090e-003
tblVehicleEF	LHD2	3.2100e-004	3.1000e-004
tblVehicleEF	LHD2	1.1570e-003	1.0650e-003
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.3800e-004	6.0200e-004
tblVehicleEF	LHD2	0.15	0.14
tblVehicleEF	LHD2	0.12	0.10
tblVehicleEF	LHD2	0.19	0.17
tblVehicleEF	LHD2	4.5560e-003	4.3560e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.82	0.75
tblVehicleEF	LHD2	1.66	1.52
tblVehicleEF	LHD2	13.89	13.89
tblVehicleEF	LHD2	749.51	739.57
tblVehicleEF	LHD2	28.74	27.98
tblVehicleEF	LHD2	5.2340e-003	5.2280e-003
tblVehicleEF	LHD2	0.11	0.11

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	LHD2	1.31	1.15
tblVehicleEF	LHD2	0.64	0.60
tblVehicleEF	LHD2	1.2540e-003	1.2510e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.7800e-004	5.3200e-004
tblVehicleEF	LHD2	1.2000e-003	1.1970e-003
tblVehicleEF	LHD2	2.6380e-003	2.6480e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.3200e-004	4.9000e-004
tblVehicleEF	LHD2	2.9140e-003	2.6580e-003
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4210e-003	1.3250e-003
tblVehicleEF	LHD2	0.12	0.12
tblVehicleEF	LHD2	0.11	0.10
tblVehicleEF	LHD2	0.16	0.14
tblVehicleEF	LHD2	7.3100e-003	7.2090e-003
tblVehicleEF	LHD2	3.1800e-004	3.0800e-004
tblVehicleEF	LHD2	2.9140e-003	2.6580e-003
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4210e-003	1.3250e-003
tblVehicleEF	LHD2	0.15	0.14
tblVehicleEF	LHD2	0.11	0.10
tblVehicleEF	LHD2	0.17	0.16
tblVehicleEF	LHD2	4.5560e-003	4.3560e-003

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.80	0.74
tblVehicleEF	LHD2	1.94	1.77
tblVehicleEF	LHD2	13.89	13.89
tblVehicleEF	LHD2	749.51	739.57
tblVehicleEF	LHD2	28.74	27.98
tblVehicleEF	LHD2	5.2340e-003	5.2280e-003
tblVehicleEF	LHD2	0.11	0.11
tblVehicleEF	LHD2	1.39	1.22
tblVehicleEF	LHD2	0.73	0.68
tblVehicleEF	LHD2	1.2540e-003	1.2510e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.7800e-004	5.3200e-004
tblVehicleEF	LHD2	1.2000e-003	1.1970e-003
tblVehicleEF	LHD2	2.6380e-003	2.6480e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.3200e-004	4.9000e-004
tblVehicleEF	LHD2	4.5700e-004	4.3200e-004
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.0200e-004	2.8900e-004
tblVehicleEF	LHD2	0.12	0.12
tblVehicleEF	LHD2	0.13	0.12
tblVehicleEF	LHD2	0.18	0.16

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	LHD2	7.3100e-003	7.2090e-003
tblVehicleEF	LHD2	3.2300e-004	3.1200e-004
tblVehicleEF	LHD2	4.5700e-004	4.3200e-004
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.0200e-004	2.8900e-004
tblVehicleEF	LHD2	0.15	0.14
tblVehicleEF	LHD2	0.13	0.12
tblVehicleEF	LHD2	0.19	0.17
tblVehicleEF	MCY	0.45	0.45
tblVehicleEF	MCY	0.17	0.17
tblVehicleEF	MCY	21.96	21.38
tblVehicleEF	MCY	10.16	10.18
tblVehicleEF	MCY	172.16	172.94
tblVehicleEF	MCY	47.55	47.11
tblVehicleEF	MCY	5.5860e-003	5.5690e-003
tblVehicleEF	MCY	1.18	1.18
tblVehicleEF	MCY	0.32	0.32
tblVehicleEF	MCY	2.0000e-003	2.0350e-003
tblVehicleEF	MCY	4.7610e-003	4.5310e-003
tblVehicleEF	MCY	1.8790e-003	1.9090e-003
tblVehicleEF	MCY	4.5110e-003	4.2880e-003
tblVehicleEF	MCY	0.82	0.82
tblVehicleEF	MCY	0.81	0.79
tblVehicleEF	MCY	0.52	0.51
tblVehicleEF	MCY	2.45	2.41
tblVehicleEF	MCY	0.69	0.66

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	MCY	2.33	2.31
tblVehicleEF	MCY	2.1510e-003	2.1480e-003
tblVehicleEF	MCY	7.1100e-004	7.0600e-004
tblVehicleEF	MCY	0.82	0.82
tblVehicleEF	MCY	0.81	0.79
tblVehicleEF	MCY	0.52	0.51
tblVehicleEF	MCY	2.98	2.95
tblVehicleEF	MCY	0.69	0.66
tblVehicleEF	MCY	2.54	2.51
tblVehicleEF	MCY	0.43	0.43
tblVehicleEF	MCY	0.14	0.14
tblVehicleEF	MCY	20.68	20.16
tblVehicleEF	MCY	8.86	8.86
tblVehicleEF	MCY	172.16	172.94
tblVehicleEF	MCY	47.55	47.11
tblVehicleEF	MCY	5.5860e-003	5.5690e-003
tblVehicleEF	MCY	1.03	1.03
tblVehicleEF	MCY	0.29	0.29
tblVehicleEF	MCY	2.0000e-003	2.0350e-003
tblVehicleEF	MCY	4.7610e-003	4.5310e-003
tblVehicleEF	MCY	1.8790e-003	1.9090e-003
tblVehicleEF	MCY	4.5110e-003	4.2880e-003
tblVehicleEF	MCY	2.40	2.38
tblVehicleEF	MCY	1.04	1.02
tblVehicleEF	MCY	1.51	1.49
tblVehicleEF	MCY	2.32	2.30
tblVehicleEF	MCY	0.64	0.62

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	MCY	1.90	1.88
tblVehicleEF	MCY	2.1260e-003	2.1250e-003
tblVehicleEF	MCY	6.7600e-004	6.7100e-004
tblVehicleEF	MCY	2.40	2.38
tblVehicleEF	MCY	1.04	1.02
tblVehicleEF	MCY	1.51	1.49
tblVehicleEF	MCY	2.83	2.81
tblVehicleEF	MCY	0.64	0.62
tblVehicleEF	MCY	2.06	2.05
tblVehicleEF	MCY	0.46	0.47
tblVehicleEF	MCY	0.20	0.20
tblVehicleEF	MCY	23.93	23.25
tblVehicleEF	MCY	11.55	11.58
tblVehicleEF	MCY	172.16	172.94
tblVehicleEF	MCY	47.55	47.11
tblVehicleEF	MCY	5.5860e-003	5.5690e-003
tblVehicleEF	MCY	1.27	1.26
tblVehicleEF	MCY	0.34	0.34
tblVehicleEF	MCY	2.0000e-003	2.0350e-003
tblVehicleEF	MCY	4.7610e-003	4.5310e-003
tblVehicleEF	MCY	1.8790e-003	1.9090e-003
tblVehicleEF	MCY	4.5110e-003	4.2880e-003
tblVehicleEF	MCY	0.21	0.21
tblVehicleEF	MCY	0.98	0.96
tblVehicleEF	MCY	0.18	0.18
tblVehicleEF	MCY	2.58	2.53
tblVehicleEF	MCY	0.80	0.77

