

Markham Street - Riverside-South Coast County, Winter

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

Markham Street

Riverside-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	0.47	1000sqft	0.01	470.00	0
Other Asphalt Surfaces	355.57	1000sqft	8.16	355,567.00	0
Other Non-Asphalt Surfaces	49.38	1000sqft	1.13	49,384.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2022
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	531.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Per contractor.

Off-road Equipment - Per Contractor.

Grading -

Off-road Equipment - Per contractor.

Off-road Equipment - Per contractor

Off-road Equipment - Per contractor.

Vehicle Trips - Per TIA

Fleet Mix - Per TIA

Markham Street - Riverside-South Coast County, Winter

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Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	15.00
tblConstructionPhase	NumDays	230.00	80.00
tblConstructionPhase	NumDays	10.00	5.00
tblConstructionPhase	PhaseEndDate	2/2/2023	1/26/2023
tblConstructionPhase	PhaseEndDate	12/8/2022	5/12/2022
tblConstructionPhase	PhaseEndDate	12/23/2021	12/16/2021
tblFleetMix	HHD	0.02	0.22
tblFleetMix	LDA	0.53	0.32
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LHD1	0.03	0.31
tblFleetMix	LHD2	7.4220e-003	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MH	5.7590e-003	0.00
tblFleetMix	MHD	0.01	0.15
tblFleetMix	OBUS	6.3000e-004	0.00
tblFleetMix	SBUS	1.1020e-003	0.00
tblFleetMix	UBUS	3.2100e-004	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	2.00

Markham Street - Riverside-South Coast County, Winter

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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	7.00	4.00
tblVehicleTrips	ST_TR	1.99	987.20
tblVehicleTrips	SU_TR	5.00	987.20
tblVehicleTrips	WD_TR	4.96	987.20

2.0 Emissions Summary

Markham Street - Riverside-South Coast County, Winter

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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					
2021	1.9555	20.9752	11.6894	0.0244	7.1944	0.9370	8.1313	3.4544	0.8620	4.3164	0.0000	2,366.3307	2,366.3307	0.7370	2.8300e-003	2,385.6007
2022	1.8742	17.5304	18.4999	0.0472	7.1944	0.7612	7.9555	3.4544	0.7003	4.1547	0.0000	4,740.0340	4,740.0340	0.7366	0.2334	4,821.8635
2023	8.1063	5.1146	7.5304	0.0121	0.3800	0.2555	0.4526	0.1008	0.2351	0.2588	0.0000	1,176.7289	1,176.7289	0.3588	8.1600e-003	1,186.2718
Maximum	8.1063	20.9752	18.4999	0.0472	7.1944	0.9370	8.1313	3.4544	0.8620	4.3164	0.0000	4,740.0340	4,740.0340	0.7370	0.2334	4,821.8635

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	1.9555	20.9752	11.6894	0.0244	3.2989	0.9370	4.2359	1.5708	0.8620	2.4328	0.0000	2,366.3307	2,366.3307	0.7370	2.8300e-003	2,385.6007
2022	1.8742	17.5304	18.4999	0.0472	3.2989	0.7612	4.0601	1.5708	0.7003	2.2711	0.0000	4,740.0340	4,740.0340	0.7366	0.2334	4,821.8635
2023	8.1063	5.1146	7.5304	0.0121	0.3800	0.2555	0.4526	0.1008	0.2351	0.2588	0.0000	1,176.7289	1,176.7289	0.3588	8.1600e-003	1,186.2718
Maximum	8.1063	20.9752	18.4999	0.0472	3.2989	0.9370	4.2359	1.5708	0.8620	2.4328	0.0000	4,740.0340	4,740.0340	0.7370	0.2334	4,821.8635

