

Strathmore and Garvey Mixed Use - South Coast Air Basin, Annual

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

**Strathmore and Garvey Mixed Use
South Coast Air Basin, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Mid Rise	93.00	Dwelling Unit	1.21	93,000.00	266
Office Park	12.80	1000sqft	0.00	12,800.00	0
Strip Mall	6.04	1000sqft	0.00	6,040.00	0
Enclosed Parking with Elevator	208.00	Space	0.00	83,200.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	9			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -
 Land Use - total lot size is 1.21 acres. parking, office and retail use on lower levels
 Construction Phase - Demo: 20 days, Grading: 4 days, Construction: 200 days, Paving: 20 days
 Demolition - 10,000 sf structure to be demolished
 Construction Off-road Equipment Mitigation -
 Area Mitigation -
 Vehicle Trips - apt 4.54, office 10.30, retail 52.65 per traffic analysis
 Grading - 1.21 acres

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Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	10.00	20.00
tblConstructionPhase	PhaseStartDate	11/28/2023	11/14/2023
tblGrading	AcresOfGrading	4.00	1.21
tblLandUse	LotAcreage	2.45	1.21
tblLandUse	LotAcreage	0.29	0.00
tblLandUse	LotAcreage	0.14	0.00
tblLandUse	LotAcreage	1.87	0.00
tblVehicleTrips	ST_TR	4.91	4.54
tblVehicleTrips	ST_TR	1.64	10.30
tblVehicleTrips	ST_TR	42.04	52.65
tblVehicleTrips	SU_TR	4.09	4.54
tblVehicleTrips	SU_TR	0.76	10.30
tblVehicleTrips	SU_TR	20.43	52.65
tblVehicleTrips	WD_TR	5.44	4.54
tblVehicleTrips	WD_TR	11.07	10.30
tblVehicleTrips	WD_TR	44.32	52.65

2.0 Emissions Summary

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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2023	3-31-2023	0.4721	0.4721
2	4-1-2023	6-30-2023	0.4817	0.4817
3	7-1-2023	9-30-2023	0.4870	0.4870
		Highest	0.4870	0.4870

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.7822	0.0352	1.5528	1.5600e-003		0.0941	0.0941		0.0941	0.0941	9.8784	20.5551	30.4335	0.0310	6.7000e-004	31.4077
Energy	7.2700e-003	0.0626	0.0293	4.0000e-004		5.0300e-003	5.0300e-003		5.0300e-003	5.0300e-003	0.0000	260.4837	260.4837	0.0173	3.2500e-003	261.8839
Mobile	0.4072	0.4694	4.0359	8.8000e-003	0.9385	6.4800e-003	0.9450	0.2505	6.0200e-003	0.2565	0.0000	827.7954	827.7954	0.0552	0.0370	840.2085
Waste						0.0000	0.0000		0.0000	0.0000	12.3865	0.0000	12.3865	0.7320	0.0000	30.6871
Water						0.0000	0.0000		0.0000	0.0000	2.7860	31.0931	33.8791	0.2888	7.0700e-003	43.2068
Total	1.1967	0.5671	5.6180	0.0108	0.9385	0.1056	1.0442	0.2505	0.1052	0.3556	25.0509	1,139.9272	1,164.9781	1.1243	0.0480	1,207.3939

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2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.4776	0.0111	0.9616	5.0000e-005		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	1.5723	1.5723	1.5200e-003	0.0000	1.6102
Energy	7.2700e-003	0.0626	0.0293	4.0000e-004		5.0300e-003	5.0300e-003		5.0300e-003	5.0300e-003	0.0000	260.4837	260.4837	0.0173	3.2500e-003	261.8839
Mobile	0.4072	0.4694	4.0359	8.8000e-003	0.9385	6.4800e-003	0.9450	0.2505	6.0200e-003	0.2565	0.0000	827.7954	827.7954	0.0552	0.0370	840.2085
Waste						0.0000	0.0000		0.0000	0.0000	12.3865	0.0000	12.3865	0.7320	0.0000	30.6871
Water						0.0000	0.0000		0.0000	0.0000	2.7860	31.0931	33.8791	0.2888	7.0700e-003	43.2068
Total	0.8921	0.5430	5.0268	9.2500e-003	0.9385	0.0168	0.9554	0.2505	0.0164	0.2668	15.1725	1,120.9444	1,136.1169	1.0948	0.0473	1,177.5964

