

Bellwood Motel IS 23-03 - Lake County, Annual

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

**Bellwood Motel IS 23-03**

**Lake County, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Motel	12.00	Room	2.13	4,800.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Rural	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	67
<b>Climate Zone</b>	1			<b>Operational Year</b>	2024
<b>Utility Company</b>	Pacific Gas and Electric Company				
<b>CO2 Intensity (lb/MW hr)</b>	203.98	<b>CH4 Intensity (lb/MW hr)</b>	0.033	<b>N2O Intensity (lb/MW hr)</b>	0.004

**1.3 User Entered Comments & Non-Default Data**

Project Characteristics - Best management practices included in the Construction Site Storm Water Soil Loss & Pollution Prevention Plan (SLPPP) prepared by the Northpoint Consulting Group, Inc. will be incorporated where applicable.

Land Use - Six 800 sq. ft. cabins with 2 units each.

Construction Phase - Schedule is tentatively planned for completion in 2024.

Off-road Equipment -

Off-road Equipment - Hours per day have been adjusted.

Off-road Equipment - Skid steer loader added.

Off-road Equipment - Rollers reduced to one.

Off-road Equipment - Based on project description and CalEEMod defaults.

Trips and VMT - Estimated six workers coming from Lower Lake. Vendors coming from Lower Lake except for Building and Paving coming from Lakeport.

Demolition - No demolition proposed.

Grading - Grading would result in distributing 1,310 cubic yards. Dirt to be redistributed with no export.

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Vehicle Trips -

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Land Use Change -

Construction Off-road Equipment Mitigation -

Area Mitigation -

Energy Mitigation - LED lighting to be installed in the cabins and outside for outdoors for security.

Water Mitigation - Drip irrigation will be applied to landscaping during operations.

Waste Mitigation -

Stationary Sources - Emergency Generators and Fire Pumps -

Table Name	Column Name	Default Value	New Value
tblApplianceMitigation	PercentImprovement	30.00	100.00
tblApplianceMitigation	PercentImprovement	15.00	100.00
tblApplianceMitigation	PercentImprovement	15.00	50.00
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	25
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	15.00
tblConstructionPhase	NumDays	220.00	45.00
tblConstructionPhase	NumDays	6.00	15.00
tblConstructionPhase	NumDays	10.00	15.00
tblConstructionPhase	NumDays	3.00	10.00
tblGrading	AcresOfGrading	7.50	0.50
tblGrading	MaterialImported	0.00	244.00
tblLandUse	LandUseSquareFeet	23,522.40	4,800.00
tblLandUse	LotAcreage	0.54	2.13
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00

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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	UsageHours	8.00	5.00
tblOffRoadEquipment	UsageHours	7.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	7.00	6.00
tblOffRoadEquipment	UsageHours	8.00	5.00
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	HaulingTripNumber	31.00	20.00
tblTripsAndVMT	HaulingTripNumber	0.00	20.00
tblTripsAndVMT	VendorTripLength	6.60	9.00
tblTripsAndVMT	VendorTripLength	6.60	9.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	20.00
tblTripsAndVMT	VendorTripLength	6.60	9.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	1.00	2.00
tblTripsAndVMT	WorkerTripLength	16.80	9.00
tblTripsAndVMT	WorkerTripLength	16.80	9.00
tblTripsAndVMT	WorkerTripLength	16.80	9.00
tblTripsAndVMT	WorkerTripLength	16.80	9.00
tblTripsAndVMT	WorkerTripLength	16.80	9.00
tblTripsAndVMT	WorkerTripNumber	3.00	6.00
tblTripsAndVMT	WorkerTripNumber	5.00	6.00
tblTripsAndVMT	WorkerTripNumber	2.00	6.00
tblTripsAndVMT	WorkerTripNumber	10.00	3.00
tblTripsAndVMT	WorkerTripNumber	0.00	3.00
tblWaterMitigation	UseWaterEfficientIrrigationSystemPercentReduction	6.1	6.2

**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	6-3-2024	9-2-2024	0.2183	0.2183
2	9-3-2024	9-30-2024	0.0702	0.0702
		Highest	0.2183	0.2183