Markham Street - Riverside-South Coast County, Winter

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

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	0.1886	3.8000e-004	0.0415	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		0.0887	0.0887	2.3000e-004		0.0946
Energy	4.5000e-004	4.0800e-003	3.4300e-003	2.0000e-005		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004		4.8977	4.8977	9.0000e-005	9.0000e-005	4.9268
Mobile	0.8650	18.2269	9.2695	0.0880	4.7734	0.2234	4.9967	1.3285	0.2134	1.5419		9,219.798 3	9,219.798 3	0.1103	1.0663	9,540.308 7
Total	1.0541	18.2314	9.3144	0.0881	4.7734	0.2238	4.9972	1.3285	0.2139	1.5423		9,224.784 8	9,224.784 8	0.1106	1.0664	9,545.330 0

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.1886	3.8000e-004	0.0415	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		0.0887	0.0887	2.3000e-004		0.0946
Energy	4.5000e-004	4.0800e-003	3.4300e-003	2.0000e-005		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004		4.8977	4.8977	9.0000e-005	9.0000e-005	4.9268
Mobile	0.8650	18.2269	9.2695	0.0880	4.7734	0.2234	4.9967	1.3285	0.2134	1.5419		9,219.798 3	9,219.798 3	0.1103	1.0663	9,540.308 7
Total	1.0541	18.2314	9.3144	0.0881	4.7734	0.2238	4.9972	1.3285	0.2139	1.5423		9,224.784 8	9,224.784 8	0.1106	1.0664	9,545.330 0

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	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	Site Preparation	Site Preparation	12/10/2021	12/16/2021	5	5	
2	Grading	Grading	12/24/2021	1/20/2022	5	20	
3	Building Construction	Building Construction	1/21/2022	5/12/2022	5	80	
4	Paving	Paving	12/9/2022	1/5/2023	5	20	
5	Architectural Coating	Architectural Coating	1/6/2023	1/26/2023	5	15	

Acres of Grading (Site Preparation Phase): 2.5

Acres of Grading (Grading Phase): 20

Acres of Paving: 9.29

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 705; Non-Residential Outdoor: 235; Striped Parking Area: 24,297 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Building Construction	Cranes	1	4.00	231	0.29
Grading	Excavators	1	8.00	158	0.38
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Graders	1	8.00	187	0.41

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Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	8.00	80	0.38
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Welders	0	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
Site Preparation	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	170.00	66.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	34.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Markham Street - Riverside-South Coast County, Winter

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

3.2 Site Preparation - 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					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.4209	14.7629	8.5583	0.0147		0.7560	0.7560		0.6955	0.6955		1,429.1523	1,429.1523	0.4622		1,440.7078
Total	1.4209	14.7629	8.5583	0.0147	6.5523	0.7560	7.3083	3.3675	0.6955	4.0630		1,429.1523	1,429.1523	0.4622		1,440.7078

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	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	0.0318	0.0241	0.2819	7.6000e-004	0.0894	4.8000e-004	0.0899	0.0237	4.4000e-004	0.0242		76.9619	76.9619	2.2600e-003	2.2700e-003	77.6938
Total	0.0318	0.0241	0.2819	7.6000e-004	0.0894	4.8000e-004	0.0899	0.0237	4.4000e-004	0.0242		76.9619	76.9619	2.2600e-003	2.2700e-003	77.6938

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3.2 Site Preparation - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9486	0.0000	2.9486	1.5154	0.0000	1.5154			0.0000			0.0000
Off-Road	1.4209	14.7629	8.5583	0.0147		0.7560	0.7560		0.6955	0.6955	0.0000	1,429.152 3	1,429.152 3	0.4622		1,440.707 8
Total	1.4209	14.7629	8.5583	0.0147	2.9486	0.7560	3.7046	1.5154	0.6955	2.2109	0.0000	1,429.152 3	1,429.152 3	0.4622		1,440.707 8

