

APPENDIX B

EMISSIONS ANALYSIS

**Northwest Newman MP
Stanislaus County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	902.56	1000sqft	59.20	902,563.00	0
Regional Shopping Center	279.30	1000sqft	27.30	279,297.00	0
General Office Building	90.39	1000sqft	8.30	90,387.00	0
Single Family Housing	55.00	Dwelling Unit	18.40	99,000.00	187
Apartments Low Rise	118.00	Dwelling Unit	10.00	118,000.00	401
Single Family Housing	1,000.00	Dwelling Unit	149.50	1,800,000.00	3400
Apartments Mid Rise	180.00	Dwelling Unit	9.00	180,000.00	612
City Park	38.50	Acre	38.50	1,677,060.00	0
Elementary School	400.00	Student	10.00	33,441.35	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	46
Climate Zone	3			Operational Year	2035
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 & Non-Default Data

Project Characteristics -

Land Use - Details from the Master Plan and traffic study.

Construction Phase - Assumes relatively aggressive building construction over 10 years. Because the site is mostly flat and agricultural, demolition and grading were reduced from defaults.

Grading - The site is generally flat and this assumes grading will be generally balanced on site.

Vehicle Trips - Trip rates per the traffic study.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	6,200.00	2,611.00
tblConstructionPhase	NumDays	400.00	23.00
tblConstructionPhase	NumDays	620.00	310.00
tblGrading	AcresOfGrading	775.00	1,353.00
tblLandUse	LotAcreage	20.72	59.20
tblLandUse	LotAcreage	6.41	27.30
tblLandUse	LotAcreage	2.07	8.30
tblLandUse	LotAcreage	17.86	18.40
tblLandUse	LotAcreage	7.38	10.00
tblLandUse	LotAcreage	324.68	149.50
tblLandUse	LotAcreage	4.74	9.00
tblLandUse	LotAcreage	0.77	10.00
tblLandUse	Population	157.00	187.00
tblLandUse	Population	337.00	401.00
tblLandUse	Population	2,860.00	3,400.00
tblLandUse	Population	515.00	612.00
tblProjectCharacteristics	OperationalYear	2014	2035
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	9.6990e-003	0.01
tblVehicleEF	HHD	3.47	3.11
tblVehicleEF	HHD	1.12	1.27
tblVehicleEF	HHD	52.45	65.13
tblVehicleEF	HHD	527.64	548.66
tblVehicleEF	HHD	1,536.93	1,607.19
tblVehicleEF	HHD	49.32	52.49
tblVehicleEF	HHD	0.07	0.06
tblVehicleEF	HHD	3.21	4.14

tblVehicleEF	HHD	1.99	4.31
tblVehicleEF	HHD	3.10	3.65
tblVehicleEF	HHD	8.9870e-003	0.01
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.07	0.08
tblVehicleEF	HHD	3.2900e-004	1.8430e-003
tblVehicleEF	HHD	8.2680e-003	0.01
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.9130e-003	8.8970e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	3.0500e-004	1.6410e-003
tblVehicleEF	HHD	1.7690e-003	2.4600e-003
tblVehicleEF	HHD	0.07	0.09
tblVehicleEF	HHD	0.62	0.56
tblVehicleEF	HHD	1.0270e-003	1.2810e-003
tblVehicleEF	HHD	0.21	0.23
tblVehicleEF	HHD	0.43	0.52
tblVehicleEF	HHD	0.83	1.85
tblVehicleEF	HHD	5.5930e-003	5.5980e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.3960e-003	1.6410e-003
tblVehicleEF	HHD	1.7690e-003	2.4600e-003
tblVehicleEF	HHD	0.07	0.09
tblVehicleEF	HHD	0.70	0.63
tblVehicleEF	HHD	1.0270e-003	1.2810e-003
tblVehicleEF	HHD	0.24	0.27
tblVehicleEF	HHD	0.43	0.52
tblVehicleEF	HHD	0.89	1.98
tblVehicleEF	HHD	0.03	0.02

tblVehicleEF	HHD	9.6990e-003	0.01
tblVehicleEF	HHD	2.52	2.26
tblVehicleEF	HHD	1.12	1.28
tblVehicleEF	HHD	38.42	46.60
tblVehicleEF	HHD	558.99	581.26
tblVehicleEF	HHD	1,536.93	1,607.19
tblVehicleEF	HHD	49.32	52.49
tblVehicleEF	HHD	0.07	0.06
tblVehicleEF	HHD	3.31	4.28
tblVehicleEF	HHD	1.89	4.10
tblVehicleEF	HHD	2.92	3.44
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tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.07	0.08
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tblVehicleEF	HHD	6.9700e-003	9.2050e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.9130e-003	8.8970e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	3.0500e-004	1.6410e-003
tblVehicleEF	HHD	4.1820e-003	6.4800e-003
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tblVehicleEF	HHD	0.58	0.52
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tblVehicleEF	HHD	0.42	0.53
tblVehicleEF	HHD	0.70	1.46
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tblVehicleEF	HHD	0.02	0.02

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tblVehicleEF	HHD	1.9970e-003	3.0210e-003
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tblVehicleEF	HHD	9.6990e-003	0.01
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tblVehicleEF	HHD	1.11	1.26
tblVehicleEF	HHD	68.49	86.50
tblVehicleEF	HHD	484.35	503.65
tblVehicleEF	HHD	1,536.93	1,607.19
tblVehicleEF	HHD	49.32	52.49
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tblVehicleEF	HHD	3.06	3.96
tblVehicleEF	HHD	2.03	4.39
tblVehicleEF	HHD	3.29	3.88
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tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.07	0.08
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tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.9130e-003	8.8970e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	3.0500e-004	1.6410e-003

tblVehicleEF	HHD	6.8700e-004	7.4400e-004
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tblVehicleEF	HHD	0.66	0.60
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tblVehicleEF	HHD	0.48	0.56
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tblVehicleEF	HHD	6.8700e-004	7.4400e-004
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tblVehicleEF	HHD	0.76	0.68
tblVehicleEF	HHD	4.7800e-004	4.4800e-004
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tblVehicleEF	HHD	0.48	0.56
tblVehicleEF	HHD	1.05	2.46
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tblVehicleEF	LDA	0.91	1.87
tblVehicleEF	LDA	211.35	258.43
tblVehicleEF	LDA	44.20	56.26
tblVehicleEF	LDA	0.43	0.44
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	0.06	0.12
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tblVehicleEF	LDA	5.2930e-003	3.3380e-003
tblVehicleEF	LDA	2.0140e-003	1.6690e-003
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tblVehicleEF	LDA	0.05	0.12
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	9.4220e-003	0.02
tblVehicleEF	LDA	0.17	0.26
tblVehicleEF	LDA	0.06	0.14
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tblVehicleEF	LDA	0.02	0.06
tblVehicleEF	LDA	0.05	0.12
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.17	0.26
tblVehicleEF	LDA	0.06	0.15
tblVehicleEF	LDA	7.7950e-003	0.01
tblVehicleEF	LDA	3.1520e-003	7.7660e-003
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tblVehicleEF	LDA	0.67	1.37
tblVehicleEF	LDA	232.65	284.39
tblVehicleEF	LDA	44.20	56.26
tblVehicleEF	LDA	0.43	0.44
tblVehicleEF	LDA	0.05	0.07
tblVehicleEF	LDA	0.05	0.11
tblVehicleEF	LDA	2.1710e-003	1.8040e-003
tblVehicleEF	LDA	5.2930e-003	3.3380e-003
tblVehicleEF	LDA	2.0140e-003	1.6690e-003
tblVehicleEF	LDA	4.9110e-003	3.0880e-003
tblVehicleEF	LDA	0.05	0.14
tblVehicleEF	LDA	0.06	0.14
tblVehicleEF	LDA	0.04	0.09

tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.16	0.25
tblVehicleEF	LDA	0.04	0.11
tblVehicleEF	LDA	3.9160e-003	3.9040e-003
tblVehicleEF	LDA	7.5100e-004	7.5900e-004
tblVehicleEF	LDA	0.05	0.14
tblVehicleEF	LDA	0.06	0.14
tblVehicleEF	LDA	0.04	0.09
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.16	0.25
tblVehicleEF	LDA	0.05	0.12
tblVehicleEF	LDA	7.7950e-003	0.01
tblVehicleEF	LDA	3.1520e-003	7.7660e-003
tblVehicleEF	LDA	0.51	0.77
tblVehicleEF	LDA	1.19	2.42
tblVehicleEF	LDA	203.97	249.41
tblVehicleEF	LDA	44.20	56.26
tblVehicleEF	LDA	0.43	0.44
tblVehicleEF	LDA	0.06	0.09
tblVehicleEF	LDA	0.06	0.13
tblVehicleEF	LDA	2.1710e-003	1.8040e-003
tblVehicleEF	LDA	5.2930e-003	3.3380e-003
tblVehicleEF	LDA	2.0140e-003	1.6690e-003
tblVehicleEF	LDA	4.9110e-003	3.0880e-003
tblVehicleEF	LDA	7.1280e-003	0.02
tblVehicleEF	LDA	0.05	0.12
tblVehicleEF	LDA	6.3620e-003	0.01
tblVehicleEF	LDA	8.8540e-003	0.02
tblVehicleEF	LDA	0.20	0.30
tblVehicleEF	LDA	0.07	0.17

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tblVehicleEF	LDA	7.1280e-003	0.02
tblVehicleEF	LDA	0.05	0.12
tblVehicleEF	LDA	6.3620e-003	0.01
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.20	0.30
tblVehicleEF	LDA	0.07	0.18
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tblVehicleEF	LDT1	4.4790e-003	0.02
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tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.06	0.21
tblVehicleEF	LDT1	0.07	0.26
tblVehicleEF	LDT1	2.1670e-003	3.3550e-003
tblVehicleEF	LDT1	5.0570e-003	5.2470e-003
tblVehicleEF	LDT1	2.0100e-003	3.1050e-003
tblVehicleEF	LDT1	4.6920e-003	4.8550e-003
tblVehicleEF	LDT1	0.06	0.19
tblVehicleEF	LDT1	0.11	0.30
tblVehicleEF	LDT1	0.04	0.12
tblVehicleEF	LDT1	0.01	0.05
tblVehicleEF	LDT1	0.37	1.05
tblVehicleEF	LDT1	0.08	0.37
tblVehicleEF	LDT1	4.1320e-003	4.1090e-003
tblVehicleEF	LDT1	8.8200e-004	9.3000e-004
tblVehicleEF	LDT1	0.06	0.19

tblVehicleEF	LDT1	0.11	0.30
tblVehicleEF	LDT1	0.04	0.12
tblVehicleEF	LDT1	0.02	0.07
tblVehicleEF	LDT1	0.37	1.05
tblVehicleEF	LDT1	0.08	0.39
tblVehicleEF	LDT1	9.0650e-003	0.02
tblVehicleEF	LDT1	4.4790e-003	0.02
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tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.06	0.19
tblVehicleEF	LDT1	0.07	0.24
tblVehicleEF	LDT1	2.1670e-003	3.3550e-003
tblVehicleEF	LDT1	5.0570e-003	5.2470e-003
tblVehicleEF	LDT1	2.0100e-003	3.1050e-003
tblVehicleEF	LDT1	4.6920e-003	4.8550e-003
tblVehicleEF	LDT1	0.13	0.48
tblVehicleEF	LDT1	0.13	0.39
tblVehicleEF	LDT1	0.09	0.27
tblVehicleEF	LDT1	0.01	0.05
tblVehicleEF	LDT1	0.36	1.02
tblVehicleEF	LDT1	0.06	0.29
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tblVehicleEF	LDT1	0.13	0.48
tblVehicleEF	LDT1	0.13	0.39
tblVehicleEF	LDT1	0.09	0.27
tblVehicleEF	LDT1	0.02	0.08

tblVehicleEF	LDT1	0.36	1.02
tblVehicleEF	LDT1	0.07	0.31
tblVehicleEF	LDT1	9.0650e-003	0.02
tblVehicleEF	LDT1	4.4790e-003	0.02
tblVehicleEF	LDT1	0.61	1.85
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tblVehicleEF	LDT1	242.72	298.26
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tblVehicleEF	LDT1	0.07	0.23
tblVehicleEF	LDT1	0.08	0.29
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tblVehicleEF	LDT1	5.0570e-003	5.2470e-003
tblVehicleEF	LDT1	2.0100e-003	3.1050e-003
tblVehicleEF	LDT1	4.6920e-003	4.8550e-003
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tblVehicleEF	LDT1	0.11	0.31
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.01	0.05
tblVehicleEF	LDT1	0.45	1.28
tblVehicleEF	LDT1	0.10	0.45
tblVehicleEF	LDT1	3.9920e-003	3.9710e-003
tblVehicleEF	LDT1	8.8800e-004	9.5500e-004
tblVehicleEF	LDT1	0.02	0.06
tblVehicleEF	LDT1	0.11	0.31
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.02	0.07
tblVehicleEF	LDT1	0.45	1.28
tblVehicleEF	LDT1	0.10	0.48
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tblVehicleEF	LDT2	4.1300e-003	0.01
tblVehicleEF	LDT2	0.65	1.18
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tblVehicleEF	LDT2	327.99	381.48
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tblVehicleEF	LDT2	0.15	0.16
tblVehicleEF	LDT2	0.07	0.14
tblVehicleEF	LDT2	0.08	0.24
tblVehicleEF	LDT2	2.1510e-003	1.8950e-003
tblVehicleEF	LDT2	5.2230e-003	3.4340e-003
tblVehicleEF	LDT2	1.9960e-003	1.7520e-003
tblVehicleEF	LDT2	4.8460e-003	3.1740e-003
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.10	0.16
tblVehicleEF	LDT2	0.05	0.06
tblVehicleEF	LDT2	0.01	0.03
tblVehicleEF	LDT2	0.35	0.51
tblVehicleEF	LDT2	0.07	0.21
tblVehicleEF	LDT2	4.8300e-003	4.8230e-003
tblVehicleEF	LDT2	1.0280e-003	1.0530e-003
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.10	0.16
tblVehicleEF	LDT2	0.05	0.06
tblVehicleEF	LDT2	0.02	0.04
tblVehicleEF	LDT2	0.35	0.51
tblVehicleEF	LDT2	0.08	0.22
tblVehicleEF	LDT2	9.5260e-003	0.01
tblVehicleEF	LDT2	4.1300e-003	0.01
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tblVehicleEF	LDT2	0.83	2.07

tblVehicleEF	LDT2	360.04	418.71
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tblVehicleEF	LDT2	0.06	0.13
tblVehicleEF	LDT2	0.07	0.22
tblVehicleEF	LDT2	2.1510e-003	1.8950e-003
tblVehicleEF	LDT2	5.2230e-003	3.4340e-003
tblVehicleEF	LDT2	1.9960e-003	1.7520e-003
tblVehicleEF	LDT2	4.8460e-003	3.1740e-003
tblVehicleEF	LDT2	0.14	0.21
tblVehicleEF	LDT2	0.12	0.20
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.01	0.03
tblVehicleEF	LDT2	0.33	0.49
tblVehicleEF	LDT2	0.06	0.17
tblVehicleEF	LDT2	5.3040e-003	5.2990e-003
tblVehicleEF	LDT2	1.0230e-003	1.0400e-003
tblVehicleEF	LDT2	0.14	0.21
tblVehicleEF	LDT2	0.12	0.20
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.02	0.05
tblVehicleEF	LDT2	0.33	0.49
tblVehicleEF	LDT2	0.06	0.18
tblVehicleEF	LDT2	9.5260e-003	0.01
tblVehicleEF	LDT2	4.1300e-003	0.01
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tblVehicleEF	LDT2	1.48	3.65
tblVehicleEF	LDT2	316.87	368.54
tblVehicleEF	LDT2	68.89	82.11
tblVehicleEF	LDT2	0.15	0.16

tblVehicleEF	LDT2	0.07	0.15
tblVehicleEF	LDT2	0.08	0.27
tblVehicleEF	LDT2	2.1510e-003	1.8950e-003
tblVehicleEF	LDT2	5.2230e-003	3.4340e-003
tblVehicleEF	LDT2	1.9960e-003	1.7520e-003
tblVehicleEF	LDT2	4.8460e-003	3.1740e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.10	0.16
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.01	0.03
tblVehicleEF	LDT2	0.41	0.61
tblVehicleEF	LDT2	0.09	0.25
tblVehicleEF	LDT2	4.6660e-003	4.6580e-003
tblVehicleEF	LDT2	1.0340e-003	1.0670e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.10	0.16
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.02	0.04
tblVehicleEF	LDT2	0.41	0.61
tblVehicleEF	LDT2	0.10	0.27
tblVehicleEF	LHD1	1.0270e-003	1.0610e-003
tblVehicleEF	LHD1	7.6650e-003	0.02
tblVehicleEF	LHD1	7.9080e-003	0.02
tblVehicleEF	LHD1	0.15	0.16
tblVehicleEF	LHD1	0.52	1.65
tblVehicleEF	LHD1	2.03	3.77
tblVehicleEF	LHD1	8.33	8.66
tblVehicleEF	LHD1	685.28	713.80
tblVehicleEF	LHD1	31.55	31.71
tblVehicleEF	LHD1	0.05	0.05

tblVehicleEF	LHD1	0.09	0.09
tblVehicleEF	LHD1	0.53	1.73
tblVehicleEF	LHD1	0.72	0.97
tblVehicleEF	LHD1	9.1400e-004	9.5100e-004
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	9.8460e-003	9.8420e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	2.1100e-004	9.2300e-004
tblVehicleEF	LHD1	8.4100e-004	8.7500e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.4620e-003	2.4610e-003
tblVehicleEF	LHD1	9.9420e-003	0.02
tblVehicleEF	LHD1	1.9600e-004	8.4700e-004
tblVehicleEF	LHD1	1.5400e-003	2.8030e-003
tblVehicleEF	LHD1	0.04	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	8.5300e-004	1.2060e-003
tblVehicleEF	LHD1	0.05	0.17
tblVehicleEF	LHD1	0.22	0.51
tblVehicleEF	LHD1	0.14	0.31
tblVehicleEF	LHD1	7.4990e-003	7.5370e-003
tblVehicleEF	LHD1	3.8600e-004	4.0800e-004
tblVehicleEF	LHD1	1.5400e-003	2.8030e-003
tblVehicleEF	LHD1	0.04	0.08
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	8.5300e-004	1.2060e-003
tblVehicleEF	LHD1	0.06	0.20
tblVehicleEF	LHD1	0.22	0.51
tblVehicleEF	LHD1	0.15	0.33
tblVehicleEF	LHD1	1.0270e-003	1.0610e-003

tblVehicleEF	LHD1	7.6650e-003	0.02
tblVehicleEF	LHD1	7.9080e-003	0.02
tblVehicleEF	LHD1	0.15	0.16
tblVehicleEF	LHD1	0.52	1.69
tblVehicleEF	LHD1	1.47	2.71
tblVehicleEF	LHD1	8.33	8.66
tblVehicleEF	LHD1	685.28	713.80
tblVehicleEF	LHD1	31.55	31.71
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.09	0.09
tblVehicleEF	LHD1	0.50	1.63
tblVehicleEF	LHD1	0.68	0.91
tblVehicleEF	LHD1	9.1400e-004	9.5100e-004
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	9.8460e-003	9.8420e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	2.1100e-004	9.2300e-004
tblVehicleEF	LHD1	8.4100e-004	8.7500e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.4620e-003	2.4610e-003
tblVehicleEF	LHD1	9.9420e-003	0.02
tblVehicleEF	LHD1	1.9600e-004	8.4700e-004
tblVehicleEF	LHD1	3.6800e-003	7.0440e-003
tblVehicleEF	LHD1	0.05	0.09
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.6870e-003	2.6540e-003
tblVehicleEF	LHD1	0.05	0.17
tblVehicleEF	LHD1	0.22	0.50
tblVehicleEF	LHD1	0.12	0.26
tblVehicleEF	LHD1	7.4990e-003	7.5380e-003

tblVehicleEF	LHD1	3.7700e-004	3.8900e-004
tblVehicleEF	LHD1	3.6800e-003	7.0440e-003
tblVehicleEF	LHD1	0.05	0.09
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.6870e-003	2.6540e-003
tblVehicleEF	LHD1	0.06	0.20
tblVehicleEF	LHD1	0.22	0.50
tblVehicleEF	LHD1	0.13	0.28
tblVehicleEF	LHD1	1.0270e-003	1.0610e-003
tblVehicleEF	LHD1	7.6650e-003	0.02
tblVehicleEF	LHD1	7.9080e-003	0.02
tblVehicleEF	LHD1	0.15	0.16
tblVehicleEF	LHD1	0.51	1.62
tblVehicleEF	LHD1	2.66	4.98
tblVehicleEF	LHD1	8.33	8.66
tblVehicleEF	LHD1	685.28	713.80
tblVehicleEF	LHD1	31.55	31.71
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.09	0.09
tblVehicleEF	LHD1	0.55	1.77
tblVehicleEF	LHD1	0.77	1.03
tblVehicleEF	LHD1	9.1400e-004	9.5100e-004
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	9.8460e-003	9.8420e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	2.1100e-004	9.2300e-004
tblVehicleEF	LHD1	8.4100e-004	8.7500e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.4620e-003	2.4610e-003
tblVehicleEF	LHD1	9.9420e-003	0.02

tblVehicleEF	LHD1	1.9600e-004	8.4700e-004
tblVehicleEF	LHD1	5.8600e-004	9.1600e-004
tblVehicleEF	LHD1	0.04	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.9200e-004	4.8700e-004
tblVehicleEF	LHD1	0.05	0.17
tblVehicleEF	LHD1	0.25	0.56
tblVehicleEF	LHD1	0.17	0.37
tblVehicleEF	LHD1	7.4990e-003	7.5360e-003
tblVehicleEF	LHD1	3.9700e-004	4.2800e-004
tblVehicleEF	LHD1	5.8600e-004	9.1600e-004
tblVehicleEF	LHD1	0.04	0.08
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	3.9200e-004	4.8700e-004
tblVehicleEF	LHD1	0.06	0.19
tblVehicleEF	LHD1	0.25	0.56
tblVehicleEF	LHD1	0.18	0.40
tblVehicleEF	LHD2	7.6600e-004	7.8800e-004
tblVehicleEF	LHD2	5.5130e-003	0.01
tblVehicleEF	LHD2	3.8230e-003	8.7540e-003
tblVehicleEF	LHD2	0.12	0.12
tblVehicleEF	LHD2	0.58	1.07
tblVehicleEF	LHD2	1.11	1.81
tblVehicleEF	LHD2	9.09	9.45
tblVehicleEF	LHD2	589.58	614.24
tblVehicleEF	LHD2	18.39	18.42
tblVehicleEF	LHD2	8.2620e-003	7.8330e-003
tblVehicleEF	LHD2	0.14	0.14
tblVehicleEF	LHD2	0.66	2.26
tblVehicleEF	LHD2	0.38	0.53

tblVehicleEF	LHD2	1.4540e-003	1.4680e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.03
tblVehicleEF	LHD2	9.2000e-005	4.1100e-004
tblVehicleEF	LHD2	1.3370e-003	1.3500e-003
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.6980e-003	2.6970e-003
tblVehicleEF	LHD2	0.01	0.03
tblVehicleEF	LHD2	8.6000e-005	3.7800e-004
tblVehicleEF	LHD2	7.0700e-004	1.2500e-003
tblVehicleEF	LHD2	0.02	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	4.0500e-004	5.6300e-004
tblVehicleEF	LHD2	0.06	0.15
tblVehicleEF	LHD2	0.09	0.22
tblVehicleEF	LHD2	0.07	0.15
tblVehicleEF	LHD2	6.3820e-003	6.4060e-003
tblVehicleEF	LHD2	2.2400e-004	2.3000e-004
tblVehicleEF	LHD2	7.0700e-004	1.2500e-003
tblVehicleEF	LHD2	0.02	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	4.0500e-004	5.6300e-004
tblVehicleEF	LHD2	0.07	0.17
tblVehicleEF	LHD2	0.09	0.22
tblVehicleEF	LHD2	0.07	0.17
tblVehicleEF	LHD2	7.6600e-004	7.8800e-004
tblVehicleEF	LHD2	5.5130e-003	0.01
tblVehicleEF	LHD2	3.8230e-003	8.7540e-003
tblVehicleEF	LHD2	0.12	0.12

tblVehicleEF	LHD2	0.58	1.08
tblVehicleEF	LHD2	0.81	1.31
tblVehicleEF	LHD2	9.09	9.45
tblVehicleEF	LHD2	589.58	614.24
tblVehicleEF	LHD2	18.39	18.42
tblVehicleEF	LHD2	8.2620e-003	7.8330e-003
tblVehicleEF	LHD2	0.14	0.14
tblVehicleEF	LHD2	0.63	2.15
tblVehicleEF	LHD2	0.36	0.50
tblVehicleEF	LHD2	1.4540e-003	1.4680e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.03
tblVehicleEF	LHD2	9.2000e-005	4.1100e-004
tblVehicleEF	LHD2	1.3370e-003	1.3500e-003
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.6980e-003	2.6970e-003
tblVehicleEF	LHD2	0.01	0.03
tblVehicleEF	LHD2	8.6000e-005	3.7800e-004
tblVehicleEF	LHD2	1.6820e-003	3.1270e-003
tblVehicleEF	LHD2	0.02	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.9800e-004	1.2290e-003
tblVehicleEF	LHD2	0.06	0.15
tblVehicleEF	LHD2	0.09	0.22
tblVehicleEF	LHD2	0.06	0.13
tblVehicleEF	LHD2	6.3820e-003	6.4070e-003
tblVehicleEF	LHD2	2.1800e-004	2.2100e-004
tblVehicleEF	LHD2	1.6820e-003	3.1270e-003
tblVehicleEF	LHD2	0.02	0.04

tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.9800e-004	1.2290e-003
tblVehicleEF	LHD2	0.07	0.17
tblVehicleEF	LHD2	0.09	0.22
tblVehicleEF	LHD2	0.06	0.14
tblVehicleEF	LHD2	7.6600e-004	7.8800e-004
tblVehicleEF	LHD2	5.5130e-003	0.01
tblVehicleEF	LHD2	3.8230e-003	8.7540e-003
tblVehicleEF	LHD2	0.12	0.12
tblVehicleEF	LHD2	0.58	1.06
tblVehicleEF	LHD2	1.46	2.37
tblVehicleEF	LHD2	9.09	9.45
tblVehicleEF	LHD2	589.58	614.24
tblVehicleEF	LHD2	18.39	18.42
tblVehicleEF	LHD2	8.2620e-003	7.8330e-003
tblVehicleEF	LHD2	0.14	0.14
tblVehicleEF	LHD2	0.67	2.30
tblVehicleEF	LHD2	0.40	0.56
tblVehicleEF	LHD2	1.4540e-003	1.4680e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.03
tblVehicleEF	LHD2	9.2000e-005	4.1100e-004
tblVehicleEF	LHD2	1.3370e-003	1.3500e-003
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.6980e-003	2.6970e-003
tblVehicleEF	LHD2	0.01	0.03
tblVehicleEF	LHD2	8.6000e-005	3.7800e-004
tblVehicleEF	LHD2	2.7100e-004	4.2000e-004
tblVehicleEF	LHD2	0.02	0.04

tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.8600e-004	2.3100e-004
tblVehicleEF	LHD2	0.06	0.15
tblVehicleEF	LHD2	0.10	0.24
tblVehicleEF	LHD2	0.08	0.18
tblVehicleEF	LHD2	6.3820e-003	6.4060e-003
tblVehicleEF	LHD2	2.2900e-004	2.4000e-004
tblVehicleEF	LHD2	2.7100e-004	4.2000e-004
tblVehicleEF	LHD2	0.02	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.8600e-004	2.3100e-004
tblVehicleEF	LHD2	0.07	0.17
tblVehicleEF	LHD2	0.10	0.24
tblVehicleEF	LHD2	0.09	0.20
tblVehicleEF	MCY	24.48	27.94
tblVehicleEF	MCY	10.84	10.55
tblVehicleEF	MCY	153.52	152.72
tblVehicleEF	MCY	36.30	41.09
tblVehicleEF	MCY	6.8400e-003	6.2000e-003
tblVehicleEF	MCY	1.21	1.24
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	2.5600e-004	4.7800e-004
tblVehicleEF	MCY	6.7300e-004	1.3450e-003
tblVehicleEF	MCY	2.2200e-004	3.9400e-004
tblVehicleEF	MCY	5.8900e-004	1.0890e-003
tblVehicleEF	MCY	1.05	1.08
tblVehicleEF	MCY	0.41	0.48
tblVehicleEF	MCY	0.52	0.55
tblVehicleEF	MCY	2.69	2.81
tblVehicleEF	MCY	1.19	1.46

tblVehicleEF	MCY	2.12	2.21
tblVehicleEF	MCY	2.1740e-003	2.1600e-003
tblVehicleEF	MCY	6.4000e-004	6.7500e-004
tblVehicleEF	MCY	1.05	1.08
tblVehicleEF	MCY	0.41	0.48
tblVehicleEF	MCY	0.52	0.55
tblVehicleEF	MCY	2.94	3.07
tblVehicleEF	MCY	1.19	1.46
tblVehicleEF	MCY	2.27	2.37
tblVehicleEF	MCY	24.60	28.05
tblVehicleEF	MCY	8.91	8.90
tblVehicleEF	MCY	153.52	152.72
tblVehicleEF	MCY	36.30	41.09
tblVehicleEF	MCY	6.8400e-003	6.2000e-003
tblVehicleEF	MCY	1.05	1.07
tblVehicleEF	MCY	0.29	0.29
tblVehicleEF	MCY	2.5600e-004	4.7800e-004
tblVehicleEF	MCY	6.7300e-004	1.3450e-003
tblVehicleEF	MCY	2.2200e-004	3.9400e-004
tblVehicleEF	MCY	5.8900e-004	1.0890e-003
tblVehicleEF	MCY	2.81	2.90
tblVehicleEF	MCY	0.71	0.80
tblVehicleEF	MCY	1.52	1.57
tblVehicleEF	MCY	2.64	2.74
tblVehicleEF	MCY	1.14	1.41
tblVehicleEF	MCY	1.78	1.84
tblVehicleEF	MCY	2.1740e-003	2.1600e-003
tblVehicleEF	MCY	5.9900e-004	6.3700e-004
tblVehicleEF	MCY	2.81	2.90
tblVehicleEF	MCY	0.71	0.80

tblVehicleEF	MCY	1.52	1.57
tblVehicleEF	MCY	2.89	2.99
tblVehicleEF	MCY	1.14	1.41
tblVehicleEF	MCY	1.91	1.97
tblVehicleEF	MCY	26.42	30.30
tblVehicleEF	MCY	13.19	12.66
tblVehicleEF	MCY	153.52	152.72
tblVehicleEF	MCY	36.30	41.09
tblVehicleEF	MCY	6.8400e-003	6.2000e-003
tblVehicleEF	MCY	1.31	1.34
tblVehicleEF	MCY	0.33	0.33
tblVehicleEF	MCY	2.5600e-004	4.7800e-004
tblVehicleEF	MCY	6.7300e-004	1.3450e-003
tblVehicleEF	MCY	2.2200e-004	3.9400e-004
tblVehicleEF	MCY	5.8900e-004	1.0890e-003
tblVehicleEF	MCY	0.27	0.28
tblVehicleEF	MCY	0.41	0.49
tblVehicleEF	MCY	0.12	0.12
tblVehicleEF	MCY	2.79	2.94
tblVehicleEF	MCY	1.47	1.77
tblVehicleEF	MCY	2.52	2.65
tblVehicleEF	MCY	2.2080e-003	2.2010e-003
tblVehicleEF	MCY	6.9000e-004	7.2200e-004
tblVehicleEF	MCY	0.27	0.28
tblVehicleEF	MCY	0.41	0.49
tblVehicleEF	MCY	0.12	0.12
tblVehicleEF	MCY	3.05	3.21
tblVehicleEF	MCY	1.47	1.77
tblVehicleEF	MCY	2.70	2.84
tblVehicleEF	MDV	0.01	0.03

tblVehicleEF	MDV	7.2180e-003	0.03
tblVehicleEF	MDV	0.92	2.18
tblVehicleEF	MDV	1.79	5.12
tblVehicleEF	MDV	432.23	511.55
tblVehicleEF	MDV	90.77	108.28
tblVehicleEF	MDV	0.17	0.18
tblVehicleEF	MDV	0.10	0.30
tblVehicleEF	MDV	0.13	0.47
tblVehicleEF	MDV	2.1250e-003	2.3890e-003
tblVehicleEF	MDV	4.9170e-003	3.9080e-003
tblVehicleEF	MDV	1.9710e-003	2.2030e-003
tblVehicleEF	MDV	4.5620e-003	3.6100e-003
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.17	0.23
tblVehicleEF	MDV	0.09	0.08
tblVehicleEF	MDV	0.02	0.06
tblVehicleEF	MDV	0.53	0.73
tblVehicleEF	MDV	0.13	0.45
tblVehicleEF	MDV	6.1870e-003	6.1410e-003
tblVehicleEF	MDV	1.3200e-003	1.3570e-003
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.17	0.23
tblVehicleEF	MDV	0.09	0.08
tblVehicleEF	MDV	0.03	0.09
tblVehicleEF	MDV	0.53	0.73
tblVehicleEF	MDV	0.14	0.48
tblVehicleEF	MDV	0.01	0.03
tblVehicleEF	MDV	7.2180e-003	0.03
tblVehicleEF	MDV	1.14	2.65
tblVehicleEF	MDV	1.31	3.78

tblVehicleEF	MDV	473.95	560.62
tblVehicleEF	MDV	90.77	108.28
tblVehicleEF	MDV	0.17	0.18
tblVehicleEF	MDV	0.09	0.28
tblVehicleEF	MDV	0.12	0.43
tblVehicleEF	MDV	2.1250e-003	2.3890e-003
tblVehicleEF	MDV	4.9170e-003	3.9080e-003
tblVehicleEF	MDV	1.9710e-003	2.2030e-003
tblVehicleEF	MDV	4.5620e-003	3.6100e-003
tblVehicleEF	MDV	0.23	0.28
tblVehicleEF	MDV	0.19	0.28
tblVehicleEF	MDV	0.17	0.19
tblVehicleEF	MDV	0.02	0.07
tblVehicleEF	MDV	0.51	0.70
tblVehicleEF	MDV	0.10	0.36
tblVehicleEF	MDV	6.7870e-003	6.7380e-003
tblVehicleEF	MDV	1.3120e-003	1.3330e-003
tblVehicleEF	MDV	0.23	0.28
tblVehicleEF	MDV	0.19	0.28
tblVehicleEF	MDV	0.17	0.19
tblVehicleEF	MDV	0.04	0.10
tblVehicleEF	MDV	0.51	0.70
tblVehicleEF	MDV	0.11	0.38
tblVehicleEF	MDV	0.01	0.03
tblVehicleEF	MDV	7.2180e-003	0.03
tblVehicleEF	MDV	0.86	2.07
tblVehicleEF	MDV	2.32	6.63
tblVehicleEF	MDV	417.76	494.50
tblVehicleEF	MDV	90.77	108.28
tblVehicleEF	MDV	0.17	0.18

tblVehicleEF	MDV	0.11	0.33
tblVehicleEF	MDV	0.15	0.52
tblVehicleEF	MDV	2.1250e-003	2.3890e-003
tblVehicleEF	MDV	4.9170e-003	3.9080e-003
tblVehicleEF	MDV	1.9710e-003	2.2030e-003
tblVehicleEF	MDV	4.5620e-003	3.6100e-003
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.17	0.24
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.02	0.06
tblVehicleEF	MDV	0.63	0.87
tblVehicleEF	MDV	0.16	0.54
tblVehicleEF	MDV	5.9790e-003	5.9340e-003
tblVehicleEF	MDV	1.3290e-003	1.3840e-003
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.17	0.24
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.03	0.09
tblVehicleEF	MDV	0.63	0.87
tblVehicleEF	MDV	0.17	0.58
tblVehicleEF	MH	0.25	3.19
tblVehicleEF	MH	4.14	8.46
tblVehicleEF	MH	698.00	722.62
tblVehicleEF	MH	27.12	28.53
tblVehicleEF	MH	2.7290e-003	2.7820e-003
tblVehicleEF	MH	0.83	1.84
tblVehicleEF	MH	0.51	0.83
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.6770e-003	8.6720e-003
tblVehicleEF	MH	0.01	0.03

tblVehicleEF	MH	1.9000e-004	1.0590e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.1690e-003	2.1680e-003
tblVehicleEF	MH	9.2160e-003	0.03
tblVehicleEF	MH	1.7600e-004	9.6300e-004
tblVehicleEF	MH	0.51	1.41
tblVehicleEF	MH	0.03	0.09
tblVehicleEF	MH	0.20	0.40
tblVehicleEF	MH	0.03	0.14
tblVehicleEF	MH	0.62	2.23
tblVehicleEF	MH	0.22	0.46
tblVehicleEF	MH	7.6550e-003	7.6780e-003
tblVehicleEF	MH	3.7300e-004	4.5200e-004
tblVehicleEF	MH	0.51	1.41
tblVehicleEF	MH	0.03	0.09
tblVehicleEF	MH	0.20	0.40
tblVehicleEF	MH	0.04	0.17
tblVehicleEF	MH	0.62	2.23
tblVehicleEF	MH	0.23	0.49
tblVehicleEF	MH	0.26	3.31
tblVehicleEF	MH	3.01	5.90
tblVehicleEF	MH	698.00	722.62
tblVehicleEF	MH	27.12	28.53
tblVehicleEF	MH	2.7290e-003	2.7820e-003
tblVehicleEF	MH	0.78	1.70
tblVehicleEF	MH	0.48	0.78
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.6770e-003	8.6720e-003
tblVehicleEF	MH	0.01	0.03
tblVehicleEF	MH	1.9000e-004	1.0590e-003

tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.1690e-003	2.1680e-003
tblVehicleEF	MH	9.2160e-003	0.03
tblVehicleEF	MH	1.7600e-004	9.6300e-004
tblVehicleEF	MH	1.22	3.59
tblVehicleEF	MH	0.03	0.11
tblVehicleEF	MH	0.37	0.83
tblVehicleEF	MH	0.03	0.14
tblVehicleEF	MH	0.61	2.20
tblVehicleEF	MH	0.18	0.37
tblVehicleEF	MH	7.6550e-003	7.6800e-003
tblVehicleEF	MH	3.5400e-004	4.0900e-004
tblVehicleEF	MH	1.22	3.59
tblVehicleEF	MH	0.03	0.11
tblVehicleEF	MH	0.37	0.83
tblVehicleEF	MH	0.05	0.17
tblVehicleEF	MH	0.61	2.20
tblVehicleEF	MH	0.19	0.39
tblVehicleEF	MH	0.25	3.10
tblVehicleEF	MH	5.44	11.41
tblVehicleEF	MH	698.00	722.62
tblVehicleEF	MH	27.12	28.53
tblVehicleEF	MH	2.7290e-003	2.7820e-003
tblVehicleEF	MH	0.85	1.92
tblVehicleEF	MH	0.54	0.88
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.6770e-003	8.6720e-003
tblVehicleEF	MH	0.01	0.03
tblVehicleEF	MH	1.9000e-004	1.0590e-003
tblVehicleEF	MH	0.02	0.02

tblVehicleEF	MH	2.1690e-003	2.1680e-003
tblVehicleEF	MH	9.2160e-003	0.03
tblVehicleEF	MH	1.7600e-004	9.6300e-004
tblVehicleEF	MH	0.20	0.45
tblVehicleEF	MH	0.03	0.10
tblVehicleEF	MH	0.11	0.19
tblVehicleEF	MH	0.03	0.13
tblVehicleEF	MH	0.69	2.38
tblVehicleEF	MH	0.26	0.57
tblVehicleEF	MH	7.6550e-003	7.6770e-003
tblVehicleEF	MH	3.9400e-004	5.0200e-004
tblVehicleEF	MH	0.20	0.45
tblVehicleEF	MH	0.03	0.10
tblVehicleEF	MH	0.11	0.19
tblVehicleEF	MH	0.04	0.16
tblVehicleEF	MH	0.69	2.38
tblVehicleEF	MH	0.27	0.61
tblVehicleEF	MHD	8.2880e-003	8.7370e-003
tblVehicleEF	MHD	4.9800e-003	7.6690e-003
tblVehicleEF	MHD	2.11	1.94
tblVehicleEF	MHD	0.41	0.98
tblVehicleEF	MHD	7.36	18.52
tblVehicleEF	MHD	572.82	584.98
tblVehicleEF	MHD	1,003.54	1,042.29
tblVehicleEF	MHD	49.32	56.62
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	3.24	6.07
tblVehicleEF	MHD	1.01	3.27
tblVehicleEF	MHD	0.81	1.50
tblVehicleEF	MHD	7.5520e-003	0.03

tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.03	0.08
tblVehicleEF	MHD	3.5500e-004	3.3650e-003
tblVehicleEF	MHD	6.9480e-003	0.03
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	2.8720e-003	2.8500e-003
tblVehicleEF	MHD	0.03	0.07
tblVehicleEF	MHD	3.2900e-004	2.8220e-003
tblVehicleEF	MHD	1.6770e-003	4.2550e-003
tblVehicleEF	MHD	0.06	0.15
tblVehicleEF	MHD	0.18	0.19
tblVehicleEF	MHD	9.4800e-004	1.8720e-003
tblVehicleEF	MHD	0.11	0.19
tblVehicleEF	MHD	0.31	0.52
tblVehicleEF	MHD	0.44	1.24
tblVehicleEF	MHD	6.0720e-003	5.9690e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.7600e-004	9.3500e-004
tblVehicleEF	MHD	1.6770e-003	4.2550e-003
tblVehicleEF	MHD	0.06	0.15
tblVehicleEF	MHD	0.20	0.21
tblVehicleEF	MHD	9.4800e-004	1.8720e-003
tblVehicleEF	MHD	0.12	0.21
tblVehicleEF	MHD	0.31	0.52
tblVehicleEF	MHD	0.47	1.33
tblVehicleEF	MHD	7.8100e-003	8.2340e-003
tblVehicleEF	MHD	4.9800e-003	7.6690e-003
tblVehicleEF	MHD	1.53	1.41
tblVehicleEF	MHD	0.41	0.99

tblVehicleEF	MHD	5.39	13.75
tblVehicleEF	MHD	606.85	619.73
tblVehicleEF	MHD	1,003.54	1,042.29
tblVehicleEF	MHD	49.32	56.62
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	3.35	6.26
tblVehicleEF	MHD	0.96	3.10
tblVehicleEF	MHD	0.76	1.42
tblVehicleEF	MHD	6.3660e-003	0.03
tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.03	0.08
tblVehicleEF	MHD	3.5500e-004	3.3650e-003
tblVehicleEF	MHD	5.8570e-003	0.02
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	2.8720e-003	2.8500e-003
tblVehicleEF	MHD	0.03	0.07
tblVehicleEF	MHD	3.2900e-004	2.8220e-003
tblVehicleEF	MHD	3.9970e-003	0.01
tblVehicleEF	MHD	0.07	0.18
tblVehicleEF	MHD	0.17	0.18
tblVehicleEF	MHD	1.8720e-003	4.3050e-003
tblVehicleEF	MHD	0.11	0.19
tblVehicleEF	MHD	0.31	0.53
tblVehicleEF	MHD	0.37	1.00
tblVehicleEF	MHD	6.4330e-003	6.3240e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.4300e-004	8.5200e-004
tblVehicleEF	MHD	3.9970e-003	0.01
tblVehicleEF	MHD	0.07	0.18