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	MCY	2.72	2.69
tblVehicleEF	MCY	2.1860e-003	2.1820e-003
tblVehicleEF	MCY	7.4500e-004	7.4000e-004
tblVehicleEF	MCY	0.21	0.21
tblVehicleEF	MCY	0.98	0.96
tblVehicleEF	MCY	0.18	0.18
tblVehicleEF	MCY	3.13	3.09
tblVehicleEF	MCY	0.80	0.77
tblVehicleEF	MCY	2.96	2.93
tblVehicleEF	MDV	0.01	0.01
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	1.59	1.47
tblVehicleEF	MDV	4.21	3.88
tblVehicleEF	MDV	514.01	501.65
tblVehicleEF	MDV	113.63	111.35
tblVehicleEF	MDV	0.11	0.11
tblVehicleEF	MDV	0.21	0.19
tblVehicleEF	MDV	0.39	0.35
tblVehicleEF	MDV	2.0140e-003	2.0030e-003
tblVehicleEF	MDV	2.7550e-003	2.7110e-003
tblVehicleEF	MDV	1.8590e-003	1.8490e-003
tblVehicleEF	MDV	2.5380e-003	2.4960e-003
tblVehicleEF	MDV	0.06	0.06
tblVehicleEF	MDV	0.20	0.19
tblVehicleEF	MDV	0.06	0.06
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.11	0.11

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	MDV	0.34	0.31
tblVehicleEF	MDV	5.1540e-003	5.0280e-003
tblVehicleEF	MDV	1.2120e-003	1.1830e-003
tblVehicleEF	MDV	0.06	0.06
tblVehicleEF	MDV	0.20	0.19
tblVehicleEF	MDV	0.06	0.06
tblVehicleEF	MDV	0.06	0.05
tblVehicleEF	MDV	0.11	0.11
tblVehicleEF	MDV	0.37	0.34
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.82	1.69
tblVehicleEF	MDV	3.26	3.00
tblVehicleEF	MDV	553.83	540.51
tblVehicleEF	MDV	113.63	111.35
tblVehicleEF	MDV	0.11	0.11
tblVehicleEF	MDV	0.19	0.17
tblVehicleEF	MDV	0.34	0.31
tblVehicleEF	MDV	2.0140e-003	2.0030e-003
tblVehicleEF	MDV	2.7550e-003	2.7110e-003
tblVehicleEF	MDV	1.8590e-003	1.8490e-003
tblVehicleEF	MDV	2.5380e-003	2.4960e-003
tblVehicleEF	MDV	0.15	0.15
tblVehicleEF	MDV	0.22	0.21
tblVehicleEF	MDV	0.14	0.13
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.10	0.10

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	MDV	0.27	0.25
tblVehicleEF	MDV	5.5550e-003	5.4200e-003
tblVehicleEF	MDV	1.1940e-003	1.1670e-003
tblVehicleEF	MDV	0.15	0.15
tblVehicleEF	MDV	0.22	0.21
tblVehicleEF	MDV	0.14	0.13
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.10	0.10
tblVehicleEF	MDV	0.30	0.27
tblVehicleEF	MDV	0.01	0.01
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	1.60	1.48
tblVehicleEF	MDV	4.92	4.53
tblVehicleEF	MDV	510.03	497.77
tblVehicleEF	MDV	113.63	111.35
tblVehicleEF	MDV	0.11	0.11
tblVehicleEF	MDV	0.23	0.21
tblVehicleEF	MDV	0.42	0.38
tblVehicleEF	MDV	2.0140e-003	2.0030e-003
tblVehicleEF	MDV	2.7550e-003	2.7110e-003
tblVehicleEF	MDV	1.8590e-003	1.8490e-003
tblVehicleEF	MDV	2.5380e-003	2.4960e-003
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.20	0.20
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.13	0.13

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	MDV	0.38	0.35
tblVehicleEF	MDV	5.1140e-003	4.9900e-003
tblVehicleEF	MDV	1.2240e-003	1.1940e-003
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.20	0.20
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.06	0.05
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.42	0.38
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.04	0.04
tblVehicleEF	MH	5.17	4.22
tblVehicleEF	MH	8.82	8.03
tblVehicleEF	MH	1,238.06	1,231.80
tblVehicleEF	MH	66.74	63.85
tblVehicleEF	MH	7.7900e-004	7.5900e-004
tblVehicleEF	MH	1.72	1.61
tblVehicleEF	MH	1.07	1.02
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	2.1950e-003	1.7950e-003
tblVehicleEF	MH	3.1990e-003	3.2030e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	2.0440e-003	1.6640e-003
tblVehicleEF	MH	1.08	1.00
tblVehicleEF	MH	0.10	0.10
tblVehicleEF	MH	0.40	0.37

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	MH	0.21	0.17
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	0.56	0.49
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	8.2300e-004	7.7900e-004
tblVehicleEF	MH	1.08	1.00
tblVehicleEF	MH	0.10	0.10
tblVehicleEF	MH	0.40	0.37
tblVehicleEF	MH	0.27	0.23
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	0.61	0.53
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.04	0.03
tblVehicleEF	MH	5.25	4.34
tblVehicleEF	MH	7.99	7.24
tblVehicleEF	MH	1,238.06	1,231.80
tblVehicleEF	MH	66.74	63.85
tblVehicleEF	MH	7.7900e-004	7.5900e-004
tblVehicleEF	MH	1.60	1.50
tblVehicleEF	MH	0.99	0.94
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	2.1950e-003	1.7950e-003
tblVehicleEF	MH	3.1990e-003	3.2030e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	2.0440e-003	1.6640e-003
tblVehicleEF	MH	2.75	2.53

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	MH	0.11	0.10
tblVehicleEF	MH	0.91	0.84
tblVehicleEF	MH	0.21	0.18
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	0.52	0.45
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	8.0900e-004	7.6600e-004
tblVehicleEF	MH	2.75	2.53
tblVehicleEF	MH	0.11	0.10
tblVehicleEF	MH	0.91	0.84
tblVehicleEF	MH	0.28	0.24
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	0.56	0.49
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.04	0.04
tblVehicleEF	MH	5.20	4.19
tblVehicleEF	MH	9.61	8.74
tblVehicleEF	MH	1,238.06	1,231.80
tblVehicleEF	MH	66.74	63.85
tblVehicleEF	MH	7.7900e-004	7.5900e-004
tblVehicleEF	MH	1.79	1.67
tblVehicleEF	MH	1.14	1.08
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	2.1950e-003	1.7950e-003
tblVehicleEF	MH	3.1990e-003	3.2030e-003
tblVehicleEF	MH	0.03	0.03