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	0.0318	0.0241	0.2819	7.6000e-004	0.0894	4.8000e-004	0.0899	0.0237	4.4000e-004	0.0242		76.9619	76.9619	2.2600e-003	2.2700e-003	77.6938
Total	0.0318	0.0241	0.2819	7.6000e-004	0.0894	4.8000e-004	0.0899	0.0237	4.4000e-004	0.0242		76.9619	76.9619	2.2600e-003	2.2700e-003	77.6938

Markham Street - Riverside-South Coast County, Winter

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

3.3 Grading - 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					
Fugitive Dust					7.0826	0.0000	7.0826	3.4247	0.0000	3.4247			0.0000			0.0000
Off-Road	1.9158	20.9451	11.3370	0.0234		0.9364	0.9364		0.8615	0.8615		2,270.1284	2,270.1284	0.7342		2,288.4835
Total	1.9158	20.9451	11.3370	0.0234	7.0826	0.9364	8.0190	3.4247	0.8615	4.2862		2,270.1284	2,270.1284	0.7342		2,288.4835

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	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	0.0397	0.0301	0.3524	9.5000e-004	0.1118	5.9000e-004	0.1124	0.0296	5.5000e-004	0.0302		96.2024	96.2024	2.8300e-003	2.8300e-003	97.1172
Total	0.0397	0.0301	0.3524	9.5000e-004	0.1118	5.9000e-004	0.1124	0.0296	5.5000e-004	0.0302		96.2024	96.2024	2.8300e-003	2.8300e-003	97.1172

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3.3 Grading - 2021

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					3.1872	0.0000	3.1872	1.5411	0.0000	1.5411			0.0000			0.0000
Off-Road	1.9158	20.9451	11.3370	0.0234		0.9364	0.9364		0.8615	0.8615	0.0000	2,270.128 4	2,270.128 4	0.7342		2,288.483 5
Total	1.9158	20.9451	11.3370	0.0234	3.1872	0.9364	4.1235	1.5411	0.8615	2.4026	0.0000	2,270.128 4	2,270.128 4	0.7342		2,288.483 5

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	0.0397	0.0301	0.3524	9.5000e-004	0.1118	5.9000e-004	0.1124	0.0296	5.5000e-004	0.0302		96.2024	96.2024	2.8300e-003	2.8300e-003	97.1172
Total	0.0397	0.0301	0.3524	9.5000e-004	0.1118	5.9000e-004	0.1124	0.0296	5.5000e-004	0.0302		96.2024	96.2024	2.8300e-003	2.8300e-003	97.1172

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3.3 Grading - 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					
Fugitive Dust					7.0826	0.0000	7.0826	3.4247	0.0000	3.4247			0.0000			0.0000
Off-Road	1.6192	17.5039	10.7968	0.0234		0.7606	0.7606		0.6998	0.6998		2,269.5685	2,269.5685	0.7340		2,287.9191
Total	1.6192	17.5039	10.7968	0.0234	7.0826	0.7606	7.8432	3.4247	0.6998	4.1245		2,269.5685	2,269.5685	0.7340		2,287.9191

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	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	0.0368	0.0265	0.3231	9.2000e-004	0.1118	5.6000e-004	0.1123	0.0296	5.1000e-004	0.0302		93.6174	93.6174	2.5400e-003	2.6000e-003	94.4564
Total	0.0368	0.0265	0.3231	9.2000e-004	0.1118	5.6000e-004	0.1123	0.0296	5.1000e-004	0.0302		93.6174	93.6174	2.5400e-003	2.6000e-003	94.4564

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3.3 Grading - 2022

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					3.1872	0.0000	3.1872	1.5411	0.0000	1.5411			0.0000			0.0000
Off-Road	1.6192	17.5039	10.7968	0.0234		0.7606	0.7606		0.6998	0.6998	0.0000	2,269.5685	2,269.5685	0.7340		2,287.9191
Total	1.6192	17.5039	10.7968	0.0234	3.1872	0.7606	3.9478	1.5411	0.6998	2.2409	0.0000	2,269.5685	2,269.5685	0.7340		2,287.9191