tblVehicleEF	MHD	0.19	0.20
tblVehicleEF	MHD	1.8720e-003	4.3050e-003
tblVehicleEF	MHD	0.13	0.21
tblVehicleEF	MHD	0.31	0.53
tblVehicleEF	MHD	0.40	1.07
tblVehicleEF	MHD	8.9470e-003	9.4320e-003
tblVehicleEF	MHD	4.9800e-003	7.6690e-003
tblVehicleEF	MHD	2.91	2.67
tblVehicleEF	MHD	0.40	0.99
tblVehicleEF	MHD	9.61	24.16
tblVehicleEF	MHD	525.82	536.98
tblVehicleEF	MHD	1,003.54	1,042.29
tblVehicleEF	MHD	49.32	56.62
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	3.10	5.80
tblVehicleEF	MHD	1.03	3.33
tblVehicleEF	MHD	0.86	1.60
tblVehicleEF	MHD	9.1890e-003	0.04
tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.03	0.08
tblVehicleEF	MHD	3.5500e-004	3.3650e-003
tblVehicleEF	MHD	8.4540e-003	0.03
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	2.8720e-003	2.8500e-003
tblVehicleEF	MHD	0.03	0.07
tblVehicleEF	MHD	3.2900e-004	2.8220e-003
tblVehicleEF	MHD	6.3800e-004	1.2850e-003
tblVehicleEF	MHD	0.06	0.17
tblVehicleEF	MHD	0.19	0.20

tblVehicleEF	MHD	4.3500e-004	6.8600e-004
tblVehicleEF	MHD	0.11	0.19
tblVehicleEF	MHD	0.35	0.57
tblVehicleEF	MHD	0.52	1.54
tblVehicleEF	MHD	5.5740e-003	5.4790e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.1400e-004	1.0330e-003
tblVehicleEF	MHD	6.3800e-004	1.2850e-003
tblVehicleEF	MHD	0.06	0.17
tblVehicleEF	MHD	0.22	0.23
tblVehicleEF	MHD	4.3500e-004	6.8600e-004
tblVehicleEF	MHD	0.12	0.21
tblVehicleEF	MHD	0.35	0.57
tblVehicleEF	MHD	0.55	1.65
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	2.9870e-003	2.9760e-003
tblVehicleEF	OBUS	3.31	2.48
tblVehicleEF	OBUS	0.58	1.84
tblVehicleEF	OBUS	6.44	14.25
tblVehicleEF	OBUS	533.36	554.85
tblVehicleEF	OBUS	1,056.81	1,088.41
tblVehicleEF	OBUS	32.73	34.62
tblVehicleEF	OBUS	1.8600e-003	1.7770e-003
tblVehicleEF	OBUS	3.20	5.30
tblVehicleEF	OBUS	1.08	3.45
tblVehicleEF	OBUS	0.85	1.84
tblVehicleEF	OBUS	8.7960e-003	0.01
tblVehicleEF	OBUS	0.10	0.09
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.04

tblVehicleEF	OBUS	3.1300e-004	1.0690e-003
tblVehicleEF	OBUS	8.0920e-003	9.4330e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6410e-003	2.6140e-003
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	2.9000e-004	9.5900e-004
tblVehicleEF	OBUS	9.7600e-004	1.1660e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.56	0.42
tblVehicleEF	OBUS	3.9800e-004	4.2600e-004
tblVehicleEF	OBUS	0.11	0.18
tblVehicleEF	OBUS	0.28	0.32
tblVehicleEF	OBUS	0.38	0.82
tblVehicleEF	OBUS	5.6540e-003	5.6610e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	4.7600e-004	6.1900e-004
tblVehicleEF	OBUS	9.7600e-004	1.1660e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.64	0.48
tblVehicleEF	OBUS	3.9800e-004	4.2600e-004
tblVehicleEF	OBUS	0.13	0.21
tblVehicleEF	OBUS	0.28	0.32
tblVehicleEF	OBUS	0.41	0.87
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	2.9870e-003	2.9760e-003
tblVehicleEF	OBUS	2.40	1.80
tblVehicleEF	OBUS	0.58	1.89
tblVehicleEF	OBUS	4.67	10.38
tblVehicleEF	OBUS	565.05	587.81
tblVehicleEF	OBUS	1,056.81	1,088.41

tblVehicleEF	OBUS	32.73	34.62
tblVehicleEF	OBUS	1.8600e-003	1.7770e-003
tblVehicleEF	OBUS	3.30	5.47
tblVehicleEF	OBUS	1.02	3.25
tblVehicleEF	OBUS	0.80	1.73
tblVehicleEF	OBUS	7.4150e-003	8.6440e-003
tblVehicleEF	OBUS	0.10	0.09
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	3.1300e-004	1.0690e-003
tblVehicleEF	OBUS	6.8220e-003	7.9520e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6410e-003	2.6140e-003
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	2.9000e-004	9.5900e-004
tblVehicleEF	OBUS	2.3520e-003	2.9410e-003
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	0.53	0.40
tblVehicleEF	OBUS	7.3900e-004	8.6800e-004
tblVehicleEF	OBUS	0.11	0.19
tblVehicleEF	OBUS	0.27	0.32
tblVehicleEF	OBUS	0.32	0.68
tblVehicleEF	OBUS	5.9900e-003	5.9980e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	4.4700e-004	5.5400e-004
tblVehicleEF	OBUS	2.3520e-003	2.9410e-003
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	0.60	0.45
tblVehicleEF	OBUS	7.3900e-004	8.6800e-004
tblVehicleEF	OBUS	0.13	0.22

tblVehicleEF	OBUS	0.27	0.32
tblVehicleEF	OBUS	0.34	0.73
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	2.9870e-003	2.9760e-003
tblVehicleEF	OBUS	4.55	3.41
tblVehicleEF	OBUS	0.57	1.81
tblVehicleEF	OBUS	8.46	18.67
tblVehicleEF	OBUS	489.60	509.32
tblVehicleEF	OBUS	1,056.81	1,088.41
tblVehicleEF	OBUS	32.73	34.62
tblVehicleEF	OBUS	1.8600e-003	1.7770e-003
tblVehicleEF	OBUS	3.06	5.06
tblVehicleEF	OBUS	1.10	3.54
tblVehicleEF	OBUS	0.90	1.95
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.10	0.09
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	3.1300e-004	1.0690e-003
tblVehicleEF	OBUS	9.8460e-003	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6410e-003	2.6140e-003
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	2.9000e-004	9.5900e-004
tblVehicleEF	OBUS	3.8700e-004	4.1400e-004
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.61	0.46
tblVehicleEF	OBUS	2.0800e-004	2.0200e-004
tblVehicleEF	OBUS	0.11	0.18
tblVehicleEF	OBUS	0.30	0.34

tblVehicleEF	OBUS	0.45	0.97
tblVehicleEF	OBUS	5.1900e-003	5.1970e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	5.1000e-004	6.9300e-004
tblVehicleEF	OBUS	3.8700e-004	4.1400e-004
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.69	0.52
tblVehicleEF	OBUS	2.0800e-004	2.0200e-004
tblVehicleEF	OBUS	0.13	0.21
tblVehicleEF	OBUS	0.30	0.34
tblVehicleEF	OBUS	0.48	1.04
tblVehicleEF	SBUS	7.9670e-003	4.3220e-003
tblVehicleEF	SBUS	7.2990e-003	4.2060e-003
tblVehicleEF	SBUS	2.03	0.99
tblVehicleEF	SBUS	2.22	6.88
tblVehicleEF	SBUS	20.72	41.62
tblVehicleEF	SBUS	573.46	563.29
tblVehicleEF	SBUS	925.92	994.88
tblVehicleEF	SBUS	115.30	123.07
tblVehicleEF	SBUS	5.8600e-004	6.5600e-004
tblVehicleEF	SBUS	3.64	7.75
tblVehicleEF	SBUS	3.02	6.64
tblVehicleEF	SBUS	2.08	3.51
tblVehicleEF	SBUS	7.6550e-003	0.01
tblVehicleEF	SBUS	0.41	0.45
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	1.3950e-003	6.6200e-003
tblVehicleEF	SBUS	7.0420e-003	0.01
tblVehicleEF	SBUS	0.18	0.19

tblVehicleEF	SBUS	2.5290e-003	2.5830e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	1.2940e-003	5.8290e-003
tblVehicleEF	SBUS	0.03	0.05
tblVehicleEF	SBUS	0.21	0.37
tblVehicleEF	SBUS	0.17	0.09
tblVehicleEF	SBUS	8.6960e-003	0.02
tblVehicleEF	SBUS	0.26	0.49
tblVehicleEF	SBUS	1.53	3.20
tblVehicleEF	SBUS	1.20	2.62
tblVehicleEF	SBUS	6.0790e-003	5.7480e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.6420e-003	2.0500e-003
tblVehicleEF	SBUS	0.03	0.05
tblVehicleEF	SBUS	0.21	0.37
tblVehicleEF	SBUS	0.20	0.11
tblVehicleEF	SBUS	8.6960e-003	0.02
tblVehicleEF	SBUS	0.30	0.55
tblVehicleEF	SBUS	1.53	3.20
tblVehicleEF	SBUS	1.29	2.80
tblVehicleEF	SBUS	7.5080e-003	4.0730e-003
tblVehicleEF	SBUS	7.2990e-003	4.2060e-003
tblVehicleEF	SBUS	1.47	0.72
tblVehicleEF	SBUS	2.28	7.01
tblVehicleEF	SBUS	16.67	33.55
tblVehicleEF	SBUS	607.53	596.75
tblVehicleEF	SBUS	925.92	994.88
tblVehicleEF	SBUS	115.30	123.07
tblVehicleEF	SBUS	5.8600e-004	6.5600e-004
tblVehicleEF	SBUS	3.76	8.00

tblVehicleEF	SBUS	2.82	6.21
tblVehicleEF	SBUS	1.91	3.23
tblVehicleEF	SBUS	6.4530e-003	0.01
tblVehicleEF	SBUS	0.41	0.45
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	1.3950e-003	6.6200e-003
tblVehicleEF	SBUS	5.9370e-003	0.01
tblVehicleEF	SBUS	0.18	0.19
tblVehicleEF	SBUS	2.5290e-003	2.5830e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	1.2940e-003	5.8290e-003
tblVehicleEF	SBUS	0.07	0.14
tblVehicleEF	SBUS	0.25	0.42
tblVehicleEF	SBUS	0.16	0.09
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.27	0.49
tblVehicleEF	SBUS	1.32	2.80
tblVehicleEF	SBUS	1.06	2.24
tblVehicleEF	SBUS	6.4400e-003	6.0890e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.5740e-003	1.9110e-003
tblVehicleEF	SBUS	0.07	0.14
tblVehicleEF	SBUS	0.25	0.42
tblVehicleEF	SBUS	0.18	0.10
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.31	0.56
tblVehicleEF	SBUS	1.32	2.80
tblVehicleEF	SBUS	1.13	2.40
tblVehicleEF	SBUS	8.6010e-003	4.6660e-003

tblVehicleEF	SBUS	7.2990e-003	4.2060e-003
tblVehicleEF	SBUS	2.79	1.37
tblVehicleEF	SBUS	2.16	6.96
tblVehicleEF	SBUS	25.31	50.97
tblVehicleEF	SBUS	526.41	517.07
tblVehicleEF	SBUS	925.92	994.88
tblVehicleEF	SBUS	115.30	123.07
tblVehicleEF	SBUS	5.8600e-004	6.5600e-004
tblVehicleEF	SBUS	3.48	7.40
tblVehicleEF	SBUS	3.11	6.83
tblVehicleEF	SBUS	2.23	3.78
tblVehicleEF	SBUS	9.3140e-003	0.02
tblVehicleEF	SBUS	0.41	0.45
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	1.3950e-003	6.6200e-003
tblVehicleEF	SBUS	8.5690e-003	0.02
tblVehicleEF	SBUS	0.18	0.19
tblVehicleEF	SBUS	2.5290e-003	2.5830e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	1.2940e-003	5.8290e-003
tblVehicleEF	SBUS	9.9050e-003	0.02
tblVehicleEF	SBUS	0.21	0.40
tblVehicleEF	SBUS	0.19	0.10
tblVehicleEF	SBUS	4.3320e-003	6.6030e-003
tblVehicleEF	SBUS	0.26	0.48
tblVehicleEF	SBUS	1.98	4.06
tblVehicleEF	SBUS	1.36	3.02
tblVehicleEF	SBUS	5.5800e-003	5.2760e-003
tblVehicleEF	SBUS	0.01	0.01

tblVehicleEF	SBUS	1.7190e-003	2.2090e-003
tblVehicleEF	SBUS	9.9050e-003	0.02
tblVehicleEF	SBUS	0.21	0.40
tblVehicleEF	SBUS	0.21	0.11
tblVehicleEF	SBUS	4.3320e-003	6.6030e-003
tblVehicleEF	SBUS	0.30	0.54
tblVehicleEF	SBUS	1.98	4.06
tblVehicleEF	SBUS	1.45	3.23
tblVehicleEF	UBUS	3.08	8.27
tblVehicleEF	UBUS	11.53	19.01
tblVehicleEF	UBUS	1,708.50	1,981.29
tblVehicleEF	UBUS	32.79	35.14
tblVehicleEF	UBUS	1.1650e-003	1.1530e-003
tblVehicleEF	UBUS	5.21	13.16
tblVehicleEF	UBUS	1.64	2.10
tblVehicleEF	UBUS	0.09	0.19
tblVehicleEF	UBUS	3.0900e-004	1.4610e-003
tblVehicleEF	UBUS	0.08	0.18
tblVehicleEF	UBUS	2.8700e-004	1.2780e-003
tblVehicleEF	UBUS	5.7290e-003	0.01
tblVehicleEF	UBUS	0.07	0.17
tblVehicleEF	UBUS	2.3280e-003	4.2480e-003
tblVehicleEF	UBUS	0.33	0.97
tblVehicleEF	UBUS	0.59	1.19
tblVehicleEF	UBUS	0.87	1.48
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	5.7200e-004	7.2100e-004
tblVehicleEF	UBUS	5.7290e-003	0.01
tblVehicleEF	UBUS	0.07	0.17
tblVehicleEF	UBUS	2.3280e-003	4.2480e-003

tblVehicleEF	UBUS	0.37	1.07
tblVehicleEF	UBUS	0.59	1.19
tblVehicleEF	UBUS	0.93	1.59
tblVehicleEF	UBUS	3.14	8.42
tblVehicleEF	UBUS	9.06	14.92
tblVehicleEF	UBUS	1,708.50	1,981.29
tblVehicleEF	UBUS	32.79	35.14
tblVehicleEF	UBUS	1.1650e-003	1.1530e-003
tblVehicleEF	UBUS	4.90	12.41
tblVehicleEF	UBUS	1.53	1.96
tblVehicleEF	UBUS	0.09	0.19
tblVehicleEF	UBUS	3.0900e-004	1.4610e-003
tblVehicleEF	UBUS	0.08	0.18
tblVehicleEF	UBUS	2.8700e-004	1.2780e-003
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.10	0.21
tblVehicleEF	UBUS	5.0680e-003	9.6120e-003
tblVehicleEF	UBUS	0.34	0.98
tblVehicleEF	UBUS	0.55	1.14
tblVehicleEF	UBUS	0.76	1.28
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	5.3000e-004	6.5000e-004
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.10	0.21
tblVehicleEF	UBUS	5.0680e-003	9.6120e-003
tblVehicleEF	UBUS	0.38	1.08
tblVehicleEF	UBUS	0.55	1.14
tblVehicleEF	UBUS	0.81	1.36
tblVehicleEF	UBUS	3.02	8.29
tblVehicleEF	UBUS	14.25	23.59

tblVehicleEF	UBUS	1,708.50	1,981.29
tblVehicleEF	UBUS	32.79	35.14
tblVehicleEF	UBUS	1.1650e-003	1.1530e-003
tblVehicleEF	UBUS	5.34	13.45
tblVehicleEF	UBUS	1.74	2.23
tblVehicleEF	UBUS	0.09	0.19
tblVehicleEF	UBUS	3.0900e-004	1.4610e-003
tblVehicleEF	UBUS	0.08	0.18
tblVehicleEF	UBUS	2.8700e-004	1.2780e-003
tblVehicleEF	UBUS	2.1520e-003	3.9000e-003
tblVehicleEF	UBUS	0.06	0.19
tblVehicleEF	UBUS	1.1070e-003	1.8040e-003
tblVehicleEF	UBUS	0.33	0.96
tblVehicleEF	UBUS	0.75	1.44
tblVehicleEF	UBUS	0.99	1.71
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	6.1900e-004	8.0000e-004
tblVehicleEF	UBUS	2.1520e-003	3.9000e-003
tblVehicleEF	UBUS	0.06	0.19
tblVehicleEF	UBUS	1.1070e-003	1.8040e-003
tblVehicleEF	UBUS	0.37	1.05
tblVehicleEF	UBUS	0.75	1.44
tblVehicleEF	UBUS	1.06	1.83
tblVehicleTrips	WD_TR	6.59	6.65
tblVehicleTrips	WD_TR	6.59	6.65
tblVehicleTrips	WD_TR	6.97	12.44
tblVehicleTrips	WD_TR	11.01	17.91
tblVehicleTrips	WD_TR	42.94	42.70
tblVehicleTrips	WD_TR	9.57	9.52
tblWoodstoves	NumberCatalytic	10.00	0.00

tblWoodstoves	NumberCatalytic	9.00	0.00
tblWoodstoves	NumberCatalytic	167.90	0.00
tblWoodstoves	NumberNoncatalytic	10.00	0.00
tblWoodstoves	NumberNoncatalytic	9.00	0.00
tblWoodstoves	NumberNoncatalytic	167.90	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2017	0.6276	6.6327	5.1482	5.3200e-003	2.1864	0.3510	2.5373	1.1966	0.3232	1.5197	0.0000	488.3098	488.3098	0.1442	0.0000	491.3379
2018	0.6966	7.7573	5.6031	8.2800e-003	3.8396	0.3634	4.2030	1.7878	0.3343	2.1221	0.0000	749.9121	749.9121	0.2289	0.0000	754.7180
2019	1.4525	8.9237	16.2580	0.0387	3.5973	0.2928	3.8900	1.1168	0.2721	1.3890	0.0000	2,973.6433	2,973.6433	0.1729	0.0000	2,977.2735
2020	1.5300	8.1841	18.0707	0.0464	2.4349	0.2501	2.6850	0.6584	0.2332	0.8915	0.0000	3,439.4301	3,439.4301	0.1537	0.0000	3,442.6578
2021	1.4226	6.9318	17.2159	0.0462	2.4257	0.2179	2.6435	0.6559	0.2031	0.8590	0.0000	3,403.8721	3,403.8721	0.1494	0.0000	3,407.0100
2022	1.3462	6.1613	16.5113	0.0460	2.4165	0.1961	2.6125	0.6534	0.1827	0.8361	0.0000	3,368.7986	3,368.7986	0.1459	0.0000	3,371.8623
2023	1.2441	5.4739	15.5907	0.0460	2.4166	0.1766	2.5931	0.6535	0.1645	0.8179	0.0000	3,347.2661	3,347.2661	0.1421	0.0000	3,350.2505
2024	1.2009	5.3549	15.2049	0.0463	2.4353	0.1671	2.6023	0.6586	0.1555	0.8140	0.0000	3,357.5910	3,357.5910	0.1410	0.0000	3,360.5525
2025	1.1571	5.1769	14.7983	0.0462	2.4261	0.1556	2.5817	0.6561	0.1447	0.8008	0.0000	3,331.1208	3,331.1208	0.1385	0.0000	3,334.0285
2026	1.1261	5.1311	14.3989	0.0462	2.4262	0.1552	2.5814	0.6561	0.1444	0.8005	0.0000	3,320.8094	3,320.8094	0.1367	0.0000	3,323.6792
2027	1.1061	5.1039	14.1725	0.0462	2.4263	0.1555	2.5817	0.6562	0.1446	0.8007	0.0000	3,310.6240	3,310.6240	0.1354	0.0000	3,313.4666

2028	1.0845	5.0578	13.9228	0.0460	2.4171	0.1549	2.5720	0.6537	0.1441	0.7977	0.0000	3,289.2577	3,289.2577	0.1336	0.0000	3,292.0642
2029	0.3169	1.9203	4.3592	0.0120	0.5144	0.0748	0.5893	0.1391	0.0692	0.2082	0.0000	893.2234	893.2234	0.0934	0.0000	895.1856
2030	2.8024	0.8374	1.9604	3.9100e-003	0.0545	0.0384	0.0928	0.0145	0.0384	0.0528	0.0000	316.8565	316.8565	0.0145	0.0000	317.1599
2031	24.6220	0.1939	1.0933	5.0400e-003	0.3775	5.6500e-003	0.3831	0.1003	5.4300e-003	0.1058	0.0000	299.0680	299.0680	0.0110	0.0000	299.2995
2032	14.2432	0.1109	0.6211	2.9200e-003	0.2184	3.2700e-003	0.2216	0.0580	3.1500e-003	0.0612	0.0000	172.4993	172.4993	6.2900e-003	0.0000	172.6314
Total	55.9787	78.9519	174.9295	0.4916	32.6123	2.7581	35.3705	10.3149	2.5623	12.8772	0.0000	36,062.2821	36,062.2821	1.9474	0.0000	36,103.1774
Divided by Years	3.5883782	5.0610192	11.21343	0.0315128	2.090532	0.176801	2.26734	0.6612115	0.16425	0.8254615	0	2311.685	2311.6848	0.124833	0	2314.3062
Average Daily lbs	27.548573	38.854281	86.08735	0.2419291	16.04936	1.357333	17.40674	5.0762303	1.2609744	6.3372047	0	17747.19	17747.186	0.958366	0.0000	17767.312

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	0.6276	6.6327	5.1482	5.3200e-003	2.1864	0.3510	2.5373	1.1966	0.3232	1.5197	0.0000	488.3092	488.3092	0.1442	0.0000	491.3373
2018	0.6966	7.7573	5.6031	8.2800e-003	3.8396	0.3634	4.2030	1.7878	0.3343	2.1221	0.0000	749.9113	749.9113	0.2289	0.0000	754.7171
2019	1.4525	8.9237	16.2580	0.0387	3.5973	0.2928	3.8900	1.1168	0.2721	1.3890	0.0000	2,973.6428	2,973.6428	0.1729	0.0000	2,977.2731
2020	1.5300	8.1841	18.0707	0.0464	2.4349	0.2501	2.6850	0.6584	0.2332	0.8915	0.0000	3,439.4298	3,439.4298	0.1537	0.0000	3,442.6575
2021	1.4226	6.9318	17.2159	0.0462	2.4257	0.2179	2.6435	0.6559	0.2031	0.8590	0.0000	3,403.8717	3,403.8717	0.1494	0.0000	3,407.0096
2022	1.3462	6.1613	16.5113	0.0460	2.4165	0.1961	2.6125	0.6534	0.1827	0.8361	0.0000	3,368.7983	3,368.7983	0.1459	0.0000	3,371.8619
2023	1.2441	5.4739	15.5907	0.0460	2.4166	0.1766	2.5931	0.6535	0.1645	0.8179	0.0000	3,347.2657	3,347.2657	0.1421	0.0000	3,350.2501
2024	1.2009	5.3549	15.2049	0.0463	2.4353	0.1671	2.6023	0.6586	0.1555	0.8140	0.0000	3,357.5906	3,357.5906	0.1410	0.0000	3,360.5522

2025	1.1571	5.1769	14.7983	0.0462	2.4261	0.1556	2.5817	0.6561	0.1447	0.8008	0.0000	3,331.1204	3,331.1204	0.1385	0.0000	3,334.0282
2026	1.1261	5.1311	14.3989	0.0462	2.4262	0.1552	2.5814	0.6561	0.1444	0.8005	0.0000	3,320.8090	3,320.8090	0.1367	0.0000	3,323.6789
2027	1.1061	5.1039	14.1725	0.0462	2.4263	0.1555	2.5817	0.6562	0.1446	0.8007	0.0000	3,310.6237	3,310.6237	0.1354	0.0000	3,313.4662
2028	1.0845	5.0578	13.9228	0.0460	2.4171	0.1549	2.5720	0.6537	0.1441	0.7977	0.0000	3,289.2574	3,289.2574	0.1336	0.0000	3,292.0639
2029	0.3169	1.9203	4.3592	0.0120	0.5144	0.0748	0.5893	0.1391	0.0692	0.2082	0.0000	893.2231	893.2231	0.0934	0.0000	895.1853
2030	2.8024	0.8374	1.9604	3.9100e-003	0.0545	0.0384	0.0928	0.0145	0.0384	0.0528	0.0000	316.8562	316.8562	0.0145	0.0000	317.1595
2031	24.6220	0.1939	1.0933	5.0400e-003	0.3775	5.6500e-003	0.3831	0.1003	5.4300e-003	0.1058	0.0000	299.0680	299.0680	0.0110	0.0000	299.2995
2032	14.2432	0.1109	0.6211	2.9200e-003	0.2184	3.2700e-003	0.2216	0.0580	3.1500e-003	0.0612	0.0000	172.4993	172.4993	6.2900e-003	0.0000	172.6313
Total	55.9787	78.9519	174.9294	0.4916	32.6123	2.7581	35.3705	10.3149	2.5623	12.8772	0.0000	36,062.2763	36,062.2763	1.9474	0.0000	36,103.1716

	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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	24.7715	0.1156	10.0323	5.3000e-004		0.1286	0.1286		0.1278	0.1278	0.0000	1,059.6042	1,059.6042	0.0357	0.0191	1,066.2825
Energy	0.3331	2.9192	1.7476	0.0182		0.2301	0.2301		0.2301	0.2301	0.0000	9,596.5021	9,596.5021	0.3481	0.1194	9,640.8160
Mobile	22.9332	69.1316	237.7823	0.5245	31.4740	0.9893	32.4634	8.4408	0.9109	9.3517	0.0000	39,837.0100	39,837.0100	1.4024	0.0000	39,866.4596
Waste						0.0000	0.0000		0.0000	0.0000	609.2185	0.0000	609.2185	36.0038	0.0000	1,365.2979
Water						0.0000	0.0000		0.0000	0.0000	106.1512	655.4591	761.6103	10.9324	0.2636	1,072.8969

Total	48.0378	72.1664	249.5621	0.5432	31.4740	1.3480	32.8221	8.4408	1.2689	9.7096	715.3697	51,148.5754	51,863.9451	48.7223	0.4021	53,011.7530
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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	24.7715	0.1156	10.0323	5.3000e-004		0.1286	0.1286		0.1278	0.1278	0.0000	1,059.6042	1,059.6042	0.0357	0.0191	1,066.2825
Energy	0.3331	2.9192	1.7476	0.0182		0.2301	0.2301		0.2301	0.2301	0.0000	9,596.5021	9,596.5021	0.3481	0.1194	9,640.8160
Mobile	22.9332	69.1316	237.7823	0.5245	31.4740	0.9893	32.4634	8.4408	0.9109	9.3517	0.0000	39,837.0100	39,837.0100	1.4024	0.0000	39,866.4596
Waste						0.0000	0.0000		0.0000	0.0000	609.2185	0.0000	609.2185	36.0038	0.0000	1,365.2979
Water						0.0000	0.0000		0.0000	0.0000	106.1512	655.4591	761.6103	10.9304	0.2632	1,072.7276
Total	48.0378	72.1664	249.5621	0.5432	31.4740	1.3480	32.8221	8.4408	1.2689	9.7096	715.3697	51,148.5754	51,863.9451	48.7203	0.4017	53,011.5836

	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2017	2/1/2017	5	23	
2	Site Preparation	Site Preparation	2/2/2017	1/3/2018	5	240	
3	Grading	Grading	1/4/2018	3/13/2019	5	310	
4	Building Construction	Building Construction	3/14/2019	3/15/2029	5	2611	

5	Paving	Paving	3/16/2029	11/21/2030	5	440
6	Architectural Coating	Architectural Coating	11/22/2030	7/29/2032	5	440

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1353

Acres of Paving: 0

Residential Indoor: 4,448,925; Residential Outdoor: 1,482,975; Non-Residential Indoor: 4,474,123; Non-Residential Outdoor: 1,491,374

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Excavators	3	8.00	162	0.38
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Excavators	2	8.00	162	0.38
Building Construction	Cranes	1	7.00	226	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Paving	Pavers	2	8.00	125	0.42
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	2	8.00	255	0.40
Grading	Rubber Tired Dozers	1	8.00	255	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Graders	1	8.00	174	0.41
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Paving Equipment	2	8.00	130	0.36
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	3	8.00	255	0.40
Grading	Scrapers	2	8.00	361	0.48
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	1,810.00	634.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	362.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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					
Off-Road	0.0466	0.4910	0.3898	4.6000e-004		0.0244	0.0244		0.0228	0.0228	0.0000	42.1110	42.1110	0.0116	0.0000	42.3536
Total	0.0466	0.4910	0.3898	4.6000e-004		0.0244	0.0244		0.0228	0.0228	0.0000	42.1110	42.1110	0.0116	0.0000	42.3536

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
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Category	tons/yr										MT/yr					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.8000e-004	6.6000e-004	6.7300e-003	2.0000e-005	1.3800e-003	1.0000e-005	1.3900e-003	3.7000e-004	1.0000e-005	3.8000e-004	0.0000	1.1868	1.1868	6.0000e-005	0.0000	1.1880
Total	5.8000e-004	6.6000e-004	6.7300e-003	2.0000e-005	1.3800e-003	1.0000e-005	1.3900e-003	3.7000e-004	1.0000e-005	3.8000e-004	0.0000	1.1868	1.1868	6.0000e-005	0.0000	1.1880

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	0.0466	0.4910	0.3898	4.6000e-004		0.0244	0.0244		0.0228	0.0228	0.0000	42.1109	42.1109	0.0116	0.0000	42.3535
Total	0.0466	0.4910	0.3898	4.6000e-004		0.0244	0.0244		0.0228	0.0228	0.0000	42.1109	42.1109	0.0116	0.0000	42.3535

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.8000e-004	6.6000e-004	6.7300e-003	2.0000e-005	1.3800e-003	1.0000e-005	1.3900e-003	3.7000e-004	1.0000e-005	3.8000e-004	0.0000	1.1868	1.1868	6.0000e-005	0.0000	1.1880

Total	5.8000e-004	6.6000e-004	6.7300e-003	2.0000e-005	1.3800e-003	1.0000e-005	1.3900e-003	3.7000e-004	1.0000e-005	3.8000e-004	0.0000	1.1868	1.1868	6.0000e-005	0.0000	1.1880
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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					2.1680	0.0000	2.1680	1.1917	0.0000	1.1917	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5733	6.1328	4.6686	4.6300e-003		0.3264	0.3264		0.3003	0.3003	0.0000	430.3373	430.3373	0.1319	0.0000	433.1063
Total	0.5733	6.1328	4.6686	4.6300e-003	2.1680	0.3264	2.4943	1.1917	0.3003	1.4919	0.0000	430.3373	430.3373	0.1319	0.0000	433.1063

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	7.1600e-003	8.2200e-003	0.0832	2.1000e-004	0.0170	1.3000e-004	0.0172	4.5300e-003	1.2000e-004	4.6500e-003	0.0000	14.6748	14.6748	7.3000e-004	0.0000	14.6901
Total	7.1600e-003	8.2200e-003	0.0832	2.1000e-004	0.0170	1.3000e-004	0.0172	4.5300e-003	1.2000e-004	4.6500e-003	0.0000	14.6748	14.6748	7.3000e-004	0.0000	14.6901

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					2.1680	0.0000	2.1680	1.1917	0.0000	1.1917	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5733	6.1328	4.6685	4.6300e-003		0.3264	0.3264		0.3003	0.3003	0.0000	430.3368	430.3368	0.1319	0.0000	433.1057
Total	0.5733	6.1328	4.6685	4.6300e-003	2.1680	0.3264	2.4943	1.1917	0.3003	1.4919	0.0000	430.3368	430.3368	0.1319	0.0000	433.1057

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	7.1600e-003	8.2200e-003	0.0832	2.1000e-004	0.0170	1.3000e-004	0.0172	4.5300e-003	1.2000e-004	4.6500e-003	0.0000	14.6748	14.6748	7.3000e-004	0.0000	14.6901
Total	7.1600e-003	8.2200e-003	0.0832	2.1000e-004	0.0170	1.3000e-004	0.0172	4.5300e-003	1.2000e-004	4.6500e-003	0.0000	14.6748	14.6748	7.3000e-004	0.0000	14.6901

3.3 Site Preparation - 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					

Fugitive Dust					2.1680	0.0000	2.1680	1.1917	0.0000	1.1917	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.4400e-003	0.0684	0.0544	6.0000e-005		3.5500e-003	3.5500e-003		3.2600e-003	3.2600e-003	0.0000	5.3612	5.3612	1.6700e-003	0.0000	5.3962
Total	6.4400e-003	0.0684	0.0544	6.0000e-005	2.1680	3.5500e-003	2.1715	1.1917	3.2600e-003	1.1949	0.0000	5.3612	5.3612	1.6700e-003	0.0000	5.3962

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	8.0000e-005	9.0000e-005	9.4000e-004	0.0000	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1811	0.1811	1.0000e-005	0.0000	0.1813
Total	8.0000e-005	9.0000e-005	9.4000e-004	0.0000	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1811	0.1811	1.0000e-005	0.0000	0.1813

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					2.1680	0.0000	2.1680	1.1917	0.0000	1.1917	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.4400e-003	0.0684	0.0544	6.0000e-005		3.5500e-003	3.5500e-003		3.2600e-003	3.2600e-003	0.0000	5.3612	5.3612	1.6700e-003	0.0000	5.3962
Total	6.4400e-003	0.0684	0.0544	6.0000e-005	2.1680	3.5500e-003	2.1715	1.1917	3.2600e-003	1.1949	0.0000	5.3612	5.3612	1.6700e-003	0.0000	5.3962

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	8.0000e-005	9.0000e-005	9.4000e-004	0.0000	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1811	0.1811	1.0000e-005	0.0000	0.1813
Total	8.0000e-005	9.0000e-005	9.4000e-004	0.0000	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1811	0.1811	1.0000e-005	0.0000	0.1813

3.4 Grading - 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					
Fugitive Dust					1.6509	0.0000	1.6509	0.5906	0.0000	0.5906	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6824	7.6799	5.4576	7.9600e-003		0.3597	0.3597		0.3309	0.3309	0.0000	727.0648	727.0648	0.2264	0.0000	731.8180
Total	0.6824	7.6799	5.4576	7.9600e-003	1.6509	0.3597	2.0105	0.5906	0.3309	0.9214	0.0000	727.0648	727.0648	0.2264	0.0000	731.8180

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
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Category	tons/yr										MT/yr					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	7.7400e-003	8.9400e-003	0.0903	2.5000e-004	0.0206	1.6000e-004	0.0208	5.4800e-003	1.5000e-004	5.6300e-003	0.0000	17.3051	17.3051	8.3000e-004	0.0000	17.3225
Total	7.7400e-003	8.9400e-003	0.0903	2.5000e-004	0.0206	1.6000e-004	0.0208	5.4800e-003	1.5000e-004	5.6300e-003	0.0000	17.3051	17.3051	8.3000e-004	0.0000	17.3225

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					1.6509	0.0000	1.6509	0.5906	0.0000	0.5906	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6824	7.6799	5.4576	7.9600e-003		0.3597	0.3597		0.3309	0.3309	0.0000	727.0639	727.0639	0.2263	0.0000	731.8172
Total	0.6824	7.6799	5.4576	7.9600e-003	1.6509	0.3597	2.0105	0.5906	0.3309	0.9214	0.0000	727.0639	727.0639	0.2263	0.0000	731.8172

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	7.7400e-003	8.9400e-003	0.0903	2.5000e-004	0.0206	1.6000e-004	0.0208	5.4800e-003	1.5000e-004	5.6300e-003	0.0000	17.3051	17.3051	8.3000e-004	0.0000	17.3225

Total	7.7400e-003	8.9400e-003	0.0903	2.5000e-004	0.0206	1.6000e-004	0.0208	5.4800e-003	1.5000e-004	5.6300e-003	0.0000	17.3051	17.3051	8.3000e-004	0.0000	17.3225
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3.4 Grading - 2019

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					1.6509	0.0000	1.6509	0.5906	0.0000	0.5906	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1272	1.4091	1.0475	1.6000e-003		0.0651	0.0651		0.0599	0.0599	0.0000	144.1463	144.1463	0.0456	0.0000	145.1041
Total	0.1272	1.4091	1.0475	1.6000e-003	1.6509	0.0651	1.7160	0.5906	0.0599	0.6505	0.0000	144.1463	144.1463	0.0456	0.0000	145.1041

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	1.4200e-003	1.6400e-003	0.0166	5.0000e-005	4.1500e-003	3.0000e-005	4.1900e-003	1.1000e-003	3.0000e-005	1.1300e-003	0.0000	3.3645	3.3645	1.6000e-004	0.0000	3.3677
Total	1.4200e-003	1.6400e-003	0.0166	5.0000e-005	4.1500e-003	3.0000e-005	4.1900e-003	1.1000e-003	3.0000e-005	1.1300e-003	0.0000	3.3645	3.3645	1.6000e-004	0.0000	3.3677

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					1.6509	0.0000	1.6509	0.5906	0.0000	0.5906	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1272	1.4091	1.0475	1.6000e-003		0.0651	0.0651		0.0599	0.0599	0.0000	144.1461	144.1461	0.0456	0.0000	145.1039
Total	0.1272	1.4091	1.0475	1.6000e-003	1.6509	0.0651	1.7160	0.5906	0.0599	0.6505	0.0000	144.1461	144.1461	0.0456	0.0000	145.1039

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	1.4200e-003	1.6400e-003	0.0166	5.0000e-005	4.1500e-003	3.0000e-005	4.1900e-003	1.1000e-003	3.0000e-005	1.1300e-003	0.0000	3.3645	3.3645	1.6000e-004	0.0000	3.3677
Total	1.4200e-003	1.6400e-003	0.0166	5.0000e-005	4.1500e-003	3.0000e-005	4.1900e-003	1.1000e-003	3.0000e-005	1.1300e-003	0.0000	3.3645	3.3645	1.6000e-004	0.0000	3.3677

3.5 Building Construction - 2019

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	0.2457	2.1909	1.7891	2.8000e-003		0.1343	0.1343		0.1263	0.1263	0.0000	244.6583	244.6583	0.0595	0.0000	245.9084
Total	0.2457	2.1909	1.7891	2.8000e-003		0.1343	0.1343		0.1263	0.1263	0.0000	244.6583	244.6583	0.0595	0.0000	245.9084

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	0.5603	4.7252	7.3839	0.0157	0.4310	0.0818	0.5128	0.1235	0.0753	0.1987	0.0000	1,357.6876	1,357.6876	0.0109	0.0000	1,357.9166
Worker	0.5178	0.5969	6.0210	0.0186	1.5112	0.0115	1.5228	0.4017	0.0107	0.4124	0.0000	1,223.7866	1,223.7866	0.0567	0.0000	1,224.9768
Total	1.0781	5.3221	13.4049	0.0342	1.9423	0.0933	2.0356	0.5252	0.0859	0.6111	0.0000	2,581.4742	2,581.4742	0.0676	0.0000	2,582.8934

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	0.2457	2.1908	1.7891	2.8000e-003		0.1343	0.1343		0.1263	0.1263	0.0000	244.6580	244.6580	0.0595	0.0000	245.9081
Total	0.2457	2.1908	1.7891	2.8000e-003		0.1343	0.1343		0.1263	0.1263	0.0000	244.6580	244.6580	0.0595	0.0000	245.9081

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	0.5603	4.7252	7.3839	0.0157	0.4310	0.0818	0.5128	0.1235	0.0753	0.1987	0.0000	1,357.6876	1,357.6876	0.0109	0.0000	1,357.9166
Worker	0.5178	0.5969	6.0210	0.0186	1.5112	0.0115	1.5228	0.4017	0.0107	0.4124	0.0000	1,223.7866	1,223.7866	0.0567	0.0000	1,224.9768
Total	1.0781	5.3221	13.4049	0.0342	1.9423	0.0933	2.0356	0.5252	0.0859	0.6111	0.0000	2,581.4742	2,581.4742	0.0676	0.0000	2,582.8934

3.5 Building Construction - 2020

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	0.2766	2.5000	2.2019	3.5100e-003		0.1458	0.1458		0.1371	0.1371	0.0000	302.1514	302.1514	0.0736	0.0000	303.6973
Total	0.2766	2.5000	2.2019	3.5100e-003		0.1458	0.1458		0.1371	0.1371	0.0000	302.1514	302.1514	0.0736	0.0000	303.6973

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
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Category	tons/yr										MT/yr					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.6505	4.9942	8.8946	0.0196	0.5404	0.0899	0.6303	0.1548	0.0827	0.2376	0.0000	1,663.1413	1,663.1413	0.0130	0.0000	1,663.4144
Worker	0.6030	0.6899	6.9742	0.0233	1.8945	0.0144	1.9088	0.5036	0.0133	0.5169	0.0000	1,474.1375	1,474.1375	0.0671	0.0000	1,475.5462
Total	1.2535	5.6841	15.8688	0.0429	2.4349	0.1043	2.5392	0.6584	0.0961	0.7545	0.0000	3,137.2788	3,137.2788	0.0801	0.0000	3,138.9606

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	0.2766	2.5000	2.2019	3.5100e-003		0.1458	0.1458		0.1371	0.1371	0.0000	302.1510	302.1510	0.0736	0.0000	303.6969
Total	0.2766	2.5000	2.2019	3.5100e-003		0.1458	0.1458		0.1371	0.1371	0.0000	302.1510	302.1510	0.0736	0.0000	303.6969

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	0.6505	4.9942	8.8946	0.0196	0.5404	0.0899	0.6303	0.1548	0.0827	0.2376	0.0000	1,663.1413	1,663.1413	0.0130	0.0000	1,663.4144
Worker	0.6030	0.6899	6.9742	0.0233	1.8945	0.0144	1.9088	0.5036	0.0133	0.5169	0.0000	1,474.1375	1,474.1375	0.0671	0.0000	1,475.5462

Total	1.2535	5.6841	15.8688	0.0429	2.4349	0.1043	2.5392	0.6584	0.0961	0.7545	0.0000	3,137.2788	3,137.2788	0.0801	0.0000	3,138.9606
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3.5 Building Construction - 2021

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	0.2471	2.2629	2.1582	3.5000e-003		0.1246	0.1246		0.1172	0.1172	0.0000	301.0339	301.0339	0.0725	0.0000	302.5568
Total	0.2471	2.2629	2.1582	3.5000e-003		0.1246	0.1246		0.1172	0.1172	0.0000	301.0339	301.0339	0.0725	0.0000	302.5568

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	0.6096	4.0274	8.5292	0.0195	0.5384	0.0788	0.6173	0.1543	0.0725	0.2268	0.0000	1,654.3609	1,654.3609	0.0128	0.0000	1,654.6288
Worker	0.5659	0.6415	6.5286	0.0232	1.8872	0.0144	1.9017	0.5016	0.0134	0.5150	0.0000	1,448.4773	1,448.4773	0.0641	0.0000	1,449.8244
Total	1.1755	4.6689	15.0578	0.0427	2.4257	0.0933	2.5189	0.6559	0.0859	0.7418	0.0000	3,102.8382	3,102.8382	0.0769	0.0000	3,104.4531