**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	0.0243	0.0000	1.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.1000e-004	2.1000e-004	0.0000	0.0000	2.3000e-004
Energy	5.3000e-004	4.8400e-003	4.0600e-003	3.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004	0.0000	8.4862	8.4862	6.2000e-004	1.6000e-004	8.5493
Mobile	0.0317	0.0377	0.2242	3.2000e-004	0.0297	3.9000e-004	0.0301	7.9600e-003	3.7000e-004	8.3300e-003	0.0000	30.3079	30.3079	2.8400e-003	1.9000e-003	30.9461
Waste						0.0000	0.0000		0.0000	0.0000	1.3337	0.0000	1.3337	0.0788	0.0000	3.3041
Water						0.0000	0.0000		0.0000	0.0000	0.0966	0.1634	0.2599	9.9500e-003	2.4000e-004	0.5793
<b>Total</b>	<b>0.0565</b>	<b>0.0425</b>	<b>0.2284</b>	<b>3.5000e-004</b>	<b>0.0297</b>	<b>7.6000e-004</b>	<b>0.0305</b>	<b>7.9600e-003</b>	<b>7.4000e-004</b>	<b>8.7000e-003</b>	<b>1.4302</b>	<b>38.9577</b>	<b>40.3879</b>	<b>0.0922</b>	<b>2.3000e-003</b>	<b>43.3790</b>

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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	0.0229	0.0000	1.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.1000e-004	2.1000e-004	0.0000	0.0000	2.3000e-004
Energy	5.3000e-004	4.8400e-003	4.0600e-003	3.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004	0.0000	7.9155	7.9155	5.3000e-004	1.5000e-004	7.9730
Mobile	0.0317	0.0377	0.2242	3.2000e-004	0.0297	3.9000e-004	0.0301	7.9600e-003	3.7000e-004	8.3300e-003	0.0000	30.3079	30.3079	2.8400e-003	1.9000e-003	30.9461
Waste						0.0000	0.0000		0.0000	0.0000	1.3337	0.0000	1.3337	0.0788	0.0000	3.3041
Water						0.0000	0.0000		0.0000	0.0000	0.0966	0.1627	0.2592	9.9500e-003	2.4000e-004	0.5786
<b>Total</b>	<b>0.0551</b>	<b>0.0425</b>	<b>0.2284</b>	<b>3.5000e-004</b>	<b>0.0297</b>	<b>7.6000e-004</b>	<b>0.0305</b>	<b>7.9600e-003</b>	<b>7.4000e-004</b>	<b>8.7000e-003</b>	<b>1.4302</b>	<b>38.3863</b>	<b>39.8165</b>	<b>0.0921</b>	<b>2.2900e-003</b>	<b>42.8020</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
<b>Percent Reduction</b>	<b>2.48</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1.47</b>	<b>1.41</b>	<b>0.10</b>	<b>0.43</b>	<b>1.33</b>

**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	6/3/2024	6/14/2024	5	10	
2	Grading	Grading	6/14/2024	7/4/2024	5	15	
3	Building Construction	Building Construction	7/5/2024	9/5/2024	5	45	

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4	Paving	Paving	9/6/2024	9/26/2024	5	15
5	Architectural Coating	Architectural Coating	9/25/2024	10/15/2024	5	15

**Acres of Grading (Site Preparation Phase): 0**

**Acres of Grading (Grading Phase): 0.5**

**Acres of Paving: 0**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 7,200; Non-Residential Outdoor: 2,400; Striped Parking Area: 0 (Architectural Coating – sqft)**

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Skid Steer Loaders	1	8.00	65	0.37
Building Construction	Cranes	1	5.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Building Construction	Generator Sets	1	6.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	1	5.00	46	0.45
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
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
Architectural Coating	Air Compressors	1	6.00	78	0.48

**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	1	6.00	0.00	0.00	9.00	9.00	20.00	LD_Mix	HDT_Mix	HHDT

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Grading	2	6.00	2.00	20.00	9.00	9.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	6.00	2.00	20.00	9.00	20.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	4	3.00	0.00	0.00	9.00	20.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	3.00	0.00	0.00	9.00	9.00	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

- Use Soil Stabilizer
- Replace Ground Cover
- Water Exposed Area
- Water Unpaved Roads
- Reduce Vehicle Speed on Unpaved Roads