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	MH	2.0440e-003	1.6640e-003
tblVehicleEF	MH	0.38	0.36
tblVehicleEF	MH	0.13	0.12
tblVehicleEF	MH	0.18	0.17
tblVehicleEF	MH	0.21	0.17
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	0.60	0.52
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	8.3700e-004	7.9200e-004
tblVehicleEF	MH	0.38	0.36
tblVehicleEF	MH	0.13	0.12
tblVehicleEF	MH	0.18	0.17
tblVehicleEF	MH	0.27	0.23
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	0.65	0.57
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.01	8.8870e-003
tblVehicleEF	MHD	0.07	0.07
tblVehicleEF	MHD	0.46	0.40
tblVehicleEF	MHD	0.78	0.59
tblVehicleEF	MHD	7.10	6.44
tblVehicleEF	MHD	168.57	168.62
tblVehicleEF	MHD	1,211.38	1,205.76
tblVehicleEF	MHD	50.98	49.68
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.29	1.06
tblVehicleEF	MHD	2.95	2.25

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	MHD	12.59	12.66
tblVehicleEF	MHD	5.2710e-003	3.3170e-003
tblVehicleEF	MHD	0.07	0.04
tblVehicleEF	MHD	9.1500e-004	8.1400e-004
tblVehicleEF	MHD	5.0430e-003	3.1740e-003
tblVehicleEF	MHD	0.07	0.04
tblVehicleEF	MHD	8.4200e-004	7.4900e-004
tblVehicleEF	MHD	9.6200e-004	8.8300e-004
tblVehicleEF	MHD	0.05	0.04
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	5.1500e-004	4.8200e-004
tblVehicleEF	MHD	0.18	0.12
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.43	0.39
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.3500e-004	6.1000e-004
tblVehicleEF	MHD	9.6200e-004	8.8300e-004
tblVehicleEF	MHD	0.05	0.04
tblVehicleEF	MHD	0.05	0.04
tblVehicleEF	MHD	5.1500e-004	4.8200e-004
tblVehicleEF	MHD	0.21	0.14
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.47	0.42
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.01	9.0440e-003
tblVehicleEF	MHD	0.07	0.06
tblVehicleEF	MHD	0.32	0.28

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	MHD	0.79	0.60
tblVehicleEF	MHD	6.46	5.85
tblVehicleEF	MHD	178.70	178.75
tblVehicleEF	MHD	1,211.38	1,205.76
tblVehicleEF	MHD	50.98	49.68
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.33	1.10
tblVehicleEF	MHD	2.83	2.16
tblVehicleEF	MHD	12.52	12.59
tblVehicleEF	MHD	4.4430e-003	2.7970e-003
tblVehicleEF	MHD	0.07	0.04
tblVehicleEF	MHD	9.1500e-004	8.1400e-004
tblVehicleEF	MHD	4.2510e-003	2.6760e-003
tblVehicleEF	MHD	0.07	0.04
tblVehicleEF	MHD	8.4200e-004	7.4900e-004
tblVehicleEF	MHD	2.5270e-003	2.2960e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	1.2310e-003	1.1320e-003
tblVehicleEF	MHD	0.18	0.12
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.40	0.36
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.2300e-004	6.0000e-004
tblVehicleEF	MHD	2.5270e-003	2.2960e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.04	0.04

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	MHD	1.2310e-003	1.1320e-003
tblVehicleEF	MHD	0.21	0.14
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.44	0.39
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.01	8.7810e-003
tblVehicleEF	MHD	0.08	0.07
tblVehicleEF	MHD	0.62	0.54
tblVehicleEF	MHD	0.77	0.58
tblVehicleEF	MHD	7.65	6.93
tblVehicleEF	MHD	154.89	154.93
tblVehicleEF	MHD	1,211.38	1,205.76
tblVehicleEF	MHD	50.98	49.68
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.23	1.01
tblVehicleEF	MHD	3.00	2.29
tblVehicleEF	MHD	12.65	12.71
tblVehicleEF	MHD	6.4130e-003	4.0370e-003
tblVehicleEF	MHD	0.07	0.04
tblVehicleEF	MHD	9.1500e-004	8.1400e-004
tblVehicleEF	MHD	6.1360e-003	3.8620e-003
tblVehicleEF	MHD	0.07	0.04
tblVehicleEF	MHD	8.4200e-004	7.4900e-004
tblVehicleEF	MHD	3.5000e-004	3.3100e-004
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	2.2500e-004	2.1500e-004

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	MHD	0.18	0.12
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.45	0.41
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.4400e-004	6.1800e-004
tblVehicleEF	MHD	3.5000e-004	3.3100e-004
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.05	0.04
tblVehicleEF	MHD	2.2500e-004	2.1500e-004
tblVehicleEF	MHD	0.21	0.14
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.49	0.45
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.29	0.29
tblVehicleEF	OBUS	1.00	0.88
tblVehicleEF	OBUS	7.45	6.99
tblVehicleEF	OBUS	115.62	117.29
tblVehicleEF	OBUS	1,330.02	1,322.83
tblVehicleEF	OBUS	68.01	67.43
tblVehicleEF	OBUS	2.0790e-003	2.1180e-003
tblVehicleEF	OBUS	0.76	0.71
tblVehicleEF	OBUS	2.60	2.33
tblVehicleEF	OBUS	3.31	3.27
tblVehicleEF	OBUS	4.2000e-004	3.3600e-004
tblVehicleEF	OBUS	0.01	0.01

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	OBUS	8.5500e-004	8.5800e-004
tblVehicleEF	OBUS	4.0200e-004	3.2200e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8800e-004	7.9100e-004
tblVehicleEF	OBUS	1.3350e-003	1.3030e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.9600e-004	5.9000e-004
tblVehicleEF	OBUS	0.10	0.09
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.46	0.43
tblVehicleEF	OBUS	1.1150e-003	1.1310e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.1100e-004	7.9700e-004
tblVehicleEF	OBUS	1.3350e-003	1.3030e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	5.9600e-004	5.9000e-004
tblVehicleEF	OBUS	0.13	0.11
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.50	0.47
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.27	0.27
tblVehicleEF	OBUS	1.03	0.90
tblVehicleEF	OBUS	6.72	6.31

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	OBUS	121.51	123.28
tblVehicleEF	OBUS	1,330.02	1,322.83
tblVehicleEF	OBUS	68.01	67.43
tblVehicleEF	OBUS	2.0790e-003	2.1180e-003
tblVehicleEF	OBUS	0.79	0.74
tblVehicleEF	OBUS	2.48	2.23
tblVehicleEF	OBUS	3.21	3.18
tblVehicleEF	OBUS	3.5400e-004	2.8400e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.5500e-004	8.5800e-004
tblVehicleEF	OBUS	3.3900e-004	2.7100e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8800e-004	7.9100e-004
tblVehicleEF	OBUS	3.3080e-003	3.2110e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	1.3550e-003	1.3270e-003
tblVehicleEF	OBUS	0.10	0.09
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.43	0.40
tblVehicleEF	OBUS	1.1710e-003	1.1880e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.9800e-004	7.8500e-004
tblVehicleEF	OBUS	3.3080e-003	3.2110e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	1.3550e-003	1.3270e-003