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	0.2471	2.2629	2.1582	3.5000e-003		0.1246	0.1246		0.1172	0.1172	0.0000	301.0335	301.0335	0.0725	0.0000	302.5565
Total	0.2471	2.2629	2.1582	3.5000e-003		0.1246	0.1246		0.1172	0.1172	0.0000	301.0335	301.0335	0.0725	0.0000	302.5565

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	0.6096	4.0274	8.5292	0.0195	0.5384	0.0788	0.6173	0.1543	0.0725	0.2268	0.0000	1,654.3609	1,654.3609	0.0128	0.0000	1,654.6288
Worker	0.5659	0.6415	6.5286	0.0232	1.8872	0.0144	1.9017	0.5016	0.0134	0.5150	0.0000	1,448.4773	1,448.4773	0.0641	0.0000	1,449.8244
Total	1.1755	4.6689	15.0578	0.0427	2.4257	0.0933	2.5189	0.6559	0.0859	0.7418	0.0000	3,102.8382	3,102.8382	0.0769	0.0000	3,104.4531

3.5 Building Construction - 2022

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	0.2209	2.0197	2.1226	3.4900e-003		0.1047	0.1047		0.0986	0.0986	0.0000	299.9946	299.9946	0.0718	0.0000	301.5017
Total	0.2209	2.0197	2.1226	3.4900e-003		0.1047	0.1047		0.0986	0.0986	0.0000	299.9946	299.9946	0.0718	0.0000	301.5017

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	0.5928	3.5421	8.2742	0.0194	0.5365	0.0769	0.6134	0.1537	0.0708	0.2245	0.0000	1,646.6881	1,646.6881	0.0129	0.0000	1,646.9588
Worker	0.5325	0.5995	6.1145	0.0231	1.8800	0.0144	1.8944	0.4997	0.0134	0.5131	0.0000	1,422.1159	1,422.1159	0.0612	0.0000	1,423.4019
Total	1.1253	4.1415	14.3887	0.0425	2.4165	0.0913	2.5078	0.6534	0.0841	0.7376	0.0000	3,068.8040	3,068.8040	0.0741	0.0000	3,070.3606

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	0.2209	2.0197	2.1226	3.4900e-003		0.1047	0.1047		0.0986	0.0986	0.0000	299.9943	299.9943	0.0718	0.0000	301.5013
Total	0.2209	2.0197	2.1226	3.4900e-003		0.1047	0.1047		0.0986	0.0986	0.0000	299.9943	299.9943	0.0718	0.0000	301.5013

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	0.5928	3.5421	8.2742	0.0194	0.5365	0.0769	0.6134	0.1537	0.0708	0.2245	0.0000	1,646.6881	1,646.6881	0.0129	0.0000	1,646.9588
Worker	0.5325	0.5995	6.1145	0.0231	1.8800	0.0144	1.8944	0.4997	0.0134	0.5131	0.0000	1,422.1159	1,422.1159	0.0612	0.0000	1,423.4019
Total	1.1253	4.1415	14.3887	0.0425	2.4165	0.0913	2.5078	0.6534	0.0841	0.7376	0.0000	3,068.8040	3,068.8040	0.0741	0.0000	3,070.3606

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2036	1.8606	2.1072	3.4900e-003		0.0906	0.0906		0.0852	0.0852	0.0000	300.0980	300.0980	0.0713	0.0000	301.5949
Total	0.2036	1.8606	2.1072	3.4900e-003		0.0906	0.0906		0.0852	0.0852	0.0000	300.0980	300.0980	0.0713	0.0000	301.5949

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
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Category	tons/yr										MT/yr					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5365	3.0485	7.7211	0.0194	0.5366	0.0716	0.6081	0.1538	0.0658	0.2196	0.0000	1,643.6402	1,643.6402	0.0119	0.0000	1,643.8906
Worker	0.5040	0.5648	5.7624	0.0231	1.8800	0.0144	1.8944	0.4997	0.0134	0.5131	0.0000	1,403.5279	1,403.5279	0.0589	0.0000	1,404.7650
Total	1.0405	3.6133	13.4835	0.0425	2.4166	0.0860	2.5025	0.6535	0.0792	0.7327	0.0000	3,047.1681	3,047.1681	0.0708	0.0000	3,048.6556

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	0.2036	1.8606	2.1072	3.4900e-003		0.0906	0.0906		0.0852	0.0852	0.0000	300.0976	300.0976	0.0713	0.0000	301.5946
Total	0.2036	1.8606	2.1072	3.4900e-003		0.0906	0.0906		0.0852	0.0852	0.0000	300.0976	300.0976	0.0713	0.0000	301.5946

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	0.5365	3.0485	7.7211	0.0194	0.5366	0.0716	0.6081	0.1538	0.0658	0.2196	0.0000	1,643.6402	1,643.6402	0.0119	0.0000	1,643.8906
Worker	0.5040	0.5648	5.7624	0.0231	1.8800	0.0144	1.8944	0.4997	0.0134	0.5131	0.0000	1,403.5279	1,403.5279	0.0589	0.0000	1,404.7650

Total	1.0405	3.6133	13.4835	0.0425	2.4166	0.0860	2.5025	0.6535	0.0792	0.7327	0.0000	3,047.168 1	3,047.1681	0.0708	0.0000	3,048.6556
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3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1920	1.7524	2.1135	3.5200e-003		0.0800	0.0800		0.0752	0.0752	0.0000	302.4646	302.4646	0.0714	0.0000	303.9643
Total	0.1920	1.7524	2.1135	3.5200e-003		0.0800	0.0800		0.0752	0.0752	0.0000	302.4646	302.4646	0.0714	0.0000	303.9643

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	0.5261	3.0629	7.5598	0.0195	0.5408	0.0725	0.6133	0.1550	0.0667	0.2217	0.0000	1,656.706 0	1,656.7060	0.0121	0.0000	1,656.9591
Worker	0.4829	0.5395	5.5317	0.0233	1.8945	0.0146	1.9091	0.5036	0.0136	0.5171	0.0000	1,398.420 4	1,398.4204	0.0576	0.0000	1,399.6291
Total	1.0089	3.6024	13.0914	0.0428	2.4353	0.0871	2.5223	0.6586	0.0802	0.7388	0.0000	3,055.126 4	3,055.1264	0.0696	0.0000	3,056.5883

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	0.1920	1.7524	2.1135	3.5200e-003		0.0800	0.0800		0.0752	0.0752	0.0000	302.4642	302.4642	0.0714	0.0000	303.9639
Total	0.1920	1.7524	2.1135	3.5200e-003		0.0800	0.0800		0.0752	0.0752	0.0000	302.4642	302.4642	0.0714	0.0000	303.9639

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	0.5261	3.0629	7.5598	0.0195	0.5408	0.0725	0.6133	0.1550	0.0667	0.2217	0.0000	1,656.7060	1,656.7060	0.0121	0.0000	1,656.9591
Worker	0.4829	0.5395	5.5317	0.0233	1.8945	0.0146	1.9091	0.5036	0.0136	0.5171	0.0000	1,398.4204	1,398.4204	0.0576	0.0000	1,399.6291
Total	1.0089	3.6024	13.0914	0.0428	2.4353	0.0871	2.5223	0.6586	0.0802	0.7388	0.0000	3,055.1264	3,055.1264	0.0696	0.0000	3,056.5883

3.5 Building Construction - 2025

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	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4019	301.4019	0.0707	0.0000	302.8874
Total	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4019	301.4019	0.0707	0.0000	302.8874

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	0.5194	3.0447	7.4306	0.0194	0.5388	0.0725	0.6113	0.1544	0.0667	0.2211	0.0000	1,650.7791	1,650.7791	0.0120	0.0000	1,651.0319
Worker	0.4601	0.5128	5.2730	0.0232	1.8872	0.0147	1.9019	0.5016	0.0136	0.5152	0.0000	1,378.9398	1,378.9398	0.0557	0.0000	1,380.1092
Total	0.9795	3.5575	12.7036	0.0427	2.4261	0.0871	2.5132	0.6561	0.0803	0.7364	0.0000	3,029.7189	3,029.7189	0.0677	0.0000	3,031.1411

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	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4015	301.4015	0.0707	0.0000	302.8871
Total	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4015	301.4015	0.0707	0.0000	302.8871

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	0.5194	3.0447	7.4306	0.0194	0.5388	0.0725	0.6113	0.1544	0.0667	0.2211	0.0000	1,650.7791	1,650.7791	0.0120	0.0000	1,651.0319
Worker	0.4601	0.5128	5.2730	0.0232	1.8872	0.0147	1.9019	0.5016	0.0136	0.5152	0.0000	1,378.9398	1,378.9398	0.0557	0.0000	1,380.1092
Total	0.9795	3.5575	12.7036	0.0427	2.4261	0.0871	2.5132	0.6561	0.0803	0.7364	0.0000	3,029.7189	3,029.7189	0.0677	0.0000	3,031.1411

3.5 Building Construction - 2026

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	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4019	301.4019	0.0707	0.0000	302.8874
Total	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4019	301.4019	0.0707	0.0000	302.8874

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
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Category	tons/yr										MT/yr					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5080	3.0201	7.2687	0.0194	0.5389	0.0720	0.6110	0.1545	0.0663	0.2208	0.0000	1,651.1220	1,651.1220	0.0120	0.0000	1,651.3736
Worker	0.4404	0.4915	5.0354	0.0233	1.8872	0.0147	1.9019	0.5016	0.0136	0.5153	0.0000	1,368.2855	1,368.2855	0.0539	0.0000	1,369.4182
Total	0.9484	3.5116	12.3041	0.0427	2.4262	0.0867	2.5129	0.6561	0.0799	0.7360	0.0000	3,019.4075	3,019.4075	0.0659	0.0000	3,020.7918

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	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4015	301.4015	0.0707	0.0000	302.8871
Total	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4015	301.4015	0.0707	0.0000	302.8871

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	0.5080	3.0201	7.2687	0.0194	0.5389	0.0720	0.6110	0.1545	0.0663	0.2208	0.0000	1,651.1220	1,651.1220	0.0120	0.0000	1,651.3736
Worker	0.4404	0.4915	5.0354	0.0233	1.8872	0.0147	1.9019	0.5016	0.0136	0.5153	0.0000	1,368.2855	1,368.2855	0.0539	0.0000	1,369.4182

Total	0.9484	3.5116	12.3041	0.0427	2.4262	0.0867	2.5129	0.6561	0.0799	0.7360	0.0000	3,019.4075	3,019.4075	0.0659	0.0000	3,020.7918
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3.5 Building Construction - 2027

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	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4019	301.4019	0.0707	0.0000	302.8874
Total	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4019	301.4019	0.0707	0.0000	302.8874

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	0.5057	3.0120	7.2233	0.0194	0.5390	0.0722	0.6112	0.1545	0.0664	0.2209	0.0000	1,651.5784	1,651.5784	0.0120	0.0000	1,651.8304
Worker	0.4227	0.4725	4.8544	0.0233	1.8872	0.0148	1.9020	0.5016	0.0137	0.5154	0.0000	1,357.6438	1,357.6438	0.0526	0.0000	1,358.7488
Total	0.9284	3.4845	12.0778	0.0427	2.4263	0.0870	2.5132	0.6562	0.0801	0.7363	0.0000	3,009.2221	3,009.2221	0.0646	0.0000	3,010.5791

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	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4015	301.4015	0.0707	0.0000	302.8871
Total	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4015	301.4015	0.0707	0.0000	302.8871

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	0.5057	3.0120	7.2233	0.0194	0.5390	0.0722	0.6112	0.1545	0.0664	0.2209	0.0000	1,651.5784	1,651.5784	0.0120	0.0000	1,651.8304
Worker	0.4227	0.4725	4.8544	0.0233	1.8872	0.0148	1.9020	0.5016	0.0137	0.5154	0.0000	1,357.6438	1,357.6438	0.0526	0.0000	1,358.7488
Total	0.9284	3.4845	12.0778	0.0427	2.4263	0.0870	2.5132	0.6562	0.0801	0.7363	0.0000	3,009.2221	3,009.2221	0.0646	0.0000	3,010.5791

3.5 Building Construction - 2028

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	0.1770	1.6133	2.0867	3.4900e-003		0.0683	0.0683		0.0642	0.0642	0.0000	300.2471	300.2471	0.0705	0.0000	301.7269
Total	0.1770	1.6133	2.0867	3.4900e-003		0.0683	0.0683		0.0642	0.0642	0.0000	300.2471	300.2471	0.0705	0.0000	301.7269

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	0.5031	2.9911	7.1608	0.0194	0.5371	0.0718	0.6089	0.1540	0.0661	0.2201	0.0000	1,645.6494	1,645.6494	0.0120	0.0000	1,645.9003
Worker	0.4044	0.4535	4.6753	0.0232	1.8800	0.0148	1.8948	0.4997	0.0138	0.5135	0.0000	1,343.3613	1,343.3613	0.0512	0.0000	1,344.4370
Total	0.9075	3.4446	11.8361	0.0425	2.4171	0.0867	2.5037	0.6537	0.0799	0.7335	0.0000	2,989.0106	2,989.0106	0.0632	0.0000	2,990.3373

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	0.1770	1.6133	2.0867	3.4900e-003		0.0683	0.0683		0.0642	0.0642	0.0000	300.2467	300.2467	0.0705	0.0000	301.7266
Total	0.1770	1.6133	2.0867	3.4900e-003		0.0683	0.0683		0.0642	0.0642	0.0000	300.2467	300.2467	0.0705	0.0000	301.7266

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	0.5031	2.9911	7.1608	0.0194	0.5371	0.0718	0.6089	0.1540	0.0661	0.2201	0.0000	1,645.6494	1,645.6494	0.0120	0.0000	1,645.9003
Worker	0.4044	0.4535	4.6753	0.0232	1.8800	0.0148	1.8948	0.4997	0.0138	0.5135	0.0000	1,343.3613	1,343.3613	0.0512	0.0000	1,344.4370
Total	0.9075	3.4446	11.8361	0.0425	2.4171	0.0867	2.5037	0.6537	0.0799	0.7335	0.0000	2,989.0106	2,989.0106	0.0632	0.0000	2,990.3373

3.5 Building Construction - 2029

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	0.0368	0.3351	0.4334	7.2000e-004		0.0142	0.0142		0.0133	0.0133	0.0000	62.3590	62.3590	0.0146	0.0000	62.6664
Total	0.0368	0.3351	0.4334	7.2000e-004		0.0142	0.0142		0.0133	0.0133	0.0000	62.3590	62.3590	0.0146	0.0000	62.6664

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
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Category	tons/yr										MT/yr						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1041	0.6199	1.4785	4.0200e-003	0.1116	0.0149	0.1265	0.0320	0.0137	0.0457	0.0000	341.8636	341.8636	2.4800e-003	0.0000	341.9158	
Worker	0.0806	0.0908	0.9397	4.8100e-003	0.3905	3.0900e-003	0.3936	0.1038	2.8700e-003	0.1067	0.0000	277.3973	277.3973	0.0104	0.0000	277.6158	
Total	0.1847	0.7107	2.4182	8.8300e-003	0.5020	0.0180	0.5200	0.1358	0.0166	0.1524	0.0000	619.2609	619.2609	0.0129	0.0000	619.5315	

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	0.0368	0.3351	0.4334	7.2000e-004		0.0142	0.0142		0.0133	0.0133	0.0000	62.3589	62.3589	0.0146	0.0000	62.6663
Total	0.0368	0.3351	0.4334	7.2000e-004		0.0142	0.0142		0.0133	0.0133	0.0000	62.3589	62.3589	0.0146	0.0000	62.6663

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	0.1041	0.6199	1.4785	4.0200e-003	0.1116	0.0149	0.1265	0.0320	0.0137	0.0457	0.0000	341.8636	341.8636	2.4800e-003	0.0000	341.9158
Worker	0.0806	0.0908	0.9397	4.8100e-003	0.3905	3.0900e-003	0.3936	0.1038	2.8700e-003	0.1067	0.0000	277.3973	277.3973	0.0104	0.0000	277.6158

Total	0.1847	0.7107	2.4182	8.8300e-003	0.5020	0.0180	0.5200	0.1358	0.0166	0.1524	0.0000	619.2609	619.2609	0.0129	0.0000	619.5315
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3.6 Paving - 2029

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	0.0929	0.8716	1.4778	2.3100e-003		0.0425	0.0425		0.0391	0.0391	0.0000	202.7911	202.7911	0.0656	0.0000	204.1685
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0929	0.8716	1.4778	2.3100e-003		0.0425	0.0425		0.0391	0.0391	0.0000	202.7911	202.7911	0.0656	0.0000	204.1685

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	2.5600e-003	2.8900e-003	0.0299	1.5000e-004	0.0124	1.0000e-004	0.0125	3.3000e-003	9.0000e-005	3.3900e-003	0.0000	8.8123	8.8123	3.3000e-004	0.0000	8.8193
Total	2.5600e-003	2.8900e-003	0.0299	1.5000e-004	0.0124	1.0000e-004	0.0125	3.3000e-003	9.0000e-005	3.3900e-003	0.0000	8.8123	8.8123	3.3000e-004	0.0000	8.8193

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	0.0929	0.8716	1.4778	2.3100e-003		0.0425	0.0425		0.0391	0.0391	0.0000	202.7909	202.7909	0.0656	0.0000	204.1682
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0929	0.8716	1.4778	2.3100e-003		0.0425	0.0425		0.0391	0.0391	0.0000	202.7909	202.7909	0.0656	0.0000	204.1682

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	2.5600e-003	2.8900e-003	0.0299	1.5000e-004	0.0124	1.0000e-004	0.0125	3.3000e-003	9.0000e-005	3.3900e-003	0.0000	8.8123	8.8123	3.3000e-004	0.0000	8.8193
Total	2.5600e-003	2.8900e-003	0.0299	1.5000e-004	0.0124	1.0000e-004	0.0125	3.3000e-003	9.0000e-005	3.3900e-003	0.0000	8.8123	8.8123	3.3000e-004	0.0000	8.8193

3.6 Paving - 2030

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	0.1579	0.8132	1.8080	3.2000e-003		0.0377	0.0377		0.0377	0.0377	0.0000	274.7848	274.7848	0.0129	0.0000	275.0553
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1579	0.8132	1.8080	3.2000e-003		0.0377	0.0377		0.0377	0.0377	0.0000	274.7848	274.7848	0.0129	0.0000	275.0553

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	2.7700e-003	3.1400e-003	0.0326	1.7000e-004	0.0140	1.1000e-004	0.0141	3.7100e-003	1.0000e-004	3.8100e-003	0.0000	9.8707	9.8707	3.6000e-004	0.0000	9.8783
Total	2.7700e-003	3.1400e-003	0.0326	1.7000e-004	0.0140	1.1000e-004	0.0141	3.7100e-003	1.0000e-004	3.8100e-003	0.0000	9.8707	9.8707	3.6000e-004	0.0000	9.8783

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	0.1579	0.8132	1.8080	3.2000e-003		0.0377	0.0377		0.0377	0.0377	0.0000	274.7845	274.7845	0.0129	0.0000	275.0550
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1579	0.8132	1.8080	3.2000e-003		0.0377	0.0377		0.0377	0.0377	0.0000	274.7845	274.7845	0.0129	0.0000	275.0550

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	2.7700e-003	3.1400e-003	0.0326	1.7000e-004	0.0140	1.1000e-004	0.0141	3.7100e-003	1.0000e-004	3.8100e-003	0.0000	9.8707	9.8707	3.6000e-004	0.0000	9.8783
Total	2.7700e-003	3.1400e-003	0.0326	1.7000e-004	0.0140	1.1000e-004	0.0141	3.7100e-003	1.0000e-004	3.8100e-003	0.0000	9.8707	9.8707	3.6000e-004	0.0000	9.8783

3.7 Architectural Coating - 2030

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	2.6319					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.8300e-003	0.0120	0.0252	4.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004	0.0000	3.5746	3.5746	1.4000e-004	0.0000	3.5776
Total	2.6337	0.0120	0.0252	4.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004	0.0000	3.5746	3.5746	1.4000e-004	0.0000	3.5776

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
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Category	tons/yr										MT/yr					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	8.0300e-003	9.1100e-003	0.0946	5.0000e-004	0.0405	3.2000e-004	0.0408	0.0108	3.0000e-004	0.0111	0.0000	28.6264	28.6264	1.0600e-003	0.0000	28.6486
Total	8.0300e-003	9.1100e-003	0.0946	5.0000e-004	0.0405	3.2000e-004	0.0408	0.0108	3.0000e-004	0.0111	0.0000	28.6264	28.6264	1.0600e-003	0.0000	28.6486

Mitigated Construction On-Site

Category	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
	tons/yr										MT/yr					
Archit. Coating	2.6319					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.8300e-003	0.0120	0.0252	4.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004	0.0000	3.5746	3.5746	1.4000e-004	0.0000	3.5776
Total	2.6337	0.0120	0.0252	4.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004	0.0000	3.5746	3.5746	1.4000e-004	0.0000	3.5776

Mitigated Construction Off-Site

Category	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
	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	8.0300e-003	9.1100e-003	0.0946	5.0000e-004	0.0405	3.2000e-004	0.0408	0.0108	3.0000e-004	0.0111	0.0000	28.6264	28.6264	1.0600e-003	0.0000	28.6486

Total	8.0300e-003	9.1100e-003	0.0946	5.0000e-004	0.0405	3.2000e-004	0.0408	0.0108	3.0000e-004	0.0111	0.0000	28.6264	28.6264	1.0600e-003	0.0000	28.6486
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3.7 Architectural Coating - 2031

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	24.5330					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0171	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	33.3200	33.3200	1.3500e-003	0.0000	33.3483
Total	24.5501	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	33.3200	33.3200	1.3500e-003	0.0000	33.3483

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	0.0719	0.0822	0.8587	4.6500e-003	0.3775	3.0000e-003	0.3805	0.1003	2.7800e-003	0.1031	0.0000	265.7481	265.7481	9.6800e-003	0.0000	265.9512
Total	0.0719	0.0822	0.8587	4.6500e-003	0.3775	3.0000e-003	0.3805	0.1003	2.7800e-003	0.1031	0.0000	265.7481	265.7481	9.6800e-003	0.0000	265.9512

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	24.5330					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0171	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	33.3199	33.3199	1.3500e-003	0.0000	33.3482
Total	24.5501	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	33.3199	33.3199	1.3500e-003	0.0000	33.3482

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	0.0719	0.0822	0.8587	4.6500e-003	0.3775	3.0000e-003	0.3805	0.1003	2.7800e-003	0.1031	0.0000	265.7481	265.7481	9.6800e-003	0.0000	265.9512
Total	0.0719	0.0822	0.8587	4.6500e-003	0.3775	3.0000e-003	0.3805	0.1003	2.7800e-003	0.1031	0.0000	265.7481	265.7481	9.6800e-003	0.0000	265.9512

3.7 Architectural Coating - 2032

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	14.1934					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.8700e-003	0.0647	0.1357	2.2000e-004		1.5300e-003	1.5300e-003		1.5300e-003	1.5300e-003	0.0000	19.2771	19.2771	7.8000e-004	0.0000	19.2935
Total	14.2033	0.0647	0.1357	2.2000e-004		1.5300e-003	1.5300e-003		1.5300e-003	1.5300e-003	0.0000	19.2771	19.2771	7.8000e-004	0.0000	19.2935

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	0.0399	0.0462	0.4853	2.6900e-003	0.2184	1.7400e-003	0.2201	0.0580	1.6100e-003	0.0597	0.0000	153.2223	153.2223	5.5100e-003	0.0000	153.3379
Total	0.0399	0.0462	0.4853	2.6900e-003	0.2184	1.7400e-003	0.2201	0.0580	1.6100e-003	0.0597	0.0000	153.2223	153.2223	5.5100e-003	0.0000	153.3379

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	14.1934					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.8700e-003	0.0647	0.1357	2.2000e-004		1.5300e-003	1.5300e-003		1.5300e-003	1.5300e-003	0.0000	19.2770	19.2770	7.8000e-004	0.0000	19.2934
Total	14.2033	0.0647	0.1357	2.2000e-004		1.5300e-003	1.5300e-003		1.5300e-003	1.5300e-003	0.0000	19.2770	19.2770	7.8000e-004	0.0000	19.2934

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	0.0399	0.0462	0.4853	2.6900e-003	0.2184	1.7400e-003	0.2201	0.0580	1.6100e-003	0.0597	0.0000	153.2223	153.2223	5.5100e-003	0.0000	153.3379
Total	0.0399	0.0462	0.4853	2.6900e-003	0.2184	1.7400e-003	0.2201	0.0580	1.6100e-003	0.0597	0.0000	153.2223	153.2223	5.5100e-003	0.0000	153.3379

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	22.9332	69.1316	237.7823	0.5245	31.4740	0.9893	32.4634	8.4408	0.9109	9.3517	0.0000	39,837.0100	39,837.0100	1.4024	0.0000	39,866.4596
Unmitigated	22.9332	69.1316	237.7823	0.5245	31.4740	0.9893	32.4634	8.4408	0.9109	9.3517	0.0000	39,837.0100	39,837.0100	1.4024	0.0000	39,866.4596

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT

Apartments Low Rise	784.70	844.88	716.26	2,296,467	2,296,467
Apartments Mid Rise	1,197.00	1,288.80	1092.60	3,503,085	3,503,085
City Park	61.22	61.22	61.22	130,685	130,685
Elementary School	516.00	0.00	0.00	812,678	812,678
General Light Industry	11,227.88	1,191.38	613.74	24,167,106	24,167,106
General Office Building	1,618.83	214.22	88.58	2,866,663	2,866,663
Regional Shopping Center	11,925.98	13,956.47	7049.46	20,197,029	20,197,029
Single Family Housing	523.60	554.40	482.35	1,530,276	1,530,276
Single Family Housing	9,520.00	10,080.00	8770.00	27,823,200	27,823,200
Total	37,375.21	28,191.37	18,874.20	83,327,189	83,327,189

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	48.40	13.90	37.70	86	11	3
Apartments Mid Rise	10.80	7.30	7.50	48.40	13.90	37.70	86	11	3
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Elementary School	9.50	7.30	7.30	65.00	30.00	5.00	63	25	12
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Regional Shopping Center	9.50	7.30	7.30	16.30	64.70	19.00	54	35	11
Single Family Housing	10.80	7.30	7.50	48.40	13.90	37.70	86	11	3
Single Family Housing	10.80	7.30	7.50	48.40	13.90	37.70	86	11	3

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.435645	0.065590	0.158610	0.181188	0.054616	0.007833	0.019470	0.064481	0.001777	0.001153	0.006200	0.000656	0.002782

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated							0.0000	0.0000		0.0000	0.0000	6,300.4668	6,300.4668	0.2849	0.0589	6,324.7217
Electricity Unmitigated							0.0000	0.0000		0.0000	0.0000	6,300.4668	6,300.4668	0.2849	0.0589	6,324.7217
Natural Gas Mitigated	0.3331	2.9192	1.7476	0.0182		0.2301	0.2301		0.2301	0.2301	0.0000	3,296.0352	3,296.0352	0.0632	0.0604	3,316.0943
Natural Gas Unmitigated	0.3331	2.9192	1.7476	0.0182		0.2301	0.2301		0.2301	0.2301	0.0000	3,296.0352	3,296.0352	0.0632	0.0604	3,316.0943

5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas 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					
Apartments Low Rise	1.7398e+06	9.3800e-003	0.0802	0.0341	5.1000e-004		6.4800e-003	6.4800e-003		6.4800e-003	6.4800e-003	0.0000	92.8424	92.8424	1.7800e-003	1.7000e-003	93.4075
Apartments Mid Rise	2.0888e+06	0.0113	0.0963	0.0410	6.1000e-004		7.7800e-003	7.7800e-003		7.7800e-003	7.7800e-003	0.0000	111.4697	111.4697	2.1400e-003	2.0400e-003	112.1481
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Elementary School	880511	4.7500e-003	0.0432	0.0363	2.6000e-004		3.2800e-003	3.2800e-003		3.2800e-003	3.2800e-003	0.0000	46.9874	46.9874	9.0000e-004	8.6000e-004	47.2734
General Light Industry	1.96398e+07	0.1059	0.9627	0.8087	5.7800e-003		0.0732	0.0732		0.0732	0.0732	0.0000	1,048.0530	1,048.0530	0.0201	0.0192	1,054.4312
General Office Building	1.24011e+06	6.6900e-003	0.0608	0.0511	3.6000e-004		4.6200e-003	4.6200e-003		4.6200e-003	4.6200e-003	0.0000	66.1770	66.1770	1.2700e-003	1.2100e-003	66.5797
Regional Shopping Center	3.11416e+06	0.0168	0.1527	0.1282	9.2000e-004		0.0116	0.0116		0.0116	0.0116	0.0000	166.1835	166.1835	3.1900e-003	3.0500e-003	167.1949
Single Family Housing	1.72362e+06	9.2900e-003	0.0794	0.0338	5.1000e-004		6.4200e-003	6.4200e-003		6.4200e-003	6.4200e-003	0.0000	91.9789	91.9789	1.7600e-003	1.6900e-003	92.5387
Single Family Housing	3.13385e+07	0.1690	1.4440	0.6145	9.2200e-003		0.1168	0.1168		0.1168	0.1168	0.0000	1,672.3433	1,672.3433	0.0321	0.0307	1,682.5209
Total		0.3330	2.9192	1.7476	0.0182		0.2301	0.2301		0.2301	0.2301	0.0000	3,296.0352	3,296.0352	0.0632	0.0604	3,316.0943

Mitigated

	Natural Gas 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					
Apartments Mid Rise	2.08886e+006	0.0113	0.0963	0.0410	6.1000e-004		7.7800e-003	7.7800e-003		7.7800e-003	7.7800e-003	0.0000	111.4697	111.4697	2.1400e-003	2.0400e-003	112.1481
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Elementary School	880511	4.7500e-003	0.0432	0.0363	2.6000e-004		3.2800e-003	3.2800e-003		3.2800e-003	3.2800e-003	0.0000	46.9874	46.9874	9.0000e-004	8.6000e-004	47.2734
General Light Industry	1.96398e+007	0.1059	0.9627	0.8087	5.7800e-003		0.0732	0.0732		0.0732	0.0732	0.0000	1,048.0530	1,048.0530	0.0201	0.0192	1,054.4312
General Office Building	1.24011e+006	6.6900e-003	0.0608	0.0511	3.6000e-004		4.6200e-003	4.6200e-003		4.6200e-003	4.6200e-003	0.0000	66.1770	66.1770	1.2700e-003	1.2100e-003	66.5797
Regional Shopping Center	3.11416e+006	0.0168	0.1527	0.1282	9.2000e-004		0.0116	0.0116		0.0116	0.0116	0.0000	166.1835	166.1835	3.1900e-003	3.0500e-003	167.1949
Single Family Housing	1.72362e+006	9.2900e-003	0.0794	0.0338	5.1000e-004		6.4200e-003	6.4200e-003		6.4200e-003	6.4200e-003	0.0000	91.9789	91.9789	1.7600e-003	1.6900e-003	92.5387
Single Family Housing	3.13385e+007	0.1690	1.4440	0.6145	9.2200e-003		0.1168	0.1168		0.1168	0.1168	0.0000	1,672.3433	1,672.3433	0.0321	0.0307	1,682.5209
Apartments Low Rise	1.7398e+006	9.3800e-003	0.0802	0.0341	5.1000e-004		6.4800e-003	6.4800e-003		6.4800e-003	6.4800e-003	0.0000	92.8424	92.8424	1.7800e-003	1.7000e-003	93.4075
Total		0.3330	2.9192	1.7476	0.0182		0.2301	0.2301		0.2301	0.2301	0.0000	3,296.0352	3,296.0352	0.0632	0.0604	3,316.0943

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	453350	131.8847	5.9600e-003	1.2300e-003	132.3925

Apartments Mid Rise	670133	194.9493	8.8200e-003	1.8200e-003	195.6998
City Park	0	0.0000	0.0000	0.0000	0.0000
Elementary School	265524	77.2441	3.4900e-003	7.2000e-004	77.5414
General Light Industry	8.71876e+006	2,536.3868	0.1147	0.0237	2,546.1512
General Office Building	914716	266.1015	0.0120	2.4900e-003	267.1259
Regional Shopping Center	2.54998e+006	741.8189	0.0335	6.9400e-003	744.6747
Single Family Housing	421504	122.6204	5.5400e-003	1.1500e-003	123.0924
Single Family Housing	7.66371e+006	2,229.4611	0.1008	0.0209	2,238.0439
Total		6,300.4668	0.2849	0.0589	6,324.7217

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	453350	131.8847	5.9600e-003	1.2300e-003	132.3925
Apartments Mid Rise	670133	194.9493	8.8200e-003	1.8200e-003	195.6998
City Park	0	0.0000	0.0000	0.0000	0.0000
Elementary School	265524	77.2441	3.4900e-003	7.2000e-004	77.5414
General Light Industry	8.71876e+006	2,536.3868	0.1147	0.0237	2,546.1512
General Office Building	914716	266.1015	0.0120	2.4900e-003	267.1259
Regional Shopping Center	2.54998e+006	741.8189	0.0335	6.9400e-003	744.6747
Single Family Housing	421504	122.6204	5.5400e-003	1.1500e-003	123.0924

Single Family Housing	7.66371e+006	2,229.4611	0.1008	0.0209	2,238.0439
Total		6,300.4668	0.2849	0.0589	6,324.7217

6.0 Area Detail

6.1 Mitigation Measures Area

	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	24.7715	0.1156	10.0323	5.3000e-004		0.1286	0.1286		0.1278	0.1278	0.0000	1,059.6042	1,059.6042	0.0357	0.0191	1,066.2825
Unmitigated	24.7715	0.1156	10.0323	5.3000e-004		0.1286	0.1286		0.1278	0.1278	0.0000	1,059.6042	1,059.6042	0.0357	0.0191	1,066.2825

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	4.1358					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	20.2295					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.1054	0.0000	5.7500e-003	0.0000		0.0728	0.0728		0.0721	0.0721	0.0000	1,043.1634	1,043.1634	0.0200	0.0191	1,049.5119
Landscaping	0.3008	0.1156	10.0265	5.3000e-004		0.0558	0.0558		0.0558	0.0558	0.0000	16.4408	16.4408	0.0157	0.0000	16.7705

Total	24.7715	0.1156	10.0323	5.3000e-004		0.1286	0.1286		0.1278	0.1278	0.0000	1,059.6042	1,059.6042	0.0357	0.0191	1,066.2825
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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	4.1358					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	20.2295					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.1054	0.0000	5.7500e-003	0.0000		0.0728	0.0728		0.0721	0.0721	0.0000	1,043.1634	1,043.1634	0.0200	0.0191	1,049.5119
Landscaping	0.3008	0.1156	10.0265	5.3000e-004		0.0558	0.0558		0.0558	0.0558	0.0000	16.4408	16.4408	0.0157	0.0000	16.7705
Total	24.7715	0.1156	10.0323	5.3000e-004		0.1286	0.1286		0.1278	0.1278	0.0000	1,059.6042	1,059.6042	0.0357	0.0191	1,066.2825

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	761.6103	10.9304	0.2632	1,072.7276
Unmitigated	761.6103	10.9324	0.2636	1,072.8969

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	7.68818 / 4.84689	19.4763	0.2513	6.0700e-003	26.6365
Apartments Mid Rise	11.7277 / 7.39357	29.7096	0.3833	9.2700e-003	40.6320
City Park	0 / 45.872	46.7065	2.1100e-003	4.4000e-004	46.8863
Elementary School	0.969696 / 2.4935	4.3729	0.0318	7.8000e-004	5.2834
General Light Industry	208.717 / 0	394.7623	6.8159	0.1637	588.6312
General Office Building	16.0654 / 9.84651	40.4112	0.5251	0.0127	55.3723
Regional Shopping Center	20.6885 / 12.68	52.0403	0.6762	0.0163	71.3067
Single Family Housing	68.7375 / 43.3345	174.1312	2.2467	0.0543	238.1486
Total		761.6103	10.9324	0.2636	1,072.8969

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	7.68818 / 4.84689	19.4763	0.2512	6.0700e-003	26.6326
Apartments Mid Rise	11.7277 / 7.39357	29.7096	0.3833	9.2500e-003	40.6261
City Park	0 / 45.872	46.7065	2.1100e-003	4.4000e-004	46.8863

Elementary School	0.969696 / 2.4935	4.3729	0.0318	7.8000e-004	5.2829
General Light Industry	208.717 / 0	394.7623	6.8147	0.1634	588.5255
General Office Building	16.0654 / 9.84651	40.4112	0.5250	0.0127	55.3642
Regional Shopping Center	20.6885 / 12.68	52.0403	0.6761	0.0163	71.2962
Single Family Housing	68.7375 / 43.3345	174.1312	2.2463	0.0542	238.1138
Total		761.6103	10.9304	0.2632	1,072.7276

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	609.2185	36.0038	0.0000	1,365.2979
Unmitigated	609.2185	36.0038	0.0000	1,365.2979

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			

Apartments Low Rise	54.28	11.0184	0.6512	0.0000	24.6928
Apartments Mid Rise	82.8	16.8077	0.9933	0.0000	37.6670
City Park	3.31	0.6719	0.0397	0.0000	1.5058
Elementary School	73	14.8183	0.8757	0.0000	33.2089
General Light Industry	1119.17	227.1814	13.4260	0.0000	509.1282
General Office Building	84.06	17.0634	1.0084	0.0000	38.2402
Regional Shopping Center	293.27	59.5312	3.5182	0.0000	133.4132
Single Family Housing	1291.32	262.1263	15.4912	0.0000	587.4419
Total		609.2185	36.0038	0.0000	1,365.2979

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	54.28	11.0184	0.6512	0.0000	24.6928
Apartments Mid Rise	82.8	16.8077	0.9933	0.0000	37.6670
City Park	3.31	0.6719	0.0397	0.0000	1.5058
Elementary School	73	14.8183	0.8757	0.0000	33.2089
General Light Industry	1119.17	227.1814	13.4260	0.0000	509.1282
General Office Building	84.06	17.0634	1.0084	0.0000	38.2402
Regional Shopping Center	293.27	59.5312	3.5182	0.0000	133.4132
Single Family Housing	1291.32	262.1263	15.4912	0.0000	587.4419

Total		609.2185	36.0038	0.0000	1,365.2979
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9.0 Operational Offroad

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

**Northwest Newman MP
Stanislaus County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	902.56	1000sqft	59.20	902,563.00	0
Regional Shopping Center	279.30	1000sqft	27.30	279,297.00	0
General Office Building	90.39	1000sqft	8.30	90,387.00	0
Single Family Housing	55.00	Dwelling Unit	18.40	99,000.00	187
Apartments Low Rise	118.00	Dwelling Unit	10.00	118,000.00	401
Single Family Housing	1,000.00	Dwelling Unit	149.50	1,800,000.00	3400
Apartments Mid Rise	180.00	Dwelling Unit	9.00	180,000.00	612
City Park	38.50	Acre	38.50	1,677,060.00	0
Elementary School	400.00	Student	10.00	33,441.35	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	46
Climate Zone	3			Operational Year	2035
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 & Non-Default Data

Project Characteristics -

Land Use - Details from the Master Plan and traffic study.

Construction Phase - Assumes relatively aggressive building construction over 10 years. Because the site is mostly flat and agricultural, demolition and grading were reduced from defaults.

Grading - The site is generally flat and this assumes grading will be generally balanced on site.