**3.2 Site Preparation - 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					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.4000e-004	5.4300e-003	8.3800e-003	1.0000e-005		2.5000e-004	2.5000e-004		2.3000e-004	2.3000e-004	0.0000	1.0266	1.0266	3.3000e-004	0.0000	1.0349
<b>Total</b>	<b>5.4000e-004</b>	<b>5.4300e-003</b>	<b>8.3800e-003</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>2.5000e-004</b>	<b>2.5000e-004</b>	<b>0.0000</b>	<b>2.3000e-004</b>	<b>2.3000e-004</b>	<b>0.0000</b>	<b>1.0266</b>	<b>1.0266</b>	<b>3.3000e-004</b>	<b>0.0000</b>	<b>1.0349</b>



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**3.2 Site Preparation - 2024**

**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	1.6000e-004	9.0000e-005	9.3000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1678	0.1678	1.0000e-005	1.0000e-005	0.1701
<b>Total</b>	<b>1.6000e-004</b>	<b>9.0000e-005</b>	<b>9.3000e-004</b>	<b>0.0000</b>	<b>2.0000e-004</b>	<b>0.0000</b>	<b>2.0000e-004</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>0.1678</b>	<b>0.1678</b>	<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.1701</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.4000e-004	5.4300e-003	8.3800e-003	1.0000e-005		2.5000e-004	2.5000e-004		2.3000e-004	2.3000e-004	0.0000	1.0266	1.0266	3.3000e-004	0.0000	1.0349
<b>Total</b>	<b>5.4000e-004</b>	<b>5.4300e-003</b>	<b>8.3800e-003</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>2.5000e-004</b>	<b>2.5000e-004</b>	<b>0.0000</b>	<b>2.3000e-004</b>	<b>2.3000e-004</b>	<b>0.0000</b>	<b>1.0266</b>	<b>1.0266</b>	<b>3.3000e-004</b>	<b>0.0000</b>	<b>1.0349</b>

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**3.2 Site Preparation - 2024**

**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	1.6000e-004	9.0000e-005	9.3000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1678	0.1678	1.0000e-005	1.0000e-005	0.1701
<b>Total</b>	<b>1.6000e-004</b>	<b>9.0000e-005</b>	<b>9.3000e-004</b>	<b>0.0000</b>	<b>2.0000e-004</b>	<b>0.0000</b>	<b>2.0000e-004</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>0.1678</b>	<b>0.1678</b>	<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.1701</b>

**3.3 Grading - 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					
Fugitive Dust					2.8000e-004	0.0000	2.8000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1300e-003	0.0374	0.0228	7.0000e-005		1.2100e-003	1.2100e-003		1.1100e-003	1.1100e-003	0.0000	5.7226	5.7226	1.8500e-003	0.0000	5.7689
<b>Total</b>	<b>3.1300e-003</b>	<b>0.0374</b>	<b>0.0228</b>	<b>7.0000e-005</b>	<b>2.8000e-004</b>	<b>1.2100e-003</b>	<b>1.4900e-003</b>	<b>3.0000e-005</b>	<b>1.1100e-003</b>	<b>1.1400e-003</b>	<b>0.0000</b>	<b>5.7226</b>	<b>5.7226</b>	<b>1.8500e-003</b>	<b>0.0000</b>	<b>5.7689</b>