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	OBUS	0.13	0.12
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.47	0.44
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.32	0.31
tblVehicleEF	OBUS	0.98	0.86
tblVehicleEF	OBUS	8.02	7.53
tblVehicleEF	OBUS	107.50	109.02
tblVehicleEF	OBUS	1,330.02	1,322.83
tblVehicleEF	OBUS	68.01	67.43
tblVehicleEF	OBUS	2.0790e-003	2.1180e-003
tblVehicleEF	OBUS	0.73	0.68
tblVehicleEF	OBUS	2.65	2.38
tblVehicleEF	OBUS	3.38	3.34
tblVehicleEF	OBUS	5.1100e-004	4.0900e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.5500e-004	8.5800e-004
tblVehicleEF	OBUS	4.8900e-004	3.9200e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8800e-004	7.9100e-004
tblVehicleEF	OBUS	5.7700e-004	5.7300e-004
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.9600e-004	2.9500e-004
tblVehicleEF	OBUS	0.10	0.09

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.48	0.45
tblVehicleEF	OBUS	1.0380e-003	1.0520e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.2100e-004	8.0600e-004
tblVehicleEF	OBUS	5.7700e-004	5.7300e-004
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	2.9600e-004	2.9500e-004
tblVehicleEF	OBUS	0.12	0.11
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.53	0.50
tblVehicleEF	SBUS	0.89	0.89
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	0.09	0.08
tblVehicleEF	SBUS	10.00	10.21
tblVehicleEF	SBUS	1.65	1.44
tblVehicleEF	SBUS	13.33	12.70
tblVehicleEF	SBUS	1,045.67	1,027.66
tblVehicleEF	SBUS	985.39	971.68
tblVehicleEF	SBUS	66.30	67.96
tblVehicleEF	SBUS	3.0000e-004	3.0800e-004
tblVehicleEF	SBUS	8.84	8.18
tblVehicleEF	SBUS	4.11	3.73
tblVehicleEF	SBUS	10.67	10.28
tblVehicleEF	SBUS	0.01	9.3260e-003
tblVehicleEF	SBUS	0.01	9.9720e-003

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	1.2810e-003	1.2250e-003
tblVehicleEF	SBUS	0.01	8.9230e-003
tblVehicleEF	SBUS	2.5090e-003	2.4930e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	1.1780e-003	1.1260e-003
tblVehicleEF	SBUS	4.1080e-003	3.4250e-003
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	1.22	1.24
tblVehicleEF	SBUS	1.6380e-003	1.4520e-003
tblVehicleEF	SBUS	0.13	0.12
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	0.66	0.62
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	9.5690e-003	9.4390e-003
tblVehicleEF	SBUS	8.9300e-004	8.9800e-004
tblVehicleEF	SBUS	4.1080e-003	3.4250e-003
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	1.77	1.80
tblVehicleEF	SBUS	1.6380e-003	1.4520e-003
tblVehicleEF	SBUS	0.17	0.15
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	0.72	0.68
tblVehicleEF	SBUS	0.89	0.89
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.08	0.07
tblVehicleEF	SBUS	9.89	10.11

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	SBUS	1.70	1.48
tblVehicleEF	SBUS	9.51	9.06
tblVehicleEF	SBUS	1,088.37	1,068.80
tblVehicleEF	SBUS	985.39	971.68
tblVehicleEF	SBUS	66.30	67.96
tblVehicleEF	SBUS	3.0000e-004	3.0800e-004
tblVehicleEF	SBUS	9.12	8.44
tblVehicleEF	SBUS	3.92	3.55
tblVehicleEF	SBUS	10.59	10.20
tblVehicleEF	SBUS	9.0450e-003	7.8620e-003
tblVehicleEF	SBUS	0.01	9.9720e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	1.2810e-003	1.2250e-003
tblVehicleEF	SBUS	8.6530e-003	7.5220e-003
tblVehicleEF	SBUS	2.5090e-003	2.4930e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	1.1780e-003	1.1260e-003
tblVehicleEF	SBUS	0.01	8.5160e-003
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	1.22	1.24
tblVehicleEF	SBUS	3.7630e-003	3.3040e-003
tblVehicleEF	SBUS	0.13	0.12
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	0.54	0.52
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	9.5700e-003	9.4400e-003
tblVehicleEF	SBUS	8.2900e-004	8.3800e-004

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	SBUS	0.01	8.5160e-003
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	1.76	1.80
tblVehicleEF	SBUS	3.7630e-003	3.3040e-003
tblVehicleEF	SBUS	0.17	0.16
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	0.59	0.56
tblVehicleEF	SBUS	0.89	0.89
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	0.10	0.10
tblVehicleEF	SBUS	10.15	10.35
tblVehicleEF	SBUS	1.61	1.41
tblVehicleEF	SBUS	16.60	15.81
tblVehicleEF	SBUS	986.71	970.84
tblVehicleEF	SBUS	985.39	971.68
tblVehicleEF	SBUS	66.30	67.96
tblVehicleEF	SBUS	3.0000e-004	3.0800e-004
tblVehicleEF	SBUS	8.45	7.82
tblVehicleEF	SBUS	4.20	3.81
tblVehicleEF	SBUS	10.73	10.33
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.01	9.9720e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	1.2810e-003	1.2250e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.5090e-003	2.4930e-003
tblVehicleEF	SBUS	0.02	0.02

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	SBUS	1.1780e-003	1.1260e-003
tblVehicleEF	SBUS	1.6040e-003	1.4350e-003
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	1.22	1.25
tblVehicleEF	SBUS	7.9200e-004	7.2400e-004
tblVehicleEF	SBUS	0.13	0.12
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	0.75	0.71
tblVehicleEF	SBUS	9.7590e-003	9.6160e-003
tblVehicleEF	SBUS	9.5690e-003	9.4380e-003
tblVehicleEF	SBUS	9.4700e-004	9.5000e-004
tblVehicleEF	SBUS	1.6040e-003	1.4350e-003
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	1.77	1.81
tblVehicleEF	SBUS	7.9200e-004	7.2400e-004
tblVehicleEF	SBUS	0.17	0.15
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	0.82	0.77
tblVehicleEF	UBUS	0.28	0.27
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	7.38	7.11
tblVehicleEF	UBUS	6.95	7.01
tblVehicleEF	UBUS	2,296.13	2,274.01
tblVehicleEF	UBUS	56.65	61.34
tblVehicleEF	UBUS	2.9480e-003	2.8050e-003
tblVehicleEF	UBUS	18.84	17.90
tblVehicleEF	UBUS	17.92	17.58