Vehicle Trips - Trip rates per the traffic study.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	6,200.00	2,611.00
tblConstructionPhase	NumDays	400.00	23.00
tblConstructionPhase	NumDays	620.00	310.00
tblGrading	AcresOfGrading	775.00	1,353.00
tblLandUse	LotAcreage	20.72	59.20
tblLandUse	LotAcreage	6.41	27.30
tblLandUse	LotAcreage	2.07	8.30
tblLandUse	LotAcreage	17.86	18.40
tblLandUse	LotAcreage	7.38	10.00
tblLandUse	LotAcreage	324.68	149.50
tblLandUse	LotAcreage	4.74	9.00
tblLandUse	LotAcreage	0.77	10.00
tblLandUse	Population	157.00	187.00
tblLandUse	Population	337.00	401.00
tblLandUse	Population	2,860.00	3,400.00
tblLandUse	Population	515.00	612.00
tblProjectCharacteristics	OperationalYear	2014	2035
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	9.6990e-003	0.01
tblVehicleEF	HHD	3.47	3.11
tblVehicleEF	HHD	1.12	1.27
tblVehicleEF	HHD	52.45	65.13
tblVehicleEF	HHD	527.64	548.66
tblVehicleEF	HHD	1,536.93	1,607.19
tblVehicleEF	HHD	49.32	52.49
tblVehicleEF	HHD	0.07	0.06
tblVehicleEF	HHD	3.21	4.14

tblVehicleEF	HHD	1.99	4.31
tblVehicleEF	HHD	3.10	3.65
tblVehicleEF	HHD	8.9870e-003	0.01
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.07	0.08
tblVehicleEF	HHD	3.2900e-004	1.8430e-003
tblVehicleEF	HHD	8.2680e-003	0.01
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.9130e-003	8.8970e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	3.0500e-004	1.6410e-003
tblVehicleEF	HHD	1.7690e-003	2.4600e-003
tblVehicleEF	HHD	0.07	0.09
tblVehicleEF	HHD	0.62	0.56
tblVehicleEF	HHD	1.0270e-003	1.2810e-003
tblVehicleEF	HHD	0.21	0.23
tblVehicleEF	HHD	0.43	0.52
tblVehicleEF	HHD	0.83	1.85
tblVehicleEF	HHD	5.5930e-003	5.5980e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.3960e-003	1.6410e-003
tblVehicleEF	HHD	1.7690e-003	2.4600e-003
tblVehicleEF	HHD	0.07	0.09
tblVehicleEF	HHD	0.70	0.63
tblVehicleEF	HHD	1.0270e-003	1.2810e-003
tblVehicleEF	HHD	0.24	0.27
tblVehicleEF	HHD	0.43	0.52
tblVehicleEF	HHD	0.89	1.98
tblVehicleEF	HHD	0.03	0.02

tblVehicleEF	HHD	9.6990e-003	0.01
tblVehicleEF	HHD	2.52	2.26
tblVehicleEF	HHD	1.12	1.28
tblVehicleEF	HHD	38.42	46.60
tblVehicleEF	HHD	558.99	581.26
tblVehicleEF	HHD	1,536.93	1,607.19
tblVehicleEF	HHD	49.32	52.49
tblVehicleEF	HHD	0.07	0.06
tblVehicleEF	HHD	3.31	4.28
tblVehicleEF	HHD	1.89	4.10
tblVehicleEF	HHD	2.92	3.44
tblVehicleEF	HHD	7.5760e-003	0.01
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.07	0.08
tblVehicleEF	HHD	3.2900e-004	1.8430e-003
tblVehicleEF	HHD	6.9700e-003	9.2050e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.9130e-003	8.8970e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	3.0500e-004	1.6410e-003
tblVehicleEF	HHD	4.1820e-003	6.4800e-003
tblVehicleEF	HHD	0.07	0.11
tblVehicleEF	HHD	0.58	0.52
tblVehicleEF	HHD	1.9970e-003	3.0210e-003
tblVehicleEF	HHD	0.21	0.23
tblVehicleEF	HHD	0.42	0.53
tblVehicleEF	HHD	0.70	1.46
tblVehicleEF	HHD	5.9260e-003	5.9310e-003
tblVehicleEF	HHD	0.02	0.02

tblVehicleEF	HHD	1.1720e-003	1.3380e-003
tblVehicleEF	HHD	4.1820e-003	6.4800e-003
tblVehicleEF	HHD	0.07	0.11
tblVehicleEF	HHD	0.66	0.60
tblVehicleEF	HHD	1.9970e-003	3.0210e-003
tblVehicleEF	HHD	0.24	0.27
tblVehicleEF	HHD	0.42	0.53
tblVehicleEF	HHD	0.75	1.56
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	9.6990e-003	0.01
tblVehicleEF	HHD	4.79	4.28
tblVehicleEF	HHD	1.11	1.26
tblVehicleEF	HHD	68.49	86.50
tblVehicleEF	HHD	484.35	503.65
tblVehicleEF	HHD	1,536.93	1,607.19
tblVehicleEF	HHD	49.32	52.49
tblVehicleEF	HHD	0.07	0.06
tblVehicleEF	HHD	3.06	3.96
tblVehicleEF	HHD	2.03	4.39
tblVehicleEF	HHD	3.29	3.88
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.07	0.08
tblVehicleEF	HHD	3.2900e-004	1.8430e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.9130e-003	8.8970e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	3.0500e-004	1.6410e-003

tblVehicleEF	HHD	6.8700e-004	7.4400e-004
tblVehicleEF	HHD	0.07	0.10
tblVehicleEF	HHD	0.66	0.60
tblVehicleEF	HHD	4.7800e-004	4.4800e-004
tblVehicleEF	HHD	0.21	0.23
tblVehicleEF	HHD	0.48	0.56
tblVehicleEF	HHD	0.98	2.30
tblVehicleEF	HHD	5.1340e-003	5.1390e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.6530e-003	1.9900e-003
tblVehicleEF	HHD	6.8700e-004	7.4400e-004
tblVehicleEF	HHD	0.07	0.10
tblVehicleEF	HHD	0.76	0.68
tblVehicleEF	HHD	4.7800e-004	4.4800e-004
tblVehicleEF	HHD	0.24	0.27
tblVehicleEF	HHD	0.48	0.56
tblVehicleEF	HHD	1.05	2.46
tblVehicleEF	LDA	7.7950e-003	0.01
tblVehicleEF	LDA	3.1520e-003	7.7660e-003
tblVehicleEF	LDA	0.55	0.83
tblVehicleEF	LDA	0.91	1.87
tblVehicleEF	LDA	211.35	258.43
tblVehicleEF	LDA	44.20	56.26
tblVehicleEF	LDA	0.43	0.44
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	0.06	0.12
tblVehicleEF	LDA	2.1710e-003	1.8040e-003
tblVehicleEF	LDA	5.2930e-003	3.3380e-003
tblVehicleEF	LDA	2.0140e-003	1.6690e-003
tblVehicleEF	LDA	4.9110e-003	3.0880e-003

tblVehicleEF	LDA	0.02	0.06
tblVehicleEF	LDA	0.05	0.12
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	9.4220e-003	0.02
tblVehicleEF	LDA	0.17	0.26
tblVehicleEF	LDA	0.06	0.14
tblVehicleEF	LDA	3.5560e-003	3.5430e-003
tblVehicleEF	LDA	7.5500e-004	7.6800e-004
tblVehicleEF	LDA	0.02	0.06
tblVehicleEF	LDA	0.05	0.12
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.17	0.26
tblVehicleEF	LDA	0.06	0.15
tblVehicleEF	LDA	7.7950e-003	0.01
tblVehicleEF	LDA	3.1520e-003	7.7660e-003
tblVehicleEF	LDA	0.69	1.02
tblVehicleEF	LDA	0.67	1.37
tblVehicleEF	LDA	232.65	284.39
tblVehicleEF	LDA	44.20	56.26
tblVehicleEF	LDA	0.43	0.44
tblVehicleEF	LDA	0.05	0.07
tblVehicleEF	LDA	0.05	0.11
tblVehicleEF	LDA	2.1710e-003	1.8040e-003
tblVehicleEF	LDA	5.2930e-003	3.3380e-003
tblVehicleEF	LDA	2.0140e-003	1.6690e-003
tblVehicleEF	LDA	4.9110e-003	3.0880e-003
tblVehicleEF	LDA	0.05	0.14
tblVehicleEF	LDA	0.06	0.14
tblVehicleEF	LDA	0.04	0.09

tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.16	0.25
tblVehicleEF	LDA	0.04	0.11
tblVehicleEF	LDA	3.9160e-003	3.9040e-003
tblVehicleEF	LDA	7.5100e-004	7.5900e-004
tblVehicleEF	LDA	0.05	0.14
tblVehicleEF	LDA	0.06	0.14
tblVehicleEF	LDA	0.04	0.09
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.16	0.25
tblVehicleEF	LDA	0.05	0.12
tblVehicleEF	LDA	7.7950e-003	0.01
tblVehicleEF	LDA	3.1520e-003	7.7660e-003
tblVehicleEF	LDA	0.51	0.77
tblVehicleEF	LDA	1.19	2.42
tblVehicleEF	LDA	203.97	249.41
tblVehicleEF	LDA	44.20	56.26
tblVehicleEF	LDA	0.43	0.44
tblVehicleEF	LDA	0.06	0.09
tblVehicleEF	LDA	0.06	0.13
tblVehicleEF	LDA	2.1710e-003	1.8040e-003
tblVehicleEF	LDA	5.2930e-003	3.3380e-003
tblVehicleEF	LDA	2.0140e-003	1.6690e-003
tblVehicleEF	LDA	4.9110e-003	3.0880e-003
tblVehicleEF	LDA	7.1280e-003	0.02
tblVehicleEF	LDA	0.05	0.12
tblVehicleEF	LDA	6.3620e-003	0.01
tblVehicleEF	LDA	8.8540e-003	0.02
tblVehicleEF	LDA	0.20	0.30
tblVehicleEF	LDA	0.07	0.17

tblVehicleEF	LDA	3.4310e-003	3.4180e-003
tblVehicleEF	LDA	7.5900e-004	7.7700e-004
tblVehicleEF	LDA	7.1280e-003	0.02
tblVehicleEF	LDA	0.05	0.12
tblVehicleEF	LDA	6.3620e-003	0.01
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.20	0.30
tblVehicleEF	LDA	0.07	0.18
tblVehicleEF	LDT1	9.0650e-003	0.02
tblVehicleEF	LDT1	4.4790e-003	0.02
tblVehicleEF	LDT1	0.66	1.95
tblVehicleEF	LDT1	1.23	4.83
tblVehicleEF	LDT1	251.18	308.38
tblVehicleEF	LDT1	53.16	66.98
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.06	0.21
tblVehicleEF	LDT1	0.07	0.26
tblVehicleEF	LDT1	2.1670e-003	3.3550e-003
tblVehicleEF	LDT1	5.0570e-003	5.2470e-003
tblVehicleEF	LDT1	2.0100e-003	3.1050e-003
tblVehicleEF	LDT1	4.6920e-003	4.8550e-003
tblVehicleEF	LDT1	0.06	0.19
tblVehicleEF	LDT1	0.11	0.30
tblVehicleEF	LDT1	0.04	0.12
tblVehicleEF	LDT1	0.01	0.05
tblVehicleEF	LDT1	0.37	1.05
tblVehicleEF	LDT1	0.08	0.37
tblVehicleEF	LDT1	4.1320e-003	4.1090e-003
tblVehicleEF	LDT1	8.8200e-004	9.3000e-004
tblVehicleEF	LDT1	0.06	0.19

tblVehicleEF	LDT1	0.11	0.30
tblVehicleEF	LDT1	0.04	0.12
tblVehicleEF	LDT1	0.02	0.07
tblVehicleEF	LDT1	0.37	1.05
tblVehicleEF	LDT1	0.08	0.39
tblVehicleEF	LDT1	9.0650e-003	0.02
tblVehicleEF	LDT1	4.4790e-003	0.02
tblVehicleEF	LDT1	0.81	2.36
tblVehicleEF	LDT1	0.90	3.57
tblVehicleEF	LDT1	275.58	337.50
tblVehicleEF	LDT1	53.16	66.98
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.06	0.19
tblVehicleEF	LDT1	0.07	0.24
tblVehicleEF	LDT1	2.1670e-003	3.3550e-003
tblVehicleEF	LDT1	5.0570e-003	5.2470e-003
tblVehicleEF	LDT1	2.0100e-003	3.1050e-003
tblVehicleEF	LDT1	4.6920e-003	4.8550e-003
tblVehicleEF	LDT1	0.13	0.48
tblVehicleEF	LDT1	0.13	0.39
tblVehicleEF	LDT1	0.09	0.27
tblVehicleEF	LDT1	0.01	0.05
tblVehicleEF	LDT1	0.36	1.02
tblVehicleEF	LDT1	0.06	0.29
tblVehicleEF	LDT1	4.5350e-003	4.5060e-003
tblVehicleEF	LDT1	8.7600e-004	9.0800e-004
tblVehicleEF	LDT1	0.13	0.48
tblVehicleEF	LDT1	0.13	0.39
tblVehicleEF	LDT1	0.09	0.27
tblVehicleEF	LDT1	0.02	0.08

tblVehicleEF	LDT1	0.36	1.02
tblVehicleEF	LDT1	0.07	0.31
tblVehicleEF	LDT1	9.0650e-003	0.02
tblVehicleEF	LDT1	4.4790e-003	0.02
tblVehicleEF	LDT1	0.61	1.85
tblVehicleEF	LDT1	1.60	6.26
tblVehicleEF	LDT1	242.72	298.26
tblVehicleEF	LDT1	53.16	66.98
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.07	0.23
tblVehicleEF	LDT1	0.08	0.29
tblVehicleEF	LDT1	2.1670e-003	3.3550e-003
tblVehicleEF	LDT1	5.0570e-003	5.2470e-003
tblVehicleEF	LDT1	2.0100e-003	3.1050e-003
tblVehicleEF	LDT1	4.6920e-003	4.8550e-003
tblVehicleEF	LDT1	0.02	0.06
tblVehicleEF	LDT1	0.11	0.31
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.01	0.05
tblVehicleEF	LDT1	0.45	1.28
tblVehicleEF	LDT1	0.10	0.45
tblVehicleEF	LDT1	3.9920e-003	3.9710e-003
tblVehicleEF	LDT1	8.8800e-004	9.5500e-004
tblVehicleEF	LDT1	0.02	0.06
tblVehicleEF	LDT1	0.11	0.31
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.02	0.07
tblVehicleEF	LDT1	0.45	1.28
tblVehicleEF	LDT1	0.10	0.48
tblVehicleEF	LDT2	9.5260e-003	0.01

tblVehicleEF	LDT2	4.1300e-003	0.01
tblVehicleEF	LDT2	0.65	1.18
tblVehicleEF	LDT2	1.14	2.82
tblVehicleEF	LDT2	327.99	381.48
tblVehicleEF	LDT2	68.89	82.11
tblVehicleEF	LDT2	0.15	0.16
tblVehicleEF	LDT2	0.07	0.14
tblVehicleEF	LDT2	0.08	0.24
tblVehicleEF	LDT2	2.1510e-003	1.8950e-003
tblVehicleEF	LDT2	5.2230e-003	3.4340e-003
tblVehicleEF	LDT2	1.9960e-003	1.7520e-003
tblVehicleEF	LDT2	4.8460e-003	3.1740e-003
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.10	0.16
tblVehicleEF	LDT2	0.05	0.06
tblVehicleEF	LDT2	0.01	0.03
tblVehicleEF	LDT2	0.35	0.51
tblVehicleEF	LDT2	0.07	0.21
tblVehicleEF	LDT2	4.8300e-003	4.8230e-003
tblVehicleEF	LDT2	1.0280e-003	1.0530e-003
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.10	0.16
tblVehicleEF	LDT2	0.05	0.06
tblVehicleEF	LDT2	0.02	0.04
tblVehicleEF	LDT2	0.35	0.51
tblVehicleEF	LDT2	0.08	0.22
tblVehicleEF	LDT2	9.5260e-003	0.01
tblVehicleEF	LDT2	4.1300e-003	0.01
tblVehicleEF	LDT2	0.81	1.44
tblVehicleEF	LDT2	0.83	2.07

tblVehicleEF	LDT2	360.04	418.71
tblVehicleEF	LDT2	68.89	82.11
tblVehicleEF	LDT2	0.15	0.16
tblVehicleEF	LDT2	0.06	0.13
tblVehicleEF	LDT2	0.07	0.22
tblVehicleEF	LDT2	2.1510e-003	1.8950e-003
tblVehicleEF	LDT2	5.2230e-003	3.4340e-003
tblVehicleEF	LDT2	1.9960e-003	1.7520e-003
tblVehicleEF	LDT2	4.8460e-003	3.1740e-003
tblVehicleEF	LDT2	0.14	0.21
tblVehicleEF	LDT2	0.12	0.20
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.01	0.03
tblVehicleEF	LDT2	0.33	0.49
tblVehicleEF	LDT2	0.06	0.17
tblVehicleEF	LDT2	5.3040e-003	5.2990e-003
tblVehicleEF	LDT2	1.0230e-003	1.0400e-003
tblVehicleEF	LDT2	0.14	0.21
tblVehicleEF	LDT2	0.12	0.20
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.02	0.05
tblVehicleEF	LDT2	0.33	0.49
tblVehicleEF	LDT2	0.06	0.18
tblVehicleEF	LDT2	9.5260e-003	0.01
tblVehicleEF	LDT2	4.1300e-003	0.01
tblVehicleEF	LDT2	0.60	1.11
tblVehicleEF	LDT2	1.48	3.65
tblVehicleEF	LDT2	316.87	368.54
tblVehicleEF	LDT2	68.89	82.11
tblVehicleEF	LDT2	0.15	0.16

tblVehicleEF	LDT2	0.07	0.15
tblVehicleEF	LDT2	0.08	0.27
tblVehicleEF	LDT2	2.1510e-003	1.8950e-003
tblVehicleEF	LDT2	5.2230e-003	3.4340e-003
tblVehicleEF	LDT2	1.9960e-003	1.7520e-003
tblVehicleEF	LDT2	4.8460e-003	3.1740e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.10	0.16
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.01	0.03
tblVehicleEF	LDT2	0.41	0.61
tblVehicleEF	LDT2	0.09	0.25
tblVehicleEF	LDT2	4.6660e-003	4.6580e-003
tblVehicleEF	LDT2	1.0340e-003	1.0670e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.10	0.16
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.02	0.04
tblVehicleEF	LDT2	0.41	0.61
tblVehicleEF	LDT2	0.10	0.27
tblVehicleEF	LHD1	1.0270e-003	1.0610e-003
tblVehicleEF	LHD1	7.6650e-003	0.02
tblVehicleEF	LHD1	7.9080e-003	0.02
tblVehicleEF	LHD1	0.15	0.16
tblVehicleEF	LHD1	0.52	1.65
tblVehicleEF	LHD1	2.03	3.77
tblVehicleEF	LHD1	8.33	8.66
tblVehicleEF	LHD1	685.28	713.80
tblVehicleEF	LHD1	31.55	31.71
tblVehicleEF	LHD1	0.05	0.05

tblVehicleEF	LHD1	0.09	0.09
tblVehicleEF	LHD1	0.53	1.73
tblVehicleEF	LHD1	0.72	0.97
tblVehicleEF	LHD1	9.1400e-004	9.5100e-004
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	9.8460e-003	9.8420e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	2.1100e-004	9.2300e-004
tblVehicleEF	LHD1	8.4100e-004	8.7500e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.4620e-003	2.4610e-003
tblVehicleEF	LHD1	9.9420e-003	0.02
tblVehicleEF	LHD1	1.9600e-004	8.4700e-004
tblVehicleEF	LHD1	1.5400e-003	2.8030e-003
tblVehicleEF	LHD1	0.04	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	8.5300e-004	1.2060e-003
tblVehicleEF	LHD1	0.05	0.17
tblVehicleEF	LHD1	0.22	0.51
tblVehicleEF	LHD1	0.14	0.31
tblVehicleEF	LHD1	7.4990e-003	7.5370e-003
tblVehicleEF	LHD1	3.8600e-004	4.0800e-004
tblVehicleEF	LHD1	1.5400e-003	2.8030e-003
tblVehicleEF	LHD1	0.04	0.08
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	8.5300e-004	1.2060e-003
tblVehicleEF	LHD1	0.06	0.20
tblVehicleEF	LHD1	0.22	0.51
tblVehicleEF	LHD1	0.15	0.33
tblVehicleEF	LHD1	1.0270e-003	1.0610e-003

tblVehicleEF	LHD1	7.6650e-003	0.02
tblVehicleEF	LHD1	7.9080e-003	0.02
tblVehicleEF	LHD1	0.15	0.16
tblVehicleEF	LHD1	0.52	1.69
tblVehicleEF	LHD1	1.47	2.71
tblVehicleEF	LHD1	8.33	8.66
tblVehicleEF	LHD1	685.28	713.80
tblVehicleEF	LHD1	31.55	31.71
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.09	0.09
tblVehicleEF	LHD1	0.50	1.63
tblVehicleEF	LHD1	0.68	0.91
tblVehicleEF	LHD1	9.1400e-004	9.5100e-004
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	9.8460e-003	9.8420e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	2.1100e-004	9.2300e-004
tblVehicleEF	LHD1	8.4100e-004	8.7500e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.4620e-003	2.4610e-003
tblVehicleEF	LHD1	9.9420e-003	0.02
tblVehicleEF	LHD1	1.9600e-004	8.4700e-004
tblVehicleEF	LHD1	3.6800e-003	7.0440e-003
tblVehicleEF	LHD1	0.05	0.09
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.6870e-003	2.6540e-003
tblVehicleEF	LHD1	0.05	0.17
tblVehicleEF	LHD1	0.22	0.50
tblVehicleEF	LHD1	0.12	0.26
tblVehicleEF	LHD1	7.4990e-003	7.5380e-003

tblVehicleEF	LHD1	3.7700e-004	3.8900e-004
tblVehicleEF	LHD1	3.6800e-003	7.0440e-003
tblVehicleEF	LHD1	0.05	0.09
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.6870e-003	2.6540e-003
tblVehicleEF	LHD1	0.06	0.20
tblVehicleEF	LHD1	0.22	0.50
tblVehicleEF	LHD1	0.13	0.28
tblVehicleEF	LHD1	1.0270e-003	1.0610e-003
tblVehicleEF	LHD1	7.6650e-003	0.02
tblVehicleEF	LHD1	7.9080e-003	0.02
tblVehicleEF	LHD1	0.15	0.16
tblVehicleEF	LHD1	0.51	1.62
tblVehicleEF	LHD1	2.66	4.98
tblVehicleEF	LHD1	8.33	8.66
tblVehicleEF	LHD1	685.28	713.80
tblVehicleEF	LHD1	31.55	31.71
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.09	0.09
tblVehicleEF	LHD1	0.55	1.77
tblVehicleEF	LHD1	0.77	1.03
tblVehicleEF	LHD1	9.1400e-004	9.5100e-004
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	9.8460e-003	9.8420e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	2.1100e-004	9.2300e-004
tblVehicleEF	LHD1	8.4100e-004	8.7500e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.4620e-003	2.4610e-003
tblVehicleEF	LHD1	9.9420e-003	0.02

tblVehicleEF	LHD1	1.9600e-004	8.4700e-004
tblVehicleEF	LHD1	5.8600e-004	9.1600e-004
tblVehicleEF	LHD1	0.04	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.9200e-004	4.8700e-004
tblVehicleEF	LHD1	0.05	0.17
tblVehicleEF	LHD1	0.25	0.56
tblVehicleEF	LHD1	0.17	0.37
tblVehicleEF	LHD1	7.4990e-003	7.5360e-003
tblVehicleEF	LHD1	3.9700e-004	4.2800e-004
tblVehicleEF	LHD1	5.8600e-004	9.1600e-004
tblVehicleEF	LHD1	0.04	0.08
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	3.9200e-004	4.8700e-004
tblVehicleEF	LHD1	0.06	0.19
tblVehicleEF	LHD1	0.25	0.56
tblVehicleEF	LHD1	0.18	0.40
tblVehicleEF	LHD2	7.6600e-004	7.8800e-004
tblVehicleEF	LHD2	5.5130e-003	0.01
tblVehicleEF	LHD2	3.8230e-003	8.7540e-003
tblVehicleEF	LHD2	0.12	0.12
tblVehicleEF	LHD2	0.58	1.07
tblVehicleEF	LHD2	1.11	1.81
tblVehicleEF	LHD2	9.09	9.45
tblVehicleEF	LHD2	589.58	614.24
tblVehicleEF	LHD2	18.39	18.42
tblVehicleEF	LHD2	8.2620e-003	7.8330e-003
tblVehicleEF	LHD2	0.14	0.14
tblVehicleEF	LHD2	0.66	2.26
tblVehicleEF	LHD2	0.38	0.53

tblVehicleEF	LHD2	1.4540e-003	1.4680e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.03
tblVehicleEF	LHD2	9.2000e-005	4.1100e-004
tblVehicleEF	LHD2	1.3370e-003	1.3500e-003
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.6980e-003	2.6970e-003
tblVehicleEF	LHD2	0.01	0.03
tblVehicleEF	LHD2	8.6000e-005	3.7800e-004
tblVehicleEF	LHD2	7.0700e-004	1.2500e-003
tblVehicleEF	LHD2	0.02	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	4.0500e-004	5.6300e-004
tblVehicleEF	LHD2	0.06	0.15
tblVehicleEF	LHD2	0.09	0.22
tblVehicleEF	LHD2	0.07	0.15
tblVehicleEF	LHD2	6.3820e-003	6.4060e-003
tblVehicleEF	LHD2	2.2400e-004	2.3000e-004
tblVehicleEF	LHD2	7.0700e-004	1.2500e-003
tblVehicleEF	LHD2	0.02	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	4.0500e-004	5.6300e-004
tblVehicleEF	LHD2	0.07	0.17
tblVehicleEF	LHD2	0.09	0.22
tblVehicleEF	LHD2	0.07	0.17
tblVehicleEF	LHD2	7.6600e-004	7.8800e-004
tblVehicleEF	LHD2	5.5130e-003	0.01
tblVehicleEF	LHD2	3.8230e-003	8.7540e-003
tblVehicleEF	LHD2	0.12	0.12

tblVehicleEF	LHD2	0.58	1.08
tblVehicleEF	LHD2	0.81	1.31
tblVehicleEF	LHD2	9.09	9.45
tblVehicleEF	LHD2	589.58	614.24
tblVehicleEF	LHD2	18.39	18.42
tblVehicleEF	LHD2	8.2620e-003	7.8330e-003
tblVehicleEF	LHD2	0.14	0.14
tblVehicleEF	LHD2	0.63	2.15
tblVehicleEF	LHD2	0.36	0.50
tblVehicleEF	LHD2	1.4540e-003	1.4680e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.03
tblVehicleEF	LHD2	9.2000e-005	4.1100e-004
tblVehicleEF	LHD2	1.3370e-003	1.3500e-003
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.6980e-003	2.6970e-003
tblVehicleEF	LHD2	0.01	0.03
tblVehicleEF	LHD2	8.6000e-005	3.7800e-004
tblVehicleEF	LHD2	1.6820e-003	3.1270e-003
tblVehicleEF	LHD2	0.02	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.9800e-004	1.2290e-003
tblVehicleEF	LHD2	0.06	0.15
tblVehicleEF	LHD2	0.09	0.22
tblVehicleEF	LHD2	0.06	0.13
tblVehicleEF	LHD2	6.3820e-003	6.4070e-003
tblVehicleEF	LHD2	2.1800e-004	2.2100e-004
tblVehicleEF	LHD2	1.6820e-003	3.1270e-003
tblVehicleEF	LHD2	0.02	0.04

tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.9800e-004	1.2290e-003
tblVehicleEF	LHD2	0.07	0.17
tblVehicleEF	LHD2	0.09	0.22
tblVehicleEF	LHD2	0.06	0.14
tblVehicleEF	LHD2	7.6600e-004	7.8800e-004
tblVehicleEF	LHD2	5.5130e-003	0.01
tblVehicleEF	LHD2	3.8230e-003	8.7540e-003
tblVehicleEF	LHD2	0.12	0.12
tblVehicleEF	LHD2	0.58	1.06
tblVehicleEF	LHD2	1.46	2.37
tblVehicleEF	LHD2	9.09	9.45
tblVehicleEF	LHD2	589.58	614.24
tblVehicleEF	LHD2	18.39	18.42
tblVehicleEF	LHD2	8.2620e-003	7.8330e-003
tblVehicleEF	LHD2	0.14	0.14
tblVehicleEF	LHD2	0.67	2.30
tblVehicleEF	LHD2	0.40	0.56
tblVehicleEF	LHD2	1.4540e-003	1.4680e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.03
tblVehicleEF	LHD2	9.2000e-005	4.1100e-004
tblVehicleEF	LHD2	1.3370e-003	1.3500e-003
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.6980e-003	2.6970e-003
tblVehicleEF	LHD2	0.01	0.03
tblVehicleEF	LHD2	8.6000e-005	3.7800e-004
tblVehicleEF	LHD2	2.7100e-004	4.2000e-004
tblVehicleEF	LHD2	0.02	0.04

tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.8600e-004	2.3100e-004
tblVehicleEF	LHD2	0.06	0.15
tblVehicleEF	LHD2	0.10	0.24
tblVehicleEF	LHD2	0.08	0.18
tblVehicleEF	LHD2	6.3820e-003	6.4060e-003
tblVehicleEF	LHD2	2.2900e-004	2.4000e-004
tblVehicleEF	LHD2	2.7100e-004	4.2000e-004
tblVehicleEF	LHD2	0.02	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.8600e-004	2.3100e-004
tblVehicleEF	LHD2	0.07	0.17
tblVehicleEF	LHD2	0.10	0.24
tblVehicleEF	LHD2	0.09	0.20
tblVehicleEF	MCY	24.48	27.94
tblVehicleEF	MCY	10.84	10.55
tblVehicleEF	MCY	153.52	152.72
tblVehicleEF	MCY	36.30	41.09
tblVehicleEF	MCY	6.8400e-003	6.2000e-003
tblVehicleEF	MCY	1.21	1.24
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	2.5600e-004	4.7800e-004
tblVehicleEF	MCY	6.7300e-004	1.3450e-003
tblVehicleEF	MCY	2.2200e-004	3.9400e-004
tblVehicleEF	MCY	5.8900e-004	1.0890e-003
tblVehicleEF	MCY	1.05	1.08
tblVehicleEF	MCY	0.41	0.48
tblVehicleEF	MCY	0.52	0.55
tblVehicleEF	MCY	2.69	2.81
tblVehicleEF	MCY	1.19	1.46

tblVehicleEF	MCY	2.12	2.21
tblVehicleEF	MCY	2.1740e-003	2.1600e-003
tblVehicleEF	MCY	6.4000e-004	6.7500e-004
tblVehicleEF	MCY	1.05	1.08
tblVehicleEF	MCY	0.41	0.48
tblVehicleEF	MCY	0.52	0.55
tblVehicleEF	MCY	2.94	3.07
tblVehicleEF	MCY	1.19	1.46
tblVehicleEF	MCY	2.27	2.37
tblVehicleEF	MCY	24.60	28.05
tblVehicleEF	MCY	8.91	8.90
tblVehicleEF	MCY	153.52	152.72
tblVehicleEF	MCY	36.30	41.09
tblVehicleEF	MCY	6.8400e-003	6.2000e-003
tblVehicleEF	MCY	1.05	1.07
tblVehicleEF	MCY	0.29	0.29
tblVehicleEF	MCY	2.5600e-004	4.7800e-004
tblVehicleEF	MCY	6.7300e-004	1.3450e-003
tblVehicleEF	MCY	2.2200e-004	3.9400e-004
tblVehicleEF	MCY	5.8900e-004	1.0890e-003
tblVehicleEF	MCY	2.81	2.90
tblVehicleEF	MCY	0.71	0.80
tblVehicleEF	MCY	1.52	1.57
tblVehicleEF	MCY	2.64	2.74
tblVehicleEF	MCY	1.14	1.41
tblVehicleEF	MCY	1.78	1.84
tblVehicleEF	MCY	2.1740e-003	2.1600e-003
tblVehicleEF	MCY	5.9900e-004	6.3700e-004
tblVehicleEF	MCY	2.81	2.90
tblVehicleEF	MCY	0.71	0.80

tblVehicleEF	MCY	1.52	1.57
tblVehicleEF	MCY	2.89	2.99
tblVehicleEF	MCY	1.14	1.41
tblVehicleEF	MCY	1.91	1.97
tblVehicleEF	MCY	26.42	30.30
tblVehicleEF	MCY	13.19	12.66
tblVehicleEF	MCY	153.52	152.72
tblVehicleEF	MCY	36.30	41.09
tblVehicleEF	MCY	6.8400e-003	6.2000e-003
tblVehicleEF	MCY	1.31	1.34
tblVehicleEF	MCY	0.33	0.33
tblVehicleEF	MCY	2.5600e-004	4.7800e-004
tblVehicleEF	MCY	6.7300e-004	1.3450e-003
tblVehicleEF	MCY	2.2200e-004	3.9400e-004
tblVehicleEF	MCY	5.8900e-004	1.0890e-003
tblVehicleEF	MCY	0.27	0.28
tblVehicleEF	MCY	0.41	0.49
tblVehicleEF	MCY	0.12	0.12
tblVehicleEF	MCY	2.79	2.94
tblVehicleEF	MCY	1.47	1.77
tblVehicleEF	MCY	2.52	2.65
tblVehicleEF	MCY	2.2080e-003	2.2010e-003
tblVehicleEF	MCY	6.9000e-004	7.2200e-004
tblVehicleEF	MCY	0.27	0.28
tblVehicleEF	MCY	0.41	0.49
tblVehicleEF	MCY	0.12	0.12
tblVehicleEF	MCY	3.05	3.21
tblVehicleEF	MCY	1.47	1.77
tblVehicleEF	MCY	2.70	2.84
tblVehicleEF	MDV	0.01	0.03

tblVehicleEF	MDV	7.2180e-003	0.03
tblVehicleEF	MDV	0.92	2.18
tblVehicleEF	MDV	1.79	5.12
tblVehicleEF	MDV	432.23	511.55
tblVehicleEF	MDV	90.77	108.28
tblVehicleEF	MDV	0.17	0.18
tblVehicleEF	MDV	0.10	0.30
tblVehicleEF	MDV	0.13	0.47
tblVehicleEF	MDV	2.1250e-003	2.3890e-003
tblVehicleEF	MDV	4.9170e-003	3.9080e-003
tblVehicleEF	MDV	1.9710e-003	2.2030e-003
tblVehicleEF	MDV	4.5620e-003	3.6100e-003
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.17	0.23
tblVehicleEF	MDV	0.09	0.08
tblVehicleEF	MDV	0.02	0.06
tblVehicleEF	MDV	0.53	0.73
tblVehicleEF	MDV	0.13	0.45
tblVehicleEF	MDV	6.1870e-003	6.1410e-003
tblVehicleEF	MDV	1.3200e-003	1.3570e-003
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.17	0.23
tblVehicleEF	MDV	0.09	0.08
tblVehicleEF	MDV	0.03	0.09
tblVehicleEF	MDV	0.53	0.73
tblVehicleEF	MDV	0.14	0.48
tblVehicleEF	MDV	0.01	0.03
tblVehicleEF	MDV	7.2180e-003	0.03
tblVehicleEF	MDV	1.14	2.65
tblVehicleEF	MDV	1.31	3.78

tblVehicleEF	MDV	473.95	560.62
tblVehicleEF	MDV	90.77	108.28
tblVehicleEF	MDV	0.17	0.18
tblVehicleEF	MDV	0.09	0.28
tblVehicleEF	MDV	0.12	0.43
tblVehicleEF	MDV	2.1250e-003	2.3890e-003
tblVehicleEF	MDV	4.9170e-003	3.9080e-003
tblVehicleEF	MDV	1.9710e-003	2.2030e-003
tblVehicleEF	MDV	4.5620e-003	3.6100e-003
tblVehicleEF	MDV	0.23	0.28
tblVehicleEF	MDV	0.19	0.28
tblVehicleEF	MDV	0.17	0.19
tblVehicleEF	MDV	0.02	0.07
tblVehicleEF	MDV	0.51	0.70
tblVehicleEF	MDV	0.10	0.36
tblVehicleEF	MDV	6.7870e-003	6.7380e-003
tblVehicleEF	MDV	1.3120e-003	1.3330e-003
tblVehicleEF	MDV	0.23	0.28
tblVehicleEF	MDV	0.19	0.28
tblVehicleEF	MDV	0.17	0.19
tblVehicleEF	MDV	0.04	0.10
tblVehicleEF	MDV	0.51	0.70
tblVehicleEF	MDV	0.11	0.38
tblVehicleEF	MDV	0.01	0.03
tblVehicleEF	MDV	7.2180e-003	0.03
tblVehicleEF	MDV	0.86	2.07
tblVehicleEF	MDV	2.32	6.63
tblVehicleEF	MDV	417.76	494.50
tblVehicleEF	MDV	90.77	108.28
tblVehicleEF	MDV	0.17	0.18

tblVehicleEF	MDV	0.11	0.33
tblVehicleEF	MDV	0.15	0.52
tblVehicleEF	MDV	2.1250e-003	2.3890e-003
tblVehicleEF	MDV	4.9170e-003	3.9080e-003
tblVehicleEF	MDV	1.9710e-003	2.2030e-003
tblVehicleEF	MDV	4.5620e-003	3.6100e-003
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.17	0.24
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.02	0.06
tblVehicleEF	MDV	0.63	0.87
tblVehicleEF	MDV	0.16	0.54
tblVehicleEF	MDV	5.9790e-003	5.9340e-003
tblVehicleEF	MDV	1.3290e-003	1.3840e-003
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.17	0.24
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.03	0.09
tblVehicleEF	MDV	0.63	0.87
tblVehicleEF	MDV	0.17	0.58
tblVehicleEF	MH	0.25	3.19
tblVehicleEF	MH	4.14	8.46
tblVehicleEF	MH	698.00	722.62
tblVehicleEF	MH	27.12	28.53
tblVehicleEF	MH	2.7290e-003	2.7820e-003
tblVehicleEF	MH	0.83	1.84
tblVehicleEF	MH	0.51	0.83
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.6770e-003	8.6720e-003
tblVehicleEF	MH	0.01	0.03

tblVehicleEF	MH	1.9000e-004	1.0590e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.1690e-003	2.1680e-003
tblVehicleEF	MH	9.2160e-003	0.03
tblVehicleEF	MH	1.7600e-004	9.6300e-004
tblVehicleEF	MH	0.51	1.41
tblVehicleEF	MH	0.03	0.09
tblVehicleEF	MH	0.20	0.40
tblVehicleEF	MH	0.03	0.14
tblVehicleEF	MH	0.62	2.23
tblVehicleEF	MH	0.22	0.46
tblVehicleEF	MH	7.6550e-003	7.6780e-003
tblVehicleEF	MH	3.7300e-004	4.5200e-004
tblVehicleEF	MH	0.51	1.41
tblVehicleEF	MH	0.03	0.09
tblVehicleEF	MH	0.20	0.40
tblVehicleEF	MH	0.04	0.17
tblVehicleEF	MH	0.62	2.23
tblVehicleEF	MH	0.23	0.49
tblVehicleEF	MH	0.26	3.31
tblVehicleEF	MH	3.01	5.90
tblVehicleEF	MH	698.00	722.62
tblVehicleEF	MH	27.12	28.53
tblVehicleEF	MH	2.7290e-003	2.7820e-003
tblVehicleEF	MH	0.78	1.70
tblVehicleEF	MH	0.48	0.78
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.6770e-003	8.6720e-003
tblVehicleEF	MH	0.01	0.03
tblVehicleEF	MH	1.9000e-004	1.0590e-003

tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.1690e-003	2.1680e-003
tblVehicleEF	MH	9.2160e-003	0.03
tblVehicleEF	MH	1.7600e-004	9.6300e-004
tblVehicleEF	MH	1.22	3.59
tblVehicleEF	MH	0.03	0.11
tblVehicleEF	MH	0.37	0.83
tblVehicleEF	MH	0.03	0.14
tblVehicleEF	MH	0.61	2.20
tblVehicleEF	MH	0.18	0.37
tblVehicleEF	MH	7.6550e-003	7.6800e-003
tblVehicleEF	MH	3.5400e-004	4.0900e-004
tblVehicleEF	MH	1.22	3.59
tblVehicleEF	MH	0.03	0.11
tblVehicleEF	MH	0.37	0.83
tblVehicleEF	MH	0.05	0.17
tblVehicleEF	MH	0.61	2.20
tblVehicleEF	MH	0.19	0.39
tblVehicleEF	MH	0.25	3.10
tblVehicleEF	MH	5.44	11.41
tblVehicleEF	MH	698.00	722.62
tblVehicleEF	MH	27.12	28.53
tblVehicleEF	MH	2.7290e-003	2.7820e-003
tblVehicleEF	MH	0.85	1.92
tblVehicleEF	MH	0.54	0.88
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.6770e-003	8.6720e-003
tblVehicleEF	MH	0.01	0.03
tblVehicleEF	MH	1.9000e-004	1.0590e-003
tblVehicleEF	MH	0.02	0.02

tblVehicleEF	MH	2.1690e-003	2.1680e-003
tblVehicleEF	MH	9.2160e-003	0.03
tblVehicleEF	MH	1.7600e-004	9.6300e-004
tblVehicleEF	MH	0.20	0.45
tblVehicleEF	MH	0.03	0.10
tblVehicleEF	MH	0.11	0.19
tblVehicleEF	MH	0.03	0.13
tblVehicleEF	MH	0.69	2.38
tblVehicleEF	MH	0.26	0.57
tblVehicleEF	MH	7.6550e-003	7.6770e-003
tblVehicleEF	MH	3.9400e-004	5.0200e-004
tblVehicleEF	MH	0.20	0.45
tblVehicleEF	MH	0.03	0.10
tblVehicleEF	MH	0.11	0.19
tblVehicleEF	MH	0.04	0.16
tblVehicleEF	MH	0.69	2.38
tblVehicleEF	MH	0.27	0.61
tblVehicleEF	MHD	8.2880e-003	8.7370e-003
tblVehicleEF	MHD	4.9800e-003	7.6690e-003
tblVehicleEF	MHD	2.11	1.94
tblVehicleEF	MHD	0.41	0.98
tblVehicleEF	MHD	7.36	18.52
tblVehicleEF	MHD	572.82	584.98
tblVehicleEF	MHD	1,003.54	1,042.29
tblVehicleEF	MHD	49.32	56.62
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	3.24	6.07
tblVehicleEF	MHD	1.01	3.27
tblVehicleEF	MHD	0.81	1.50
tblVehicleEF	MHD	7.5520e-003	0.03

tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.03	0.08
tblVehicleEF	MHD	3.5500e-004	3.3650e-003
tblVehicleEF	MHD	6.9480e-003	0.03
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	2.8720e-003	2.8500e-003
tblVehicleEF	MHD	0.03	0.07
tblVehicleEF	MHD	3.2900e-004	2.8220e-003
tblVehicleEF	MHD	1.6770e-003	4.2550e-003
tblVehicleEF	MHD	0.06	0.15
tblVehicleEF	MHD	0.18	0.19
tblVehicleEF	MHD	9.4800e-004	1.8720e-003
tblVehicleEF	MHD	0.11	0.19
tblVehicleEF	MHD	0.31	0.52
tblVehicleEF	MHD	0.44	1.24
tblVehicleEF	MHD	6.0720e-003	5.9690e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.7600e-004	9.3500e-004
tblVehicleEF	MHD	1.6770e-003	4.2550e-003
tblVehicleEF	MHD	0.06	0.15
tblVehicleEF	MHD	0.20	0.21
tblVehicleEF	MHD	9.4800e-004	1.8720e-003
tblVehicleEF	MHD	0.12	0.21
tblVehicleEF	MHD	0.31	0.52
tblVehicleEF	MHD	0.47	1.33
tblVehicleEF	MHD	7.8100e-003	8.2340e-003
tblVehicleEF	MHD	4.9800e-003	7.6690e-003
tblVehicleEF	MHD	1.53	1.41
tblVehicleEF	MHD	0.41	0.99

tblVehicleEF	MHD	5.39	13.75
tblVehicleEF	MHD	606.85	619.73
tblVehicleEF	MHD	1,003.54	1,042.29
tblVehicleEF	MHD	49.32	56.62
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	3.35	6.26
tblVehicleEF	MHD	0.96	3.10
tblVehicleEF	MHD	0.76	1.42
tblVehicleEF	MHD	6.3660e-003	0.03
tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.03	0.08
tblVehicleEF	MHD	3.5500e-004	3.3650e-003
tblVehicleEF	MHD	5.8570e-003	0.02
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	2.8720e-003	2.8500e-003
tblVehicleEF	MHD	0.03	0.07
tblVehicleEF	MHD	3.2900e-004	2.8220e-003
tblVehicleEF	MHD	3.9970e-003	0.01
tblVehicleEF	MHD	0.07	0.18
tblVehicleEF	MHD	0.17	0.18
tblVehicleEF	MHD	1.8720e-003	4.3050e-003
tblVehicleEF	MHD	0.11	0.19
tblVehicleEF	MHD	0.31	0.53
tblVehicleEF	MHD	0.37	1.00
tblVehicleEF	MHD	6.4330e-003	6.3240e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.4300e-004	8.5200e-004
tblVehicleEF	MHD	3.9970e-003	0.01
tblVehicleEF	MHD	0.07	0.18

tblVehicleEF	MHD	0.19	0.20
tblVehicleEF	MHD	1.8720e-003	4.3050e-003
tblVehicleEF	MHD	0.13	0.21
tblVehicleEF	MHD	0.31	0.53
tblVehicleEF	MHD	0.40	1.07
tblVehicleEF	MHD	8.9470e-003	9.4320e-003
tblVehicleEF	MHD	4.9800e-003	7.6690e-003
tblVehicleEF	MHD	2.91	2.67
tblVehicleEF	MHD	0.40	0.99
tblVehicleEF	MHD	9.61	24.16
tblVehicleEF	MHD	525.82	536.98
tblVehicleEF	MHD	1,003.54	1,042.29
tblVehicleEF	MHD	49.32	56.62
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	3.10	5.80
tblVehicleEF	MHD	1.03	3.33
tblVehicleEF	MHD	0.86	1.60
tblVehicleEF	MHD	9.1890e-003	0.04
tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.03	0.08
tblVehicleEF	MHD	3.5500e-004	3.3650e-003
tblVehicleEF	MHD	8.4540e-003	0.03
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	2.8720e-003	2.8500e-003
tblVehicleEF	MHD	0.03	0.07
tblVehicleEF	MHD	3.2900e-004	2.8220e-003
tblVehicleEF	MHD	6.3800e-004	1.2850e-003
tblVehicleEF	MHD	0.06	0.17
tblVehicleEF	MHD	0.19	0.20