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**3.3 Grading - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.0000e-005	1.9500e-003	2.7000e-004	1.0000e-005	1.7000e-004	1.0000e-005	1.8000e-004	5.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.6182	0.6182	0.0000	1.0000e-004	0.6471
Vendor	3.0000e-005	1.1000e-003	2.5000e-004	0.0000	1.2000e-004	1.0000e-005	1.3000e-004	3.0000e-005	1.0000e-005	4.0000e-005	0.0000	0.3797	0.3797	0.0000	6.0000e-005	0.3962
Worker	2.4000e-004	1.4000e-004	1.4000e-003	0.0000	3.0000e-004	0.0000	3.0000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2517	0.2517	1.0000e-005	1.0000e-005	0.2551
<b>Total</b>	<b>3.0000e-004</b>	<b>3.1900e-003</b>	<b>1.9200e-003</b>	<b>1.0000e-005</b>	<b>5.9000e-004</b>	<b>2.0000e-005</b>	<b>6.1000e-004</b>	<b>1.6000e-004</b>	<b>2.0000e-005</b>	<b>1.8000e-004</b>	<b>0.0000</b>	<b>1.2495</b>	<b>1.2495</b>	<b>1.0000e-005</b>	<b>1.7000e-004</b>	<b>1.2984</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					6.0000e-005	0.0000	6.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1300e-003	0.0374	0.0228	7.0000e-005		1.2100e-003	1.2100e-003		1.1100e-003	1.1100e-003	0.0000	5.7226	5.7226	1.8500e-003	0.0000	5.7688
<b>Total</b>	<b>3.1300e-003</b>	<b>0.0374</b>	<b>0.0228</b>	<b>7.0000e-005</b>	<b>6.0000e-005</b>	<b>1.2100e-003</b>	<b>1.2700e-003</b>	<b>1.0000e-005</b>	<b>1.1100e-003</b>	<b>1.1200e-003</b>	<b>0.0000</b>	<b>5.7226</b>	<b>5.7226</b>	<b>1.8500e-003</b>	<b>0.0000</b>	<b>5.7688</b>

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**3.3 Grading - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.0000e-005	1.9500e-003	2.7000e-004	1.0000e-005	1.7000e-004	1.0000e-005	1.8000e-004	5.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.6182	0.6182	0.0000	1.0000e-004	0.6471
Vendor	3.0000e-005	1.1000e-003	2.5000e-004	0.0000	1.2000e-004	1.0000e-005	1.3000e-004	3.0000e-005	1.0000e-005	4.0000e-005	0.0000	0.3797	0.3797	0.0000	6.0000e-005	0.3962
Worker	2.4000e-004	1.4000e-004	1.4000e-003	0.0000	3.0000e-004	0.0000	3.0000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2517	0.2517	1.0000e-005	1.0000e-005	0.2551
<b>Total</b>	<b>3.0000e-004</b>	<b>3.1900e-003</b>	<b>1.9200e-003</b>	<b>1.0000e-005</b>	<b>5.9000e-004</b>	<b>2.0000e-005</b>	<b>6.1000e-004</b>	<b>1.6000e-004</b>	<b>2.0000e-005</b>	<b>1.8000e-004</b>	<b>0.0000</b>	<b>1.2495</b>	<b>1.2495</b>	<b>1.0000e-005</b>	<b>1.7000e-004</b>	<b>1.2984</b>

**3.4 Building Construction - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0168	0.1510	0.1671	3.1000e-004		6.5700e-003	6.5700e-003		6.2500e-003	6.2500e-003	0.0000	26.1994	26.1994	5.1900e-003	0.0000	26.3292
<b>Total</b>	<b>0.0168</b>	<b>0.1510</b>	<b>0.1671</b>	<b>3.1000e-004</b>		<b>6.5700e-003</b>	<b>6.5700e-003</b>		<b>6.2500e-003</b>	<b>6.2500e-003</b>	<b>0.0000</b>	<b>26.1994</b>	<b>26.1994</b>	<b>5.1900e-003</b>	<b>0.0000</b>	<b>26.3292</b>

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**3.4 Building Construction - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.0000e-005	1.9500e-003	2.7000e-004	1.0000e-005	1.7000e-004	1.0000e-005	1.8000e-004	5.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.6182	0.6182	0.0000	1.0000e-004	0.6471
Vendor	1.8000e-004	6.7000e-003	1.2100e-003	3.0000e-005	8.0000e-004	4.0000e-005	8.5000e-004	2.3000e-004	4.0000e-005	2.7000e-004	0.0000	2.4632	2.4632	1.0000e-005	3.6000e-004	2.5699
Worker	7.3000e-004	4.2000e-004	4.2000e-003	1.0000e-005	8.9000e-004	1.0000e-005	8.9000e-004	2.4000e-004	1.0000e-005	2.4000e-004	0.0000	0.7551	0.7551	4.0000e-005	3.0000e-005	0.7652
<b>Total</b>	<b>9.4000e-004</b>	<b>9.0700e-003</b>	<b>5.6800e-003</b>	<b>5.0000e-005</b>	<b>1.8600e-003</b>	<b>6.0000e-005</b>	<b>1.9200e-003</b>	<b>5.2000e-004</b>	<b>6.0000e-005</b>	<b>5.7000e-004</b>	<b>0.0000</b>	<b>3.8364</b>	<b>3.8364</b>	<b>5.0000e-005</b>	<b>4.9000e-004</b>	<b>3.9823</b>