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	UBUS	0.71	0.70
tblVehicleEF	UBUS	0.40	0.38
tblVehicleEF	UBUS	6.7300e-004	7.1700e-004
tblVehicleEF	UBUS	0.30	0.30
tblVehicleEF	UBUS	0.38	0.36
tblVehicleEF	UBUS	6.1900e-004	6.5900e-004
tblVehicleEF	UBUS	2.2090e-003	2.2150e-003
tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	1.0380e-003	1.0500e-003
tblVehicleEF	UBUS	0.98	0.92
tblVehicleEF	UBUS	0.01	0.01
tblVehicleEF	UBUS	0.51	0.51
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	6.9100e-004	7.3900e-004
tblVehicleEF	UBUS	2.2090e-003	2.2150e-003
tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	1.0380e-003	1.0500e-003
tblVehicleEF	UBUS	1.34	1.28
tblVehicleEF	UBUS	0.01	0.01
tblVehicleEF	UBUS	0.55	0.56
tblVehicleEF	UBUS	0.28	0.28
tblVehicleEF	UBUS	0.03	0.03
tblVehicleEF	UBUS	7.44	7.17
tblVehicleEF	UBUS	5.42	5.47
tblVehicleEF	UBUS	2,296.13	2,274.01
tblVehicleEF	UBUS	56.65	61.34
tblVehicleEF	UBUS	2.9480e-003	2.8050e-003

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	UBUS	18.07	17.17
tblVehicleEF	UBUS	17.85	17.51
tblVehicleEF	UBUS	0.71	0.70
tblVehicleEF	UBUS	0.40	0.38
tblVehicleEF	UBUS	6.7300e-004	7.1700e-004
tblVehicleEF	UBUS	0.30	0.30
tblVehicleEF	UBUS	0.38	0.36
tblVehicleEF	UBUS	6.1900e-004	6.5900e-004
tblVehicleEF	UBUS	5.6920e-003	5.6890e-003
tblVehicleEF	UBUS	0.06	0.06
tblVehicleEF	UBUS	2.3350e-003	2.3470e-003
tblVehicleEF	UBUS	0.99	0.93
tblVehicleEF	UBUS	9.8830e-003	0.01
tblVehicleEF	UBUS	0.43	0.44
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	6.6500e-004	7.1300e-004
tblVehicleEF	UBUS	5.6920e-003	5.6890e-003
tblVehicleEF	UBUS	0.06	0.06
tblVehicleEF	UBUS	2.3350e-003	2.3470e-003
tblVehicleEF	UBUS	1.36	1.29
tblVehicleEF	UBUS	9.8830e-003	0.01
tblVehicleEF	UBUS	0.47	0.48
tblVehicleEF	UBUS	0.28	0.27
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	7.34	7.07
tblVehicleEF	UBUS	8.26	8.33
tblVehicleEF	UBUS	2,296.13	2,274.01

Baker Road Townhomes - Alameda County, Winter

tblVehicleEF	UBUS	56.65	61.34
tblVehicleEF	UBUS	2.9480e-003	2.8050e-003
tblVehicleEF	UBUS	19.15	18.19
tblVehicleEF	UBUS	17.97	17.64
tblVehicleEF	UBUS	0.71	0.70
tblVehicleEF	UBUS	0.40	0.38
tblVehicleEF	UBUS	6.7300e-004	7.1700e-004
tblVehicleEF	UBUS	0.30	0.30
tblVehicleEF	UBUS	0.38	0.36
tblVehicleEF	UBUS	6.1900e-004	6.5900e-004
tblVehicleEF	UBUS	8.1100e-004	8.2200e-004
tblVehicleEF	UBUS	0.06	0.06
tblVehicleEF	UBUS	4.7000e-004	4.8100e-004
tblVehicleEF	UBUS	0.97	0.91
tblVehicleEF	UBUS	0.01	0.01
tblVehicleEF	UBUS	0.56	0.57
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	7.1400e-004	7.6200e-004
tblVehicleEF	UBUS	8.1100e-004	8.2200e-004
tblVehicleEF	UBUS	0.06	0.06
tblVehicleEF	UBUS	4.7000e-004	4.8100e-004
tblVehicleEF	UBUS	1.34	1.27
tblVehicleEF	UBUS	0.01	0.01
tblVehicleEF	UBUS	0.61	0.62
tblVehicleTrips	ST_TR	4.31	7.95
tblVehicleTrips	SU_TR	3.43	7.95
tblVehicleTrips	WD_TR	4.18	7.95

Baker Road Townhomes - Alameda County, Winter

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2017	5.0234	49.3406	24.8247	0.0626	6.1633	2.6955	8.8587	3.0301	2.5044	5.5346	0.0000	6,273.5887	6,273.5887	1.1633	0.0000	6,299.3622
2018	3.8181	19.7645	16.3739	0.0270	0.1532	1.2115	1.3647	0.0410	1.1749	1.2159	0.0000	2,509.4002	2,509.4002	0.4440	0.0000	2,520.4999
Maximum	5.0234	49.3406	24.8247	0.0626	6.1633	2.6955	8.8587	3.0301	2.5044	5.5346	0.0000	6,273.5887	6,273.5887	1.1633	0.0000	6,299.3622

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2017	5.0234	49.3406	24.8247	0.0626	2.8761	2.6955	5.5715	1.3908	2.5044	3.8953	0.0000	6,273.5887	6,273.5887	1.1633	0.0000	6,299.3622
2018	3.8181	19.7645	16.3739	0.0270	0.1532	1.2115	1.3647	0.0410	1.1749	1.2159	0.0000	2,509.4002	2,509.4002	0.4440	0.0000	2,520.4999
Maximum	5.0234	49.3406	24.8247	0.0626	2.8761	2.6955	5.5715	1.3908	2.5044	3.8953	0.0000	6,273.5887	6,273.5887	1.1633	0.0000	6,299.3622

Baker Road Townhomes - Alameda County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	52.04	0.00	32.15	53.38	0.00	24.28	0.00	0.00	0.00	0.00	0.00	0.00

Baker Road Townhomes - Alameda County, Winter

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	24.8768	0.5647	34.2596	0.0629		4.6373	4.6373		4.6373	4.6373	502.2508	225.3240	727.5748	0.6902	0.0355	755.4094
Energy	6.7600e-003	0.0578	0.0246	3.7000e-004		4.6700e-003	4.6700e-003		4.6700e-003	4.6700e-003		73.7443	73.7443	1.4100e-003	1.3500e-003	74.1825
Mobile	0.8249	5.3512	9.6024	0.0303	1.0168	0.0376	1.0544	0.3026	0.0355	0.3381		3,074.2235	3,074.2235	0.1473		3,077.9068
Total	25.7085	5.9737	43.8866	0.0936	1.0168	4.6796	5.6964	0.3026	4.6775	4.9801	502.2508	3,373.2917	3,875.5425	0.8390	0.0369	3,907.4987