tblVehicleEF	MHD	4.3500e-004	6.8600e-004
tblVehicleEF	MHD	0.11	0.19
tblVehicleEF	MHD	0.35	0.57
tblVehicleEF	MHD	0.52	1.54
tblVehicleEF	MHD	5.5740e-003	5.4790e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.1400e-004	1.0330e-003
tblVehicleEF	MHD	6.3800e-004	1.2850e-003
tblVehicleEF	MHD	0.06	0.17
tblVehicleEF	MHD	0.22	0.23
tblVehicleEF	MHD	4.3500e-004	6.8600e-004
tblVehicleEF	MHD	0.12	0.21
tblVehicleEF	MHD	0.35	0.57
tblVehicleEF	MHD	0.55	1.65
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	2.9870e-003	2.9760e-003
tblVehicleEF	OBUS	3.31	2.48
tblVehicleEF	OBUS	0.58	1.84
tblVehicleEF	OBUS	6.44	14.25
tblVehicleEF	OBUS	533.36	554.85
tblVehicleEF	OBUS	1,056.81	1,088.41
tblVehicleEF	OBUS	32.73	34.62
tblVehicleEF	OBUS	1.8600e-003	1.7770e-003
tblVehicleEF	OBUS	3.20	5.30
tblVehicleEF	OBUS	1.08	3.45
tblVehicleEF	OBUS	0.85	1.84
tblVehicleEF	OBUS	8.7960e-003	0.01
tblVehicleEF	OBUS	0.10	0.09
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.04

tblVehicleEF	OBUS	3.1300e-004	1.0690e-003
tblVehicleEF	OBUS	8.0920e-003	9.4330e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6410e-003	2.6140e-003
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	2.9000e-004	9.5900e-004
tblVehicleEF	OBUS	9.7600e-004	1.1660e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.56	0.42
tblVehicleEF	OBUS	3.9800e-004	4.2600e-004
tblVehicleEF	OBUS	0.11	0.18
tblVehicleEF	OBUS	0.28	0.32
tblVehicleEF	OBUS	0.38	0.82
tblVehicleEF	OBUS	5.6540e-003	5.6610e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	4.7600e-004	6.1900e-004
tblVehicleEF	OBUS	9.7600e-004	1.1660e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.64	0.48
tblVehicleEF	OBUS	3.9800e-004	4.2600e-004
tblVehicleEF	OBUS	0.13	0.21
tblVehicleEF	OBUS	0.28	0.32
tblVehicleEF	OBUS	0.41	0.87
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	2.9870e-003	2.9760e-003
tblVehicleEF	OBUS	2.40	1.80
tblVehicleEF	OBUS	0.58	1.89
tblVehicleEF	OBUS	4.67	10.38
tblVehicleEF	OBUS	565.05	587.81
tblVehicleEF	OBUS	1,056.81	1,088.41

tblVehicleEF	OBUS	32.73	34.62
tblVehicleEF	OBUS	1.8600e-003	1.7770e-003
tblVehicleEF	OBUS	3.30	5.47
tblVehicleEF	OBUS	1.02	3.25
tblVehicleEF	OBUS	0.80	1.73
tblVehicleEF	OBUS	7.4150e-003	8.6440e-003
tblVehicleEF	OBUS	0.10	0.09
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	3.1300e-004	1.0690e-003
tblVehicleEF	OBUS	6.8220e-003	7.9520e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6410e-003	2.6140e-003
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	2.9000e-004	9.5900e-004
tblVehicleEF	OBUS	2.3520e-003	2.9410e-003
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	0.53	0.40
tblVehicleEF	OBUS	7.3900e-004	8.6800e-004
tblVehicleEF	OBUS	0.11	0.19
tblVehicleEF	OBUS	0.27	0.32
tblVehicleEF	OBUS	0.32	0.68
tblVehicleEF	OBUS	5.9900e-003	5.9980e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	4.4700e-004	5.5400e-004
tblVehicleEF	OBUS	2.3520e-003	2.9410e-003
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	0.60	0.45
tblVehicleEF	OBUS	7.3900e-004	8.6800e-004
tblVehicleEF	OBUS	0.13	0.22

tblVehicleEF	OBUS	0.27	0.32
tblVehicleEF	OBUS	0.34	0.73
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	2.9870e-003	2.9760e-003
tblVehicleEF	OBUS	4.55	3.41
tblVehicleEF	OBUS	0.57	1.81
tblVehicleEF	OBUS	8.46	18.67
tblVehicleEF	OBUS	489.60	509.32
tblVehicleEF	OBUS	1,056.81	1,088.41
tblVehicleEF	OBUS	32.73	34.62
tblVehicleEF	OBUS	1.8600e-003	1.7770e-003
tblVehicleEF	OBUS	3.06	5.06
tblVehicleEF	OBUS	1.10	3.54
tblVehicleEF	OBUS	0.90	1.95
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.10	0.09
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	3.1300e-004	1.0690e-003
tblVehicleEF	OBUS	9.8460e-003	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6410e-003	2.6140e-003
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	2.9000e-004	9.5900e-004
tblVehicleEF	OBUS	3.8700e-004	4.1400e-004
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.61	0.46
tblVehicleEF	OBUS	2.0800e-004	2.0200e-004
tblVehicleEF	OBUS	0.11	0.18
tblVehicleEF	OBUS	0.30	0.34

tblVehicleEF	OBUS	0.45	0.97
tblVehicleEF	OBUS	5.1900e-003	5.1970e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	5.1000e-004	6.9300e-004
tblVehicleEF	OBUS	3.8700e-004	4.1400e-004
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.69	0.52
tblVehicleEF	OBUS	2.0800e-004	2.0200e-004
tblVehicleEF	OBUS	0.13	0.21
tblVehicleEF	OBUS	0.30	0.34
tblVehicleEF	OBUS	0.48	1.04
tblVehicleEF	SBUS	7.9670e-003	4.3220e-003
tblVehicleEF	SBUS	7.2990e-003	4.2060e-003
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tblVehicleEF	SBUS	2.22	6.88
tblVehicleEF	SBUS	20.72	41.62
tblVehicleEF	SBUS	573.46	563.29
tblVehicleEF	SBUS	925.92	994.88
tblVehicleEF	SBUS	115.30	123.07
tblVehicleEF	SBUS	5.8600e-004	6.5600e-004
tblVehicleEF	SBUS	3.64	7.75
tblVehicleEF	SBUS	3.02	6.64
tblVehicleEF	SBUS	2.08	3.51
tblVehicleEF	SBUS	7.6550e-003	0.01
tblVehicleEF	SBUS	0.41	0.45
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	1.3950e-003	6.6200e-003
tblVehicleEF	SBUS	7.0420e-003	0.01
tblVehicleEF	SBUS	0.18	0.19

tblVehicleEF	SBUS	2.5290e-003	2.5830e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	1.2940e-003	5.8290e-003
tblVehicleEF	SBUS	0.03	0.05
tblVehicleEF	SBUS	0.21	0.37
tblVehicleEF	SBUS	0.17	0.09
tblVehicleEF	SBUS	8.6960e-003	0.02
tblVehicleEF	SBUS	0.26	0.49
tblVehicleEF	SBUS	1.53	3.20
tblVehicleEF	SBUS	1.20	2.62
tblVehicleEF	SBUS	6.0790e-003	5.7480e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.6420e-003	2.0500e-003
tblVehicleEF	SBUS	0.03	0.05
tblVehicleEF	SBUS	0.21	0.37
tblVehicleEF	SBUS	0.20	0.11
tblVehicleEF	SBUS	8.6960e-003	0.02
tblVehicleEF	SBUS	0.30	0.55
tblVehicleEF	SBUS	1.53	3.20
tblVehicleEF	SBUS	1.29	2.80
tblVehicleEF	SBUS	7.5080e-003	4.0730e-003
tblVehicleEF	SBUS	7.2990e-003	4.2060e-003
tblVehicleEF	SBUS	1.47	0.72
tblVehicleEF	SBUS	2.28	7.01
tblVehicleEF	SBUS	16.67	33.55
tblVehicleEF	SBUS	607.53	596.75
tblVehicleEF	SBUS	925.92	994.88
tblVehicleEF	SBUS	115.30	123.07
tblVehicleEF	SBUS	5.8600e-004	6.5600e-004
tblVehicleEF	SBUS	3.76	8.00

tblVehicleEF	SBUS	2.82	6.21
tblVehicleEF	SBUS	1.91	3.23
tblVehicleEF	SBUS	6.4530e-003	0.01
tblVehicleEF	SBUS	0.41	0.45
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	1.3950e-003	6.6200e-003
tblVehicleEF	SBUS	5.9370e-003	0.01
tblVehicleEF	SBUS	0.18	0.19
tblVehicleEF	SBUS	2.5290e-003	2.5830e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	1.2940e-003	5.8290e-003
tblVehicleEF	SBUS	0.07	0.14
tblVehicleEF	SBUS	0.25	0.42
tblVehicleEF	SBUS	0.16	0.09
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.27	0.49
tblVehicleEF	SBUS	1.32	2.80
tblVehicleEF	SBUS	1.06	2.24
tblVehicleEF	SBUS	6.4400e-003	6.0890e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.5740e-003	1.9110e-003
tblVehicleEF	SBUS	0.07	0.14
tblVehicleEF	SBUS	0.25	0.42
tblVehicleEF	SBUS	0.18	0.10
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.31	0.56
tblVehicleEF	SBUS	1.32	2.80
tblVehicleEF	SBUS	1.13	2.40
tblVehicleEF	SBUS	8.6010e-003	4.6660e-003

tblVehicleEF	SBUS	7.2990e-003	4.2060e-003
tblVehicleEF	SBUS	2.79	1.37
tblVehicleEF	SBUS	2.16	6.96
tblVehicleEF	SBUS	25.31	50.97
tblVehicleEF	SBUS	526.41	517.07
tblVehicleEF	SBUS	925.92	994.88
tblVehicleEF	SBUS	115.30	123.07
tblVehicleEF	SBUS	5.8600e-004	6.5600e-004
tblVehicleEF	SBUS	3.48	7.40
tblVehicleEF	SBUS	3.11	6.83
tblVehicleEF	SBUS	2.23	3.78
tblVehicleEF	SBUS	9.3140e-003	0.02
tblVehicleEF	SBUS	0.41	0.45
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	1.3950e-003	6.6200e-003
tblVehicleEF	SBUS	8.5690e-003	0.02
tblVehicleEF	SBUS	0.18	0.19
tblVehicleEF	SBUS	2.5290e-003	2.5830e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	1.2940e-003	5.8290e-003
tblVehicleEF	SBUS	9.9050e-003	0.02
tblVehicleEF	SBUS	0.21	0.40
tblVehicleEF	SBUS	0.19	0.10
tblVehicleEF	SBUS	4.3320e-003	6.6030e-003
tblVehicleEF	SBUS	0.26	0.48
tblVehicleEF	SBUS	1.98	4.06
tblVehicleEF	SBUS	1.36	3.02
tblVehicleEF	SBUS	5.5800e-003	5.2760e-003
tblVehicleEF	SBUS	0.01	0.01

tblVehicleEF	SBUS	1.7190e-003	2.2090e-003
tblVehicleEF	SBUS	9.9050e-003	0.02
tblVehicleEF	SBUS	0.21	0.40
tblVehicleEF	SBUS	0.21	0.11
tblVehicleEF	SBUS	4.3320e-003	6.6030e-003
tblVehicleEF	SBUS	0.30	0.54
tblVehicleEF	SBUS	1.98	4.06
tblVehicleEF	SBUS	1.45	3.23
tblVehicleEF	UBUS	3.08	8.27
tblVehicleEF	UBUS	11.53	19.01
tblVehicleEF	UBUS	1,708.50	1,981.29
tblVehicleEF	UBUS	32.79	35.14
tblVehicleEF	UBUS	1.1650e-003	1.1530e-003
tblVehicleEF	UBUS	5.21	13.16
tblVehicleEF	UBUS	1.64	2.10
tblVehicleEF	UBUS	0.09	0.19
tblVehicleEF	UBUS	3.0900e-004	1.4610e-003
tblVehicleEF	UBUS	0.08	0.18
tblVehicleEF	UBUS	2.8700e-004	1.2780e-003
tblVehicleEF	UBUS	5.7290e-003	0.01
tblVehicleEF	UBUS	0.07	0.17
tblVehicleEF	UBUS	2.3280e-003	4.2480e-003
tblVehicleEF	UBUS	0.33	0.97
tblVehicleEF	UBUS	0.59	1.19
tblVehicleEF	UBUS	0.87	1.48
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	5.7200e-004	7.2100e-004
tblVehicleEF	UBUS	5.7290e-003	0.01
tblVehicleEF	UBUS	0.07	0.17
tblVehicleEF	UBUS	2.3280e-003	4.2480e-003

tblVehicleEF	UBUS	0.37	1.07
tblVehicleEF	UBUS	0.59	1.19
tblVehicleEF	UBUS	0.93	1.59
tblVehicleEF	UBUS	3.14	8.42
tblVehicleEF	UBUS	9.06	14.92
tblVehicleEF	UBUS	1,708.50	1,981.29
tblVehicleEF	UBUS	32.79	35.14
tblVehicleEF	UBUS	1.1650e-003	1.1530e-003
tblVehicleEF	UBUS	4.90	12.41
tblVehicleEF	UBUS	1.53	1.96
tblVehicleEF	UBUS	0.09	0.19
tblVehicleEF	UBUS	3.0900e-004	1.4610e-003
tblVehicleEF	UBUS	0.08	0.18
tblVehicleEF	UBUS	2.8700e-004	1.2780e-003
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.10	0.21
tblVehicleEF	UBUS	5.0680e-003	9.6120e-003
tblVehicleEF	UBUS	0.34	0.98
tblVehicleEF	UBUS	0.55	1.14
tblVehicleEF	UBUS	0.76	1.28
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	5.3000e-004	6.5000e-004
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.10	0.21
tblVehicleEF	UBUS	5.0680e-003	9.6120e-003
tblVehicleEF	UBUS	0.38	1.08
tblVehicleEF	UBUS	0.55	1.14
tblVehicleEF	UBUS	0.81	1.36
tblVehicleEF	UBUS	3.02	8.29
tblVehicleEF	UBUS	14.25	23.59

tblVehicleEF	UBUS	1,708.50	1,981.29
tblVehicleEF	UBUS	32.79	35.14
tblVehicleEF	UBUS	1.1650e-003	1.1530e-003
tblVehicleEF	UBUS	5.34	13.45
tblVehicleEF	UBUS	1.74	2.23
tblVehicleEF	UBUS	0.09	0.19
tblVehicleEF	UBUS	3.0900e-004	1.4610e-003
tblVehicleEF	UBUS	0.08	0.18
tblVehicleEF	UBUS	2.8700e-004	1.2780e-003
tblVehicleEF	UBUS	2.1520e-003	3.9000e-003
tblVehicleEF	UBUS	0.06	0.19
tblVehicleEF	UBUS	1.1070e-003	1.8040e-003
tblVehicleEF	UBUS	0.33	0.96
tblVehicleEF	UBUS	0.75	1.44
tblVehicleEF	UBUS	0.99	1.71
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	6.1900e-004	8.0000e-004
tblVehicleEF	UBUS	2.1520e-003	3.9000e-003
tblVehicleEF	UBUS	0.06	0.19
tblVehicleEF	UBUS	1.1070e-003	1.8040e-003
tblVehicleEF	UBUS	0.37	1.05
tblVehicleEF	UBUS	0.75	1.44
tblVehicleEF	UBUS	1.06	1.83
tblVehicleTrips	WD_TR	6.59	6.65
tblVehicleTrips	WD_TR	6.59	6.65
tblVehicleTrips	WD_TR	6.97	12.44
tblVehicleTrips	WD_TR	11.01	17.91
tblVehicleTrips	WD_TR	42.94	42.70
tblVehicleTrips	WD_TR	9.57	9.52
tblWoodstoves	NumberCatalytic	10.00	0.00

tblWoodstoves	NumberCatalytic	9.00	0.00
tblWoodstoves	NumberCatalytic	167.90	0.00
tblWoodstoves	NumberNoncatalytic	10.00	0.00
tblWoodstoves	NumberNoncatalytic	9.00	0.00
tblWoodstoves	NumberNoncatalytic	167.90	0.00

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	4.9096	51.8170	40.1906	0.0415	18.2141	2.7553	20.9695	9.9699	2.5349	12.5048	0.0000	4,161.1476	4,161.1476	1.2333	0.0000	4,187.0472
2018	5.3609	59.5973	43.1012	0.0639	18.2141	2.7893	20.5806	9.9699	2.5661	12.1471	0.0000	6,374.8879	6,374.8879	1.9412	0.0000	6,415.6534
2019	13.2382	69.7281	136.6908	0.3717	19.0897	2.5061	21.2637	5.1492	2.3057	7.1759	0.0000	31,098.8126	31,098.8126	1.9402	0.0000	31,139.5560
2020	12.2205	60.6486	129.1853	0.3715	19.0902	1.9055	20.9957	5.1494	1.7765	6.9259	0.0000	30,180.0316	30,180.0316	1.2919	0.0000	30,207.1613
2021	11.4250	51.6061	123.2092	0.3717	19.0910	1.6665	20.7575	5.1497	1.5533	6.7031	0.0000	29,974.2026	29,974.2026	1.2607	0.0000	30,000.6767
2022	10.8553	46.0500	118.5682	0.3715	19.0918	1.5051	20.5969	5.1501	1.4024	6.5525	0.0000	29,770.8296	29,770.8296	1.2355	0.0000	29,796.7754
2023	10.0770	40.9535	112.6534	0.3712	19.0925	1.3563	20.4488	5.1504	1.2633	6.4137	0.0000	29,573.9006	29,573.9006	1.2036	0.0000	29,599.1753
2024	9.6553	39.7493	109.2045	0.3712	19.0933	1.2735	20.3668	5.1507	1.1851	6.3359	0.0000	29,431.1789	29,431.1789	1.1852	0.0000	29,456.0684
2025	9.3315	38.5638	106.5843	0.3712	19.0940	1.1908	20.2848	5.1510	1.1073	6.2584	0.0000	29,305.1338	29,305.1338	1.1681	0.0000	29,329.6640
2026	9.0775	38.2371	103.7356	0.3715	19.0948	1.1878	20.2826	5.1513	1.1045	6.2559	0.0000	29,209.5468	29,209.5468	1.1529	0.0000	29,233.7572
2027	8.8977	38.0459	101.9497	0.3715	19.0956	1.1895	20.2851	5.1517	1.1062	6.2578	0.0000	29,115.9389	29,115.9389	1.1419	0.0000	29,139.9182

2028	8.7375	37.8576	100.3812	0.3716	19.0963	1.1898	20.2861	5.1520	1.1064	6.2584	0.0000	29,036.0602	29,036.0602	1.1317	0.0000	29,059.8263
2029	8.5693	37.6967	98.8498	0.3716	19.0970	1.1905	20.2875	5.1522	1.1071	6.2593	0.0000	28,968.3214	28,968.3214	1.1222	0.0000	28,991.8880
2030	188.7987	7.0049	15.8459	0.0421	2.9737	0.3243	3.0170	0.7888	0.3243	0.8304	0.0000	2,753.4649	2,753.4649	0.1253	0.0000	2,756.0967
2031	188.7705	1.4383	9.4850	0.0421	2.9737	0.0433	3.0171	0.7888	0.0416	0.8304	0.0000	2,743.5195	2,743.5195	0.0931	0.0000	2,745.4749
2032	188.7429	1.4222	9.3191	0.0421	2.9737	0.0433	3.0171	0.7888	0.0417	0.8304	0.0000	2,735.2519	2,735.2519	0.0918	0.0000	2,737.1795
Total	688.6673	620.4164	1,358.9538	4.3179	255.3756	22.1170	276.4566	78.9639	20.5264	98.5398	0.0000	344,432.288	344,432.288	17.3185	0.0000	344,795.9184

Mitigated Construction

Year	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
	lb/day										lb/day					
2017	4.9096	51.8170	40.1906	0.0415	18.2141	2.7553	20.9695	9.9699	2.5349	12.5048	0.0000	4,161.1476	4,161.1476	1.2333	0.0000	4,187.0472
2018	5.3609	59.5973	43.1012	0.0639	18.2141	2.7893	20.5806	9.9699	2.5661	12.1471	0.0000	6,374.8879	6,374.8879	1.9412	0.0000	6,415.6534
2019	13.2382	69.7281	136.6908	0.3717	19.0897	2.5061	21.2637	5.1492	2.3057	7.1759	0.0000	31,098.8126	31,098.8126	1.9402	0.0000	31,139.5560
2020	12.2205	60.6486	129.1853	0.3715	19.0902	1.9055	20.9957	5.1494	1.7765	6.9259	0.0000	30,180.0316	30,180.0316	1.2919	0.0000	30,207.1613
2021	11.4250	51.6061	123.2092	0.3717	19.0910	1.6665	20.7575	5.1497	1.5533	6.7031	0.0000	29,974.2026	29,974.2026	1.2607	0.0000	30,000.6767
2022	10.8553	46.0500	118.5682	0.3715	19.0918	1.5051	20.5969	5.1501	1.4024	6.5525	0.0000	29,770.8296	29,770.8296	1.2355	0.0000	29,796.7754
2023	10.0770	40.9535	112.6534	0.3712	19.0925	1.3563	20.4488	5.1504	1.2633	6.4137	0.0000	29,573.9006	29,573.9006	1.2036	0.0000	29,599.1753
2024	9.6553	39.7493	109.2045	0.3712	19.0933	1.2735	20.3668	5.1507	1.1851	6.3359	0.0000	29,431.1789	29,431.1789	1.1852	0.0000	29,456.0684
2025	9.3315	38.5638	106.5843	0.3712	19.0940	1.1908	20.2848	5.1510	1.1073	6.2584	0.0000	29,305.1338	29,305.1338	1.1681	0.0000	29,329.6640
2026	9.0775	38.2371	103.7356	0.3715	19.0948	1.1878	20.2826	5.1513	1.1045	6.2559	0.0000	29,209.5468	29,209.5468	1.1529	0.0000	29,233.7572
2027	8.8977	38.0459	101.9497	0.3715	19.0956	1.1895	20.2851	5.1517	1.1062	6.2578	0.0000	29,115.9389	29,115.9389	1.1419	0.0000	29,139.9181

2028	8.7375	37.8576	100.3812	0.3716	19.0963	1.1898	20.2861	5.1520	1.1064	6.2584	0.0000	29,036.0602	29,036.0602	1.1317	0.0000	29,059.8263
2029	8.5693	37.6967	98.8498	0.3716	19.0970	1.1905	20.2875	5.1522	1.1071	6.2593	0.0000	28,968.3213	28,968.3213	1.1222	0.0000	28,991.8880
2030	188.7987	7.0049	15.8459	0.0421	2.9737	0.3243	3.0170	0.7888	0.3243	0.8304	0.0000	2,753.4649	2,753.4649	0.1253	0.0000	2,756.0967
2031	188.7705	1.4383	9.4850	0.0421	2.9737	0.0433	3.0171	0.7888	0.0416	0.8304	0.0000	2,743.5195	2,743.5195	0.0931	0.0000	2,745.4749
2032	188.7429	1.4222	9.3191	0.0421	2.9737	0.0433	3.0171	0.7888	0.0417	0.8304	0.0000	2,735.2519	2,735.2519	0.0918	0.0000	2,737.1795
Total	688.6673	620.4164	1,358.9538	4.3179	255.3756	22.1170	276.4566	78.9639	20.5264	98.5398	0.0000	344,432.288	344,432.288	17.3185	0.0000	344,795.9183

	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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	139.4213	1.2850	111.5458	5.9100e-003		2.3959	2.3959		2.3772	2.3772	0.0000	28,247.4833	28,247.4833	0.7299	0.5142	28,422.2055
Energy	1.8249	15.9957	9.5759	0.0995		1.2609	1.2609		1.2609	1.2609		19,908.2570	19,908.2570	0.3816	0.3650	20,029.4154
Mobile	165.5189	432.1386	1,529.4728	3.6778	212.8524	6.5008	219.3532	56.9533	5.9856	62.9389		306,568.5587	306,568.5587	10.1799		306,782.3375
Total	306.7651	449.4193	1,650.5945	3.7832	212.8524	10.1575	223.0099	56.9533	9.6236	66.5769	0.0000	354,724.2991	354,724.2991	11.2914	0.8792	355,233.9584

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	139.4213	1.2850	111.5458	5.9100e-003		2.3959	2.3959		2.3772	2.3772	0.0000	28,247.4833	28,247.4833	0.7299	0.5142	28,422.2055
Energy	1.8249	15.9957	9.5759	0.0995		1.2609	1.2609		1.2609	1.2609		19,908.2570	19,908.2570	0.3816	0.3650	20,029.4154
Mobile	165.5189	432.1386	1,529.4728	3.6778	212.8524	6.5008	219.3532	56.9533	5.9856	62.9389		306,568.5587	306,568.5587	10.1799		306,782.3375
Total	306.7651	449.4193	1,650.5945	3.7832	212.8524	10.1575	223.0099	56.9533	9.6236	66.5769	0.0000	354,724.2991	354,724.2991	11.2914	0.8792	355,233.9584

	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2017	2/1/2017	5	23	
2	Site Preparation	Site Preparation	2/2/2017	1/3/2018	5	240	
3	Grading	Grading	1/4/2018	3/13/2019	5	310	
4	Building Construction	Building Construction	3/14/2019	3/15/2029	5	2611	
5	Paving	Paving	3/16/2029	11/21/2030	5	440	
6	Architectural Coating	Architectural Coating	11/22/2030	7/29/2032	5	440	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1353

Acres of Paving: 0

Residential Indoor: 4,448,925; Residential Outdoor: 1,482,975; Non-Residential Indoor: 4,474,123; Non-Residential Outdoor: 1,491,374

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Excavators	3	8.00	162	0.38
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Excavators	2	8.00	162	0.38
Building Construction	Cranes	1	7.00	226	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Paving	Pavers	2	8.00	125	0.42
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	2	8.00	255	0.40
Grading	Rubber Tired Dozers	1	8.00	255	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Graders	1	8.00	174	0.41
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Paving Equipment	2	8.00	130	0.36
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	3	8.00	255	0.40
Grading	Scrapers	2	8.00	361	0.48
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	1,810.00	634.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Architectural Coating	1	362.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHTD
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3.1 Mitigation Measures Construction

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					
Off-Road	4.0482	42.6971	33.8934	0.0399		2.1252	2.1252		1.9797	1.9797		4,036.4674	4,036.4674	1.1073		4,059.7211
Total	4.0482	42.6971	33.8934	0.0399		2.1252	2.1252		1.9797	1.9797		4,036.4674	4,036.4674	1.1073		4,059.7211

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	0.0595	0.0529	0.6613	1.6000e-003	0.1232	9.3000e-004	0.1242	0.0327	8.5000e-004	0.0335		124.6802	124.6802	5.6500e-003		124.7988
Total	0.0595	0.0529	0.6613	1.6000e-003	0.1232	9.3000e-004	0.1242	0.0327	8.5000e-004	0.0335		124.6802	124.6802	5.6500e-003		124.7988

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	4.0482	42.6971	33.8934	0.0399		2.1252	2.1252		1.9797	1.9797	0.0000	4,036.4674	4,036.4674	1.1073		4,059.7211
Total	4.0482	42.6971	33.8934	0.0399		2.1252	2.1252		1.9797	1.9797	0.0000	4,036.4674	4,036.4674	1.1073		4,059.7211

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	0.0595	0.0529	0.6613	1.6000e-003	0.1232	9.3000e-004	0.1242	0.0327	8.5000e-004	0.0335		124.6802	124.6802	5.6500e-003		124.7988
Total	0.0595	0.0529	0.6613	1.6000e-003	0.1232	9.3000e-004	0.1242	0.0327	8.5000e-004	0.0335		124.6802	124.6802	5.6500e-003		124.7988

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
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Category	lb/day										lb/day				
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000		0.0000
Off-Road	4.8382	51.7535	39.3970	0.0391		2.7542	2.7542		2.5339	2.5339		4,003.0859	4,003.0859	1.2265	4,028.8432
Total	4.8382	51.7535	39.3970	0.0391	18.0663	2.7542	20.8205	9.9307	2.5339	12.4646		4,003.0859	4,003.0859	1.2265	4,028.8432

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	0.0714	0.0635	0.7935	1.9200e-003	0.1479	1.1100e-003	0.1490	0.0392	1.0200e-003	0.0402		149.6163	149.6163	6.7800e-003		149.7586
Total	0.0714	0.0635	0.7935	1.9200e-003	0.1479	1.1100e-003	0.1490	0.0392	1.0200e-003	0.0402		149.6163	149.6163	6.7800e-003		149.7586

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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.8382	51.7535	39.3970	0.0391		2.7542	2.7542		2.5339	2.5339	0.0000	4,003.0859	4,003.0859	1.2265		4,028.8432

Total	4.8382	51.7535	39.3970	0.0391	18.0663	2.7542	20.8205	9.9307	2.5339	12.4646	0.0000	4,003.0859	4,003.0859	1.2265		4,028.8432
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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	0.0714	0.0635	0.7935	1.9200e-003	0.1479	1.1100e-003	0.1490	0.0392	1.0200e-003	0.0402		149.6163	149.6163	6.7800e-003		149.7586
Total	0.0714	0.0635	0.7935	1.9200e-003	0.1479	1.1100e-003	0.1490	0.0392	1.0200e-003	0.0402		149.6163	149.6163	6.7800e-003		149.7586

3.3 Site Preparation - 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					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.2921	45.6088	36.2346	0.0391		2.3654	2.3654		2.1762	2.1762		3,939.7731	3,939.7731	1.2265		3,965.5297
Total	4.2921	45.6088	36.2346	0.0391	18.0663	2.3654	20.4317	9.9307	2.1762	12.1069		3,939.7731	3,939.7731	1.2265		3,965.5297

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	0.0642	0.0572	0.7150	1.9400e-003	0.1479	1.1100e-003	0.1490	0.0392	1.0300e-003	0.0403		145.8754	145.8754	6.3700e-003		146.0093
Total	0.0642	0.0572	0.7150	1.9400e-003	0.1479	1.1100e-003	0.1490	0.0392	1.0300e-003	0.0403		145.8754	145.8754	6.3700e-003		146.0093

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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.2921	45.6088	36.2346	0.0391		2.3654	2.3654		2.1762	2.1762	0.0000	3,939.7731	3,939.7731	1.2265		3,965.5297
Total	4.2921	45.6088	36.2346	0.0391	18.0663	2.3654	20.4317	9.9307	2.1762	12.1069	0.0000	3,939.7731	3,939.7731	1.2265		3,965.5297

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	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	0.0642	0.0572	0.7150	1.9400e-003	0.1479	1.1100e-003	0.1490	0.0392	1.0300e-003	0.0403		145.8754	145.8754	6.3700e-003		146.0093
Total	0.0642	0.0572	0.7150	1.9400e-003	0.1479	1.1100e-003	0.1490	0.0392	1.0300e-003	0.0403		145.8754	145.8754	6.3700e-003		146.0093

3.4 Grading - 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						
Fugitive Dust					10.6507	0.0000	10.6507	3.8100	0.0000	3.8100			0.0000				0.0000
Off-Road	5.2895	59.5338	42.3068	0.0617		2.7880	2.7880		2.5650	2.5650		6,212.8042	6,212.8042	1.9341			6,253.4209
Total	5.2895	59.5338	42.3068	0.0617	10.6507	2.7880	13.4387	3.8100	2.5650	6.3750		6,212.8042	6,212.8042	1.9341			6,253.4209

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	0.0713	0.0636	0.7944	2.1500e-003	0.1643	1.2300e-003	0.1655	0.0436	1.1400e-003	0.0447		162.0838	162.0838	7.0800e-003		162.2325

Total	0.0713	0.0636	0.7944	2.1500e-003	0.1643	1.2300e-003	0.1655	0.0436	1.1400e-003	0.0447		162.0838	162.0838	7.0800e-003		162.2325
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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Fugitive Dust					10.6507	0.0000	10.6507	3.8100	0.0000	3.8100			0.0000				0.0000
Off-Road	5.2895	59.5338	42.3068	0.0617		2.7880	2.7880		2.5650	2.5650	0.0000	6,212.8041	6,212.8041	1.9341			6,253.4209
Total	5.2895	59.5338	42.3068	0.0617	10.6507	2.7880	13.4387	3.8100	2.5650	6.3750	0.0000	6,212.8041	6,212.8041	1.9341			6,253.4209

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	0.0713	0.0636	0.7944	2.1500e-003	0.1643	1.2300e-003	0.1655	0.0436	1.1400e-003	0.0447		162.0838	162.0838	7.0800e-003			162.2325
Total	0.0713	0.0636	0.7944	2.1500e-003	0.1643	1.2300e-003	0.1655	0.0436	1.1400e-003	0.0447		162.0838	162.0838	7.0800e-003			162.2325

3.4 Grading - 2019

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					10.6507	0.0000	10.6507	3.8100	0.0000	3.8100			0.0000			0.0000
Off-Road	4.8912	54.1978	40.2888	0.0617		2.5049	2.5049		2.3045	2.3045		6,111.3121	6,111.3121	1.9336		6,151.9167
Total	4.8912	54.1978	40.2888	0.0617	10.6507	2.5049	13.1556	3.8100	2.3045	6.1145		6,111.3121	6,111.3121	1.9336		6,151.9167

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	0.0652	0.0579	0.7253	2.1500e-003	0.1643	1.2200e-003	0.1655	0.0436	1.1300e-003	0.0447		156.3556	156.3556	6.6100e-003		156.4944
Total	0.0652	0.0579	0.7253	2.1500e-003	0.1643	1.2200e-003	0.1655	0.0436	1.1300e-003	0.0447		156.3556	156.3556	6.6100e-003		156.4944

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					10.6507	0.0000	10.6507	3.8100	0.0000	3.8100			0.0000			0.0000
Off-Road	4.8912	54.1978	40.2888	0.0617		2.5049	2.5049		2.3045	2.3045	0.0000	6,111.3121	6,111.3121	1.9336		6,151.9167
Total	4.8912	54.1978	40.2888	0.0617	10.6507	2.5049	13.1556	3.8100	2.3045	6.1145	0.0000	6,111.3121	6,111.3121	1.9336		6,151.9167

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	0.0652	0.0579	0.7253	2.1500e-003	0.1643	1.2200e-003	0.1655	0.0436	1.1300e-003	0.0447		156.3556	156.3556	6.6100e-003		156.4944
Total	0.0652	0.0579	0.7253	2.1500e-003	0.1643	1.2200e-003	0.1655	0.0436	1.1300e-003	0.0447		156.3556	156.3556	6.6100e-003		156.4944

3.5 Building Construction - 2019

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	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083		2,580.7618	2,580.7618	0.6279		2,593.9479
Total	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083		2,580.7618	2,580.7618	0.6279		2,593.9479

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	4.9836	43.5218	53.9275	0.1500	4.2210	0.7786	4.9997	1.2054	0.7162	1.9216		14,367.8654	14,367.8654	0.1136		14,370.2512
Worker	5.9029	5.2413	65.6429	0.1949	14.8687	0.1102	14.9790	3.9439	0.1022	4.0461		14,150.1854	14,150.1854	0.5979		14,162.7405
Total	10.8865	48.7631	119.5704	0.3449	19.0897	0.8889	19.9786	5.1492	0.8184	5.9676		28,518.0508	28,518.0508	0.7115		28,532.9917

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	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083	0.0000	2,580.7618	2,580.7618	0.6279		2,593.9479
Total	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083	0.0000	2,580.7618	2,580.7618	0.6279		2,593.9479

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	4.9836	43.5218	53.9275	0.1500	4.2210	0.7786	4.9997	1.2054	0.7162	1.9216		14,367.8654	14,367.8654	0.1136		14,370.2512
Worker	5.9029	5.2413	65.6429	0.1949	14.8687	0.1102	14.9790	3.9439	0.1022	4.0461		14,150.1854	14,150.1854	0.5979		14,162.7405
Total	10.8865	48.7631	119.5704	0.3449	19.0897	0.8889	19.9786	5.1492	0.8184	5.9676		28,518.0508	28,518.0508	0.7115		28,532.9917

3.5 Building Construction - 2020
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	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880
Total	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880

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	4.6240	36.7279	51.5502	0.1498	4.2215	0.6829	4.9044	1.2056	0.6282	1.8338		14,040.1575	14,040.1575	0.1080		14,042.4252
Worker	5.4853	4.8368	60.8267	0.1949	14.8687	0.1098	14.9785	3.9439	0.1018	4.0457		13,597.3942	13,597.3942	0.5645		13,609.2481
Total	10.1093	41.5647	112.3769	0.3447	19.0902	0.7927	19.8829	5.1494	0.7300	5.8794		27,637.5517	27,637.5517	0.6725		27,651.6733

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	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880
Total	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880

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	4.6240	36.7279	51.5502	0.1498	4.2215	0.6829	4.9044	1.2056	0.6282	1.8338		14,040.1575	14,040.1575	0.1080		14,042.4252
Worker	5.4853	4.8368	60.8267	0.1949	14.8687	0.1098	14.9785	3.9439	0.1018	4.0457		13,597.3942	13,597.3942	0.5645		13,609.2481
Total	10.1093	41.5647	112.3769	0.3447	19.0902	0.7927	19.8829	5.1494	0.7300	5.8794		27,637.5517	27,637.5517	0.6725		27,651.6733

3.5 Building Construction - 2021

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	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979		2,542.7817	2,542.7817	0.6126		2,555.6462
Total	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979		2,542.7817	2,542.7817	0.6126		2,555.6462

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	4.3659	29.7482	49.3511	0.1496	4.2223	0.6011	4.8233	1.2059	0.5530	1.7589		14,019.6386	14,019.6386	0.1063		14,021.8702
Worker	5.1660	4.5177	57.3204	0.1953	14.8687	0.1105	14.9792	3.9439	0.1025	4.0464		13,411.7823	13,411.7823	0.5418		13,423.1604
Total	9.5319	34.2659	106.6715	0.3449	19.0910	0.7116	19.8026	5.1498	0.6555	5.8053		27,431.4209	27,431.4209	0.6481		27,445.0306

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	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979	0.0000	2,542.7817	2,542.7817	0.6126		2,555.6462
Total	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979	0.0000	2,542.7817	2,542.7817	0.6126		2,555.6462

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	4.3659	29.7482	49.3511	0.1496	4.2223	0.6011	4.8233	1.2059	0.5530	1.7589		14,019.6386	14,019.6386	0.1063		14,021.8702
Worker	5.1660	4.5177	57.3204	0.1953	14.8687	0.1105	14.9792	3.9439	0.1025	4.0464		13,411.7823	13,411.7823	0.5418		13,423.1604
Total	9.5319	34.2659	106.6715	0.3449	19.0910	0.7116	19.8026	5.1498	0.6555	5.8053		27,431.4209	27,431.4209	0.6481		27,445.0306

3.5 Building Construction - 2022

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	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581		2,543.7497	2,543.7497	0.6085		2,556.5286

Total	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581		2,543.749	2,543.7497	0.6085		2,556.528
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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	4.2778	26.2728	48.2190	0.1494	4.2231	0.5887	4.8118	1.2062	0.5416	1.7478		14,008.3088	14,008.3088	0.1078		14,010.5717
Worker	4.8783	4.2408	54.0217	0.1953	14.8687	0.1107	14.9794	3.9439	0.1027	4.0466		13,218.7711	13,218.7711	0.5192		13,229.6752
Total	9.1561	30.5136	102.2407	0.3447	19.0918	0.6994	19.7912	5.1501	0.6443	5.7944		27,227.0800	27,227.0800	0.6270		27,240.2468

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	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581	0.0000	2,543.7497	2,543.7497	0.6085		2,556.5286
Total	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581	0.0000	2,543.7497	2,543.7497	0.6085		2,556.5286

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	4.2778	26.2728	48.2190	0.1494	4.2231	0.5887	4.8118	1.2062	0.5416	1.7478		14,008.308	14,008.308	0.1078		14,010.5717
Worker	4.8783	4.2408	54.0217	0.1953	14.8687	0.1107	14.9794	3.9439	0.1027	4.0466		13,218.7711	13,218.7711	0.5192		13,229.6752
Total	9.1561	30.5136	102.2407	0.3447	19.0918	0.6994	19.7912	5.1501	0.6443	5.7944		27,227.0800	27,227.0800	0.6270		27,240.2468

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557		2,544.6262	2,544.6262	0.6044		2,557.3191
Total	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557		2,544.6262	2,544.6262	0.6044		2,557.3191

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
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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	0.0000
Vendor	3.8964	22.6424	45.4091	0.1491	4.2238	0.5486	4.7724	1.2065	0.5047	1.7112	13,982.6071	13,982.6071	0.0996	13,984.6993	
Worker	4.6145	3.9985	51.0351	0.1953	14.8687	0.1110	14.9797	3.9439	0.1030	4.0468	13,046.6673	13,046.6673	0.4995	13,057.1569	
Total	8.5109	26.6409	96.4442	0.3444	19.0925	0.6596	19.7521	5.1504	0.6077	5.7580	27,029.2744	27,029.2744	0.5991	27,041.8562	

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	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557	0.0000	2,544.6262	2,544.6262	0.6044		2,557.3191
Total	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557	0.0000	2,544.6262	2,544.6262	0.6044		2,557.3191

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		0.0000
Vendor	3.8964	22.6424	45.4091	0.1491	4.2238	0.5486	4.7724	1.2065	0.5047	1.7112	13,982.6071	13,982.6071	0.0996	13,984.6993		

Worker	4.6145	3.9985	51.0351	0.1953	14.8687	0.1110	14.9797	3.9439	0.1030	4.0468		13,046.6673	13,046.6673	0.4995		13,057.1569
Total	8.5109	26.6409	96.4442	0.3444	19.0925	0.6596	19.7521	5.1504	0.6077	5.7580		27,029.2744	27,029.2744	0.5991		27,041.8562

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744		2,545.1154	2,545.1154	0.6009		2,557.7349
Total	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744		2,545.1154	2,545.1154	0.6009		2,557.7349

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	3.8075	22.5790	44.3365	0.1491	4.2246	0.5513	4.7759	1.2068	0.5072	1.7140		13,986.1662	13,986.1662	0.0999		13,988.2649
Worker	4.3825	3.7929	48.7348	0.1953	14.8687	0.1117	14.9804	3.9439	0.1036	4.0475		12,899.8973	12,899.8973	0.4844		12,910.0686
Total	8.1900	26.3719	93.0713	0.3444	19.0933	0.6629	19.7562	5.1507	0.6108	5.7615		26,886.0635	26,886.0635	0.5843		26,898.3335

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	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744	0.0000	2,545.1154	2,545.1154	0.6009		2,557.7349
Total	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744	0.0000	2,545.1154	2,545.1154	0.6009		2,557.7349

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	3.8075	22.5790	44.3365	0.1491	4.2246	0.5513	4.7759	1.2068	0.5072	1.7140		13,986.1662	13,986.1662	0.0999		13,988.2649
Worker	4.3825	3.7929	48.7348	0.1953	14.8687	0.1117	14.9804	3.9439	0.1036	4.0475		12,899.8973	12,899.8973	0.4844		12,910.0686
Total	8.1900	26.3719	93.0713	0.3444	19.0933	0.6629	19.7562	5.1507	0.6108	5.7615		26,886.0635	26,886.0635	0.5843		26,898.3335

3.5 Building Construction - 2025

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
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Category	lb/day										lb/day				
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	2,545.8905	2,545.8905	0.5975		2,558.4386

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	3.7810	22.5329	43.8006	0.1491	4.2253	0.5536	4.7789	1.2071	0.5093	1.7164		13,989.5175	13,989.5175	0.1002		13,991.6220
Worker	4.1891	3.6211	46.7319	0.1953	14.8687	0.1123	14.9810	3.9439	0.1042	4.0480		12,769.7258	12,769.7258	0.4704		12,779.6034
Total	7.9701	26.1541	90.5325	0.3444	19.0940	0.6658	19.7598	5.1510	0.6134	5.7645		26,759.2433	26,759.2433	0.5706		26,771.2255

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	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386

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	3.7810	22.5329	43.8006	0.1491	4.2253	0.5536	4.7789	1.2071	0.5093	1.7164		13,989.5175	13,989.5175	0.1002		13,991.6220
Worker	4.1891	3.6211	46.7319	0.1953	14.8687	0.1123	14.9810	3.9439	0.1042	4.0480		12,769.7258	12,769.7258	0.4704		12,779.6034
Total	7.9701	26.1541	90.5325	0.3444	19.0940	0.6658	19.7598	5.1510	0.6134	5.7645		26,759.2433	26,759.2433	0.5706		26,771.2255

3.5 Building Construction - 2026

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	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386

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	3.7097	22.3550	42.9911	0.1491	4.2261	0.5501	4.7762	1.2075	0.5061	1.7136		13,992.4175	13,992.4175	0.0997		13,994.5121
Worker	4.0064	3.4724	44.6927	0.1955	14.8687	0.1126	14.9814	3.9439	0.1045	4.0484		12,671.2388	12,671.2388	0.4556		12,680.8065
Total	7.7161	25.8274	87.6838	0.3446	19.0948	0.6628	19.7576	5.1513	0.6106	5.7620		26,663.6563	26,663.6563	0.5554		26,675.3186

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	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386

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	0.0000	0.0000
Vendor	3.7097	22.3550	42.9911	0.1491	4.2261	0.5501	4.7762	1.2075	0.5061	1.7136		13,992.4175	13,992.4175	0.0997		13,994.5121
Worker	4.0064	3.4724	44.6927	0.1955	14.8687	0.1126	14.9814	3.9439	0.1045	4.0484		12,671.2388	12,671.2388	0.4556		12,680.8065
Total	7.7161	25.8274	87.6838	0.3446	19.0948	0.6628	19.7576	5.1513	0.6106	5.7620		26,663.6563	26,663.6563	0.5554		26,675.3186

3.5 Building Construction - 2027

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	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386

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	3.6957	22.2962	42.7324	0.1492	4.2268	0.5512	4.7780	1.2078	0.5071	1.7149		13,996.2759	13,996.2759	0.0999		13,998.3733
Worker	3.8405	3.3400	43.1655	0.1955	14.8687	0.1134	14.9821	3.9439	0.1052	4.0491		12,573.7725	12,573.7725	0.4445		12,583.1063

Total	7.5362	25.6362	85.8979	0.3447	19.0956	0.6645	19.7601	5.1517	0.6123	5.7639		26,570.04	26,570.048	0.5444		26,581.47
												84	4			96

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	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386

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	3.6957	22.2962	42.7324	0.1492	4.2268	0.5512	4.7780	1.2078	0.5071	1.7149		13,996.2759	13,996.2759	0.0999		13,998.3733
Worker	3.8405	3.3400	43.1655	0.1955	14.8687	0.1134	14.9821	3.9439	0.1052	4.0491		12,573.7725	12,573.7725	0.4445		12,583.1063
Total	7.5362	25.6362	85.8979	0.3447	19.0956	0.6645	19.7601	5.1517	0.6123	5.7639		26,570.0484	26,570.0484	0.5444		26,581.4796

3.5 Building Construction - 2028

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	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386

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	3.6933	22.2285	42.5242	0.1492	4.2276	0.5508	4.7784	1.2081	0.5068	1.7148		13,999.6613	13,999.6613	0.0998		14,001.7578
Worker	3.6828	3.2194	41.8052	0.1955	14.8687	0.1140	14.9827	3.9439	0.1058	4.0497		12,490.5084	12,490.5084	0.4344		12,499.6300
Total	7.3761	25.4479	84.3294	0.3447	19.0963	0.6648	19.7611	5.1520	0.6125	5.7645		26,490.1697	26,490.1697	0.5342		26,501.3878

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	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386

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	3.6933	22.2285	42.5242	0.1492	4.2276	0.5508	4.7784	1.2081	0.5068	1.7148		13,999.6613	13,999.6613	0.0998		14,001.7578
Worker	3.6828	3.2194	41.8052	0.1955	14.8687	0.1140	14.9827	3.9439	0.1058	4.0497		12,490.5084	12,490.5084	0.4344		12,499.6300
Total	7.3761	25.4479	84.3294	0.3447	19.0963	0.6648	19.7611	5.1520	0.6125	5.7645		26,490.1697	26,490.1697	0.5342		26,501.3878

3.5 Building Construction - 2029

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	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386

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	3.6809	22.1806	42.2738	0.1492	4.2282	0.5510	4.7792	1.2084	0.5069	1.7153		14,002.72 21	14,002.722 1	0.0999			14,004.81 93
Worker	3.5270	3.1065	40.5243	0.1955	14.8687	0.1145	14.9832	3.9439	0.1062	4.0501		12,419.70 87	12,419.708 7	0.4248			12,428.63 02
Total	7.2078	25.2870	82.7981	0.3447	19.0970	0.6655	19.7624	5.1522	0.6132	5.7654		26,422.43 08	26,422.430 8	0.5247			26,433.44 94

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	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.890 5	2,545.8905	0.5975			2,558.438 6
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.890 5	2,545.8905	0.5975			2,558.438 6

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	3.6809	22.1806	42.2738	0.1492	4.2282	0.5510	4.7792	1.2084	0.5069	1.7153		14,002.7221	14,002.7221	0.0999		14,004.8193
Worker	3.5270	3.1065	40.5243	0.1955	14.8687	0.1145	14.9832	3.9439	0.1062	4.0501		12,419.7087	12,419.7087	0.4248		12,428.6302
Total	7.2078	25.2870	82.7981	0.3447	19.0970	0.6655	19.7624	5.1522	0.6132	5.7654		26,422.4308	26,422.4308	0.5247		26,433.4494

3.6 Paving - 2029

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	0.8973	8.4215	14.2781	0.0223		0.4109	0.4109		0.3781	0.3781		2,159.7967	2,159.7967	0.6985		2,174.4656
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.8973	8.4215	14.2781	0.0223		0.4109	0.4109		0.3781	0.3781		2,159.7967	2,159.7967	0.6985		2,174.4656

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	0.0000	0.0000
Worker	0.0292	0.0257	0.3358	1.6200e-003	0.1232	9.5000e-004	0.1242	0.0327	8.8000e-004	0.0336		102.9258	102.9258	3.5200e-003		102.9997
Total	0.0292	0.0257	0.3358	1.6200e-003	0.1232	9.5000e-004	0.1242	0.0327	8.8000e-004	0.0336		102.9258	102.9258	3.5200e-003		102.9997

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	0.8973	8.4215	14.2781	0.0223		0.4109	0.4109		0.3781	0.3781	0.0000	2,159.7967	2,159.7967	0.6985		2,174.4656
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.8973	8.4215	14.2781	0.0223		0.4109	0.4109		0.3781	0.3781	0.0000	2,159.7967	2,159.7967	0.6985		2,174.4656

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	0.0292	0.0257	0.3358	1.6200e-003	0.1232	9.5000e-004	0.1242	0.0327	8.8000e-004	0.0336		102.9258	102.9258	3.5200e-003		102.9997
Total	0.0292	0.0257	0.3358	1.6200e-003	0.1232	9.5000e-004	0.1242	0.0327	8.8000e-004	0.0336		102.9258	102.9258	3.5200e-003		102.9997

3.6 Paving - 2030

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	1.3549	6.9800	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234		2,599.9866	2,599.9866	0.1219		2,602.5460
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3549	6.9800	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234		2,599.9866	2,599.9866	0.1219		2,602.5460

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	0.0280	0.0249	0.3267	1.6200e-003	0.1232	9.5000e-004	0.1242	0.0327	8.8000e-004	0.0336		102.4316	102.4316	3.4500e-003		102.5041
Total	0.0280	0.0249	0.3267	1.6200e-003	0.1232	9.5000e-004	0.1242	0.0327	8.8000e-004	0.0336		102.4316	102.4316	3.4500e-003		102.5041

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	1.3549	6.9800	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234	0.0000	2,599.9866	2,599.9866	0.1219		2,602.5460
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3549	6.9800	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234	0.0000	2,599.9866	2,599.9866	0.1219		2,602.5460

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	0.0280	0.0249	0.3267	1.6200e-003	0.1232	9.5000e-004	0.1242	0.0327	8.8000e-004	0.0336		102.4316	102.4316	3.4500e-003		102.5041
Total	0.0280	0.0249	0.3267	1.6200e-003	0.1232	9.5000e-004	0.1242	0.0327	8.8000e-004	0.0336		102.4316	102.4316	3.4500e-003		102.5041

3.7 Architectural Coating - 2030

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	187.9924					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873
Total	188.1231	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873

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	0.6755	0.6009	7.8845	0.0391	2.9737	0.0230	2.9967	0.7888	0.0213	0.8101		2,472.0168	2,472.0168	0.0832		2,473.7649
Total	0.6755	0.6009	7.8845	0.0391	2.9737	0.0230	2.9967	0.7888	0.0213	0.8101		2,472.0168	2,472.0168	0.0832		2,473.7649

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	187.9924					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.6873
Total	188.1231	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.6873

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	0.6755	0.6009	7.8845	0.0391	2.9737	0.0230	2.9967	0.7888	0.0213	0.8101		2,472.0168	2,472.0168	0.0832			2,473.7649
Total	0.6755	0.6009	7.8845	0.0391	2.9737	0.0230	2.9967	0.7888	0.0213	0.8101		2,472.0168	2,472.0168	0.0832			2,473.7649

3.7 Architectural Coating - 2031

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	187.9924					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114			281.6873
Total	188.1231	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114			281.6873

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
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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		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
Worker	0.6473	0.5820	7.6872	0.0391	2.9737	0.0230	2.9967	0.7888	0.0213	0.8101		2,462.0714	2,462.0714	0.0817		2,463.7876
Total	0.6473	0.5820	7.6872	0.0391	2.9737	0.0230	2.9967	0.7888	0.0213	0.8101		2,462.0714	2,462.0714	0.0817		2,463.7876

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	187.9924					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.6873
Total	188.1231	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.6873

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	0.6473	0.5820	7.6872	0.0391	2.9737	0.0230	2.9967	0.7888	0.0213	0.8101		2,462.0714	2,462.0714	0.0817		2,463.7876
Total	0.6473	0.5820	7.6872	0.0391	2.9737	0.0230	2.9967	0.7888	0.0213	0.8101		2,462.0714	2,462.0714	0.0817		2,463.7876

3.7 Architectural Coating - 2032

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	187.9924					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873
Total	188.1231	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873

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	0.6198	0.5660	7.5214	0.0391	2.9737	0.0230	2.9968	0.7888	0.0214	0.8101		2,453.8038	2,453.8038	0.0804		2,455.4922
Total	0.6198	0.5660	7.5214	0.0391	2.9737	0.0230	2.9968	0.7888	0.0214	0.8101		2,453.8038	2,453.8038	0.0804		2,455.4922

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	187.9924					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.6873
Total	188.1231	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.6873

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	0.6198	0.5660	7.5214	0.0391	2.9737	0.0230	2.9968	0.7888	0.0214	0.8101		2,453.8038	2,453.8038	0.0804		2,455.4922
Total	0.6198	0.5660	7.5214	0.0391	2.9737	0.0230	2.9968	0.7888	0.0214	0.8101		2,453.8038	2,453.8038	0.0804		2,455.4922

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	165.5189	432.1386	1,529.4728	3.6778	212.8524	6.5008	219.3532	56.9533	5.9856	62.9389		306,568.5587	306,568.5587	10.1799		306,782.3375
Unmitigated	165.5189	432.1386	1,529.4728	3.6778	212.8524	6.5008	219.3532	56.9533	5.9856	62.9389		306,568.5587	306,568.5587	10.1799		306,782.3375

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	784.70	844.88	716.26	2,296,467	2,296,467
Apartments Mid Rise	1,197.00	1,288.80	1092.60	3,503,085	3,503,085
City Park	61.22	61.22	61.22	130,685	130,685
Elementary School	516.00	0.00	0.00	812,678	812,678
General Light Industry	11,227.88	1,191.38	613.74	24,167,106	24,167,106
General Office Building	1,618.83	214.22	88.58	2,866,663	2,866,663
Regional Shopping Center	11,925.98	13,956.47	7049.46	20,197,029	20,197,029
Single Family Housing	523.60	554.40	482.35	1,530,276	1,530,276
Single Family Housing	9,520.00	10,080.00	8770.00	27,823,200	27,823,200
Total	37,375.21	28,191.37	18,874.20	83,327,189	83,327,189

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
Apartments Low Rise	10.80	7.30	7.50	48.40	13.90	37.70	86	11	3
Apartments Mid Rise	10.80	7.30	7.50	48.40	13.90	37.70	86	11	3
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Elementary School	9.50	7.30	7.30	65.00	30.00	5.00	63	25	12
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Regional Shopping Center	9.50	7.30	7.30	16.30	64.70	19.00	54	35	11
Single Family Housing	10.80	7.30	7.50	48.40	13.90	37.70	86	11	3

Single Family Housing	10.80	7.30	7.50	48.40	13.90	37.70	86	11	3
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LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.435645	0.065590	0.158610	0.181188	0.054616	0.007833	0.019470	0.064481	0.001777	0.001153	0.006200	0.000656	0.002782

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.8249	15.9957	9.5759	0.0995		1.2609	1.2609		1.2609	1.2609		19,908.2570	19,908.2570	0.3816	0.3650	20,029.4154
NaturalGas Unmitigated	1.8249	15.9957	9.5759	0.0995		1.2609	1.2609		1.2609	1.2609		19,908.2570	19,908.2570	0.3816	0.3650	20,029.4154

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					
Apartments Low Rise	4766.58	0.0514	0.4393	0.1869	2.8000e-003		0.0355	0.0355		0.0355	0.0355		560.7740	560.7740	0.0108	0.0103	564.1868

Apartments Mid Rise	5722.92	0.0617	0.5274	0.2244	3.3700e-003		0.0426	0.0426		0.0426	0.0426		673.2841	673.2841	0.0129	0.0123	677.3816
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Elementary School	2412.36	0.0260	0.2365	0.1987	1.4200e-003		0.0180	0.0180		0.0180	0.0180		283.8069	283.8069	5.4400e-003	5.2000e-003	285.5341
General Light Industry	53807.6	0.5803	5.2753	4.4312	0.0317		0.4009	0.4009		0.4009	0.4009		6,330.3049	6,330.3049	0.1213	0.1161	6,368.8301
General Office Building	3397.56	0.0366	0.3331	0.2798	2.0000e-003		0.0253	0.0253		0.0253	0.0253		399.7130	399.7130	7.6600e-003	7.3300e-003	402.1456
Regional Shopping Center	8531.95	0.0920	0.8365	0.7026	5.0200e-003		0.0636	0.0636		0.0636	0.0636		1,003.7588	1,003.7588	0.0192	0.0184	1,009.8675
Single Family Housing	4722.24	0.0509	0.4352	0.1852	2.7800e-003		0.0352	0.0352		0.0352	0.0352		555.5582	555.5582	0.0107	0.0102	558.9392
Single Family Housing	85859	0.9259	7.9125	3.3670	0.0505		0.6397	0.6397		0.6397	0.6397		10,101.0572	10,101.0572	0.1936	0.1852	10,162.5306
Total		1.8249	15.9957	9.5759	0.0996		1.2609	1.2609		1.2609	1.2609		19,908.2570	19,908.2570	0.3816	0.3650	20,029.4154

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					
Apartments Mid Rise	5.72292	0.0617	0.5274	0.2244	3.3700e-003		0.0426	0.0426		0.0426	0.0426		673.2841	673.2841	0.0129	0.0123	677.3816
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Elementary School	2.41236	0.0260	0.2365	0.1987	1.4200e-003		0.0180	0.0180		0.0180	0.0180		283.8069	283.8069	5.4400e-003	5.2000e-003	285.5341
General Light Industry	53.8076	0.5803	5.2753	4.4312	0.0317		0.4009	0.4009		0.4009	0.4009		6,330.3049	6,330.3049	0.1213	0.1161	6,368.8301
General Office Building	3.39756	0.0366	0.3331	0.2798	2.0000e-003		0.0253	0.0253		0.0253	0.0253		399.7130	399.7130	7.6600e-003	7.3300e-003	402.1456
Regional Shopping Center	8.53195	0.0920	0.8365	0.7026	5.0200e-003		0.0636	0.0636		0.0636	0.0636		1,003.7588	1,003.7588	0.0192	0.0184	1,009.8675
Single Family Housing	4.72224	0.0509	0.4352	0.1852	2.7800e-003		0.0352	0.0352		0.0352	0.0352		555.5582	555.5582	0.0107	0.0102	558.9392
Single Family Housing	85.859	0.9259	7.9125	3.3670	0.0505		0.6397	0.6397		0.6397	0.6397		10,101.0572	10,101.0572	0.1936	0.1852	10,162.5306

Apartments Low Rise	4.76658	0.0514	0.4393	0.1869	2.8000e-003		0.0355	0.0355		0.0355	0.0355		560.7740	560.7740	0.0108	0.0103	564.1868
Total		1.8249	15.9957	9.5759	0.0996		1.2609	1.2609		1.2609	1.2609		19,908.2570	19,908.2570	0.3816	0.3650	20,029.4154

6.0 Area Detail

6.1 Mitigation Measures Area

	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	139.4213	1.2850	111.5458	5.9100e-003		2.3959	2.3959		2.3772	2.3772	0.0000	28,247.4833	28,247.4833	0.7299	0.5142	28,422.2055
Unmitigated	139.4213	1.2850	111.5458	5.9100e-003		2.3959	2.3959		2.3772	2.3772	0.0000	28,247.4833	28,247.4833	0.7299	0.5142	28,422.2055

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	22.6621					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	110.8466					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	2.5709	1.2000e-004	0.1402	0.0000		1.7763	1.7763		1.7576	1.7576	0.0000	28,046.1177	28,046.1177	0.5376	0.5142	28,216.8016
Landscaping	3.3417	1.2849	111.4055	5.9100e-003		0.6196	0.6196		0.6196	0.6196		201.3657	201.3657	0.1923		205.4039

Total	139.4213	1.2850	111.5458	5.9100e-003		2.3959	2.3959		2.3772	2.3772	0.0000	28,247.4833	28,247.4833	0.7299	0.5142	28,422.2055
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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	22.6621					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	110.8466					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	2.5709	1.2000e-004	0.1402	0.0000		1.7763	1.7763		1.7576	1.7576	0.0000	28,046.1177	28,046.1177	0.5376	0.5142	28,216.8016
Landscaping	3.3417	1.2849	111.4055	5.9100e-003		0.6196	0.6196		0.6196	0.6196		201.3657	201.3657	0.1923		205.4039
Total	139.4213	1.2850	111.5458	5.9100e-003		2.3959	2.3959		2.3772	2.3772	0.0000	28,247.4833	28,247.4833	0.7299	0.5142	28,422.2055

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Northwest Newman MP
Stanislaus County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	902.56	1000sqft	59.20	902,563.00	0
Regional Shopping Center	279.30	1000sqft	27.30	279,297.00	0
General Office Building	90.39	1000sqft	8.30	90,387.00	0
Single Family Housing	55.00	Dwelling Unit	18.40	99,000.00	187
Apartments Low Rise	118.00	Dwelling Unit	10.00	118,000.00	401
Single Family Housing	1,000.00	Dwelling Unit	149.50	1,800,000.00	3400
Apartments Mid Rise	180.00	Dwelling Unit	9.00	180,000.00	612
City Park	38.50	Acre	38.50	1,677,060.00	0
Elementary School	400.00	Student	10.00	33,441.35	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	46
Climate Zone	3			Operational Year	2035
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 & Non-Default Data

Project Characteristics -

Land Use - Details from the Master Plan and traffic study.

Construction Phase - Assumes relatively aggressive building construction over 10 years. Because the site is mostly flat and agricultural, demolition and grading were reduced from defaults.

Grading - The site is generally flat and this assumes grading will be generally balanced on site.

Vehicle Trips - Trip rates per the traffic study.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	6,200.00	2,611.00
tblConstructionPhase	NumDays	400.00	23.00
tblConstructionPhase	NumDays	620.00	310.00
tblGrading	AcresOfGrading	775.00	1,353.00
tblLandUse	LotAcreage	20.72	59.20
tblLandUse	LotAcreage	6.41	27.30
tblLandUse	LotAcreage	2.07	8.30
tblLandUse	LotAcreage	17.86	18.40
tblLandUse	LotAcreage	7.38	10.00
tblLandUse	LotAcreage	324.68	149.50
tblLandUse	LotAcreage	4.74	9.00
tblLandUse	LotAcreage	0.77	10.00
tblLandUse	Population	157.00	187.00
tblLandUse	Population	337.00	401.00
tblLandUse	Population	2,860.00	3,400.00
tblLandUse	Population	515.00	612.00
tblProjectCharacteristics	OperationalYear	2014	2035
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	9.6990e-003	0.01
tblVehicleEF	HHD	3.47	3.11
tblVehicleEF	HHD	1.12	1.27
tblVehicleEF	HHD	52.45	65.13
tblVehicleEF	HHD	527.64	548.66
tblVehicleEF	HHD	1,536.93	1,607.19
tblVehicleEF	HHD	49.32	52.49
tblVehicleEF	HHD	0.07	0.06
tblVehicleEF	HHD	3.21	4.14

tblVehicleEF	HHD	1.99	4.31
tblVehicleEF	HHD	3.10	3.65
tblVehicleEF	HHD	8.9870e-003	0.01
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.07	0.08
tblVehicleEF	HHD	3.2900e-004	1.8430e-003
tblVehicleEF	HHD	8.2680e-003	0.01
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.9130e-003	8.8970e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	3.0500e-004	1.6410e-003
tblVehicleEF	HHD	1.7690e-003	2.4600e-003
tblVehicleEF	HHD	0.07	0.09
tblVehicleEF	HHD	0.62	0.56
tblVehicleEF	HHD	1.0270e-003	1.2810e-003
tblVehicleEF	HHD	0.21	0.23
tblVehicleEF	HHD	0.43	0.52
tblVehicleEF	HHD	0.83	1.85
tblVehicleEF	HHD	5.5930e-003	5.5980e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.3960e-003	1.6410e-003
tblVehicleEF	HHD	1.7690e-003	2.4600e-003
tblVehicleEF	HHD	0.07	0.09
tblVehicleEF	HHD	0.70	0.63
tblVehicleEF	HHD	1.0270e-003	1.2810e-003
tblVehicleEF	HHD	0.24	0.27
tblVehicleEF	HHD	0.43	0.52
tblVehicleEF	HHD	0.89	1.98
tblVehicleEF	HHD	0.03	0.02

tblVehicleEF	HHD	9.6990e-003	0.01
tblVehicleEF	HHD	2.52	2.26
tblVehicleEF	HHD	1.12	1.28
tblVehicleEF	HHD	38.42	46.60
tblVehicleEF	HHD	558.99	581.26
tblVehicleEF	HHD	1,536.93	1,607.19
tblVehicleEF	HHD	49.32	52.49
tblVehicleEF	HHD	0.07	0.06
tblVehicleEF	HHD	3.31	4.28
tblVehicleEF	HHD	1.89	4.10
tblVehicleEF	HHD	2.92	3.44
tblVehicleEF	HHD	7.5760e-003	0.01
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.07	0.08
tblVehicleEF	HHD	3.2900e-004	1.8430e-003
tblVehicleEF	HHD	6.9700e-003	9.2050e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.9130e-003	8.8970e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	3.0500e-004	1.6410e-003
tblVehicleEF	HHD	4.1820e-003	6.4800e-003
tblVehicleEF	HHD	0.07	0.11
tblVehicleEF	HHD	0.58	0.52
tblVehicleEF	HHD	1.9970e-003	3.0210e-003
tblVehicleEF	HHD	0.21	0.23
tblVehicleEF	HHD	0.42	0.53
tblVehicleEF	HHD	0.70	1.46
tblVehicleEF	HHD	5.9260e-003	5.9310e-003
tblVehicleEF	HHD	0.02	0.02

tblVehicleEF	HHD	1.1720e-003	1.3380e-003
tblVehicleEF	HHD	4.1820e-003	6.4800e-003
tblVehicleEF	HHD	0.07	0.11
tblVehicleEF	HHD	0.66	0.60
tblVehicleEF	HHD	1.9970e-003	3.0210e-003
tblVehicleEF	HHD	0.24	0.27
tblVehicleEF	HHD	0.42	0.53
tblVehicleEF	HHD	0.75	1.56
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	9.6990e-003	0.01
tblVehicleEF	HHD	4.79	4.28
tblVehicleEF	HHD	1.11	1.26
tblVehicleEF	HHD	68.49	86.50
tblVehicleEF	HHD	484.35	503.65
tblVehicleEF	HHD	1,536.93	1,607.19
tblVehicleEF	HHD	49.32	52.49
tblVehicleEF	HHD	0.07	0.06
tblVehicleEF	HHD	3.06	3.96
tblVehicleEF	HHD	2.03	4.39
tblVehicleEF	HHD	3.29	3.88
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.07	0.08
tblVehicleEF	HHD	3.2900e-004	1.8430e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.9130e-003	8.8970e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	3.0500e-004	1.6410e-003

tblVehicleEF	HHD	6.8700e-004	7.4400e-004
tblVehicleEF	HHD	0.07	0.10
tblVehicleEF	HHD	0.66	0.60
tblVehicleEF	HHD	4.7800e-004	4.4800e-004
tblVehicleEF	HHD	0.21	0.23
tblVehicleEF	HHD	0.48	0.56
tblVehicleEF	HHD	0.98	2.30
tblVehicleEF	HHD	5.1340e-003	5.1390e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.6530e-003	1.9900e-003
tblVehicleEF	HHD	6.8700e-004	7.4400e-004
tblVehicleEF	HHD	0.07	0.10
tblVehicleEF	HHD	0.76	0.68
tblVehicleEF	HHD	4.7800e-004	4.4800e-004
tblVehicleEF	HHD	0.24	0.27
tblVehicleEF	HHD	0.48	0.56
tblVehicleEF	HHD	1.05	2.46
tblVehicleEF	LDA	7.7950e-003	0.01
tblVehicleEF	LDA	3.1520e-003	7.7660e-003
tblVehicleEF	LDA	0.55	0.83
tblVehicleEF	LDA	0.91	1.87
tblVehicleEF	LDA	211.35	258.43
tblVehicleEF	LDA	44.20	56.26
tblVehicleEF	LDA	0.43	0.44
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	0.06	0.12
tblVehicleEF	LDA	2.1710e-003	1.8040e-003
tblVehicleEF	LDA	5.2930e-003	3.3380e-003
tblVehicleEF	LDA	2.0140e-003	1.6690e-003
tblVehicleEF	LDA	4.9110e-003	3.0880e-003

tblVehicleEF	LDA	0.02	0.06
tblVehicleEF	LDA	0.05	0.12
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	9.4220e-003	0.02
tblVehicleEF	LDA	0.17	0.26
tblVehicleEF	LDA	0.06	0.14
tblVehicleEF	LDA	3.5560e-003	3.5430e-003
tblVehicleEF	LDA	7.5500e-004	7.6800e-004
tblVehicleEF	LDA	0.02	0.06
tblVehicleEF	LDA	0.05	0.12
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.17	0.26
tblVehicleEF	LDA	0.06	0.15
tblVehicleEF	LDA	7.7950e-003	0.01
tblVehicleEF	LDA	3.1520e-003	7.7660e-003
tblVehicleEF	LDA	0.69	1.02
tblVehicleEF	LDA	0.67	1.37
tblVehicleEF	LDA	232.65	284.39
tblVehicleEF	LDA	44.20	56.26
tblVehicleEF	LDA	0.43	0.44
tblVehicleEF	LDA	0.05	0.07
tblVehicleEF	LDA	0.05	0.11
tblVehicleEF	LDA	2.1710e-003	1.8040e-003
tblVehicleEF	LDA	5.2930e-003	3.3380e-003
tblVehicleEF	LDA	2.0140e-003	1.6690e-003
tblVehicleEF	LDA	4.9110e-003	3.0880e-003
tblVehicleEF	LDA	0.05	0.14
tblVehicleEF	LDA	0.06	0.14
tblVehicleEF	LDA	0.04	0.09

tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.16	0.25
tblVehicleEF	LDA	0.04	0.11
tblVehicleEF	LDA	3.9160e-003	3.9040e-003
tblVehicleEF	LDA	7.5100e-004	7.5900e-004
tblVehicleEF	LDA	0.05	0.14
tblVehicleEF	LDA	0.06	0.14
tblVehicleEF	LDA	0.04	0.09
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.16	0.25
tblVehicleEF	LDA	0.05	0.12
tblVehicleEF	LDA	7.7950e-003	0.01
tblVehicleEF	LDA	3.1520e-003	7.7660e-003
tblVehicleEF	LDA	0.51	0.77
tblVehicleEF	LDA	1.19	2.42
tblVehicleEF	LDA	203.97	249.41
tblVehicleEF	LDA	44.20	56.26
tblVehicleEF	LDA	0.43	0.44
tblVehicleEF	LDA	0.06	0.09
tblVehicleEF	LDA	0.06	0.13
tblVehicleEF	LDA	2.1710e-003	1.8040e-003
tblVehicleEF	LDA	5.2930e-003	3.3380e-003
tblVehicleEF	LDA	2.0140e-003	1.6690e-003
tblVehicleEF	LDA	4.9110e-003	3.0880e-003
tblVehicleEF	LDA	7.1280e-003	0.02
tblVehicleEF	LDA	0.05	0.12
tblVehicleEF	LDA	6.3620e-003	0.01
tblVehicleEF	LDA	8.8540e-003	0.02
tblVehicleEF	LDA	0.20	0.30
tblVehicleEF	LDA	0.07	0.17

tblVehicleEF	LDA	3.4310e-003	3.4180e-003
tblVehicleEF	LDA	7.5900e-004	7.7700e-004
tblVehicleEF	LDA	7.1280e-003	0.02
tblVehicleEF	LDA	0.05	0.12
tblVehicleEF	LDA	6.3620e-003	0.01
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.20	0.30
tblVehicleEF	LDA	0.07	0.18
tblVehicleEF	LDT1	9.0650e-003	0.02
tblVehicleEF	LDT1	4.4790e-003	0.02
tblVehicleEF	LDT1	0.66	1.95
tblVehicleEF	LDT1	1.23	4.83
tblVehicleEF	LDT1	251.18	308.38
tblVehicleEF	LDT1	53.16	66.98
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.06	0.21
tblVehicleEF	LDT1	0.07	0.26
tblVehicleEF	LDT1	2.1670e-003	3.3550e-003
tblVehicleEF	LDT1	5.0570e-003	5.2470e-003
tblVehicleEF	LDT1	2.0100e-003	3.1050e-003
tblVehicleEF	LDT1	4.6920e-003	4.8550e-003
tblVehicleEF	LDT1	0.06	0.19
tblVehicleEF	LDT1	0.11	0.30
tblVehicleEF	LDT1	0.04	0.12
tblVehicleEF	LDT1	0.01	0.05
tblVehicleEF	LDT1	0.37	1.05
tblVehicleEF	LDT1	0.08	0.37
tblVehicleEF	LDT1	4.1320e-003	4.1090e-003
tblVehicleEF	LDT1	8.8200e-004	9.3000e-004
tblVehicleEF	LDT1	0.06	0.19

tblVehicleEF	LDT1	0.11	0.30
tblVehicleEF	LDT1	0.04	0.12
tblVehicleEF	LDT1	0.02	0.07
tblVehicleEF	LDT1	0.37	1.05
tblVehicleEF	LDT1	0.08	0.39
tblVehicleEF	LDT1	9.0650e-003	0.02
tblVehicleEF	LDT1	4.4790e-003	0.02
tblVehicleEF	LDT1	0.81	2.36
tblVehicleEF	LDT1	0.90	3.57
tblVehicleEF	LDT1	275.58	337.50
tblVehicleEF	LDT1	53.16	66.98
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.06	0.19
tblVehicleEF	LDT1	0.07	0.24
tblVehicleEF	LDT1	2.1670e-003	3.3550e-003
tblVehicleEF	LDT1	5.0570e-003	5.2470e-003
tblVehicleEF	LDT1	2.0100e-003	3.1050e-003
tblVehicleEF	LDT1	4.6920e-003	4.8550e-003
tblVehicleEF	LDT1	0.13	0.48
tblVehicleEF	LDT1	0.13	0.39
tblVehicleEF	LDT1	0.09	0.27
tblVehicleEF	LDT1	0.01	0.05
tblVehicleEF	LDT1	0.36	1.02
tblVehicleEF	LDT1	0.06	0.29
tblVehicleEF	LDT1	4.5350e-003	4.5060e-003
tblVehicleEF	LDT1	8.7600e-004	9.0800e-004
tblVehicleEF	LDT1	0.13	0.48
tblVehicleEF	LDT1	0.13	0.39
tblVehicleEF	LDT1	0.09	0.27
tblVehicleEF	LDT1	0.02	0.08

tblVehicleEF	LDT1	0.36	1.02
tblVehicleEF	LDT1	0.07	0.31
tblVehicleEF	LDT1	9.0650e-003	0.02
tblVehicleEF	LDT1	4.4790e-003	0.02
tblVehicleEF	LDT1	0.61	1.85
tblVehicleEF	LDT1	1.60	6.26
tblVehicleEF	LDT1	242.72	298.26
tblVehicleEF	LDT1	53.16	66.98
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.07	0.23
tblVehicleEF	LDT1	0.08	0.29
tblVehicleEF	LDT1	2.1670e-003	3.3550e-003
tblVehicleEF	LDT1	5.0570e-003	5.2470e-003
tblVehicleEF	LDT1	2.0100e-003	3.1050e-003
tblVehicleEF	LDT1	4.6920e-003	4.8550e-003
tblVehicleEF	LDT1	0.02	0.06
tblVehicleEF	LDT1	0.11	0.31
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.01	0.05
tblVehicleEF	LDT1	0.45	1.28
tblVehicleEF	LDT1	0.10	0.45
tblVehicleEF	LDT1	3.9920e-003	3.9710e-003
tblVehicleEF	LDT1	8.8800e-004	9.5500e-004
tblVehicleEF	LDT1	0.02	0.06
tblVehicleEF	LDT1	0.11	0.31
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.02	0.07
tblVehicleEF	LDT1	0.45	1.28
tblVehicleEF	LDT1	0.10	0.48
tblVehicleEF	LDT2	9.5260e-003	0.01

tblVehicleEF	LDT2	4.1300e-003	0.01
tblVehicleEF	LDT2	0.65	1.18
tblVehicleEF	LDT2	1.14	2.82
tblVehicleEF	LDT2	327.99	381.48
tblVehicleEF	LDT2	68.89	82.11
tblVehicleEF	LDT2	0.15	0.16
tblVehicleEF	LDT2	0.07	0.14
tblVehicleEF	LDT2	0.08	0.24
tblVehicleEF	LDT2	2.1510e-003	1.8950e-003
tblVehicleEF	LDT2	5.2230e-003	3.4340e-003
tblVehicleEF	LDT2	1.9960e-003	1.7520e-003
tblVehicleEF	LDT2	4.8460e-003	3.1740e-003
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.10	0.16
tblVehicleEF	LDT2	0.05	0.06
tblVehicleEF	LDT2	0.01	0.03
tblVehicleEF	LDT2	0.35	0.51
tblVehicleEF	LDT2	0.07	0.21
tblVehicleEF	LDT2	4.8300e-003	4.8230e-003
tblVehicleEF	LDT2	1.0280e-003	1.0530e-003
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.10	0.16
tblVehicleEF	LDT2	0.05	0.06
tblVehicleEF	LDT2	0.02	0.04
tblVehicleEF	LDT2	0.35	0.51
tblVehicleEF	LDT2	0.08	0.22
tblVehicleEF	LDT2	9.5260e-003	0.01
tblVehicleEF	LDT2	4.1300e-003	0.01
tblVehicleEF	LDT2	0.81	1.44
tblVehicleEF	LDT2	0.83	2.07

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tblVehicleEF	LDT2	0.15	0.16
tblVehicleEF	LDT2	0.06	0.13
tblVehicleEF	LDT2	0.07	0.22
tblVehicleEF	LDT2	2.1510e-003	1.8950e-003
tblVehicleEF	LDT2	5.2230e-003	3.4340e-003
tblVehicleEF	LDT2	1.9960e-003	1.7520e-003
tblVehicleEF	LDT2	4.8460e-003	3.1740e-003
tblVehicleEF	LDT2	0.14	0.21
tblVehicleEF	LDT2	0.12	0.20
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.01	0.03
tblVehicleEF	LDT2	0.33	0.49
tblVehicleEF	LDT2	0.06	0.17
tblVehicleEF	LDT2	5.3040e-003	5.2990e-003
tblVehicleEF	LDT2	1.0230e-003	1.0400e-003
tblVehicleEF	LDT2	0.14	0.21
tblVehicleEF	LDT2	0.12	0.20
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.02	0.05
tblVehicleEF	LDT2	0.33	0.49
tblVehicleEF	LDT2	0.06	0.18
tblVehicleEF	LDT2	9.5260e-003	0.01
tblVehicleEF	LDT2	4.1300e-003	0.01
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tblVehicleEF	LDT2	0.15	0.16

tblVehicleEF	LDT2	0.07	0.15
tblVehicleEF	LDT2	0.08	0.27
tblVehicleEF	LDT2	2.1510e-003	1.8950e-003
tblVehicleEF	LDT2	5.2230e-003	3.4340e-003
tblVehicleEF	LDT2	1.9960e-003	1.7520e-003
tblVehicleEF	LDT2	4.8460e-003	3.1740e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.10	0.16
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.01	0.03
tblVehicleEF	LDT2	0.41	0.61
tblVehicleEF	LDT2	0.09	0.25
tblVehicleEF	LDT2	4.6660e-003	4.6580e-003
tblVehicleEF	LDT2	1.0340e-003	1.0670e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.10	0.16
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.02	0.04
tblVehicleEF	LDT2	0.41	0.61
tblVehicleEF	LDT2	0.10	0.27
tblVehicleEF	LHD1	1.0270e-003	1.0610e-003
tblVehicleEF	LHD1	7.6650e-003	0.02
tblVehicleEF	LHD1	7.9080e-003	0.02
tblVehicleEF	LHD1	0.15	0.16
tblVehicleEF	LHD1	0.52	1.65
tblVehicleEF	LHD1	2.03	3.77
tblVehicleEF	LHD1	8.33	8.66
tblVehicleEF	LHD1	685.28	713.80
tblVehicleEF	LHD1	31.55	31.71
tblVehicleEF	LHD1	0.05	0.05

tblVehicleEF	LHD1	0.09	0.09
tblVehicleEF	LHD1	0.53	1.73
tblVehicleEF	LHD1	0.72	0.97
tblVehicleEF	LHD1	9.1400e-004	9.5100e-004
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	9.8460e-003	9.8420e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	2.1100e-004	9.2300e-004
tblVehicleEF	LHD1	8.4100e-004	8.7500e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.4620e-003	2.4610e-003
tblVehicleEF	LHD1	9.9420e-003	0.02
tblVehicleEF	LHD1	1.9600e-004	8.4700e-004
tblVehicleEF	LHD1	1.5400e-003	2.8030e-003
tblVehicleEF	LHD1	0.04	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	8.5300e-004	1.2060e-003
tblVehicleEF	LHD1	0.05	0.17
tblVehicleEF	LHD1	0.22	0.51
tblVehicleEF	LHD1	0.14	0.31
tblVehicleEF	LHD1	7.4990e-003	7.5370e-003
tblVehicleEF	LHD1	3.8600e-004	4.0800e-004
tblVehicleEF	LHD1	1.5400e-003	2.8030e-003
tblVehicleEF	LHD1	0.04	0.08
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	8.5300e-004	1.2060e-003
tblVehicleEF	LHD1	0.06	0.20
tblVehicleEF	LHD1	0.22	0.51
tblVehicleEF	LHD1	0.15	0.33
tblVehicleEF	LHD1	1.0270e-003	1.0610e-003

tblVehicleEF	LHD1	7.6650e-003	0.02
tblVehicleEF	LHD1	7.9080e-003	0.02
tblVehicleEF	LHD1	0.15	0.16
tblVehicleEF	LHD1	0.52	1.69
tblVehicleEF	LHD1	1.47	2.71
tblVehicleEF	LHD1	8.33	8.66
tblVehicleEF	LHD1	685.28	713.80
tblVehicleEF	LHD1	31.55	31.71
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.09	0.09
tblVehicleEF	LHD1	0.50	1.63
tblVehicleEF	LHD1	0.68	0.91
tblVehicleEF	LHD1	9.1400e-004	9.5100e-004
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	9.8460e-003	9.8420e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	2.1100e-004	9.2300e-004
tblVehicleEF	LHD1	8.4100e-004	8.7500e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.4620e-003	2.4610e-003
tblVehicleEF	LHD1	9.9420e-003	0.02
tblVehicleEF	LHD1	1.9600e-004	8.4700e-004
tblVehicleEF	LHD1	3.6800e-003	7.0440e-003
tblVehicleEF	LHD1	0.05	0.09
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.6870e-003	2.6540e-003
tblVehicleEF	LHD1	0.05	0.17
tblVehicleEF	LHD1	0.22	0.50
tblVehicleEF	LHD1	0.12	0.26
tblVehicleEF	LHD1	7.4990e-003	7.5380e-003

tblVehicleEF	LHD1	3.7700e-004	3.8900e-004
tblVehicleEF	LHD1	3.6800e-003	7.0440e-003
tblVehicleEF	LHD1	0.05	0.09
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.6870e-003	2.6540e-003
tblVehicleEF	LHD1	0.06	0.20
tblVehicleEF	LHD1	0.22	0.50
tblVehicleEF	LHD1	0.13	0.28
tblVehicleEF	LHD1	1.0270e-003	1.0610e-003
tblVehicleEF	LHD1	7.6650e-003	0.02
tblVehicleEF	LHD1	7.9080e-003	0.02
tblVehicleEF	LHD1	0.15	0.16
tblVehicleEF	LHD1	0.51	1.62
tblVehicleEF	LHD1	2.66	4.98
tblVehicleEF	LHD1	8.33	8.66
tblVehicleEF	LHD1	685.28	713.80
tblVehicleEF	LHD1	31.55	31.71
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.09	0.09
tblVehicleEF	LHD1	0.55	1.77
tblVehicleEF	LHD1	0.77	1.03
tblVehicleEF	LHD1	9.1400e-004	9.5100e-004
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	9.8460e-003	9.8420e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	2.1100e-004	9.2300e-004
tblVehicleEF	LHD1	8.4100e-004	8.7500e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.4620e-003	2.4610e-003
tblVehicleEF	LHD1	9.9420e-003	0.02

tblVehicleEF	LHD1	1.9600e-004	8.4700e-004
tblVehicleEF	LHD1	5.8600e-004	9.1600e-004
tblVehicleEF	LHD1	0.04	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.9200e-004	4.8700e-004
tblVehicleEF	LHD1	0.05	0.17
tblVehicleEF	LHD1	0.25	0.56
tblVehicleEF	LHD1	0.17	0.37
tblVehicleEF	LHD1	7.4990e-003	7.5360e-003
tblVehicleEF	LHD1	3.9700e-004	4.2800e-004
tblVehicleEF	LHD1	5.8600e-004	9.1600e-004
tblVehicleEF	LHD1	0.04	0.08
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	3.9200e-004	4.8700e-004
tblVehicleEF	LHD1	0.06	0.19
tblVehicleEF	LHD1	0.25	0.56
tblVehicleEF	LHD1	0.18	0.40
tblVehicleEF	LHD2	7.6600e-004	7.8800e-004
tblVehicleEF	LHD2	5.5130e-003	0.01
tblVehicleEF	LHD2	3.8230e-003	8.7540e-003
tblVehicleEF	LHD2	0.12	0.12
tblVehicleEF	LHD2	0.58	1.07
tblVehicleEF	LHD2	1.11	1.81
tblVehicleEF	LHD2	9.09	9.45
tblVehicleEF	LHD2	589.58	614.24
tblVehicleEF	LHD2	18.39	18.42
tblVehicleEF	LHD2	8.2620e-003	7.8330e-003
tblVehicleEF	LHD2	0.14	0.14
tblVehicleEF	LHD2	0.66	2.26
tblVehicleEF	LHD2	0.38	0.53

tblVehicleEF	LHD2	1.4540e-003	1.4680e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.03
tblVehicleEF	LHD2	9.2000e-005	4.1100e-004
tblVehicleEF	LHD2	1.3370e-003	1.3500e-003
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.6980e-003	2.6970e-003
tblVehicleEF	LHD2	0.01	0.03
tblVehicleEF	LHD2	8.6000e-005	3.7800e-004
tblVehicleEF	LHD2	7.0700e-004	1.2500e-003
tblVehicleEF	LHD2	0.02	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	4.0500e-004	5.6300e-004
tblVehicleEF	LHD2	0.06	0.15
tblVehicleEF	LHD2	0.09	0.22
tblVehicleEF	LHD2	0.07	0.15
tblVehicleEF	LHD2	6.3820e-003	6.4060e-003
tblVehicleEF	LHD2	2.2400e-004	2.3000e-004
tblVehicleEF	LHD2	7.0700e-004	1.2500e-003
tblVehicleEF	LHD2	0.02	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	4.0500e-004	5.6300e-004
tblVehicleEF	LHD2	0.07	0.17
tblVehicleEF	LHD2	0.09	0.22
tblVehicleEF	LHD2	0.07	0.17
tblVehicleEF	LHD2	7.6600e-004	7.8800e-004
tblVehicleEF	LHD2	5.5130e-003	0.01
tblVehicleEF	LHD2	3.8230e-003	8.7540e-003
tblVehicleEF	LHD2	0.12	0.12

tblVehicleEF	LHD2	0.58	1.08
tblVehicleEF	LHD2	0.81	1.31
tblVehicleEF	LHD2	9.09	9.45
tblVehicleEF	LHD2	589.58	614.24
tblVehicleEF	LHD2	18.39	18.42
tblVehicleEF	LHD2	8.2620e-003	7.8330e-003
tblVehicleEF	LHD2	0.14	0.14
tblVehicleEF	LHD2	0.63	2.15
tblVehicleEF	LHD2	0.36	0.50
tblVehicleEF	LHD2	1.4540e-003	1.4680e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.03
tblVehicleEF	LHD2	9.2000e-005	4.1100e-004
tblVehicleEF	LHD2	1.3370e-003	1.3500e-003
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.6980e-003	2.6970e-003
tblVehicleEF	LHD2	0.01	0.03
tblVehicleEF	LHD2	8.6000e-005	3.7800e-004
tblVehicleEF	LHD2	1.6820e-003	3.1270e-003
tblVehicleEF	LHD2	0.02	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.9800e-004	1.2290e-003
tblVehicleEF	LHD2	0.06	0.15
tblVehicleEF	LHD2	0.09	0.22
tblVehicleEF	LHD2	0.06	0.13
tblVehicleEF	LHD2	6.3820e-003	6.4070e-003
tblVehicleEF	LHD2	2.1800e-004	2.2100e-004
tblVehicleEF	LHD2	1.6820e-003	3.1270e-003
tblVehicleEF	LHD2	0.02	0.04

tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.9800e-004	1.2290e-003
tblVehicleEF	LHD2	0.07	0.17
tblVehicleEF	LHD2	0.09	0.22
tblVehicleEF	LHD2	0.06	0.14
tblVehicleEF	LHD2	7.6600e-004	7.8800e-004
tblVehicleEF	LHD2	5.5130e-003	0.01
tblVehicleEF	LHD2	3.8230e-003	8.7540e-003
tblVehicleEF	LHD2	0.12	0.12
tblVehicleEF	LHD2	0.58	1.06
tblVehicleEF	LHD2	1.46	2.37
tblVehicleEF	LHD2	9.09	9.45
tblVehicleEF	LHD2	589.58	614.24
tblVehicleEF	LHD2	18.39	18.42
tblVehicleEF	LHD2	8.2620e-003	7.8330e-003
tblVehicleEF	LHD2	0.14	0.14
tblVehicleEF	LHD2	0.67	2.30
tblVehicleEF	LHD2	0.40	0.56
tblVehicleEF	LHD2	1.4540e-003	1.4680e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.03
tblVehicleEF	LHD2	9.2000e-005	4.1100e-004
tblVehicleEF	LHD2	1.3370e-003	1.3500e-003
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.6980e-003	2.6970e-003
tblVehicleEF	LHD2	0.01	0.03
tblVehicleEF	LHD2	8.6000e-005	3.7800e-004
tblVehicleEF	LHD2	2.7100e-004	4.2000e-004
tblVehicleEF	LHD2	0.02	0.04

tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.8600e-004	2.3100e-004
tblVehicleEF	LHD2	0.06	0.15
tblVehicleEF	LHD2	0.10	0.24
tblVehicleEF	LHD2	0.08	0.18
tblVehicleEF	LHD2	6.3820e-003	6.4060e-003
tblVehicleEF	LHD2	2.2900e-004	2.4000e-004
tblVehicleEF	LHD2	2.7100e-004	4.2000e-004
tblVehicleEF	LHD2	0.02	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.8600e-004	2.3100e-004
tblVehicleEF	LHD2	0.07	0.17
tblVehicleEF	LHD2	0.10	0.24
tblVehicleEF	LHD2	0.09	0.20
tblVehicleEF	MCY	24.48	27.94
tblVehicleEF	MCY	10.84	10.55
tblVehicleEF	MCY	153.52	152.72
tblVehicleEF	MCY	36.30	41.09
tblVehicleEF	MCY	6.8400e-003	6.2000e-003
tblVehicleEF	MCY	1.21	1.24
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	2.5600e-004	4.7800e-004
tblVehicleEF	MCY	6.7300e-004	1.3450e-003
tblVehicleEF	MCY	2.2200e-004	3.9400e-004
tblVehicleEF	MCY	5.8900e-004	1.0890e-003
tblVehicleEF	MCY	1.05	1.08
tblVehicleEF	MCY	0.41	0.48
tblVehicleEF	MCY	0.52	0.55
tblVehicleEF	MCY	2.69	2.81
tblVehicleEF	MCY	1.19	1.46

tblVehicleEF	MCY	2.12	2.21
tblVehicleEF	MCY	2.1740e-003	2.1600e-003
tblVehicleEF	MCY	6.4000e-004	6.7500e-004
tblVehicleEF	MCY	1.05	1.08
tblVehicleEF	MCY	0.41	0.48
tblVehicleEF	MCY	0.52	0.55
tblVehicleEF	MCY	2.94	3.07
tblVehicleEF	MCY	1.19	1.46
tblVehicleEF	MCY	2.27	2.37
tblVehicleEF	MCY	24.60	28.05
tblVehicleEF	MCY	8.91	8.90
tblVehicleEF	MCY	153.52	152.72
tblVehicleEF	MCY	36.30	41.09
tblVehicleEF	MCY	6.8400e-003	6.2000e-003
tblVehicleEF	MCY	1.05	1.07
tblVehicleEF	MCY	0.29	0.29
tblVehicleEF	MCY	2.5600e-004	4.7800e-004
tblVehicleEF	MCY	6.7300e-004	1.3450e-003
tblVehicleEF	MCY	2.2200e-004	3.9400e-004
tblVehicleEF	MCY	5.8900e-004	1.0890e-003
tblVehicleEF	MCY	2.81	2.90
tblVehicleEF	MCY	0.71	0.80
tblVehicleEF	MCY	1.52	1.57
tblVehicleEF	MCY	2.64	2.74
tblVehicleEF	MCY	1.14	1.41
tblVehicleEF	MCY	1.78	1.84
tblVehicleEF	MCY	2.1740e-003	2.1600e-003
tblVehicleEF	MCY	5.9900e-004	6.3700e-004
tblVehicleEF	MCY	2.81	2.90
tblVehicleEF	MCY	0.71	0.80

tblVehicleEF	MCY	1.52	1.57
tblVehicleEF	MCY	2.89	2.99
tblVehicleEF	MCY	1.14	1.41
tblVehicleEF	MCY	1.91	1.97
tblVehicleEF	MCY	26.42	30.30
tblVehicleEF	MCY	13.19	12.66
tblVehicleEF	MCY	153.52	152.72
tblVehicleEF	MCY	36.30	41.09
tblVehicleEF	MCY	6.8400e-003	6.2000e-003
tblVehicleEF	MCY	1.31	1.34
tblVehicleEF	MCY	0.33	0.33
tblVehicleEF	MCY	2.5600e-004	4.7800e-004
tblVehicleEF	MCY	6.7300e-004	1.3450e-003
tblVehicleEF	MCY	2.2200e-004	3.9400e-004
tblVehicleEF	MCY	5.8900e-004	1.0890e-003
tblVehicleEF	MCY	0.27	0.28
tblVehicleEF	MCY	0.41	0.49
tblVehicleEF	MCY	0.12	0.12
tblVehicleEF	MCY	2.79	2.94
tblVehicleEF	MCY	1.47	1.77
tblVehicleEF	MCY	2.52	2.65
tblVehicleEF	MCY	2.2080e-003	2.2010e-003
tblVehicleEF	MCY	6.9000e-004	7.2200e-004
tblVehicleEF	MCY	0.27	0.28
tblVehicleEF	MCY	0.41	0.49
tblVehicleEF	MCY	0.12	0.12
tblVehicleEF	MCY	3.05	3.21
tblVehicleEF	MCY	1.47	1.77
tblVehicleEF	MCY	2.70	2.84
tblVehicleEF	MDV	0.01	0.03

tblVehicleEF	MDV	7.2180e-003	0.03
tblVehicleEF	MDV	0.92	2.18
tblVehicleEF	MDV	1.79	5.12
tblVehicleEF	MDV	432.23	511.55
tblVehicleEF	MDV	90.77	108.28
tblVehicleEF	MDV	0.17	0.18
tblVehicleEF	MDV	0.10	0.30
tblVehicleEF	MDV	0.13	0.47
tblVehicleEF	MDV	2.1250e-003	2.3890e-003
tblVehicleEF	MDV	4.9170e-003	3.9080e-003
tblVehicleEF	MDV	1.9710e-003	2.2030e-003
tblVehicleEF	MDV	4.5620e-003	3.6100e-003
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.17	0.23
tblVehicleEF	MDV	0.09	0.08
tblVehicleEF	MDV	0.02	0.06
tblVehicleEF	MDV	0.53	0.73
tblVehicleEF	MDV	0.13	0.45
tblVehicleEF	MDV	6.1870e-003	6.1410e-003
tblVehicleEF	MDV	1.3200e-003	1.3570e-003
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.17	0.23
tblVehicleEF	MDV	0.09	0.08
tblVehicleEF	MDV	0.03	0.09
tblVehicleEF	MDV	0.53	0.73
tblVehicleEF	MDV	0.14	0.48
tblVehicleEF	MDV	0.01	0.03
tblVehicleEF	MDV	7.2180e-003	0.03
tblVehicleEF	MDV	1.14	2.65
tblVehicleEF	MDV	1.31	3.78

tblVehicleEF	MDV	473.95	560.62
tblVehicleEF	MDV	90.77	108.28
tblVehicleEF	MDV	0.17	0.18
tblVehicleEF	MDV	0.09	0.28
tblVehicleEF	MDV	0.12	0.43
tblVehicleEF	MDV	2.1250e-003	2.3890e-003
tblVehicleEF	MDV	4.9170e-003	3.9080e-003
tblVehicleEF	MDV	1.9710e-003	2.2030e-003
tblVehicleEF	MDV	4.5620e-003	3.6100e-003
tblVehicleEF	MDV	0.23	0.28
tblVehicleEF	MDV	0.19	0.28
tblVehicleEF	MDV	0.17	0.19
tblVehicleEF	MDV	0.02	0.07
tblVehicleEF	MDV	0.51	0.70
tblVehicleEF	MDV	0.10	0.36
tblVehicleEF	MDV	6.7870e-003	6.7380e-003
tblVehicleEF	MDV	1.3120e-003	1.3330e-003
tblVehicleEF	MDV	0.23	0.28
tblVehicleEF	MDV	0.19	0.28
tblVehicleEF	MDV	0.17	0.19
tblVehicleEF	MDV	0.04	0.10
tblVehicleEF	MDV	0.51	0.70
tblVehicleEF	MDV	0.11	0.38
tblVehicleEF	MDV	0.01	0.03
tblVehicleEF	MDV	7.2180e-003	0.03
tblVehicleEF	MDV	0.86	2.07
tblVehicleEF	MDV	2.32	6.63
tblVehicleEF	MDV	417.76	494.50
tblVehicleEF	MDV	90.77	108.28
tblVehicleEF	MDV	0.17	0.18

tblVehicleEF	MDV	0.11	0.33
tblVehicleEF	MDV	0.15	0.52
tblVehicleEF	MDV	2.1250e-003	2.3890e-003
tblVehicleEF	MDV	4.9170e-003	3.9080e-003
tblVehicleEF	MDV	1.9710e-003	2.2030e-003
tblVehicleEF	MDV	4.5620e-003	3.6100e-003
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.17	0.24
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.02	0.06
tblVehicleEF	MDV	0.63	0.87
tblVehicleEF	MDV	0.16	0.54
tblVehicleEF	MDV	5.9790e-003	5.9340e-003
tblVehicleEF	MDV	1.3290e-003	1.3840e-003
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.17	0.24
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.03	0.09
tblVehicleEF	MDV	0.63	0.87
tblVehicleEF	MDV	0.17	0.58
tblVehicleEF	MH	0.25	3.19
tblVehicleEF	MH	4.14	8.46
tblVehicleEF	MH	698.00	722.62
tblVehicleEF	MH	27.12	28.53
tblVehicleEF	MH	2.7290e-003	2.7820e-003
tblVehicleEF	MH	0.83	1.84
tblVehicleEF	MH	0.51	0.83
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.6770e-003	8.6720e-003
tblVehicleEF	MH	0.01	0.03

tblVehicleEF	MH	1.9000e-004	1.0590e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.1690e-003	2.1680e-003
tblVehicleEF	MH	9.2160e-003	0.03
tblVehicleEF	MH	1.7600e-004	9.6300e-004
tblVehicleEF	MH	0.51	1.41
tblVehicleEF	MH	0.03	0.09
tblVehicleEF	MH	0.20	0.40
tblVehicleEF	MH	0.03	0.14
tblVehicleEF	MH	0.62	2.23
tblVehicleEF	MH	0.22	0.46
tblVehicleEF	MH	7.6550e-003	7.6780e-003
tblVehicleEF	MH	3.7300e-004	4.5200e-004
tblVehicleEF	MH	0.51	1.41
tblVehicleEF	MH	0.03	0.09
tblVehicleEF	MH	0.20	0.40
tblVehicleEF	MH	0.04	0.17
tblVehicleEF	MH	0.62	2.23
tblVehicleEF	MH	0.23	0.49
tblVehicleEF	MH	0.26	3.31
tblVehicleEF	MH	3.01	5.90
tblVehicleEF	MH	698.00	722.62
tblVehicleEF	MH	27.12	28.53
tblVehicleEF	MH	2.7290e-003	2.7820e-003
tblVehicleEF	MH	0.78	1.70
tblVehicleEF	MH	0.48	0.78
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.6770e-003	8.6720e-003
tblVehicleEF	MH	0.01	0.03
tblVehicleEF	MH	1.9000e-004	1.0590e-003

tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.1690e-003	2.1680e-003
tblVehicleEF	MH	9.2160e-003	0.03
tblVehicleEF	MH	1.7600e-004	9.6300e-004
tblVehicleEF	MH	1.22	3.59
tblVehicleEF	MH	0.03	0.11
tblVehicleEF	MH	0.37	0.83
tblVehicleEF	MH	0.03	0.14
tblVehicleEF	MH	0.61	2.20
tblVehicleEF	MH	0.18	0.37
tblVehicleEF	MH	7.6550e-003	7.6800e-003
tblVehicleEF	MH	3.5400e-004	4.0900e-004
tblVehicleEF	MH	1.22	3.59
tblVehicleEF	MH	0.03	0.11
tblVehicleEF	MH	0.37	0.83
tblVehicleEF	MH	0.05	0.17
tblVehicleEF	MH	0.61	2.20
tblVehicleEF	MH	0.19	0.39
tblVehicleEF	MH	0.25	3.10
tblVehicleEF	MH	5.44	11.41
tblVehicleEF	MH	698.00	722.62
tblVehicleEF	MH	27.12	28.53
tblVehicleEF	MH	2.7290e-003	2.7820e-003
tblVehicleEF	MH	0.85	1.92
tblVehicleEF	MH	0.54	0.88
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.6770e-003	8.6720e-003
tblVehicleEF	MH	0.01	0.03
tblVehicleEF	MH	1.9000e-004	1.0590e-003
tblVehicleEF	MH	0.02	0.02

tblVehicleEF	MH	2.1690e-003	2.1680e-003
tblVehicleEF	MH	9.2160e-003	0.03
tblVehicleEF	MH	1.7600e-004	9.6300e-004
tblVehicleEF	MH	0.20	0.45
tblVehicleEF	MH	0.03	0.10
tblVehicleEF	MH	0.11	0.19
tblVehicleEF	MH	0.03	0.13
tblVehicleEF	MH	0.69	2.38
tblVehicleEF	MH	0.26	0.57
tblVehicleEF	MH	7.6550e-003	7.6770e-003
tblVehicleEF	MH	3.9400e-004	5.0200e-004
tblVehicleEF	MH	0.20	0.45
tblVehicleEF	MH	0.03	0.10
tblVehicleEF	MH	0.11	0.19
tblVehicleEF	MH	0.04	0.16
tblVehicleEF	MH	0.69	2.38
tblVehicleEF	MH	0.27	0.61
tblVehicleEF	MHD	8.2880e-003	8.7370e-003
tblVehicleEF	MHD	4.9800e-003	7.6690e-003
tblVehicleEF	MHD	2.11	1.94
tblVehicleEF	MHD	0.41	0.98
tblVehicleEF	MHD	7.36	18.52
tblVehicleEF	MHD	572.82	584.98
tblVehicleEF	MHD	1,003.54	1,042.29
tblVehicleEF	MHD	49.32	56.62
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	3.24	6.07
tblVehicleEF	MHD	1.01	3.27
tblVehicleEF	MHD	0.81	1.50
tblVehicleEF	MHD	7.5520e-003	0.03

tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.03	0.08
tblVehicleEF	MHD	3.5500e-004	3.3650e-003
tblVehicleEF	MHD	6.9480e-003	0.03
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	2.8720e-003	2.8500e-003
tblVehicleEF	MHD	0.03	0.07
tblVehicleEF	MHD	3.2900e-004	2.8220e-003
tblVehicleEF	MHD	1.6770e-003	4.2550e-003
tblVehicleEF	MHD	0.06	0.15
tblVehicleEF	MHD	0.18	0.19
tblVehicleEF	MHD	9.4800e-004	1.8720e-003
tblVehicleEF	MHD	0.11	0.19
tblVehicleEF	MHD	0.31	0.52
tblVehicleEF	MHD	0.44	1.24
tblVehicleEF	MHD	6.0720e-003	5.9690e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.7600e-004	9.3500e-004
tblVehicleEF	MHD	1.6770e-003	4.2550e-003
tblVehicleEF	MHD	0.06	0.15
tblVehicleEF	MHD	0.20	0.21
tblVehicleEF	MHD	9.4800e-004	1.8720e-003
tblVehicleEF	MHD	0.12	0.21
tblVehicleEF	MHD	0.31	0.52
tblVehicleEF	MHD	0.47	1.33
tblVehicleEF	MHD	7.8100e-003	8.2340e-003
tblVehicleEF	MHD	4.9800e-003	7.6690e-003
tblVehicleEF	MHD	1.53	1.41
tblVehicleEF	MHD	0.41	0.99

tblVehicleEF	MHD	5.39	13.75
tblVehicleEF	MHD	606.85	619.73
tblVehicleEF	MHD	1,003.54	1,042.29
tblVehicleEF	MHD	49.32	56.62
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	3.35	6.26
tblVehicleEF	MHD	0.96	3.10
tblVehicleEF	MHD	0.76	1.42
tblVehicleEF	MHD	6.3660e-003	0.03
tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.03	0.08
tblVehicleEF	MHD	3.5500e-004	3.3650e-003
tblVehicleEF	MHD	5.8570e-003	0.02
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	2.8720e-003	2.8500e-003
tblVehicleEF	MHD	0.03	0.07
tblVehicleEF	MHD	3.2900e-004	2.8220e-003
tblVehicleEF	MHD	3.9970e-003	0.01
tblVehicleEF	MHD	0.07	0.18
tblVehicleEF	MHD	0.17	0.18
tblVehicleEF	MHD	1.8720e-003	4.3050e-003
tblVehicleEF	MHD	0.11	0.19
tblVehicleEF	MHD	0.31	0.53
tblVehicleEF	MHD	0.37	1.00
tblVehicleEF	MHD	6.4330e-003	6.3240e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.4300e-004	8.5200e-004
tblVehicleEF	MHD	3.9970e-003	0.01
tblVehicleEF	MHD	0.07	0.18

tblVehicleEF	MHD	0.19	0.20
tblVehicleEF	MHD	1.8720e-003	4.3050e-003
tblVehicleEF	MHD	0.13	0.21
tblVehicleEF	MHD	0.31	0.53
tblVehicleEF	MHD	0.40	1.07
tblVehicleEF	MHD	8.9470e-003	9.4320e-003
tblVehicleEF	MHD	4.9800e-003	7.6690e-003
tblVehicleEF	MHD	2.91	2.67
tblVehicleEF	MHD	0.40	0.99
tblVehicleEF	MHD	9.61	24.16
tblVehicleEF	MHD	525.82	536.98
tblVehicleEF	MHD	1,003.54	1,042.29
tblVehicleEF	MHD	49.32	56.62
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	3.10	5.80
tblVehicleEF	MHD	1.03	3.33
tblVehicleEF	MHD	0.86	1.60
tblVehicleEF	MHD	9.1890e-003	0.04
tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.03	0.08
tblVehicleEF	MHD	3.5500e-004	3.3650e-003
tblVehicleEF	MHD	8.4540e-003	0.03
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	2.8720e-003	2.8500e-003
tblVehicleEF	MHD	0.03	0.07
tblVehicleEF	MHD	3.2900e-004	2.8220e-003
tblVehicleEF	MHD	6.3800e-004	1.2850e-003
tblVehicleEF	MHD	0.06	0.17
tblVehicleEF	MHD	0.19	0.20

tblVehicleEF	MHD	4.3500e-004	6.8600e-004
tblVehicleEF	MHD	0.11	0.19
tblVehicleEF	MHD	0.35	0.57
tblVehicleEF	MHD	0.52	1.54
tblVehicleEF	MHD	5.5740e-003	5.4790e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.1400e-004	1.0330e-003
tblVehicleEF	MHD	6.3800e-004	1.2850e-003
tblVehicleEF	MHD	0.06	0.17
tblVehicleEF	MHD	0.22	0.23
tblVehicleEF	MHD	4.3500e-004	6.8600e-004
tblVehicleEF	MHD	0.12	0.21
tblVehicleEF	MHD	0.35	0.57
tblVehicleEF	MHD	0.55	1.65
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	2.9870e-003	2.9760e-003
tblVehicleEF	OBUS	3.31	2.48
tblVehicleEF	OBUS	0.58	1.84
tblVehicleEF	OBUS	6.44	14.25
tblVehicleEF	OBUS	533.36	554.85
tblVehicleEF	OBUS	1,056.81	1,088.41
tblVehicleEF	OBUS	32.73	34.62
tblVehicleEF	OBUS	1.8600e-003	1.7770e-003
tblVehicleEF	OBUS	3.20	5.30
tblVehicleEF	OBUS	1.08	3.45
tblVehicleEF	OBUS	0.85	1.84
tblVehicleEF	OBUS	8.7960e-003	0.01
tblVehicleEF	OBUS	0.10	0.09
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.04

tblVehicleEF	OBUS	3.1300e-004	1.0690e-003
tblVehicleEF	OBUS	8.0920e-003	9.4330e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6410e-003	2.6140e-003
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	2.9000e-004	9.5900e-004
tblVehicleEF	OBUS	9.7600e-004	1.1660e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.56	0.42
tblVehicleEF	OBUS	3.9800e-004	4.2600e-004
tblVehicleEF	OBUS	0.11	0.18
tblVehicleEF	OBUS	0.28	0.32
tblVehicleEF	OBUS	0.38	0.82
tblVehicleEF	OBUS	5.6540e-003	5.6610e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	4.7600e-004	6.1900e-004
tblVehicleEF	OBUS	9.7600e-004	1.1660e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.64	0.48
tblVehicleEF	OBUS	3.9800e-004	4.2600e-004
tblVehicleEF	OBUS	0.13	0.21
tblVehicleEF	OBUS	0.28	0.32
tblVehicleEF	OBUS	0.41	0.87
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	2.9870e-003	2.9760e-003
tblVehicleEF	OBUS	2.40	1.80
tblVehicleEF	OBUS	0.58	1.89
tblVehicleEF	OBUS	4.67	10.38
tblVehicleEF	OBUS	565.05	587.81
tblVehicleEF	OBUS	1,056.81	1,088.41

tblVehicleEF	OBUS	32.73	34.62
tblVehicleEF	OBUS	1.8600e-003	1.7770e-003
tblVehicleEF	OBUS	3.30	5.47
tblVehicleEF	OBUS	1.02	3.25
tblVehicleEF	OBUS	0.80	1.73
tblVehicleEF	OBUS	7.4150e-003	8.6440e-003
tblVehicleEF	OBUS	0.10	0.09
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	3.1300e-004	1.0690e-003
tblVehicleEF	OBUS	6.8220e-003	7.9520e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6410e-003	2.6140e-003
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	2.9000e-004	9.5900e-004
tblVehicleEF	OBUS	2.3520e-003	2.9410e-003
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	0.53	0.40
tblVehicleEF	OBUS	7.3900e-004	8.6800e-004
tblVehicleEF	OBUS	0.11	0.19
tblVehicleEF	OBUS	0.27	0.32
tblVehicleEF	OBUS	0.32	0.68
tblVehicleEF	OBUS	5.9900e-003	5.9980e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	4.4700e-004	5.5400e-004
tblVehicleEF	OBUS	2.3520e-003	2.9410e-003
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	0.60	0.45
tblVehicleEF	OBUS	7.3900e-004	8.6800e-004
tblVehicleEF	OBUS	0.13	0.22

tblVehicleEF	OBUS	0.27	0.32
tblVehicleEF	OBUS	0.34	0.73
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	2.9870e-003	2.9760e-003
tblVehicleEF	OBUS	4.55	3.41
tblVehicleEF	OBUS	0.57	1.81
tblVehicleEF	OBUS	8.46	18.67
tblVehicleEF	OBUS	489.60	509.32
tblVehicleEF	OBUS	1,056.81	1,088.41
tblVehicleEF	OBUS	32.73	34.62
tblVehicleEF	OBUS	1.8600e-003	1.7770e-003
tblVehicleEF	OBUS	3.06	5.06
tblVehicleEF	OBUS	1.10	3.54
tblVehicleEF	OBUS	0.90	1.95
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.10	0.09
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	3.1300e-004	1.0690e-003
tblVehicleEF	OBUS	9.8460e-003	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6410e-003	2.6140e-003
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	2.9000e-004	9.5900e-004
tblVehicleEF	OBUS	3.8700e-004	4.1400e-004
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.61	0.46
tblVehicleEF	OBUS	2.0800e-004	2.0200e-004
tblVehicleEF	OBUS	0.11	0.18
tblVehicleEF	OBUS	0.30	0.34

tblVehicleEF	OBUS	0.45	0.97
tblVehicleEF	OBUS	5.1900e-003	5.1970e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	5.1000e-004	6.9300e-004
tblVehicleEF	OBUS	3.8700e-004	4.1400e-004
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.69	0.52
tblVehicleEF	OBUS	2.0800e-004	2.0200e-004
tblVehicleEF	OBUS	0.13	0.21
tblVehicleEF	OBUS	0.30	0.34
tblVehicleEF	OBUS	0.48	1.04
tblVehicleEF	SBUS	7.9670e-003	4.3220e-003
tblVehicleEF	SBUS	7.2990e-003	4.2060e-003
tblVehicleEF	SBUS	2.03	0.99
tblVehicleEF	SBUS	2.22	6.88
tblVehicleEF	SBUS	20.72	41.62
tblVehicleEF	SBUS	573.46	563.29
tblVehicleEF	SBUS	925.92	994.88
tblVehicleEF	SBUS	115.30	123.07
tblVehicleEF	SBUS	5.8600e-004	6.5600e-004
tblVehicleEF	SBUS	3.64	7.75
tblVehicleEF	SBUS	3.02	6.64
tblVehicleEF	SBUS	2.08	3.51
tblVehicleEF	SBUS	7.6550e-003	0.01
tblVehicleEF	SBUS	0.41	0.45
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	1.3950e-003	6.6200e-003
tblVehicleEF	SBUS	7.0420e-003	0.01
tblVehicleEF	SBUS	0.18	0.19

tblVehicleEF	SBUS	2.5290e-003	2.5830e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	1.2940e-003	5.8290e-003
tblVehicleEF	SBUS	0.03	0.05
tblVehicleEF	SBUS	0.21	0.37
tblVehicleEF	SBUS	0.17	0.09
tblVehicleEF	SBUS	8.6960e-003	0.02
tblVehicleEF	SBUS	0.26	0.49
tblVehicleEF	SBUS	1.53	3.20
tblVehicleEF	SBUS	1.20	2.62
tblVehicleEF	SBUS	6.0790e-003	5.7480e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.6420e-003	2.0500e-003
tblVehicleEF	SBUS	0.03	0.05
tblVehicleEF	SBUS	0.21	0.37
tblVehicleEF	SBUS	0.20	0.11
tblVehicleEF	SBUS	8.6960e-003	0.02
tblVehicleEF	SBUS	0.30	0.55
tblVehicleEF	SBUS	1.53	3.20
tblVehicleEF	SBUS	1.29	2.80
tblVehicleEF	SBUS	7.5080e-003	4.0730e-003
tblVehicleEF	SBUS	7.2990e-003	4.2060e-003
tblVehicleEF	SBUS	1.47	0.72
tblVehicleEF	SBUS	2.28	7.01
tblVehicleEF	SBUS	16.67	33.55
tblVehicleEF	SBUS	607.53	596.75
tblVehicleEF	SBUS	925.92	994.88
tblVehicleEF	SBUS	115.30	123.07
tblVehicleEF	SBUS	5.8600e-004	6.5600e-004
tblVehicleEF	SBUS	3.76	8.00

tblVehicleEF	SBUS	2.82	6.21
tblVehicleEF	SBUS	1.91	3.23
tblVehicleEF	SBUS	6.4530e-003	0.01
tblVehicleEF	SBUS	0.41	0.45
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	1.3950e-003	6.6200e-003
tblVehicleEF	SBUS	5.9370e-003	0.01
tblVehicleEF	SBUS	0.18	0.19
tblVehicleEF	SBUS	2.5290e-003	2.5830e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	1.2940e-003	5.8290e-003
tblVehicleEF	SBUS	0.07	0.14
tblVehicleEF	SBUS	0.25	0.42
tblVehicleEF	SBUS	0.16	0.09
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.27	0.49
tblVehicleEF	SBUS	1.32	2.80
tblVehicleEF	SBUS	1.06	2.24
tblVehicleEF	SBUS	6.4400e-003	6.0890e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.5740e-003	1.9110e-003
tblVehicleEF	SBUS	0.07	0.14
tblVehicleEF	SBUS	0.25	0.42
tblVehicleEF	SBUS	0.18	0.10
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.31	0.56
tblVehicleEF	SBUS	1.32	2.80
tblVehicleEF	SBUS	1.13	2.40
tblVehicleEF	SBUS	8.6010e-003	4.6660e-003

tblVehicleEF	SBUS	7.2990e-003	4.2060e-003
tblVehicleEF	SBUS	2.79	1.37
tblVehicleEF	SBUS	2.16	6.96
tblVehicleEF	SBUS	25.31	50.97
tblVehicleEF	SBUS	526.41	517.07
tblVehicleEF	SBUS	925.92	994.88
tblVehicleEF	SBUS	115.30	123.07
tblVehicleEF	SBUS	5.8600e-004	6.5600e-004
tblVehicleEF	SBUS	3.48	7.40
tblVehicleEF	SBUS	3.11	6.83
tblVehicleEF	SBUS	2.23	3.78
tblVehicleEF	SBUS	9.3140e-003	0.02
tblVehicleEF	SBUS	0.41	0.45
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	1.3950e-003	6.6200e-003
tblVehicleEF	SBUS	8.5690e-003	0.02
tblVehicleEF	SBUS	0.18	0.19
tblVehicleEF	SBUS	2.5290e-003	2.5830e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	1.2940e-003	5.8290e-003
tblVehicleEF	SBUS	9.9050e-003	0.02
tblVehicleEF	SBUS	0.21	0.40
tblVehicleEF	SBUS	0.19	0.10
tblVehicleEF	SBUS	4.3320e-003	6.6030e-003
tblVehicleEF	SBUS	0.26	0.48
tblVehicleEF	SBUS	1.98	4.06
tblVehicleEF	SBUS	1.36	3.02
tblVehicleEF	SBUS	5.5800e-003	5.2760e-003
tblVehicleEF	SBUS	0.01	0.01

tblVehicleEF	SBUS	1.7190e-003	2.2090e-003
tblVehicleEF	SBUS	9.9050e-003	0.02
tblVehicleEF	SBUS	0.21	0.40
tblVehicleEF	SBUS	0.21	0.11
tblVehicleEF	SBUS	4.3320e-003	6.6030e-003
tblVehicleEF	SBUS	0.30	0.54
tblVehicleEF	SBUS	1.98	4.06
tblVehicleEF	SBUS	1.45	3.23
tblVehicleEF	UBUS	3.08	8.27
tblVehicleEF	UBUS	11.53	19.01
tblVehicleEF	UBUS	1,708.50	1,981.29
tblVehicleEF	UBUS	32.79	35.14
tblVehicleEF	UBUS	1.1650e-003	1.1530e-003
tblVehicleEF	UBUS	5.21	13.16
tblVehicleEF	UBUS	1.64	2.10
tblVehicleEF	UBUS	0.09	0.19
tblVehicleEF	UBUS	3.0900e-004	1.4610e-003
tblVehicleEF	UBUS	0.08	0.18
tblVehicleEF	UBUS	2.8700e-004	1.2780e-003
tblVehicleEF	UBUS	5.7290e-003	0.01
tblVehicleEF	UBUS	0.07	0.17
tblVehicleEF	UBUS	2.3280e-003	4.2480e-003
tblVehicleEF	UBUS	0.33	0.97
tblVehicleEF	UBUS	0.59	1.19
tblVehicleEF	UBUS	0.87	1.48
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	5.7200e-004	7.2100e-004
tblVehicleEF	UBUS	5.7290e-003	0.01
tblVehicleEF	UBUS	0.07	0.17
tblVehicleEF	UBUS	2.3280e-003	4.2480e-003

tblVehicleEF	UBUS	0.37	1.07
tblVehicleEF	UBUS	0.59	1.19
tblVehicleEF	UBUS	0.93	1.59
tblVehicleEF	UBUS	3.14	8.42
tblVehicleEF	UBUS	9.06	14.92
tblVehicleEF	UBUS	1,708.50	1,981.29
tblVehicleEF	UBUS	32.79	35.14
tblVehicleEF	UBUS	1.1650e-003	1.1530e-003
tblVehicleEF	UBUS	4.90	12.41
tblVehicleEF	UBUS	1.53	1.96
tblVehicleEF	UBUS	0.09	0.19
tblVehicleEF	UBUS	3.0900e-004	1.4610e-003
tblVehicleEF	UBUS	0.08	0.18
tblVehicleEF	UBUS	2.8700e-004	1.2780e-003
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.10	0.21
tblVehicleEF	UBUS	5.0680e-003	9.6120e-003
tblVehicleEF	UBUS	0.34	0.98
tblVehicleEF	UBUS	0.55	1.14
tblVehicleEF	UBUS	0.76	1.28
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	5.3000e-004	6.5000e-004
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.10	0.21
tblVehicleEF	UBUS	5.0680e-003	9.6120e-003
tblVehicleEF	UBUS	0.38	1.08
tblVehicleEF	UBUS	0.55	1.14
tblVehicleEF	UBUS	0.81	1.36
tblVehicleEF	UBUS	3.02	8.29
tblVehicleEF	UBUS	14.25	23.59

tblVehicleEF	UBUS	1,708.50	1,981.29
tblVehicleEF	UBUS	32.79	35.14
tblVehicleEF	UBUS	1.1650e-003	1.1530e-003
tblVehicleEF	UBUS	5.34	13.45
tblVehicleEF	UBUS	1.74	2.23
tblVehicleEF	UBUS	0.09	0.19
tblVehicleEF	UBUS	3.0900e-004	1.4610e-003
tblVehicleEF	UBUS	0.08	0.18
tblVehicleEF	UBUS	2.8700e-004	1.2780e-003
tblVehicleEF	UBUS	2.1520e-003	3.9000e-003
tblVehicleEF	UBUS	0.06	0.19
tblVehicleEF	UBUS	1.1070e-003	1.8040e-003
tblVehicleEF	UBUS	0.33	0.96
tblVehicleEF	UBUS	0.75	1.44
tblVehicleEF	UBUS	0.99	1.71
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	6.1900e-004	8.0000e-004
tblVehicleEF	UBUS	2.1520e-003	3.9000e-003
tblVehicleEF	UBUS	0.06	0.19
tblVehicleEF	UBUS	1.1070e-003	1.8040e-003
tblVehicleEF	UBUS	0.37	1.05
tblVehicleEF	UBUS	0.75	1.44
tblVehicleEF	UBUS	1.06	1.83
tblVehicleTrips	WD_TR	6.59	6.65
tblVehicleTrips	WD_TR	6.59	6.65
tblVehicleTrips	WD_TR	6.97	12.44
tblVehicleTrips	WD_TR	11.01	17.91
tblVehicleTrips	WD_TR	42.94	42.70
tblVehicleTrips	WD_TR	9.57	9.52
tblWoodstoves	NumberCatalytic	10.00	0.00

tblWoodstoves	NumberCatalytic	9.00	0.00
tblWoodstoves	NumberCatalytic	167.90	0.00
tblWoodstoves	NumberNoncatalytic	10.00	0.00
tblWoodstoves	NumberNoncatalytic	9.00	0.00
tblWoodstoves	NumberNoncatalytic	167.90	0.00

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	4.9004	51.8294	40.1061	0.0413	18.2141	2.7553	20.9695	9.9699	2.5349	12.5048	0.0000	4,146.4278	4,146.4278	1.2333	0.0000	4,172.3275
2018	5.3510	59.6097	43.0103	0.0636	18.2141	2.7893	20.5806	9.9699	2.5661	12.1471	0.0000	6,355.7392	6,355.7392	1.9412	0.0000	6,396.5047
2019	13.3507	73.0002	165.1383	0.3479	19.0897	2.5061	21.2738	5.1492	2.3057	7.1852	0.0000	29,315.9512	29,315.9512	1.9402	0.0000	29,356.6945
2020	12.2886	63.4411	157.0102	0.3477	19.0902	1.9141	21.0043	5.1494	1.7844	6.9338	0.0000	28,463.9806	28,463.9806	1.2953	0.0000	28,491.1819
2021	11.4442	53.9698	150.3823	0.3478	19.0910	1.6738	20.7648	5.1497	1.5601	6.7099	0.0000	28,280.3265	28,280.3265	1.2642	0.0000	28,306.8746
2022	10.8609	48.1763	144.7210	0.3476	19.0918	1.5121	20.6039	5.1501	1.4089	6.5589	0.0000	28,099.2801	28,099.2801	1.2391	0.0000	28,125.3020
2023	10.0000	42.8034	135.8797	0.3472	19.0925	1.3607	20.4532	5.1504	1.2674	6.4177	0.0000	27,921.5345	27,921.5345	1.2071	0.0000	27,946.8831
2024	9.5639	41.5442	131.2375	0.3473	19.0933	1.2779	20.3712	5.1507	1.1892	6.3399	0.0000	27,796.5297	27,796.5297	1.1887	0.0000	27,821.4931
2025	9.2501	40.3147	128.2506	0.3473	19.0940	1.1952	20.2892	5.1510	1.1114	6.2624	0.0000	27,684.9001	27,684.9001	1.1716	0.0000	27,709.5044
2026	8.9887	39.9407	124.6720	0.3475	19.0948	1.1921	20.2869	5.1513	1.1086	6.2599	0.0000	27,601.0746	27,601.0746	1.1564	0.0000	27,625.3590
2027	8.8286	39.7156	122.8032	0.3475	19.0956	1.1939	20.2895	5.1517	1.1102	6.2618	0.0000	27,517.6640	27,517.6640	1.1454	0.0000	27,541.7173

2028	8.6927	39.4961	121.2048	0.3475	19.0963	1.1942	20.2905	5.1520	1.1104	6.2624	0.0000	27,446.2159	27,446.2159	1.1353	0.0000	27,470.0561
2029	8.5495	39.3071	119.6150	0.3475	19.0970	1.1948	20.2918	5.1522	1.1111	6.2633	0.0000	27,385.3784	27,385.3784	1.1258	0.0000	27,409.0191
2030	188.7091	7.0095	15.7948	0.0374	2.9737	0.3243	3.0170	0.7888	0.3243	0.8304	0.0000	2,690.2484	2,690.2484	0.1253	0.0000	2,692.8802
2031	188.6871	1.5444	8.2643	0.0374	2.9737	0.0433	3.0171	0.7888	0.0416	0.8304	0.0000	2,450.8053	2,450.8053	0.0931	0.0000	2,452.7607
2032	188.6649	1.5250	8.1091	0.0374	2.9737	0.0433	3.0171	0.7888	0.0417	0.8304	0.0000	2,443.3550	2,443.3550	0.0918	0.0000	2,445.2826
Total	688.1304	643.2271	1,616.1991	4.0400	255.3756	22.1705	276.5202	78.9639	20.5757	98.5984	0.0000	325,599.4111	325,599.4111	17.3538	0.0000	325,963.8406