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	0.0368	0.0265	0.3231	9.2000e-004	0.1118	5.6000e-004	0.1123	0.0296	5.1000e-004	0.0302		93.6174	93.6174	2.5400e-003	2.6000e-003	94.4564
Total	0.0368	0.0265	0.3231	9.2000e-004	0.1118	5.6000e-004	0.1123	0.0296	5.1000e-004	0.0302		93.6174	93.6174	2.5400e-003	2.6000e-003	94.4564

Markham Street - Riverside-South Coast County, Winter

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

3.4 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	1.1455	11.1175	11.9998	0.0195		0.6011	0.6011		0.5648	0.5648		1,873.7104	1,873.7104	0.4341		1,884.5628
Total	1.1455	11.1175	11.9998	0.0195		0.6011	0.6011		0.5648	0.5648		1,873.7104	1,873.7104	0.4341		1,884.5628

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	0.0000
Vendor	0.1028	2.9402	1.0077	0.0120	0.4227	0.0403	0.4631	0.1217	0.0386	0.1603		1,274.8281	1,274.8281	0.0133	0.1892	1,331.5414
Worker	0.6258	0.4507	5.4925	0.0156	1.9002	9.4700e-003	1.9097	0.5039	8.7200e-003	0.5127		1,591.4955	1,591.4955	0.0432	0.0442	1,605.7594
Total	0.7286	3.3909	6.5001	0.0277	2.3229	0.0498	2.3728	0.6257	0.0473	0.6730		2,866.3236	2,866.3236	0.0565	0.2334	2,937.3007

Markham Street - Riverside-South Coast County, Winter

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

3.4 Building Construction - 2022

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	1.1455	11.1175	11.9998	0.0195		0.6011	0.6011		0.5648	0.5648	0.0000	1,873.710 4	1,873.710 4	0.4341		1,884.562 8
Total	1.1455	11.1175	11.9998	0.0195		0.6011	0.6011		0.5648	0.5648	0.0000	1,873.710 4	1,873.710 4	0.4341		1,884.562 8

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	0.1028	2.9402	1.0077	0.0120	0.4227	0.0403	0.4631	0.1217	0.0386	0.1603		1,274.828 1	1,274.828 1	0.0133	0.1892	1,331.541 4
Worker	0.6258	0.4507	5.4925	0.0156	1.9002	9.4700e-003	1.9097	0.5039	8.7200e-003	0.5127		1,591.495 5	1,591.495 5	0.0432	0.0442	1,605.759 4
Total	0.7286	3.3909	6.5001	0.0277	2.3229	0.0498	2.3728	0.6257	0.0473	0.6730		2,866.323 6	2,866.323 6	0.0565	0.2334	2,937.300 7

Markham Street - Riverside-South Coast County, Winter

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

3.5 Paving - 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	0.5514	5.5624	7.2902	0.0114		0.2840	0.2840		0.2612	0.2612		1,103.830 2	1,103.830 2	0.3570		1,112.755 2
Paving	1.0690					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.6204	5.5624	7.2902	0.0114		0.2840	0.2840		0.2612	0.2612		1,103.830 2	1,103.830 2	0.3570		1,112.755 2

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	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	0.0295	0.0212	0.2585	7.4000e-004	0.0894	4.5000e-004	0.0899	0.0237	4.1000e-004	0.0241		74.8939	74.8939	2.0300e-003	2.0800e-003	75.5652
Total	0.0295	0.0212	0.2585	7.4000e-004	0.0894	4.5000e-004	0.0899	0.0237	4.1000e-004	0.0241		74.8939	74.8939	2.0300e-003	2.0800e-003	75.5652