**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	0.0168	0.1510	0.1671	3.1000e-004		6.5700e-003	6.5700e-003		6.2500e-003	6.2500e-003	0.0000	26.1994	26.1994	5.1900e-003	0.0000	26.3291
<b>Total</b>	<b>0.0168</b>	<b>0.1510</b>	<b>0.1671</b>	<b>3.1000e-004</b>		<b>6.5700e-003</b>	<b>6.5700e-003</b>		<b>6.2500e-003</b>	<b>6.2500e-003</b>	<b>0.0000</b>	<b>26.1994</b>	<b>26.1994</b>	<b>5.1900e-003</b>	<b>0.0000</b>	<b>26.3291</b>

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**3.4 Building Construction - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.0000e-005	1.9500e-003	2.7000e-004	1.0000e-005	1.7000e-004	1.0000e-005	1.8000e-004	5.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.6182	0.6182	0.0000	1.0000e-004	0.6471
Vendor	1.8000e-004	6.7000e-003	1.2100e-003	3.0000e-005	8.0000e-004	4.0000e-005	8.5000e-004	2.3000e-004	4.0000e-005	2.7000e-004	0.0000	2.4632	2.4632	1.0000e-005	3.6000e-004	2.5699
Worker	7.3000e-004	4.2000e-004	4.2000e-003	1.0000e-005	8.9000e-004	1.0000e-005	8.9000e-004	2.4000e-004	1.0000e-005	2.4000e-004	0.0000	0.7551	0.7551	4.0000e-005	3.0000e-005	0.7652
<b>Total</b>	<b>9.4000e-004</b>	<b>9.0700e-003</b>	<b>5.6800e-003</b>	<b>5.0000e-005</b>	<b>1.8600e-003</b>	<b>6.0000e-005</b>	<b>1.9200e-003</b>	<b>5.2000e-004</b>	<b>6.0000e-005</b>	<b>5.7000e-004</b>	<b>0.0000</b>	<b>3.8364</b>	<b>3.8364</b>	<b>5.0000e-005</b>	<b>4.9000e-004</b>	<b>3.9823</b>

**3.5 Paving - 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	4.1500e-003	0.0385	0.0572	9.0000e-005		1.8600e-003	1.8600e-003		1.7200e-003	1.7200e-003	0.0000	7.8537	7.8537	2.4600e-003	0.0000	7.9153
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>4.1500e-003</b>	<b>0.0385</b>	<b>0.0572</b>	<b>9.0000e-005</b>		<b>1.8600e-003</b>	<b>1.8600e-003</b>		<b>1.7200e-003</b>	<b>1.7200e-003</b>	<b>0.0000</b>	<b>7.8537</b>	<b>7.8537</b>	<b>2.4600e-003</b>	<b>0.0000</b>	<b>7.9153</b>

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**3.5 Paving - 2024**

**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	1.2000e-004	7.0000e-005	7.0000e-004	0.0000	1.5000e-004	0.0000	1.5000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1258	0.1258	1.0000e-005	1.0000e-005	0.1275
<b>Total</b>	<b>1.2000e-004</b>	<b>7.0000e-005</b>	<b>7.0000e-004</b>	<b>0.0000</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>1.5000e-004</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>0.1258</b>	<b>0.1258</b>	<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.1275</b>

**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	4.1500e-003	0.0385	0.0572	9.0000e-005		1.8600e-003	1.8600e-003		1.7200e-003	1.7200e-003	0.0000	7.8537	7.8537	2.4600e-003	0.0000	7.9153
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>4.1500e-003</b>	<b>0.0385</b>	<b>0.0572</b>	<b>9.0000e-005</b>		<b>1.8600e-003</b>	<b>1.8600e-003</b>		<b>1.7200e-003</b>	<b>1.7200e-003</b>	<b>0.0000</b>	<b>7.8537</b>	<b>7.8537</b>	<b>2.4600e-003</b>	<b>0.0000</b>	<b>7.9153</b>