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.2012	0.0192	1.6582	9.0000e-005		9.0900e-003	9.0900e-003		9.0900e-003	9.0900e-003	0.0000	2.9711	2.9711	2.9200e-003	0.0000	3.0440
Energy	5.3000e-003	0.0453	0.0193	2.9000e-004		3.6600e-003	3.6600e-003		3.6600e-003	3.6600e-003		57.8159	57.8159	1.1100e-003	1.0600e-003	58.1595
Mobile	0.7708	4.8363	8.4352	0.0254	0.8353	0.0315	0.8668	0.2486	0.0298	0.2783		2,576.1377	2,576.1377	0.1329		2,579.4596
Total	0.9774	4.9008	10.1127	0.0258	0.8353	0.0443	0.8796	0.2486	0.0425	0.2911	0.0000	2,636.9247	2,636.9247	0.1369	1.0600e-003	2,640.6630

Baker Road Townhomes - Alameda County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	96.20	17.96	76.96	72.45	17.85	99.05	84.56	17.85	99.09	94.16	100.00	21.83	31.96	83.68	97.12	32.42

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	9/1/2017	9/28/2017	5	20	
2	Site Preparation	Site Preparation	9/27/2017	9/28/2017	5	2	
3	Grading	Grading	9/29/2017	10/27/2017	5	21	
4	Building Construction	Building Construction	10/27/2017	8/2/2018	5	200	
5	Paving	Paving	8/3/2018	8/16/2018	5	10	
6	Architectural Coating	Architectural Coating	3/27/2018	8/13/2018	5	100	

Acres of Grading (Site Preparation Phase): 1

Acres of Grading (Grading Phase): 1.13

Acres of Paving: 0

Residential Indoor: 12,063; Residential Outdoor: 4,021; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Baker Road Townhomes - Alameda County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Rubber Tired Dozers	1	7.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Graders	1	6.00	187	0.41
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Building Construction	Cranes	1	6.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Paving	Pavers	1	6.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Baker Road Townhomes - Alameda County, Winter

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	5	13.00	0.00	16.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	8.00	0.00	621.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	14.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	3.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1772	0.0000	0.1772	0.0268	0.0000	0.0268			0.0000			0.0000
Off-Road	2.7625	26.7594	15.5573	0.0241		1.6477	1.6477		1.5404	1.5404		2,421.4229	2,421.4229	0.6125		2,436.7347
Total	2.7625	26.7594	15.5573	0.0241	0.1772	1.6477	1.8248	0.0268	1.5404	1.5672		2,421.4229	2,421.4229	0.6125		2,436.7347

Baker Road Townhomes - Alameda County, Winter

3.2 Demolition - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.9100e-003	0.2835	0.0493	6.5000e-004	0.0140	1.5000e-003	0.0155	3.8400e-003	1.4300e-003	5.2700e-003		68.7604	68.7604	3.9900e-003		68.8602
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
Worker	0.0678	0.0539	0.5054	1.1000e-003	0.1068	7.8000e-004	0.1076	0.0283	7.2000e-004	0.0291		109.1723	109.1723	3.8800e-003		109.2692
Total	0.0768	0.3374	0.5547	1.7500e-003	0.1208	2.2800e-003	0.1231	0.0322	2.1500e-003	0.0343		177.9327	177.9327	7.8700e-003		178.1294

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0797	0.0000	0.0797	0.0121	0.0000	0.0121			0.0000			0.0000
Off-Road	2.7625	26.7594	15.5573	0.0241		1.6477	1.6477		1.5404	1.5404	0.0000	2,421.4229	2,421.4229	0.6125		2,436.7347
Total	2.7625	26.7594	15.5573	0.0241	0.0797	1.6477	1.7274	0.0121	1.5404	1.5524	0.0000	2,421.4229	2,421.4229	0.6125		2,436.7347

Baker Road Townhomes - Alameda County, Winter

3.2 Demolition - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.9100e-003	0.2835	0.0493	6.5000e-004	0.0140	1.5000e-003	0.0155	3.8400e-003	1.4300e-003	5.2700e-003		68.7604	68.7604	3.9900e-003		68.8602
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
Worker	0.0678	0.0539	0.5054	1.1000e-003	0.1068	7.8000e-004	0.1076	0.0283	7.2000e-004	0.0291		109.1723	109.1723	3.8800e-003		109.2692
Total	0.0768	0.3374	0.5547	1.7500e-003	0.1208	2.2800e-003	0.1231	0.0322	2.1500e-003	0.0343		177.9327	177.9327	7.8700e-003		178.1294

3.3 Site Preparation - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.7996	0.0000	5.7996	2.9537	0.0000	2.9537			0.0000			0.0000
Off-Road	1.9297	22.2106	8.4016	0.0172		1.0451	1.0451		0.9615	0.9615		1,764.2381	1,764.2381	0.5406		1,777.7521
Total	1.9297	22.2106	8.4016	0.0172	5.7996	1.0451	6.8446	2.9537	0.9615	3.9152		1,764.2381	1,764.2381	0.5406		1,777.7521

Baker Road Townhomes - Alameda County, Winter

3.3 Site Preparation - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0418	0.0332	0.3110	6.8000e-004	0.0657	4.8000e-004	0.0662	0.0174	4.4000e-004	0.0179		67.1829	67.1829	2.3900e-003		67.2426
Total	0.0418	0.0332	0.3110	6.8000e-004	0.0657	4.8000e-004	0.0662	0.0174	4.4000e-004	0.0179		67.1829	67.1829	2.3900e-003		67.2426

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.6098	0.0000	2.6098	1.3292	0.0000	1.3292			0.0000			0.0000
Off-Road	1.9297	22.2106	8.4016	0.0172		1.0451	1.0451		0.9615	0.9615	0.0000	1,764.2381	1,764.2381	0.5406		1,777.7521
Total	1.9297	22.2106	8.4016	0.0172	2.6098	1.0451	3.6549	1.3292	0.9615	2.2906	0.0000	1,764.2381	1,764.2381	0.5406		1,777.7521

Baker Road Townhomes - Alameda County, Winter

3.3 Site Preparation - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0418	0.0332	0.3110	6.8000e-004	0.0657	4.8000e-004	0.0662	0.0174	4.4000e-004	0.0179		67.1829	67.1829	2.3900e-003		67.2426
Total	0.0418	0.0332	0.3110	6.8000e-004	0.0657	4.8000e-004	0.0662	0.0174	4.4000e-004	0.0179		67.1829	67.1829	2.3900e-003		67.2426

3.4 Grading - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.6004	0.0000	4.6004	2.4929	0.0000	2.4929			0.0000			0.0000
Off-Road	1.6023	18.2915	7.0342	0.0141		0.8738	0.8738		0.8039	0.8039		1,444.8958	1,444.8958	0.4427		1,455.9636
Total	1.6023	18.2915	7.0342	0.0141	4.6004	0.8738	5.4741	2.4929	0.8039	3.2967		1,444.8958	1,444.8958	0.4427		1,455.9636

Baker Road Townhomes - Alameda County, Winter

3.4 Grading - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3293	10.4804	1.8225	0.0240	0.5177	0.0554	0.5731	0.1419	0.0530	0.1949		2,541.6797	2,541.6797	0.1476		2,545.3696
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
Worker	0.0418	0.0332	0.3110	6.8000e-004	0.0657	4.8000e-004	0.0662	0.0174	4.4000e-004	0.0179		67.1829	67.1829	2.3900e-003		67.2426
Total	0.3711	10.5136	2.1335	0.0247	0.5834	0.0559	0.6393	0.1594	0.0534	0.2128		2,608.8626	2,608.8626	0.1500		2,612.6122