	ROG	NOx	CO	SO2	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	25.46	4.25	10.52	14.03	0.00	84.07	8.51	0.00	84.44	24.97	39.43	1.67	2.48	2.62	1.40	2.47

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	1/1/2023	1/27/2023	5	20	
2	Grading	Grading	2/1/2023	2/6/2023	5	4	
3	Building Construction	Building Construction	2/7/2023	11/13/2023	5	200	

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4	Paving	Paving	11/14/2023	11/27/2023	5	10
5	Architectural Coating	Architectural Coating	11/14/2023	12/11/2023	5	20

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1.21

Acres of Paving: 0

Residential Indoor: 188,325; Residential Outdoor: 62,775; Non-Residential Indoor: 28,260; Non-Residential Outdoor: 9,420; Striped Parking Area: 4,992 (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
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	6.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Graders	1	8.00	187	0.41
Paving	Pavers	1	6.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45

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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	5	13.00	0.00	45.00	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	108.00	27.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	22.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					4.9200e-003	0.0000	4.9200e-003	7.5000e-004	0.0000	7.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0147	0.1432	0.1346	2.4000e-004		6.7700e-003	6.7700e-003		6.3300e-003	6.3300e-003	0.0000	21.0866	21.0866	5.3500e-003	0.0000	21.2202
Total	0.0147	0.1432	0.1346	2.4000e-004	4.9200e-003	6.7700e-003	0.0117	7.5000e-004	6.3300e-003	7.0800e-003	0.0000	21.0866	21.0866	5.3500e-003	0.0000	21.2202

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3.2 Demolition - 2023

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	5.0000e-005	2.9200e-003	7.8000e-004	1.0000e-005	3.9000e-004	2.0000e-005	4.1000e-004	1.1000e-004	2.0000e-005	1.2000e-004	0.0000	1.2955	1.2955	8.0000e-005	2.1000e-004	1.3589
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-004	3.1000e-004	4.2500e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.1301	1.1301	3.0000e-005	3.0000e-005	1.1394
Total	4.5000e-004	3.2300e-003	5.0300e-003	2.0000e-005	1.8200e-003	3.0000e-005	1.8400e-003	4.9000e-004	3.0000e-005	5.1000e-004	0.0000	2.4256	2.4256	1.1000e-004	2.4000e-004	2.4983

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					1.9200e-003	0.0000	1.9200e-003	2.9000e-004	0.0000	2.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0147	0.1432	0.1346	2.4000e-004		6.7700e-003	6.7700e-003		6.3300e-003	6.3300e-003	0.0000	21.0865	21.0865	5.3500e-003	0.0000	21.2202
Total	0.0147	0.1432	0.1346	2.4000e-004	1.9200e-003	6.7700e-003	8.6900e-003	2.9000e-004	6.3300e-003	6.6200e-003	0.0000	21.0865	21.0865	5.3500e-003	0.0000	21.2202

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3.2 Demolition - 2023

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	5.0000e-005	2.9200e-003	7.8000e-004	1.0000e-005	3.9000e-004	2.0000e-005	4.1000e-004	1.1000e-004	2.0000e-005	1.2000e-004	0.0000	1.2955	1.2955	8.0000e-005	2.1000e-004	1.3589
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-004	3.1000e-004	4.2500e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.1301	1.1301	3.0000e-005	3.0000e-005	1.1394
Total	4.5000e-004	3.2300e-003	5.0300e-003	2.0000e-005	1.8200e-003	3.0000e-005	1.8400e-003	4.9000e-004	3.0000e-005	5.1000e-004	0.0000	2.4256	2.4256	1.1000e-004	2.4000e-004	2.4983

3.3 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0127	0.0000	0.0127	6.6900e-003	0.0000	6.6900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.6700e-003	0.0289	0.0174	4.0000e-005		1.2100e-003	1.2100e-003		1.1100e-003	1.1100e-003	0.0000	3.6208	3.6208	1.1700e-003	0.0000	3.6501
Total	2.6700e-003	0.0289	0.0174	4.0000e-005	0.0127	1.2100e-003	0.0139	6.6900e-003	1.1100e-003	7.8000e-003	0.0000	3.6208	3.6208	1.1700e-003	0.0000	3.6501