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**3.5 Paving - 2024**

**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	1.2000e-004	7.0000e-005	7.0000e-004	0.0000	1.5000e-004	0.0000	1.5000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1258	0.1258	1.0000e-005	1.0000e-005	0.1275
<b>Total</b>	<b>1.2000e-004</b>	<b>7.0000e-005</b>	<b>7.0000e-004</b>	<b>0.0000</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>1.5000e-004</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>0.1258</b>	<b>0.1258</b>	<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.1275</b>

**3.6 Architectural Coating - 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					
Archit. Coating	0.0556					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.3600e-003	9.1400e-003	0.0136	2.0000e-005		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	1.9149	1.9149	1.1000e-004	0.0000	1.9176
<b>Total</b>	<b>0.0570</b>	<b>9.1400e-003</b>	<b>0.0136</b>	<b>2.0000e-005</b>		<b>4.6000e-004</b>	<b>4.6000e-004</b>		<b>4.6000e-004</b>	<b>4.6000e-004</b>	<b>0.0000</b>	<b>1.9149</b>	<b>1.9149</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>1.9176</b>



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**3.6 Architectural Coating - 2024**

**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	1.2000e-004	7.0000e-005	7.0000e-004	0.0000	1.5000e-004	0.0000	1.5000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1258	0.1258	1.0000e-005	1.0000e-005	0.1275
<b>Total</b>	<b>1.2000e-004</b>	<b>7.0000e-005</b>	<b>7.0000e-004</b>	<b>0.0000</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>1.5000e-004</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>0.1258</b>	<b>0.1258</b>	<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.1275</b>

**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	0.0556					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.3600e-003	9.1400e-003	0.0136	2.0000e-005		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	1.9149	1.9149	1.1000e-004	0.0000	1.9176
<b>Total</b>	<b>0.0570</b>	<b>9.1400e-003</b>	<b>0.0136</b>	<b>2.0000e-005</b>		<b>4.6000e-004</b>	<b>4.6000e-004</b>		<b>4.6000e-004</b>	<b>4.6000e-004</b>	<b>0.0000</b>	<b>1.9149</b>	<b>1.9149</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>1.9176</b>

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**3.6 Architectural Coating - 2024**

**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	1.2000e-004	7.0000e-005	7.0000e-004	0.0000	1.5000e-004	0.0000	1.5000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1258	0.1258	1.0000e-005	1.0000e-005	0.1275
<b>Total</b>	<b>1.2000e-004</b>	<b>7.0000e-005</b>	<b>7.0000e-004</b>	<b>0.0000</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>1.5000e-004</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>0.1258</b>	<b>0.1258</b>	<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.1275</b>

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**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	tons/yr										MT/yr					
Mitigated	0.0317	0.0377	0.2242	3.2000e-004	0.0297	3.9000e-004	0.0301	7.9600e-003	3.7000e-004	8.3300e-003	0.0000	30.3079	30.3079	2.8400e-003	1.9000e-003	30.9461
Unmitigated	0.0317	0.0377	0.2242	3.2000e-004	0.0297	3.9000e-004	0.0301	7.9600e-003	3.7000e-004	8.3300e-003	0.0000	30.3079	30.3079	2.8400e-003	1.9000e-003	30.9461

**4.2 Trip Summary Information**

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Motel	40.20	40.20	40.20	80,449	80,449
Total	40.20	40.20	40.20	80,449	80,449

**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
Motel	14.70	6.60	6.60	19.00	62.00	19.00	58	38	4

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Motel	0.464659	0.064863	0.191817	0.155973	0.051760	0.009603	0.008536	0.006240	0.000416	0.000000	0.037661	0.001217	0.007255

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

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

Install High Efficiency Lighting

Percent of Electricity Use Generated with Renewable 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	2.6491	2.6491	4.3000e-004	5.0000e-005	2.6753
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	3.2198	3.2198	5.2000e-004	6.0000e-005	3.2517
NaturalGas Mitigated	5.3000e-004	4.8400e-003	4.0600e-003	3.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004	0.0000	5.2664	5.2664	1.0000e-004	1.0000e-004	5.2977
NaturalGas Unmitigated	5.3000e-004	4.8400e-003	4.0600e-003	3.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004	0.0000	5.2664	5.2664	1.0000e-004	1.0000e-004	5.2977