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0702	0.0000	2.0702	1.1218	0.0000	1.1218			0.0000			0.0000
Off-Road	1.6023	18.2915	7.0342	0.0141		0.8738	0.8738		0.8039	0.8039	0.0000	1,444.8958	1,444.8958	0.4427		1,455.9636
Total	1.6023	18.2915	7.0342	0.0141	2.0702	0.8738	2.9439	1.1218	0.8039	1.9257	0.0000	1,444.8958	1,444.8958	0.4427		1,455.9636

Baker Road Townhomes - Alameda County, Winter

3.4 Grading - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3293	10.4804	1.8225	0.0240	0.5177	0.0554	0.5731	0.1419	0.0530	0.1949		2,541.6797	2,541.6797	0.1476		2,545.3696
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
Worker	0.0418	0.0332	0.3110	6.8000e-004	0.0657	4.8000e-004	0.0662	0.0174	4.4000e-004	0.0179		67.1829	67.1829	2.3900e-003		67.2426
Total	0.3711	10.5136	2.1335	0.0247	0.5834	0.0559	0.6393	0.1594	0.0534	0.2128		2,608.8626	2,608.8626	0.1500		2,612.6122

3.5 Building Construction - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.9653	19.2365	14.3568	0.0220		1.2313	1.2313		1.1875	1.1875		2,043.8641	2,043.8641	0.4298		2,054.6085
Total	2.9653	19.2365	14.3568	0.0220		1.2313	1.2313		1.1875	1.1875		2,043.8641	2,043.8641	0.4298		2,054.6085

Baker Road Townhomes - Alameda County, Winter

3.5 Building Construction - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0117	0.2869	0.0735	5.5000e-004	0.0136	2.4600e-003	0.0160	3.9000e-003	2.3500e-003	6.2500e-003		58.3961	58.3961	4.2900e-003			58.5034
Worker	0.0731	0.0580	0.5443	1.1800e-003	0.1150	8.4000e-004	0.1159	0.0305	7.7000e-004	0.0313		117.5701	117.5701	4.1800e-003			117.6745
Total	0.0847	0.3450	0.6178	1.7300e-003	0.1286	3.3000e-003	0.1319	0.0344	3.1200e-003	0.0375		175.9662	175.9662	8.4700e-003			176.1780

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	2.9653	19.2365	14.3568	0.0220		1.2313	1.2313		1.1875	1.1875	0.0000	2,043.8641	2,043.8641	0.4298			2,054.6085
Total	2.9653	19.2365	14.3568	0.0220		1.2313	1.2313		1.1875	1.1875	0.0000	2,043.8641	2,043.8641	0.4298			2,054.6085

Baker Road Townhomes - Alameda County, Winter

3.5 Building Construction - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0117	0.2869	0.0735	5.5000e-004	0.0136	2.4600e-003	0.0160	3.9000e-003	2.3500e-003	6.2500e-003		58.3961	58.3961	4.2900e-003		58.5034
Worker	0.0731	0.0580	0.5443	1.1800e-003	0.1150	8.4000e-004	0.1159	0.0305	7.7000e-004	0.0313		117.5701	117.5701	4.1800e-003		117.6745
Total	0.0847	0.3450	0.6178	1.7300e-003	0.1286	3.3000e-003	0.1319	0.0344	3.1200e-003	0.0375		175.9662	175.9662	8.4700e-003		176.1780

3.5 Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5919	17.4280	13.8766	0.0220		1.0580	1.0580		1.0216	1.0216		2,030.8389	2,030.8389	0.4088		2,041.0596
Total	2.5919	17.4280	13.8766	0.0220		1.0580	1.0580		1.0216	1.0216		2,030.8389	2,030.8389	0.4088		2,041.0596

Baker Road Townhomes - Alameda County, Winter

3.5 Building Construction - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0102	0.2694	0.0663	5.5000e-004	0.0136	1.9400e-003	0.0155	3.9000e-003	1.8600e-003	5.7600e-003		58.1969	58.1969	3.9900e-003		58.2967
Worker	0.0648	0.0505	0.4750	1.1500e-003	0.1150	8.1000e-004	0.1158	0.0305	7.5000e-004	0.0313		114.4013	114.4013	3.6400e-003		114.4924
Total	0.0750	0.3200	0.5413	1.7000e-003	0.1286	2.7500e-003	0.1313	0.0344	2.6100e-003	0.0370		172.5983	172.5983	7.6300e-003		172.7891

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5919	17.4280	13.8766	0.0220		1.0580	1.0580		1.0216	1.0216	0.0000	2,030.8389	2,030.8389	0.4088		2,041.0596
Total	2.5919	17.4280	13.8766	0.0220		1.0580	1.0580		1.0216	1.0216	0.0000	2,030.8389	2,030.8389	0.4088		2,041.0596

Baker Road Townhomes - Alameda County, Winter

3.5 Building Construction - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0102	0.2694	0.0663	5.5000e-004	0.0136	1.9400e-003	0.0155	3.9000e-003	1.8600e-003	5.7600e-003		58.1969	58.1969	3.9900e-003		58.2967
Worker	0.0648	0.0505	0.4750	1.1500e-003	0.1150	8.1000e-004	0.1158	0.0305	7.5000e-004	0.0313		114.4013	114.4013	3.6400e-003		114.4924
Total	0.0750	0.3200	0.5413	1.7000e-003	0.1286	2.7500e-003	0.1313	0.0344	2.6100e-003	0.0370		172.5983	172.5983	7.6300e-003		172.7891

3.6 Paving - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0182	10.4525	8.9926	0.0135		0.6097	0.6097		0.5618	0.5618		1,346.4360	1,346.4360	0.4113		1,356.7186
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0182	10.4525	8.9926	0.0135		0.6097	0.6097		0.5618	0.5618		1,346.4360	1,346.4360	0.4113		1,356.7186

Baker Road Townhomes - Alameda County, Winter

3.6 Paving - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0602	0.0469	0.4411	1.0700e-003	0.1068	7.5000e-004	0.1075	0.0283	6.9000e-004	0.0290		106.2298	106.2298	3.3800e-003		106.3144
Total	0.0602	0.0469	0.4411	1.0700e-003	0.1068	7.5000e-004	0.1075	0.0283	6.9000e-004	0.0290		106.2298	106.2298	3.3800e-003		106.3144

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0182	10.4525	8.9926	0.0135		0.6097	0.6097		0.5618	0.5618	0.0000	1,346.4360	1,346.4360	0.4113		1,356.7186
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0182	10.4525	8.9926	0.0135		0.6097	0.6097		0.5618	0.5618	0.0000	1,346.4360	1,346.4360	0.4113		1,356.7186