Mitigated Construction

Year	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
	lb/day										lb/day					
2017	4.9004	51.8294	40.1061	0.0413	18.2141	2.7553	20.9695	9.9699	2.5349	12.5048	0.0000	4,146.4278	4,146.4278	1.2333	0.0000	4,172.3275
2018	5.3510	59.6097	43.0103	0.0636	18.2141	2.7893	20.5806	9.9699	2.5661	12.1471	0.0000	6,355.7392	6,355.7392	1.9412	0.0000	6,396.5047
2019	13.3507	73.0002	165.1383	0.3479	19.0897	2.5061	21.2738	5.1492	2.3057	7.1852	0.0000	29,315.9512	29,315.9512	1.9402	0.0000	29,356.6945
2020	12.2886	63.4411	157.0102	0.3477	19.0902	1.9141	21.0043	5.1494	1.7844	6.9338	0.0000	28,463.9806	28,463.9806	1.2953	0.0000	28,491.1819
2021	11.4442	53.9698	150.3823	0.3478	19.0910	1.6738	20.7648	5.1497	1.5601	6.7099	0.0000	28,280.3265	28,280.3265	1.2642	0.0000	28,306.8746
2022	10.8609	48.1763	144.7210	0.3476	19.0918	1.5121	20.6039	5.1501	1.4089	6.5589	0.0000	28,099.2801	28,099.2801	1.2391	0.0000	28,125.3020
2023	10.0000	42.8034	135.8797	0.3472	19.0925	1.3607	20.4532	5.1504	1.2674	6.4177	0.0000	27,921.5345	27,921.5345	1.2071	0.0000	27,946.8831
2024	9.5639	41.5442	131.2375	0.3473	19.0933	1.2779	20.3712	5.1507	1.1892	6.3399	0.0000	27,796.5297	27,796.5297	1.1887	0.0000	27,821.4931
2025	9.2501	40.3147	128.2506	0.3473	19.0940	1.1952	20.2892	5.1510	1.1114	6.2624	0.0000	27,684.9001	27,684.9001	1.1716	0.0000	27,709.5044
2026	8.9887	39.9407	124.6720	0.3475	19.0948	1.1921	20.2869	5.1513	1.1086	6.2599	0.0000	27,601.0746	27,601.0746	1.1564	0.0000	27,625.3590
2027	8.8286	39.7156	122.8032	0.3475	19.0956	1.1939	20.2895	5.1517	1.1102	6.2618	0.0000	27,517.6640	27,517.6640	1.1454	0.0000	27,541.7173

2028	8.6927	39.4961	121.2048	0.3475	19.0963	1.1942	20.2905	5.1520	1.1104	6.2624	0.0000	27,446.2159	27,446.2159	1.1353	0.0000	27,470.0561
2029	8.5495	39.3071	119.6150	0.3475	19.0970	1.1948	20.2918	5.1522	1.1111	6.2633	0.0000	27,385.3784	27,385.3784	1.1258	0.0000	27,409.0191
2030	188.7091	7.0095	15.7948	0.0374	2.9737	0.3243	3.0170	0.7888	0.3243	0.8304	0.0000	2,690.2484	2,690.2484	0.1253	0.0000	2,692.8802
2031	188.6871	1.5444	8.2643	0.0374	2.9737	0.0433	3.0171	0.7888	0.0416	0.8304	0.0000	2,450.8053	2,450.8053	0.0931	0.0000	2,452.7607
2032	188.6649	1.5250	8.1091	0.0374	2.9737	0.0433	3.0171	0.7888	0.0417	0.8304	0.0000	2,443.3550	2,443.3550	0.0918	0.0000	2,445.2826
Total	688.1304	643.2271	1,616.1991	4.0400	255.3756	22.1705	276.5202	78.9639	20.5757	98.5984	0.0000	325,599.4111	325,599.4111	17.3538	0.0000	325,963.8406

	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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	139.4213	1.2850	111.5458	5.9100e-003		2.3959	2.3959		2.3772	2.3772	0.0000	28,247.4833	28,247.4833	0.7299	0.5142	28,422.2055
Energy	1.8249	15.9957	9.5759	0.0995		1.2609	1.2609		1.2609	1.2609		19,908.2570	19,908.2570	0.3816	0.3650	20,029.4154
Mobile	158.4119	471.0622	1,754.9185	3.3795	212.8524	6.5470	219.3994	56.9533	6.0281	62.9814		283,145.5552	283,145.5552	10.2027		283,359.8119
Total	299.6581	488.3428	1,876.0401	3.4849	212.8524	10.2038	223.0562	56.9533	9.6662	66.6195	0.0000	331,301.2956	331,301.2956	11.3141	0.8792	331,811.4328

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	139.4213	1.2850	111.5458	5.9100e-003		2.3959	2.3959		2.3772	2.3772	0.0000	28,247.4833	28,247.4833	0.7299	0.5142	28,422.2055
Energy	1.8249	15.9957	9.5759	0.0995		1.2609	1.2609		1.2609	1.2609		19,908.2570	19,908.2570	0.3816	0.3650	20,029.4154
Mobile	158.4119	471.0622	1,754.9185	3.3795	212.8524	6.5470	219.3994	56.9533	6.0281	62.9814		283,145.5552	283,145.5552	10.2027		283,359.8119
Total	299.6581	488.3428	1,876.0401	3.4849	212.8524	10.2038	223.0562	56.9533	9.6662	66.6195	0.0000	331,301.2956	331,301.2956	11.3141	0.8792	331,811.4328

	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2017	2/1/2017	5	23	
2	Site Preparation	Site Preparation	2/2/2017	1/3/2018	5	240	
3	Grading	Grading	1/4/2018	3/13/2019	5	310	
4	Building Construction	Building Construction	3/14/2019	3/15/2029	5	2611	
5	Paving	Paving	3/16/2029	11/21/2030	5	440	
6	Architectural Coating	Architectural Coating	11/22/2030	7/29/2032	5	440	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1353

Acres of Paving: 0

Residential Indoor: 4,448,925; Residential Outdoor: 1,482,975; Non-Residential Indoor: 4,474,123; Non-Residential Outdoor: 1,491,374

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Excavators	3	8.00	162	0.38
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Excavators	2	8.00	162	0.38
Building Construction	Cranes	1	7.00	226	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Paving	Pavers	2	8.00	125	0.42
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	2	8.00	255	0.40
Grading	Rubber Tired Dozers	1	8.00	255	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Graders	1	8.00	174	0.41
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Paving Equipment	2	8.00	130	0.36
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	3	8.00	255	0.40
Grading	Scrapers	2	8.00	361	0.48
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	1,810.00	634.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Architectural Coating	1	362.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHTD
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3.1 Mitigation Measures Construction

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					
Off-Road	4.0482	42.6971	33.8934	0.0399		2.1252	2.1252		1.9797	1.9797		4,036.4674	4,036.4674	1.1073		4,059.7211
Total	4.0482	42.6971	33.8934	0.0399		2.1252	2.1252		1.9797	1.9797		4,036.4674	4,036.4674	1.1073		4,059.7211

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	0.0518	0.0633	0.5909	1.4100e-003	0.1232	9.3000e-004	0.1242	0.0327	8.5000e-004	0.0335		109.9605	109.9605	5.6500e-003		110.0791
Total	0.0518	0.0633	0.5909	1.4100e-003	0.1232	9.3000e-004	0.1242	0.0327	8.5000e-004	0.0335		109.9605	109.9605	5.6500e-003		110.0791

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	4.0482	42.6971	33.8934	0.0399		2.1252	2.1252		1.9797	1.9797	0.0000	4,036.4674	4,036.4674	1.1073		4,059.7211
Total	4.0482	42.6971	33.8934	0.0399		2.1252	2.1252		1.9797	1.9797	0.0000	4,036.4674	4,036.4674	1.1073		4,059.7211

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	0.0518	0.0633	0.5909	1.4100e-003	0.1232	9.3000e-004	0.1242	0.0327	8.5000e-004	0.0335		109.9605	109.9605	5.6500e-003		110.0791
Total	0.0518	0.0633	0.5909	1.4100e-003	0.1232	9.3000e-004	0.1242	0.0327	8.5000e-004	0.0335		109.9605	109.9605	5.6500e-003		110.0791

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
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Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.8382	51.7535	39.3970	0.0391		2.7542	2.7542		2.5339	2.5339		4,003.0859	4,003.0859	1.2265		4,028.8432
Total	4.8382	51.7535	39.3970	0.0391	18.0663	2.7542	20.8205	9.9307	2.5339	12.4646		4,003.0859	4,003.0859	1.2265		4,028.8432

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	0.0622	0.0760	0.7091	1.6900e-003	0.1479	1.1100e-003	0.1490	0.0392	1.0200e-003	0.0402		131.9526	131.9526	6.7800e-003		132.0949
Total	0.0622	0.0760	0.7091	1.6900e-003	0.1479	1.1100e-003	0.1490	0.0392	1.0200e-003	0.0402		131.9526	131.9526	6.7800e-003		132.0949

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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.8382	51.7535	39.3970	0.0391		2.7542	2.7542		2.5339	2.5339	0.0000	4,003.0859	4,003.0859	1.2265		4,028.8432

Total	4.8382	51.7535	39.3970	0.0391	18.0663	2.7542	20.8205	9.9307	2.5339	12.4646	0.0000	4,003.0859	4,003.0859	1.2265		4,028.8432
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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	0.0622	0.0760	0.7091	1.6900e-003	0.1479	1.1100e-003	0.1490	0.0392	1.0200e-003	0.0402		131.9526	131.9526	6.7800e-003		132.0949
Total	0.0622	0.0760	0.7091	1.6900e-003	0.1479	1.1100e-003	0.1490	0.0392	1.0200e-003	0.0402		131.9526	131.9526	6.7800e-003		132.0949

3.3 Site Preparation - 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					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.2921	45.6088	36.2346	0.0391		2.3654	2.3654		2.1762	2.1762		3,939.7731	3,939.7731	1.2265		3,965.5297
Total	4.2921	45.6088	36.2346	0.0391	18.0663	2.3654	20.4317	9.9307	2.1762	12.1069		3,939.7731	3,939.7731	1.2265		3,965.5297

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	0.0554	0.0684	0.6331	1.7100e-003	0.1479	1.1100e-003	0.1490	0.0392	1.0300e-003	0.0403		128.6416	128.6416	6.3700e-003		128.7754
Total	0.0554	0.0684	0.6331	1.7100e-003	0.1479	1.1100e-003	0.1490	0.0392	1.0300e-003	0.0403		128.6416	128.6416	6.3700e-003		128.7754

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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.2921	45.6088	36.2346	0.0391		2.3654	2.3654		2.1762	2.1762	0.0000	3,939.7731	3,939.7731	1.2265		3,965.5297
Total	4.2921	45.6088	36.2346	0.0391	18.0663	2.3654	20.4317	9.9307	2.1762	12.1069	0.0000	3,939.7731	3,939.7731	1.2265		3,965.5297

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	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
Worker	0.0554	0.0684	0.6331	1.7100e-003	0.1479	1.1100e-003	0.1490	0.0392	1.0300e-003	0.0403	128.6416	128.6416	6.3700e-003	128.7754	
Total	0.0554	0.0684	0.6331	1.7100e-003	0.1479	1.1100e-003	0.1490	0.0392	1.0300e-003	0.0403	128.6416	128.6416	6.3700e-003	128.7754	

3.4 Grading - 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					
Fugitive Dust					10.6507	0.0000	10.6507	3.8100	0.0000	3.8100			0.0000			0.0000
Off-Road	5.2895	59.5338	42.3068	0.0617		2.7880	2.7880		2.5650	2.5650		6,212.8042	6,212.8042	1.9341		6,253.4209
Total	5.2895	59.5338	42.3068	0.0617	10.6507	2.7880	13.4387	3.8100	2.5650	6.3750		6,212.8042	6,212.8042	1.9341		6,253.4209

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	0.0615	0.0760	0.7035	1.9000e-003	0.1643	1.2300e-003	0.1655	0.0436	1.1400e-003	0.0447		142.9351	142.9351	7.0800e-003		143.0838

Total	0.0615	0.0760	0.7035	1.9000e-003	0.1643	1.2300e-003	0.1655	0.0436	1.1400e-003	0.0447		142.9351	142.9351	7.0800e-003		143.0838
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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					10.6507	0.0000	10.6507	3.8100	0.0000	3.8100			0.0000			0.0000
Off-Road	5.2895	59.5338	42.3068	0.0617		2.7880	2.7880		2.5650	2.5650	0.0000	6,212.8041	6,212.8041	1.9341		6,253.4209
Total	5.2895	59.5338	42.3068	0.0617	10.6507	2.7880	13.4387	3.8100	2.5650	6.3750	0.0000	6,212.8041	6,212.8041	1.9341		6,253.4209

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	0.0615	0.0760	0.7035	1.9000e-003	0.1643	1.2300e-003	0.1655	0.0436	1.1400e-003	0.0447		142.9351	142.9351	7.0800e-003		143.0838
Total	0.0615	0.0760	0.7035	1.9000e-003	0.1643	1.2300e-003	0.1655	0.0436	1.1400e-003	0.0447		142.9351	142.9351	7.0800e-003		143.0838

3.4 Grading - 2019

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					10.6507	0.0000	10.6507	3.8100	0.0000	3.8100			0.0000			0.0000
Off-Road	4.8912	54.1978	40.2888	0.0617		2.5049	2.5049		2.3045	2.3045		6,111.3121	6,111.3121	1.9336		6,151.9167
Total	4.8912	54.1978	40.2888	0.0617	10.6507	2.5049	13.1556	3.8100	2.3045	6.1145		6,111.3121	6,111.3121	1.9336		6,151.9167

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	0.0560	0.0692	0.6380	1.9000e-003	0.1643	1.2200e-003	0.1655	0.0436	1.1300e-003	0.0447		137.8759	137.8759	6.6100e-003		138.0147
Total	0.0560	0.0692	0.6380	1.9000e-003	0.1643	1.2200e-003	0.1655	0.0436	1.1300e-003	0.0447		137.8759	137.8759	6.6100e-003		138.0147

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					10.6507	0.0000	10.6507	3.8100	0.0000	3.8100			0.0000			0.0000
Off-Road	4.8912	54.1978	40.2888	0.0617		2.5049	2.5049		2.3045	2.3045	0.0000	6,111.3121	6,111.3121	1.9336		6,151.9167
Total	4.8912	54.1978	40.2888	0.0617	10.6507	2.5049	13.1556	3.8100	2.3045	6.1145	0.0000	6,111.3121	6,111.3121	1.9336		6,151.9167

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	0.0560	0.0692	0.6380	1.9000e-003	0.1643	1.2200e-003	0.1655	0.0436	1.1300e-003	0.0447		137.8759	137.8759	6.6100e-003		138.0147
Total	0.0560	0.0692	0.6380	1.9000e-003	0.1643	1.2200e-003	0.1655	0.0436	1.1300e-003	0.0447		137.8759	137.8759	6.6100e-003		138.0147

3.5 Building Construction - 2019

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	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083		2,580.7618	2,580.7618	0.6279		2,593.9479
Total	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083		2,580.7618	2,580.7618	0.6279		2,593.9479

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	5.9312	45.7772	90.2769	0.1494	4.2210	0.7888	5.0098	1.2054	0.7255	1.9309		14,257.4179	14,257.4179	0.1170		14,259.8742
Worker	5.0679	6.2580	57.7411	0.1717	14.8687	0.1102	14.9790	3.9439	0.1022	4.0461		12,477.7715	12,477.7715	0.5979		12,490.3265
Total	10.9991	52.0352	148.0179	0.3211	19.0897	0.8990	19.9887	5.1492	0.8277	5.9769		26,735.1894	26,735.1894	0.7148		26,750.2007

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	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083	0.0000	2,580.7618	2,580.7618	0.6279		2,593.9479
Total	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083	0.0000	2,580.7618	2,580.7618	0.6279		2,593.9479

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	5.9312	45.7772	90.2769	0.1494	4.2210	0.7888	5.0098	1.2054	0.7255	1.9309		14,257.4179	14,257.4179	0.1170		14,259.8742
Worker	5.0679	6.2580	57.7411	0.1717	14.8687	0.1102	14.9790	3.9439	0.1022	4.0461		12,477.7715	12,477.7715	0.5979		12,490.3265
Total	10.9991	52.0352	148.0179	0.3211	19.0897	0.8990	19.9887	5.1492	0.8277	5.9769		26,735.1894	26,735.1894	0.7148		26,750.2007

3.5 Building Construction - 2020
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	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880
Total	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880

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	5.4757	38.5888	86.9824	0.1492	4.2215	0.6915	4.9130	1.2056	0.6361	1.8417		13,931.8122	13,931.8122	0.1114		13,934.1515
Worker	4.7016	5.7684	53.2193	0.1717	14.8687	0.1098	14.9785	3.9439	0.1018	4.0457		11,989.6885	11,989.6885	0.5645		12,001.5424
Total	10.1773	44.3572	140.2017	0.3209	19.0902	0.8012	19.8915	5.1494	0.7379	5.8873		25,921.5007	25,921.5007	0.6759		25,935.6939

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	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880
Total	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880

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	5.4757	38.5888	86.9824	0.1492	4.2215	0.6915	4.9130	1.2056	0.6361	1.8417		13,931.8122	13,931.8122	0.1114		13,934.1515
Worker	4.7016	5.7684	53.2193	0.1717	14.8687	0.1098	14.9785	3.9439	0.1018	4.0457		11,989.6885	11,989.6885	0.5645		12,001.5424
Total	10.1773	44.3572	140.2017	0.3209	19.0902	0.8012	19.8915	5.1494	0.7379	5.8873		25,921.5007	25,921.5007	0.6759		25,935.6939

3.5 Building Construction - 2021

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	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979		2,542.7817	2,542.7817	0.6126		2,555.6462
Total	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979		2,542.7817	2,542.7817	0.6126		2,555.6462

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	5.1250	31.2467	83.9542	0.1489	4.2223	0.6084	4.8307	1.2059	0.5598	1.7656		13,911.2258	13,911.2258	0.1098		13,913.5314
Worker	4.4260	5.3829	49.8905	0.1721	14.8687	0.1105	14.9792	3.9439	0.1025	4.0464		11,826.3190	11,826.3190	0.5418		11,837.6971
Total	9.5510	36.6296	133.8447	0.3210	19.0910	0.7190	19.8099	5.1498	0.6623	5.8120		25,737.5448	25,737.5448	0.6516		25,751.2284

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	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979	0.0000	2,542.7817	2,542.7817	0.6126		2,555.6462
Total	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979	0.0000	2,542.7817	2,542.7817	0.6126		2,555.6462

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	5.1250	31.2467	83.9542	0.1489	4.2223	0.6084	4.8307	1.2059	0.5598	1.7656		13,911.2258	13,911.2258	0.1098		13,913.5314
Worker	4.4260	5.3829	49.8905	0.1721	14.8687	0.1105	14.9792	3.9439	0.1025	4.0464		11,826.3190	11,826.3190	0.5418		11,837.6971
Total	9.5510	36.6296	133.8447	0.3210	19.0910	0.7190	19.8099	5.1498	0.6623	5.8120		25,737.5448	25,737.5448	0.6516		25,751.2284

3.5 Building Construction - 2022

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	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581		2,543.7497	2,543.7497	0.6085		2,556.5286

Total	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581		2,543.749	2,543.7497	0.6085		2,556.528
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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	4.9821	27.5917	81.5845	0.1488	4.2231	0.5957	4.8188	1.2062	0.5480	1.7542		13,899.9350	13,899.9350	0.1114		13,902.2738
Worker	4.1796	5.0482	46.8089	0.1720	14.8687	0.1107	14.9794	3.9439	0.1027	4.0466		11,655.5955	11,655.5955	0.5192		11,666.4995
Total	9.1618	32.6399	128.3935	0.3208	19.0918	0.7064	19.7982	5.1501	0.6507	5.8008		25,555.5305	25,555.5305	0.6306		25,568.7733

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	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581	0.0000	2,543.7497	2,543.7497	0.6085		2,556.5286
Total	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581	0.0000	2,543.7497	2,543.7497	0.6085		2,556.5286

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	4.9821	27.5917	81.5845	0.1488	4.2231	0.5957	4.8188	1.2062	0.5480	1.7542		13,899.9350	13,899.9350	0.1114		13,902.2738
Worker	4.1796	5.0482	46.8089	0.1720	14.8687	0.1107	14.9794	3.9439	0.1027	4.0466		11,655.5955	11,655.5955	0.5192		11,666.4995
Total	9.1618	32.6399	128.3935	0.3208	19.0918	0.7064	19.7982	5.1501	0.6507	5.8008		25,555.5305	25,555.5305	0.6306		25,568.7733

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557		2,544.6262	2,544.6262	0.6044		2,557.3191
Total	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557		2,544.6262	2,544.6262	0.6044		2,557.3191

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
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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	0.0000	0.0000
Vendor	4.4783	23.7362	75.6509	0.1484	4.2238	0.5530	4.7768	1.2065	0.5088	1.7153	13,873.8939	13,873.8939	0.1032			13,876.0600
Worker	3.9556	4.7546	44.0195	0.1720	14.8687	0.1110	14.9797	3.9439	0.1030	4.0468	11,503.0143	11,503.0143	0.4995			11,513.5039
Total	8.4339	28.4908	119.6704	0.3204	19.0925	0.6640	19.7565	5.1504	0.6117	5.7621	25,376.9082	25,376.9082	0.6027			25,389.5640

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	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557	0.0000	2,544.6262	2,544.6262	0.6044		2,557.3191
Total	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557	0.0000	2,544.6262	2,544.6262	0.6044		2,557.3191

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	4.4783	23.7362	75.6509	0.1484	4.2238	0.5530	4.7768	1.2065	0.5088	1.7153	13,873.8939	13,873.8939	0.1032			13,876.0600

Worker	3.9556	4.7546	44.0195	0.1720	14.8687	0.1110	14.9797	3.9439	0.1030	4.0468		11,503.0143	11,503.0143	0.4995		11,513.5039
Total	8.4339	28.4908	119.6704	0.3204	19.0925	0.6640	19.7565	5.1504	0.6117	5.7621		25,376.9082	25,376.9082	0.6027		25,389.5640

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744		2,545.1154	2,545.1154	0.6009		2,557.7349
Total	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744		2,545.1154	2,545.1154	0.6009		2,557.7349

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	4.3384	23.6609	73.2560	0.1484	4.2246	0.5557	4.7802	1.2068	0.5112	1.7181		13,877.4427	13,877.4427	0.1035		13,879.6154
Worker	3.7602	4.5059	41.8484	0.1721	14.8687	0.1117	14.9804	3.9439	0.1036	4.0475		11,373.9716	11,373.9716	0.4844		11,384.1429
Total	8.0986	28.1668	115.1043	0.3204	19.0933	0.6673	19.7606	5.1507	0.6148	5.7655		25,251.4142	25,251.4142	0.5878		25,263.7582

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	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744	0.0000	2,545.1154	2,545.1154	0.6009		2,557.7349
Total	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744	0.0000	2,545.1154	2,545.1154	0.6009		2,557.7349

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	4.3384	23.6609	73.2560	0.1484	4.2246	0.5557	4.7802	1.2068	0.5112	1.7181		13,877.4427	13,877.4427	0.1035		13,879.6154
Worker	3.7602	4.5059	41.8484	0.1721	14.8687	0.1117	14.9804	3.9439	0.1036	4.0475		11,373.9716	11,373.9716	0.4844		11,384.1429
Total	8.0986	28.1668	115.1043	0.3204	19.0933	0.6673	19.7606	5.1507	0.6148	5.7655		25,251.4142	25,251.4142	0.5878		25,263.7582

3.5 Building Construction - 2025

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
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Category	lb/day										lb/day				
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	2,545.8905	2,545.8905	0.5975		2,558.4386

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	4.2926	23.6067	72.2180	0.1484	4.2253	0.5579	4.7832	1.2071	0.5133	1.7204		13,880.7854	13,880.7854	0.1037		13,882.9640
Worker	3.5961	4.2983	39.9808	0.1720	14.8687	0.1123	14.9810	3.9439	0.1042	4.0480		11,258.2242	11,258.2242	0.4704		11,268.1018
Total	7.8887	27.9050	112.1988	0.3204	19.0940	0.6702	19.7642	5.1510	0.6175	5.7685		25,139.0096	25,139.0096	0.5741		25,151.0658

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	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386

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	4.2926	23.6067	72.2180	0.1484	4.2253	0.5579	4.7832	1.2071	0.5133	1.7204		13,880.7854	13,880.7854	0.1037		13,882.9640
Worker	3.5961	4.2983	39.9808	0.1720	14.8687	0.1123	14.9810	3.9439	0.1042	4.0480		11,258.2242	11,258.2242	0.4704		11,268.1018
Total	7.8887	27.9050	112.1988	0.3204	19.0940	0.6702	19.7642	5.1510	0.6175	5.7685		25,139.0096	25,139.0096	0.5741		25,151.0658

3.5 Building Construction - 2026

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	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386

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	4.1847	23.4118	70.4789	0.1484	4.2261	0.5545	4.7806	1.2075	0.5102	1.7176		13,883.6772	13,883.6772	0.1033		13,885.8458
Worker	3.4425	4.1192	38.1412	0.1722	14.8687	0.1126	14.9814	3.9439	0.1045	4.0484		11,171.5069	11,171.5069	0.4556		11,181.0746
Total	7.6272	27.5310	108.6202	0.3206	19.0948	0.6671	19.7619	5.1513	0.6147	5.7660		25,055.1841	25,055.1841	0.5589		25,066.9204

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	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386

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	0.0000	0.0000
Vendor	4.1847	23.4118	70.4789	0.1484	4.2261	0.5545	4.7806	1.2075	0.5102	1.7176		13,883.6772	13,883.6772	0.1033		13,885.8458
Worker	3.4425	4.1192	38.1412	0.1722	14.8687	0.1126	14.9814	3.9439	0.1045	4.0484		11,171.5069	11,171.5069	0.4556		11,181.0746
Total	7.6272	27.5310	108.6202	0.3206	19.0948	0.6671	19.7619	5.1513	0.6147	5.7660		25,055.1841	25,055.1841	0.5589		25,066.9204

3.5 Building Construction - 2027

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	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386

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	4.1632	23.3464	70.0283	0.1484	4.2268	0.5555	4.7824	1.2078	0.5111	1.7189		13,887.5274	13,887.5274	0.1034		13,889.6990
Worker	3.3039	3.9595	36.7231	0.1722	14.8687	0.1134	14.9821	3.9439	0.1052	4.0491		11,084.2460	11,084.2460	0.4445		11,093.5798

Total	7.4671	27.3059	106.7514	0.3207	19.0956	0.6689	19.7645	5.1517	0.6163	5.7679		24,971.77	24,971.773	0.5479		24,983.27
												35	5			88

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	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386

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	4.1632	23.3464	70.0283	0.1484	4.2268	0.5555	4.7824	1.2078	0.5111	1.7189		13,887.5274	13,887.5274	0.1034		13,889.6990
Worker	3.3039	3.9595	36.7231	0.1722	14.8687	0.1134	14.9821	3.9439	0.1052	4.0491		11,084.2460	11,084.2460	0.4445		11,093.5798
Total	7.4671	27.3059	106.7514	0.3207	19.0956	0.6689	19.7645	5.1517	0.6163	5.7679		24,971.7735	24,971.7735	0.5479		24,983.2788

3.5 Building Construction - 2028

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	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386

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	4.1570	23.2725	69.6904	0.1485	4.2276	0.5552	4.7828	1.2081	0.5108	1.7189		13,890.9055	13,890.9055	0.1034		13,893.0760
Worker	3.1742	3.8139	35.4626	0.1722	14.8687	0.1140	14.9827	3.9439	0.1058	4.0497		11,009.4199	11,009.4199	0.4344		11,018.5415
Total	7.3312	27.0864	105.1530	0.3207	19.0963	0.6692	19.7655	5.1520	0.6165	5.7685		24,900.3253	24,900.3253	0.5377		24,911.6175

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	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975		2,558.4386

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	4.1570	23.2725	69.6904	0.1485	4.2276	0.5552	4.7828	1.2081	0.5108	1.7189		13,890.9055	13,890.9055	0.1034		13,893.0760
Worker	3.1742	3.8139	35.4626	0.1722	14.8687	0.1140	14.9827	3.9439	0.1058	4.0497		11,009.4199	11,009.4199	0.4344		11,018.5415
Total	7.3312	27.0864	105.1530	0.3207	19.0963	0.6692	19.7655	5.1520	0.6165	5.7685		24,900.3253	24,900.3253	0.5377		24,911.6175

3.5 Building Construction - 2029

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	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386

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	4.1397	23.2198	69.2859	0.1485	4.2282	0.5553	4.7836	1.2084	0.5109	1.7193		13,893.9598	13,893.9598	0.1034			13,896.1311
Worker	3.0483	3.6776	34.2774	0.1722	14.8687	0.1145	14.9832	3.9439	0.1062	4.0501		10,945.5280	10,945.5280	0.4248			10,954.4494
Total	7.1880	26.8974	103.5632	0.3207	19.0970	0.6698	19.7668	5.1522	0.6172	5.7694		24,839.4878	24,839.4878	0.5282			24,850.5806

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	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975			2,558.4386
Total	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939	0.0000	2,545.8905	2,545.8905	0.5975			2,558.4386

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	4.1397	23.2198	69.2859	0.1485	4.2282	0.5553	4.7836	1.2084	0.5109	1.7193		13,893.9598	13,893.9598	0.1034		13,896.1311
Worker	3.0483	3.6776	34.2774	0.1722	14.8687	0.1145	14.9832	3.9439	0.1062	4.0501		10,945.5280	10,945.5280	0.4248		10,954.4494
Total	7.1880	26.8974	103.5632	0.3207	19.0970	0.6698	19.7668	5.1522	0.6172	5.7694		24,839.4878	24,839.4878	0.5282		24,850.5806

3.6 Paving - 2029

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	0.8973	8.4215	14.2781	0.0223		0.4109	0.4109		0.3781	0.3781		2,159.7967	2,159.7967	0.6985		2,174.4656
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.8973	8.4215	14.2781	0.0223		0.4109	0.4109		0.3781	0.3781		2,159.7967	2,159.7967	0.6985		2,174.4656

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	0.0253	0.0305	0.2841	1.4300e-003	0.1232	9.5000e-004	0.1242	0.0327	8.8000e-004	0.0336		90.7088	90.7088	3.5200e-003		90.7827
Total	0.0253	0.0305	0.2841	1.4300e-003	0.1232	9.5000e-004	0.1242	0.0327	8.8000e-004	0.0336		90.7088	90.7088	3.5200e-003		90.7827

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	0.8973	8.4215	14.2781	0.0223		0.4109	0.4109		0.3781	0.3781	0.0000	2,159.7967	2,159.7967	0.6985		2,174.4656
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.8973	8.4215	14.2781	0.0223		0.4109	0.4109		0.3781	0.3781	0.0000	2,159.7967	2,159.7967	0.6985		2,174.4656

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	0.0253	0.0305	0.2841	1.4300e-003	0.1232	9.5000e-004	0.1242	0.0327	8.8000e-004	0.0336		90.7088	90.7088	3.5200e-003		90.7827
Total	0.0253	0.0305	0.2841	1.4300e-003	0.1232	9.5000e-004	0.1242	0.0327	8.8000e-004	0.0336		90.7088	90.7088	3.5200e-003		90.7827

3.6 Paving - 2030

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	1.3549	6.9800	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234		2,599.9866	2,599.9866	0.1219		2,602.5460
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3549	6.9800	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234		2,599.9866	2,599.9866	0.1219		2,602.5460

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	0.0243	0.0295	0.2756	1.4300e-003	0.1232	9.5000e-004	0.1242	0.0327	8.8000e-004	0.0336		90.2618	90.2618	3.4500e-003		90.3343
Total	0.0243	0.0295	0.2756	1.4300e-003	0.1232	9.5000e-004	0.1242	0.0327	8.8000e-004	0.0336		90.2618	90.2618	3.4500e-003		90.3343

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	1.3549	6.9800	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234	0.0000	2,599.9866	2,599.9866	0.1219		2,602.5460
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3549	6.9800	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234	0.0000	2,599.9866	2,599.9866	0.1219		2,602.5460

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	0.0243	0.0295	0.2756	1.4300e-003	0.1232	9.5000e-004	0.1242	0.0327	8.8000e-004	0.0336		90.2618	90.2618	3.4500e-003		90.3343
Total	0.0243	0.0295	0.2756	1.4300e-003	0.1232	9.5000e-004	0.1242	0.0327	8.8000e-004	0.0336		90.2618	90.2618	3.4500e-003		90.3343

3.7 Architectural Coating - 2030

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	187.9924					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873
Total	188.1231	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873

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	0.5860	0.7109	6.6510	0.0344	2.9737	0.0230	2.9967	0.7888	0.0213	0.8101		2,178.3187	2,178.3187	0.0832		2,180.0667
Total	0.5860	0.7109	6.6510	0.0344	2.9737	0.0230	2.9967	0.7888	0.0213	0.8101		2,178.3187	2,178.3187	0.0832		2,180.0667

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	187.9924					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.6873
Total	188.1231	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.6873

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	0.5860	0.7109	6.6510	0.0344	2.9737	0.0230	2.9967	0.7888	0.0213	0.8101		2,178.3187	2,178.3187	0.0832			2,180.0667
Total	0.5860	0.7109	6.6510	0.0344	2.9737	0.0230	2.9967	0.7888	0.0213	0.8101		2,178.3187	2,178.3187	0.0832			2,180.0667

3.7 Architectural Coating - 2031

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	187.9924					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114			281.6873
Total	188.1231	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114			281.6873

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
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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		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
Worker	0.5640	0.6881	6.4665	0.0344	2.9737	0.0230	2.9967	0.7888	0.0213	0.8101		2,169.3572	2,169.3572	0.0817		2,171.0734
Total	0.5640	0.6881	6.4665	0.0344	2.9737	0.0230	2.9967	0.7888	0.0213	0.8101		2,169.3572	2,169.3572	0.0817		2,171.0734

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	187.9924					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.6873
Total	188.1231	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.6873

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	0.5640	0.6881	6.4665	0.0344	2.9737	0.0230	2.9967	0.7888	0.0213	0.8101		2,169.3572	2,169.3572	0.0817		2,171.0734
Total	0.5640	0.6881	6.4665	0.0344	2.9737	0.0230	2.9967	0.7888	0.0213	0.8101		2,169.3572	2,169.3572	0.0817		2,171.0734

3.7 Architectural Coating - 2032

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	187.9924					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873
Total	188.1231	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873

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	0.5418	0.6687	6.3113	0.0344	2.9737	0.0230	2.9968	0.7888	0.0214	0.8101		2,161.9069	2,161.9069	0.0804		2,163.5953
Total	0.5418	0.6687	6.3113	0.0344	2.9737	0.0230	2.9968	0.7888	0.0214	0.8101		2,161.9069	2,161.9069	0.0804		2,163.5953

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	187.9924					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.6873
Total	188.1231	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.6873

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	0.5418	0.6687	6.3113	0.0344	2.9737	0.0230	2.9968	0.7888	0.0214	0.8101		2,161.9069	2,161.9069	0.0804		2,163.5953
Total	0.5418	0.6687	6.3113	0.0344	2.9737	0.0230	2.9968	0.7888	0.0214	0.8101		2,161.9069	2,161.9069	0.0804		2,163.5953

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	158.4119	471.0622	1,754.9185	3.3795	212.8524	6.5470	219.3994	56.9533	6.0281	62.9814		283,145.552	283,145.552	10.2027		283,359.8119
Unmitigated	158.4119	471.0622	1,754.9185	3.3795	212.8524	6.5470	219.3994	56.9533	6.0281	62.9814		283,145.552	283,145.552	10.2027		283,359.8119

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	784.70	844.88	716.26	2,296,467	2,296,467
Apartments Mid Rise	1,197.00	1,288.80	1,092.60	3,503,085	3,503,085
City Park	61.22	61.22	61.22	130,685	130,685
Elementary School	516.00	0.00	0.00	812,678	812,678
General Light Industry	11,227.88	1,191.38	613.74	24,167,106	24,167,106
General Office Building	1,618.83	214.22	88.58	2,866,663	2,866,663
Regional Shopping Center	11,925.98	13,956.47	7,049.46	20,197,029	20,197,029
Single Family Housing	523.60	554.40	482.35	1,530,276	1,530,276
Single Family Housing	9,520.00	10,080.00	8,770.00	27,823,200	27,823,200
Total	37,375.21	28,191.37	18,874.20	83,327,189	83,327,189

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
Apartments Low Rise	10.80	7.30	7.50	48.40	13.90	37.70	86	11	3
Apartments Mid Rise	10.80	7.30	7.50	48.40	13.90	37.70	86	11	3
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Elementary School	9.50	7.30	7.30	65.00	30.00	5.00	63	25	12
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Regional Shopping Center	9.50	7.30	7.30	16.30	64.70	19.00	54	35	11
Single Family Housing	10.80	7.30	7.50	48.40	13.90	37.70	86	11	3

Single Family Housing	10.80	7.30	7.50	48.40	13.90	37.70	86	11	3
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LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.435645	0.065590	0.158610	0.181188	0.054616	0.007833	0.019470	0.064481	0.001777	0.001153	0.006200	0.000656	0.002782

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.8249	15.9957	9.5759	0.0995		1.2609	1.2609		1.2609	1.2609		19,908.2570	19,908.2570	0.3816	0.3650	20,029.4154
NaturalGas Unmitigated	1.8249	15.9957	9.5759	0.0995		1.2609	1.2609		1.2609	1.2609		19,908.2570	19,908.2570	0.3816	0.3650	20,029.4154

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					
Apartments Low Rise	4766.58	0.0514	0.4393	0.1869	2.8000e-003		0.0355	0.0355		0.0355	0.0355		560.7740	560.7740	0.0108	0.0103	564.1868

Apartments Mid Rise	5722.92	0.0617	0.5274	0.2244	3.3700e-003		0.0426	0.0426		0.0426	0.0426		673.2841	673.2841	0.0129	0.0123	677.3816
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Elementary School	2412.36	0.0260	0.2365	0.1987	1.4200e-003		0.0180	0.0180		0.0180	0.0180		283.8069	283.8069	5.4400e-003	5.2000e-003	285.5341
General Light Industry	53807.6	0.5803	5.2753	4.4312	0.0317		0.4009	0.4009		0.4009	0.4009		6,330.3049	6,330.3049	0.1213	0.1161	6,368.8301
General Office Building	3397.56	0.0366	0.3331	0.2798	2.0000e-003		0.0253	0.0253		0.0253	0.0253		399.7130	399.7130	7.6600e-003	7.3300e-003	402.1456
Regional Shopping Center	8531.95	0.0920	0.8365	0.7026	5.0200e-003		0.0636	0.0636		0.0636	0.0636		1,003.7588	1,003.7588	0.0192	0.0184	1,009.8675
Single Family Housing	4722.24	0.0509	0.4352	0.1852	2.7800e-003		0.0352	0.0352		0.0352	0.0352		555.5582	555.5582	0.0107	0.0102	558.9392
Single Family Housing	85859	0.9259	7.9125	3.3670	0.0505		0.6397	0.6397		0.6397	0.6397		10,101.0572	10,101.0572	0.1936	0.1852	10,162.5306
Total		1.8249	15.9957	9.5759	0.0996		1.2609	1.2609		1.2609	1.2609		19,908.2570	19,908.2570	0.3816	0.3650	20,029.4154

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					
Apartments Low Rise	4.76658	0.0514	0.4393	0.1869	2.8000e-003		0.0355	0.0355		0.0355	0.0355		560.7740	560.7740	0.0108	0.0103	564.1868
Apartments Mid Rise	5.72292	0.0617	0.5274	0.2244	3.3700e-003		0.0426	0.0426		0.0426	0.0426		673.2841	673.2841	0.0129	0.0123	677.3816
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Elementary School	2.41236	0.0260	0.2365	0.1987	1.4200e-003		0.0180	0.0180		0.0180	0.0180		283.8069	283.8069	5.4400e-003	5.2000e-003	285.5341
General Light Industry	53.8076	0.5803	5.2753	4.4312	0.0317		0.4009	0.4009		0.4009	0.4009		6,330.3049	6,330.3049	0.1213	0.1161	6,368.8301
General Office Building	3.39756	0.0366	0.3331	0.2798	2.0000e-003		0.0253	0.0253		0.0253	0.0253		399.7130	399.7130	7.6600e-003	7.3300e-003	402.1456
Regional Shopping Center	8.53195	0.0920	0.8365	0.7026	5.0200e-003		0.0636	0.0636		0.0636	0.0636		1,003.7588	1,003.7588	0.0192	0.0184	1,009.8675
Single Family Housing	4.72224	0.0509	0.4352	0.1852	2.7800e-003		0.0352	0.0352		0.0352	0.0352		555.5582	555.5582	0.0107	0.0102	558.9392

Single Family Housing	85.859	0.9259	7.9125	3.3670	0.0505		0.6397	0.6397		0.6397	0.6397		10,101.0572	10,101.0572	0.1936	0.1852	10,162.5306
Total		1.8249	15.9957	9.5759	0.0996		1.2609	1.2609		1.2609	1.2609		19,908.2570	19,908.2570	0.3816	0.3650	20,029.4154

6.0 Area Detail

6.1 Mitigation Measures Area

	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	139.4213	1.2850	111.5458	5.9100e-003		2.3959	2.3959		2.3772	2.3772	0.0000	28,247.4833	28,247.4833	0.7299	0.5142	28,422.2055
Unmitigated	139.4213	1.2850	111.5458	5.9100e-003		2.3959	2.3959		2.3772	2.3772	0.0000	28,247.4833	28,247.4833	0.7299	0.5142	28,422.2055

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	22.6621					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	110.8466					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	2.5709	1.2000e-004	0.1402	0.0000		1.7763	1.7763		1.7576	1.7576	0.0000	28,046.1177	28,046.1177	0.5376	0.5142	28,216.8016
Landscaping	3.3417	1.2849	111.4055	5.9100e-003		0.6196	0.6196		0.6196	0.6196		201.3657	201.3657	0.1923		205.4039

Total	139.4213	1.2850	111.5458	5.9100e-003		2.3959	2.3959		2.3772	2.3772	0.0000	28,247.4833	28,247.4833	0.7299	0.5142	28,422.2055
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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	22.6621					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	110.8466					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	2.5709	1.2000e-004	0.1402	0.0000		1.7763	1.7763		1.7576	1.7576	0.0000	28,046.1177	28,046.1177	0.5376	0.5142	28,216.8016
Landscaping	3.3417	1.2849	111.4055	5.9100e-003		0.6196	0.6196		0.6196	0.6196		201.3657	201.3657	0.1923		205.4039
Total	139.4213	1.2850	111.5458	5.9100e-003		2.3959	2.3959		2.3772	2.3772	0.0000	28,247.4833	28,247.4833	0.7299	0.5142	28,422.2055

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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