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3.3 Grading - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-005	5.0000e-005	6.5000e-004	0.0000	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1739	0.1739	0.0000	0.0000	0.1753
Total	6.0000e-005	5.0000e-005	6.5000e-004	0.0000	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1739	0.1739	0.0000	0.0000	0.1753

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					4.9500e-003	0.0000	4.9500e-003	2.6100e-003	0.0000	2.6100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.6700e-003	0.0289	0.0174	4.0000e-005		1.2100e-003	1.2100e-003		1.1100e-003	1.1100e-003	0.0000	3.6208	3.6208	1.1700e-003	0.0000	3.6501
Total	2.6700e-003	0.0289	0.0174	4.0000e-005	4.9500e-003	1.2100e-003	6.1600e-003	2.6100e-003	1.1100e-003	3.7200e-003	0.0000	3.6208	3.6208	1.1700e-003	0.0000	3.6501

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3.3 Grading - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-005	5.0000e-005	6.5000e-004	0.0000	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1739	0.1739	0.0000	0.0000	0.1753
Total	6.0000e-005	5.0000e-005	6.5000e-004	0.0000	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1739	0.1739	0.0000	0.0000	0.1753

3.4 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1523	1.1710	1.2611	2.2100e-003		0.0515	0.0515		0.0497	0.0497	0.0000	181.5991	181.5991	0.0308	0.0000	182.3701
Total	0.1523	1.1710	1.2611	2.2100e-003		0.0515	0.0515		0.0497	0.0497	0.0000	181.5991	181.5991	0.0308	0.0000	182.3701

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3.4 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.8400e-003	0.1037	0.0385	4.9000e-004	0.0170	5.5000e-004	0.0176	4.9100e-003	5.2000e-004	5.4400e-003	0.0000	48.1840	48.1840	1.7800e-003	6.9900e-003	50.3128
Worker	0.0336	0.0259	0.3530	1.0100e-003	0.1185	6.8000e-004	0.1192	0.0315	6.3000e-004	0.0321	0.0000	93.8835	93.8835	2.3900e-003	2.3800e-003	94.6536
Total	0.0364	0.1295	0.3914	1.5000e-003	0.1355	1.2300e-003	0.1367	0.0364	1.1500e-003	0.0375	0.0000	142.0675	142.0675	4.1700e-003	9.3700e-003	144.9664

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	0.1523	1.1710	1.2611	2.2100e-003		0.0515	0.0515		0.0497	0.0497	0.0000	181.5989	181.5989	0.0308	0.0000	182.3698
Total	0.1523	1.1710	1.2611	2.2100e-003		0.0515	0.0515		0.0497	0.0497	0.0000	181.5989	181.5989	0.0308	0.0000	182.3698

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3.4 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.8400e-003	0.1037	0.0385	4.9000e-004	0.0170	5.5000e-004	0.0176	4.9100e-003	5.2000e-004	5.4400e-003	0.0000	48.1840	48.1840	1.7800e-003	6.9900e-003	50.3128
Worker	0.0336	0.0259	0.3530	1.0100e-003	0.1185	6.8000e-004	0.1192	0.0315	6.3000e-004	0.0321	0.0000	93.8835	93.8835	2.3900e-003	2.3800e-003	94.6536
Total	0.0364	0.1295	0.3914	1.5000e-003	0.1355	1.2300e-003	0.1367	0.0364	1.1500e-003	0.0375	0.0000	142.0675	142.0675	4.1700e-003	9.3700e-003	144.9664

3.5 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.2200e-003	0.0312	0.0440	7.0000e-005		1.5400e-003	1.5400e-003		1.4200e-003	1.4200e-003	0.0000	5.8862	5.8862	1.8700e-003	0.0000	5.9329
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.2200e-003	0.0312	0.0440	7.0000e-005		1.5400e-003	1.5400e-003		1.4200e-003	1.4200e-003	0.0000	5.8862	5.8862	1.8700e-003	0.0000	5.9329

Strathmore and Garvey Mixed Use - South Coast Air Basin, Annual

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

3.5 Paving - 2023

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	2.0000e-004	1.6000e-004	2.1200e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5650	0.5650	1.0000e-005	1.0000e-005	0.5697
Total	2.0000e-004	1.6000e-004	2.1200e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5650	0.5650	1.0000e-005	1.0000e-005	0.5697

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	3.2200e-003	0.0312	0.0440	7.0000e-005		1.5400e-003	1.5400e-003		1.4200e-003	1.4200e-003	0.0000	5.8862	5.8862	1.8700e-003	0.0000	5.9329
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.2200e-003	0.0312	0.0440	7.0000e-005		1.5400e-003	1.5400e-003		1.4200e-003	1.4200e-003	0.0000	5.8862	5.8862	1.8700e-003	0.0000	5.9329

Strathmore and Garvey Mixed Use - South Coast Air Basin, Annual

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

3.5 Paving - 2023

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	2.0000e-004	1.6000e-004	2.1200e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5650	0.5650	1.0000e-005	1.0000e-005	0.5697
Total	2.0000e-004	1.6000e-004	2.1200e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5650	0.5650	1.0000e-005	1.0000e-005	0.5697

3.6 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3899					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9200e-003	0.0130	0.0181	3.0000e-005		7.1000e-004	7.1000e-004		7.1000e-004	7.1000e-004	0.0000	2.5533	2.5533	1.5000e-004	0.0000	2.5571
Total	0.3918	0.0130	0.0181	3.0000e-005		7.1000e-004	7.1000e-004		7.1000e-004	7.1000e-004	0.0000	2.5533	2.5533	1.5000e-004	0.0000	2.5571

Strathmore and Garvey Mixed Use - South Coast Air Basin, Annual

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 Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.8000e-004	5.3000e-004	7.1900e-003	2.0000e-005	2.4100e-003	1.0000e-005	2.4300e-003	6.4000e-004	1.0000e-005	6.5000e-004	0.0000	1.9124	1.9124	5.0000e-005	5.0000e-005	1.9281
Total	6.8000e-004	5.3000e-004	7.1900e-003	2.0000e-005	2.4100e-003	1.0000e-005	2.4300e-003	6.4000e-004	1.0000e-005	6.5000e-004	0.0000	1.9124	1.9124	5.0000e-005	5.0000e-005	1.9281

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3899					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9200e-003	0.0130	0.0181	3.0000e-005		7.1000e-004	7.1000e-004		7.1000e-004	7.1000e-004	0.0000	2.5533	2.5533	1.5000e-004	0.0000	2.5571
Total	0.3918	0.0130	0.0181	3.0000e-005		7.1000e-004	7.1000e-004		7.1000e-004	7.1000e-004	0.0000	2.5533	2.5533	1.5000e-004	0.0000	2.5571

Strathmore and Garvey Mixed Use - South Coast Air Basin, Annual

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 Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.8000e-004	5.3000e-004	7.1900e-003	2.0000e-005	2.4100e-003	1.0000e-005	2.4300e-003	6.4000e-004	1.0000e-005	6.5000e-004	0.0000	1.9124	1.9124	5.0000e-005	5.0000e-005	1.9281
Total	6.8000e-004	5.3000e-004	7.1900e-003	2.0000e-005	2.4100e-003	1.0000e-005	2.4300e-003	6.4000e-004	1.0000e-005	6.5000e-004	0.0000	1.9124	1.9124	5.0000e-005	5.0000e-005	1.9281

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Strathmore and Garvey Mixed Use - South Coast Air Basin, Annual

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.4072	0.4694	4.0359	8.8000e-003	0.9385	6.4800e-003	0.9450	0.2505	6.0200e-003	0.2565	0.0000	827.7954	827.7954	0.0552	0.0370	840.2085
Unmitigated	0.4072	0.4694	4.0359	8.8000e-003	0.9385	6.4800e-003	0.9450	0.2505	6.0200e-003	0.2565	0.0000	827.7954	827.7954	0.0552	0.0370	840.2085