Baker Road Townhomes - Alameda County, Winter

3.6 Paving - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0602	0.0469	0.4411	1.0700e-003	0.1068	7.5000e-004	0.1075	0.0283	6.9000e-004	0.0290		106.2298	106.2298	3.3800e-003		106.3144
Total	0.0602	0.0469	0.4411	1.0700e-003	0.1068	7.5000e-004	0.1075	0.0283	6.9000e-004	0.0290		106.2298	106.2298	3.3800e-003		106.3144

3.7 Architectural Coating - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.8387					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.1171
Total	1.1373	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.1171

Baker Road Townhomes - Alameda County, Winter

3.7 Architectural Coating - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0139	0.0108	0.1018	2.5000e-004	0.0246	1.7000e-004	0.0248	6.5400e-003	1.6000e-004	6.7000e-003		24.5146	24.5146	7.8000e-004		24.5341
Total	0.0139	0.0108	0.1018	2.5000e-004	0.0246	1.7000e-004	0.0248	6.5400e-003	1.6000e-004	6.7000e-003		24.5146	24.5146	7.8000e-004		24.5341

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.8387					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.1171
Total	1.1373	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.1171

Baker Road Townhomes - Alameda County, Winter

3.7 Architectural Coating - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0139	0.0108	0.1018	2.5000e-004	0.0246	1.7000e-004	0.0248	6.5400e-003	1.6000e-004	6.7000e-003		24.5146	24.5146	7.8000e-004		24.5341
Total	0.0139	0.0108	0.1018	2.5000e-004	0.0246	1.7000e-004	0.0248	6.5400e-003	1.6000e-004	6.7000e-003		24.5146	24.5146	7.8000e-004		24.5341

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Increase Transit Accessibility

Baker Road Townhomes - Alameda County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.7708	4.8363	8.4352	0.0254	0.8353	0.0315	0.8668	0.2486	0.0298	0.2783		2,576.1377	2,576.1377	0.1329		2,579.4596
Unmitigated	0.8249	5.3512	9.6024	0.0303	1.0168	0.0376	1.0544	0.3026	0.0355	0.3381		3,074.2235	3,074.2235	0.1473		3,077.9068

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse High Rise	31.80	31.80	31.80	73,446	60,337
Condo/Townhouse High Rise	95.40	95.40	95.40	220,337	181,011
Condo/Townhouse High Rise	31.80	31.80	31.80	73,446	60,337
Total	159.00	159.00	159.00	367,228	301,684

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Condo/Townhouse High Rise	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3
Condo/Townhouse High Rise	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3
Condo/Townhouse High Rise	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3

4.4 Fleet Mix

Baker Road Townhomes - Alameda County, Winter

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Condo/Townhouse High Rise	0.556416	0.041967	0.190895	0.111485	0.018156	0.005234	0.022193	0.041963	0.002079	0.002948	0.005586	0.000300	0.000779
Condo/Townhouse High Rise	0.556416	0.041967	0.190895	0.111485	0.018156	0.005234	0.022193	0.041963	0.002079	0.002948	0.005586	0.000300	0.000779
Condo/Townhouse High Rise	0.556416	0.041967	0.190895	0.111485	0.018156	0.005234	0.022193	0.041963	0.002079	0.002948	0.005586	0.000300	0.000779

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	5.3000e-003	0.0453	0.0193	2.9000e-004		3.6600e-003	3.6600e-003		3.6600e-003	3.6600e-003		57.8159	57.8159	1.1100e-003	1.0600e-003	58.1595
NaturalGas Unmitigated	6.7600e-003	0.0578	0.0246	3.7000e-004		4.6700e-003	4.6700e-003		4.6700e-003	4.6700e-003		73.7443	73.7443	1.4100e-003	1.3500e-003	74.1825

Baker Road Townhomes - Alameda County, Winter

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Condo/Townhouse High Rise	125.365	2.7000e-003	0.0231	9.8300e-003	1.5000e-004		1.8700e-003	1.8700e-003		1.8700e-003	1.8700e-003		29.4977	29.4977	5.7000e-004	5.4000e-004	29.6730
Condo/Townhouse High Rise	376.096	4.0600e-003	0.0347	0.0148	2.2000e-004		2.8000e-003	2.8000e-003		2.8000e-003	2.8000e-003		44.2466	44.2466	8.5000e-004	8.1000e-004	44.5095
Total		6.7600e-003	0.0578	0.0246	3.7000e-004		4.6700e-003	4.6700e-003		4.6700e-003	4.6700e-003		73.7443	73.7443	1.4200e-003	1.3500e-003	74.1825

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Condo/Townhouse High Rise	0.0982871	2.1200e-003	0.0181	7.7100e-003	1.2000e-004		1.4600e-003	1.4600e-003		1.4600e-003	1.4600e-003		23.1264	23.1264	4.4000e-004	4.2000e-004	23.2638
Condo/Townhouse High Rise	0.294861	3.1800e-003	0.0272	0.0116	1.7000e-004		2.2000e-003	2.2000e-003		2.2000e-003	2.2000e-003		34.6896	34.6896	6.6000e-004	6.4000e-004	34.8957
Total		5.3000e-003	0.0453	0.0193	2.9000e-004		3.6600e-003	3.6600e-003		3.6600e-003	3.6600e-003		57.8159	57.8159	1.1000e-003	1.0600e-003	58.1595

6.0 Area Detail

6.1 Mitigation Measures Area

Baker Road Townhomes - Alameda County, Winter

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

No Hearths Installed

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.2012	0.0192	1.6582	9.0000e-005		9.0900e-003	9.0900e-003		9.0900e-003	9.0900e-003	0.0000	2.9711	2.9711	2.9200e-003	0.0000	3.0440
Unmitigated	24.8768	0.5647	34.2596	0.0629		4.6373	4.6373		4.6373	4.6373	502.2508	225.3240	727.5748	0.6902	0.0355	755.4094

Baker Road Townhomes - Alameda County, Winter

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0230					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1275					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	24.6756	0.5455	32.6014	0.0628		4.6282	4.6282		4.6282	4.6282	502.2508	222.3529	724.6037	0.6873	0.0355	752.3655
Landscaping	0.0508	0.0192	1.6582	9.0000e-005		9.0900e-003	9.0900e-003		9.0900e-003	9.0900e-003		2.9711	2.9711	2.9200e-003		3.0440
Total	24.8768	0.5647	34.2596	0.0629		4.6373	4.6373		4.6373	4.6373	502.2508	225.3240	727.5748	0.6902	0.0355	755.4094

Baker Road Townhomes - Alameda County, Winter

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0230					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1275					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0508	0.0192	1.6582	9.0000e-005		9.0900e-003	9.0900e-003		9.0900e-003	9.0900e-003		2.9711	2.9711	2.9200e-003		3.0440
Total	0.2012	0.0192	1.6582	9.0000e-005		9.0900e-003	9.0900e-003		9.0900e-003	9.0900e-003	0.0000	2.9711	2.9711	2.9200e-003	0.0000	3.0440

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Baker Road Townhomes - Alameda County, Winter

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation