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**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Motel	98688	5.3000e-004	4.8400e-003	4.0600e-003	3.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004	0.0000	5.2664	5.2664	1.0000e-004	1.0000e-004	5.2977
<b>Total</b>		<b>5.3000e-004</b>	<b>4.8400e-003</b>	<b>4.0600e-003</b>	<b>3.0000e-005</b>		<b>3.7000e-004</b>	<b>3.7000e-004</b>		<b>3.7000e-004</b>	<b>3.7000e-004</b>	<b>0.0000</b>	<b>5.2664</b>	<b>5.2664</b>	<b>1.0000e-004</b>	<b>1.0000e-004</b>	<b>5.2977</b>

**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					
Motel	98688	5.3000e-004	4.8400e-003	4.0600e-003	3.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004	0.0000	5.2664	5.2664	1.0000e-004	1.0000e-004	5.2977
<b>Total</b>		<b>5.3000e-004</b>	<b>4.8400e-003</b>	<b>4.0600e-003</b>	<b>3.0000e-005</b>		<b>3.7000e-004</b>	<b>3.7000e-004</b>		<b>3.7000e-004</b>	<b>3.7000e-004</b>	<b>0.0000</b>	<b>5.2664</b>	<b>5.2664</b>	<b>1.0000e-004</b>	<b>1.0000e-004</b>	<b>5.2977</b>

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**5.3 Energy by Land Use - Electricity**

**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Motel	34800	3.2198	5.2000e-004	6.0000e-005	3.2517
<b>Total</b>		<b>3.2198</b>	<b>5.2000e-004</b>	<b>6.0000e-005</b>	<b>3.2517</b>

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Motel	28632	2.6491	4.3000e-004	5.0000e-005	2.6753
<b>Total</b>		<b>2.6491</b>	<b>4.3000e-004</b>	<b>5.0000e-005</b>	<b>2.6753</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

No Hearths Installed

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

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive 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	0.0229	0.0000	1.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.1000e-004	2.1000e-004	0.0000	0.0000	2.3000e-004
Unmitigated	0.0243	0.0000	1.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.1000e-004	2.1000e-004	0.0000	0.0000	2.3000e-004

**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	5.5600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0188					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-005	0.0000	1.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.1000e-004	2.1000e-004	0.0000	0.0000	2.3000e-004
<b>Total</b>	<b>0.0243</b>	<b>0.0000</b>	<b>1.1000e-004</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>2.1000e-004</b>	<b>2.1000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>2.3000e-004</b>

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**6.2 Area by SubCategory**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	5.5600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0173					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-005	0.0000	1.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.1000e-004	2.1000e-004	0.0000	0.0000	2.3000e-004
<b>Total</b>	<b>0.0229</b>	<b>0.0000</b>	<b>1.1000e-004</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>2.1000e-004</b>	<b>2.1000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>2.3000e-004</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

Use Water Efficient Irrigation System



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**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	0.2592	9.9500e-003	2.4000e-004	0.5786
Unmitigated	0.2599	9.9500e-003	2.4000e-004	0.5793

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Motel	0.304401 / 0.0338224	0.2599	9.9500e-003	2.4000e-004	0.5793
<b>Total</b>		<b>0.2599</b>	<b>9.9500e-003</b>	<b>2.4000e-004</b>	<b>0.5793</b>

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**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			
Motel	0.304401 / 0.0317254	0.2592	9.9500e-003	2.4000e-004	0.5786
<b>Total</b>		<b>0.2592</b>	<b>9.9500e-003</b>	<b>2.4000e-004</b>	<b>0.5786</b>

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1.3337	0.0788	0.0000	3.3041
Unmitigated	1.3337	0.0788	0.0000	3.3041

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**8.2 Waste by Land Use**

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Motel	6.57	1.3337	0.0788	0.0000	3.3041
<b>Total</b>		<b>1.3337</b>	<b>0.0788</b>	<b>0.0000</b>	<b>3.3041</b>

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Motel	6.57	1.3337	0.0788	0.0000	3.3041
<b>Total</b>		<b>1.3337</b>	<b>0.0788</b>	<b>0.0000</b>	<b>3.3041</b>

**9.0 Operational Offroad**

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Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**10.0 Stationary Equipment**

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**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**

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