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	422.22	422.22	422.22	1,442,790	1,442,790
Enclosed Parking with Elevator	0.00	0.00	0.00		
Office Park	131.84	131.84	131.84	445,441	445,441
Strip Mall	318.01	318.01	318.01	605,037	605,037
Total	872.07	872.07	872.07	2,493,268	2,493,268

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 Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Office Park	16.60	8.40	6.90	33.00	48.00	19.00	82	15	3
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Strathmore and Garvey Mixed Use - South Coast Air Basin, Annual

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

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.543401	0.061496	0.184986	0.128935	0.023820	0.006437	0.011961	0.008652	0.000812	0.000508	0.024540	0.000745	0.003706
Enclosed Parking with Elevator	0.543401	0.061496	0.184986	0.128935	0.023820	0.006437	0.011961	0.008652	0.000812	0.000508	0.024540	0.000745	0.003706
Office Park	0.543401	0.061496	0.184986	0.128935	0.023820	0.006437	0.011961	0.008652	0.000812	0.000508	0.024540	0.000745	0.003706
Strip Mall	0.543401	0.061496	0.184986	0.128935	0.023820	0.006437	0.011961	0.008652	0.000812	0.000508	0.024540	0.000745	0.003706

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	188.4921	188.4921	0.0159	1.9300e-003	189.4645
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	188.4921	188.4921	0.0159	1.9300e-003	189.4645
NaturalGas Mitigated	7.2700e-003	0.0626	0.0293	4.0000e-004		5.0300e-003	5.0300e-003		5.0300e-003	5.0300e-003	0.0000	71.9915	71.9915	1.3800e-003	1.3200e-003	72.4193
NaturalGas Unmitigated	7.2700e-003	0.0626	0.0293	4.0000e-004		5.0300e-003	5.0300e-003		5.0300e-003	5.0300e-003	0.0000	71.9915	71.9915	1.3800e-003	1.3200e-003	72.4193

Strathmore and Garvey Mixed Use - South Coast Air Basin, Annual

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	1.21519e+006	6.5500e-003	0.0560	0.0238	3.6000e-004		4.5300e-003	4.5300e-003		4.5300e-003	4.5300e-003	0.0000	64.8473	64.8473	1.2400e-003	1.1900e-003	65.2327
Enclosed Parking with Elevator	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
Office Park	124032	6.7000e-004	6.0800e-003	5.1100e-003	4.0000e-005		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	6.6188	6.6188	1.3000e-004	1.2000e-004	6.6582
Strip Mall	9845.2	5.0000e-005	4.8000e-004	4.1000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.5254	0.5254	1.0000e-005	1.0000e-005	0.5285
Total		7.2700e-003	0.0626	0.0294	4.0000e-004		5.0300e-003	5.0300e-003		5.0300e-003	5.0300e-003	0.0000	71.9915	71.9915	1.3800e-003	1.3200e-003	72.4193

Strathmore and Garvey Mixed Use - South Coast Air Basin, Annual

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

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	1.21519e+006	6.5500e-003	0.0560	0.0238	3.6000e-004		4.5300e-003	4.5300e-003		4.5300e-003	4.5300e-003	0.0000	64.8473	64.8473	1.2400e-003	1.1900e-003	65.2327
Enclosed Parking with Elevator	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
Office Park	124032	6.7000e-004	6.0800e-003	5.1100e-003	4.0000e-005		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	6.6188	6.6188	1.3000e-004	1.2000e-004	6.6582
Strip Mall	9845.2	5.0000e-005	4.8000e-004	4.1000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.5254	0.5254	1.0000e-005	1.0000e-005	0.5285
Total		7.2700e-003	0.0626	0.0294	4.0000e-004		5.0300e-003	5.0300e-003		5.0300e-003	5.0300e-003	0.0000	71.9915	71.9915	1.3800e-003	1.3200e-003	72.4193

Strathmore and Garvey Mixed Use - South Coast Air Basin, Annual

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

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	357990	63.4879	5.3600e-003	6.5000e-004	63.8154
Enclosed Parking with Elevator	452608	80.2680	6.7700e-003	8.2000e-004	80.6821
Office Park	173312	30.7361	2.5900e-003	3.1000e-004	30.8947
Strip Mall	78942.8	14.0002	1.1800e-003	1.4000e-004	14.0724
Total		188.4921	0.0159	1.9200e-003	189.4645

Strathmore and Garvey Mixed Use - South Coast Air Basin, Annual

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

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	357990	63.4879	5.3600e-003	6.5000e-004	63.8154
Enclosed Parking with Elevator	452608	80.2680	6.7700e-003	8.2000e-004	80.6821
Office Park	173312	30.7361	2.5900e-003	3.1000e-004	30.8947
Strip Mall	78942.8	14.0002	1.1800e-003	1.4000e-004	14.0724
Total		188.4921	0.0159	1.9200e-003	189.4645

6.0 Area Detail

6.1 Mitigation Measures Area

No Hearths Installed

Strathmore and Garvey Mixed Use - South Coast Air Basin, Annual

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.4776	0.0111	0.9616	5.0000e-005		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	1.5723	1.5723	1.5200e-003	0.0000	1.6102
Unmitigated	0.7822	0.0352	1.5528	1.5600e-003		0.0941	0.0941		0.0941	0.0941	9.8784	20.5551	30.4335	0.0310	6.7000e-004	31.4077

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0390					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.4095					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.3046	0.0241	0.5912	1.5100e-003		0.0888	0.0888		0.0888	0.0888	9.8784	18.9828	28.8612	0.0295	6.7000e-004	29.7975
Landscaping	0.0291	0.0111	0.9616	5.0000e-005		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	1.5723	1.5723	1.5200e-003	0.0000	1.6102
Total	0.7822	0.0352	1.5528	1.5600e-003		0.0941	0.0941		0.0941	0.0941	9.8784	20.5551	30.4335	0.0310	6.7000e-004	31.4077

Strathmore and Garvey Mixed Use - South Coast Air Basin, Annual

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	tons/yr										MT/yr					
Architectural Coating	0.0390					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.4095					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0291	0.0111	0.9616	5.0000e-005		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	1.5723	1.5723	1.5200e-003	0.0000	1.6102
Total	0.4776	0.0111	0.9616	5.0000e-005		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	1.5723	1.5723	1.5200e-003	0.0000	1.6102

7.0 Water Detail

7.1 Mitigation Measures Water

Strathmore and Garvey Mixed Use - South Coast Air Basin, Annual

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

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	33.8791	0.2888	7.0700e-003	43.2068
Unmitigated	33.8791	0.2888	7.0700e-003	43.2068

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	6.05932 / 3.82001	23.4412	0.1993	4.8800e-003	29.8776
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Office Park	2.27499 / 1.39435	8.7225	0.0748	1.8300e-003	11.1387
Strip Mall	0.447398 / 0.274212	1.7154	0.0147	3.6000e-004	2.1905
Total		33.8791	0.2888	7.0700e-003	43.2068

Strathmore and Garvey Mixed Use - South Coast Air Basin, Annual

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

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	6.05932 / 3.82001	23.4412	0.1993	4.8800e-003	29.8776
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Office Park	2.27499 / 1.39435	8.7225	0.0748	1.8300e-003	11.1387
Strip Mall	0.447398 / 0.274212	1.7154	0.0147	3.6000e-004	2.1905
Total		33.8791	0.2888	7.0700e-003	43.2068

8.0 Waste Detail

8.1 Mitigation Measures Waste

Strathmore and Garvey Mixed Use - South Coast Air Basin, Annual

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

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	12.3865	0.7320	0.0000	30.6871
Unmitigated	12.3865	0.7320	0.0000	30.6871

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	42.78	8.6840	0.5132	0.0000	21.5141
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Office Park	11.9	2.4156	0.1428	0.0000	5.9845
Strip Mall	6.34	1.2870	0.0761	0.0000	3.1884
Total		12.3865	0.7320	0.0000	30.6871

Strathmore and Garvey Mixed Use - South Coast Air Basin, Annual

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

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	42.78	8.6840	0.5132	0.0000	21.5141
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Office Park	11.9	2.4156	0.1428	0.0000	5.9845
Strip Mall	6.34	1.2870	0.0761	0.0000	3.1884
Total		12.3865	0.7320	0.0000	30.6871

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

Strathmore and Garvey Mixed Use - South Coast Air Basin, Annual

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

Equipment Type	Number
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11.0 Vegetation