Markham Street - Riverside-South Coast County, Winter

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

3.5 Paving - 2022

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	0.5514	5.5624	7.2902	0.0114		0.2840	0.2840		0.2612	0.2612	0.0000	1,103.830 2	1,103.830 2	0.3570		1,112.755 2
Paving	1.0690					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.6204	5.5624	7.2902	0.0114		0.2840	0.2840		0.2612	0.2612	0.0000	1,103.830 2	1,103.830 2	0.3570		1,112.755 2

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	0.0295	0.0212	0.2585	7.4000e-004	0.0894	4.5000e-004	0.0899	0.0237	4.1000e-004	0.0241		74.8939	74.8939	2.0300e-003	2.0800e-003	75.5652
Total	0.0295	0.0212	0.2585	7.4000e-004	0.0894	4.5000e-004	0.0899	0.0237	4.1000e-004	0.0241		74.8939	74.8939	2.0300e-003	2.0800e-003	75.5652

Markham Street - Riverside-South Coast County, Winter

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

3.5 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5164	5.0958	7.2921	0.0114		0.2551	0.2551		0.2347	0.2347		1,103.7921	1,103.7921	0.3570		1,112.7168
Paving	1.0690					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.5853	5.0958	7.2921	0.0114		0.2551	0.2551		0.2347	0.2347		1,103.7921	1,103.7921	0.3570		1,112.7168

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	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	0.0274	0.0187	0.2383	7.1000e-004	0.0894	4.2000e-004	0.0898	0.0237	3.9000e-004	0.0241		72.9368	72.9368	1.8300e-003	1.9200e-003	73.5550
Total	0.0274	0.0187	0.2383	7.1000e-004	0.0894	4.2000e-004	0.0898	0.0237	3.9000e-004	0.0241		72.9368	72.9368	1.8300e-003	1.9200e-003	73.5550

Markham Street - Riverside-South Coast County, Winter

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

3.5 Paving - 2023

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	0.5164	5.0958	7.2921	0.0114		0.2551	0.2551		0.2347	0.2347	0.0000	1,103.792 1	1,103.792 1	0.3570		1,112.716 8
Paving	1.0690					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.5853	5.0958	7.2921	0.0114		0.2551	0.2551		0.2347	0.2347	0.0000	1,103.792 1	1,103.792 1	0.3570		1,112.716 8

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	0.0274	0.0187	0.2383	7.1000e-004	0.0894	4.2000e-004	0.0898	0.0237	3.9000e-004	0.0241		72.9368	72.9368	1.8300e-003	1.9200e-003	73.5550
Total	0.0274	0.0187	0.2383	7.1000e-004	0.0894	4.2000e-004	0.0898	0.0237	3.9000e-004	0.0241		72.9368	72.9368	1.8300e-003	1.9200e-003	73.5550

Markham Street - Riverside-South Coast County, Winter

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

3.6 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	7.7982					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	7.9899	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

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	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	0.1164	0.0796	1.0128	3.0300e-003	0.3800	1.7800e-003	0.3818	0.1008	1.6400e-003	0.1024		309.9815	309.9815	7.7900e-003	8.1600e-003	312.6088
Total	0.1164	0.0796	1.0128	3.0300e-003	0.3800	1.7800e-003	0.3818	0.1008	1.6400e-003	0.1024		309.9815	309.9815	7.7900e-003	8.1600e-003	312.6088

Markham Street - Riverside-South Coast County, Winter

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

3.6 Architectural Coating - 2023

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	7.7982					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	7.9899	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690

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	0.1164	0.0796	1.0128	3.0300e-003	0.3800	1.7800e-003	0.3818	0.1008	1.6400e-003	0.1024		309.9815	309.9815	7.7900e-003	8.1600e-003	312.6088
Total	0.1164	0.0796	1.0128	3.0300e-003	0.3800	1.7800e-003	0.3818	0.1008	1.6400e-003	0.1024		309.9815	309.9815	7.7900e-003	8.1600e-003	312.6088

Markham Street - Riverside-South Coast County, Winter

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

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	0.8650	18.2269	9.2695	0.0880	4.7734	0.2234	4.9967	1.3285	0.2134	1.5419		9,219.798 3	9,219.798 3	0.1103	1.0663	9,540.308 7
Unmitigated	0.8650	18.2269	9.2695	0.0880	4.7734	0.2234	4.9967	1.3285	0.2134	1.5419		9,219.798 3	9,219.798 3	0.1103	1.0663	9,540.308 7

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	463.98	463.98	463.98	2,054,650	2,054,650
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Total	463.98	463.98	463.98	2,054,650	2,054,650

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
General Light Industry	16.60	8.40	6.90	59.00	28.00	13.00	92	5	3
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

Markham Street - Riverside-South Coast County, Winter

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

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.320000	0.000000	0.000000	0.000000	0.310000	0.000000	0.150000	0.220000	0.000000	0.000000	0.000000	0.000000	0.000000
Other Asphalt Surfaces	0.531022	0.055789	0.171983	0.143721	0.027315	0.007422	0.011813	0.018850	0.000630	0.000321	0.024273	0.001102	0.005759
Other Non-Asphalt Surfaces	0.531022	0.055789	0.171983	0.143721	0.027315	0.007422	0.011813	0.018850	0.000630	0.000321	0.024273	0.001102	0.005759

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	4.5000e-004	4.0800e-003	3.4300e-003	2.0000e-005		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004		4.8977	4.8977	9.0000e-005	9.0000e-005	4.9268
NaturalGas Unmitigated	4.5000e-004	4.0800e-003	3.4300e-003	2.0000e-005		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004		4.8977	4.8977	9.0000e-005	9.0000e-005	4.9268

Markham Street - Riverside-South Coast County, Winter

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

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	lb/day										lb/day					
General Light Industry	41.6304	4.5000e-004	4.0800e-003	3.4300e-003	2.0000e-005		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004		4.8977	4.8977	9.0000e-005	9.0000e-005	4.9268
Other Asphalt Surfaces	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
Other Non-Asphalt Surfaces	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
Total		4.5000e-004	4.0800e-003	3.4300e-003	2.0000e-005		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004		4.8977	4.8977	9.0000e-005	9.0000e-005	4.9268

Markham Street - Riverside-South Coast County, Winter

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

5.2 Energy by Land Use - Natural Gas

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	lb/day										lb/day					
General Light Industry	0.0416304	4.5000e-004	4.0800e-003	3.4300e-003	2.0000e-005		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004		4.8977	4.8977	9.0000e-005	9.0000e-005	4.9268
Other Asphalt Surfaces	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
Other Non-Asphalt Surfaces	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
Total		4.5000e-004	4.0800e-003	3.4300e-003	2.0000e-005		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004		4.8977	4.8977	9.0000e-005	9.0000e-005	4.9268

6.0 Area Detail

6.1 Mitigation Measures Area

Markham Street - Riverside-South Coast County, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.1886	3.8000e-004	0.0415	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		0.0887	0.0887	2.3000e-004		0.0946
Unmitigated	0.1886	3.8000e-004	0.0415	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		0.0887	0.0887	2.3000e-004		0.0946

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0321					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1527					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.8600e-003	3.8000e-004	0.0415	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		0.0887	0.0887	2.3000e-004		0.0946
Total	0.1887	3.8000e-004	0.0415	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		0.0887	0.0887	2.3000e-004		0.0946

Markham Street - Riverside-South Coast County, Winter

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

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0321					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1527					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.8600e-003	3.8000e-004	0.0415	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		0.0887	0.0887	2.3000e-004		0.0946
Total	0.1887	3.8000e-004	0.0415	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		0.0887	0.0887	2.3000e-004		0.0946

7.0 Water Detail

7.1 Mitigation Measures Water

Markham Street - Riverside-South Coast County, Winter

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

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 Stationary Equipment

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation
