

Chateau Resort Victorville Residential Care - Mojave Desert Air Basin, Summer

**Chateau Resort Victorville Residential Care  
Mojave Desert Air Basin, Summer**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	204.19	1000sqft	4.69	204,185.00	0
Other Non-Asphalt Surfaces	156.22	1000sqft	3.59	156,217.00	0
Other Asphalt Surfaces	395.96	1000sqft	9.09	395,960.40	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.6	<b>Precipitation Freq (Days)</b>	31
<b>Climate Zone</b>	10			<b>Operational Year</b>	2022

**Utility Company**

<b>CO2 Intensity (lb/MW hr)</b>	0	<b>CH4 Intensity (lb/MW hr)</b>	0	<b>N2O Intensity (lb/MW hr)</b>	0
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**1.3 User Entered Comments & Non-Default Data**

Project Characteristics -

Land Use - Per Site Plan.

Construction Phase - Project Site is vacant, demolition is not required.

Applicant is required a minimum of 42 days for architectural coating.

Vehicle Trips - Per TIA.

Construction Off-road Equipment Mitigation -

## Chateau Resort Victorville Residential Care - Mojave Desert Air Basin, Summer

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	42.00
tblConstructionPhase	PhaseEndDate	4/15/2022	5/17/2022
tblLandUse	LandUseSquareFeet	204,190.00	204,185.00
tblLandUse	LandUseSquareFeet	156,220.00	156,217.00
tblLandUse	LandUseSquareFeet	395,960.00	395,960.40
tblVehicleTrips	ST_TR	8.96	14.34
tblVehicleTrips	SU_TR	1.55	14.34
tblVehicleTrips	WD_TR	36.13	14.34

## 2.0 Emissions Summary

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Chateau Resort Victorville Residential Care - Mojave Desert Air Basin, Summer

**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					
2020	4.5477	50.2590	32.6932	0.0903	18.2141	2.1984	20.4125	9.9699	2.0225	11.9924	0.0000	9,048.7937	9,048.7937	1.9483	0.0000	9,074.9903
2021	3.6125	30.4641	29.0495	0.0891	3.2807	0.9934	4.2741	0.8893	0.9340	1.8233	0.0000	8,931.7777	8,931.7777	1.0164	0.0000	8,957.1865
2022	122.2597	27.8619	27.7151	0.0880	3.2807	0.8398	4.1205	0.8893	0.7900	1.6793	0.0000	8,815.6270	8,815.6270	0.9863	0.0000	8,840.2841
<b>Maximum</b>	<b>122.2597</b>	<b>50.2590</b>	<b>32.6932</b>	<b>0.0903</b>	<b>18.2141</b>	<b>2.1984</b>	<b>20.4125</b>	<b>9.9699</b>	<b>2.0225</b>	<b>11.9924</b>	<b>0.0000</b>	<b>9,048.7937</b>	<b>9,048.7937</b>	<b>1.9483</b>	<b>0.0000</b>	<b>9,074.9903</b>

**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					
2020	4.5477	50.2590	32.6932	0.0903	8.2777	2.1984	10.4761	4.5080	2.0225	6.5306	0.0000	9,048.7937	9,048.7937	1.9483	0.0000	9,074.9902
2021	3.6125	30.4641	29.0495	0.0891	3.2807	0.9934	4.2741	0.8893	0.9340	1.8233	0.0000	8,931.7777	8,931.7777	1.0164	0.0000	8,957.1865
2022	122.2597	27.8619	27.7151	0.0880	3.2807	0.8398	4.1205	0.8893	0.7900	1.6793	0.0000	8,815.6270	8,815.6270	0.9863	0.0000	8,840.2841
<b>Maximum</b>	<b>122.2597</b>	<b>50.2590</b>	<b>32.6932</b>	<b>0.0903</b>	<b>8.2777</b>	<b>2.1984</b>	<b>10.4761</b>	<b>4.5080</b>	<b>2.0225</b>	<b>6.5306</b>	<b>0.0000</b>	<b>9,048.7937</b>	<b>9,048.7937</b>	<b>1.9483</b>	<b>0.0000</b>	<b>9,074.9902</b>

## Chateau Resort Victorville Residential Care - Mojave Desert Air Basin, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	40.11	0.00	34.49	46.49	0.00	35.25	0.00	0.00	0.00	0.00	0.00	0.00

Chateau Resort Victorville Residential Care - Mojave Desert Air Basin, Summer

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	5.9740	7.1000e-004	0.0774	1.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004		0.1655	0.1655	4.4000e-004		0.1765
Energy	0.0209	0.1903	0.1599	1.1400e-003		0.0145	0.0145		0.0145	0.0145		228.3713	228.3713	4.3800e-003	4.1900e-003	229.7284
Mobile	6.2872	48.2513	50.3232	0.2217	12.2681	0.1235	12.3916	3.2848	0.1158	3.4006		22,715.5919	22,715.5919	1.8696		22,762.3315
<b>Total</b>	<b>12.2821</b>	<b>48.4423</b>	<b>50.5604</b>	<b>0.2229</b>	<b>12.2681</b>	<b>0.1382</b>	<b>12.4063</b>	<b>3.2848</b>	<b>0.1306</b>	<b>3.4153</b>		<b>22,944.1288</b>	<b>22,944.1288</b>	<b>1.8744</b>	<b>4.1900e-003</b>	<b>22,992.2363</b>

**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	5.9740	7.1000e-004	0.0774	1.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004		0.1655	0.1655	4.4000e-004		0.1765
Energy	0.0209	0.1903	0.1599	1.1400e-003		0.0145	0.0145		0.0145	0.0145		228.3713	228.3713	4.3800e-003	4.1900e-003	229.7284
Mobile	6.2872	48.2513	50.3232	0.2217	12.2681	0.1235	12.3916	3.2848	0.1158	3.4006		22,715.5919	22,715.5919	1.8696		22,762.3315
<b>Total</b>	<b>12.2821</b>	<b>48.4423</b>	<b>50.5604</b>	<b>0.2229</b>	<b>12.2681</b>	<b>0.1382</b>	<b>12.4063</b>	<b>3.2848</b>	<b>0.1306</b>	<b>3.4153</b>		<b>22,944.1288</b>	<b>22,944.1288</b>	<b>1.8744</b>	<b>4.1900e-003</b>	<b>22,992.2363</b>

Chateau Resort Victorville Residential Care - Mojave Desert Air Basin, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	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	10/31/2020	11/13/2020	5	10	
2	Grading	Grading	11/14/2020	12/25/2020	5	30	
3	Building Construction	Building Construction	12/26/2020	2/18/2022	5	300	
4	Paving	Paving	2/19/2022	3/18/2022	5	20	
5	Architectural Coating	Architectural Coating	3/19/2022	5/17/2022	5	42	

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

**Acres of Grading (Grading Phase): 75**

**Acres of Paving: 12.68**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 306,278; Non-Residential Outdoor: 102,093; Striped Parking Area: 33,131 (Architectural Coating – sqft)**

**OffRoad Equipment**

Chateau Resort Victorville Residential Care - Mojave Desert Air Basin, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Grading	Excavators	2	8.00	158	0.38
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Paving	Pavers	2	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Paving Equipment	2	8.00	132	0.36
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Building Construction	Welders	1	8.00	46	0.45

**Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	297.00	124.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	59.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Chateau Resort Victorville Residential Care - Mojave Desert Air Basin, Summer

**3.1 Mitigation Measures Construction**

Water Exposed Area

**3.2 Site Preparation - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216		3,685.1016	3,685.1016	1.1918		3,714.8975
<b>Total</b>	<b>4.0765</b>	<b>42.4173</b>	<b>21.5136</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.1974</b>	<b>20.2637</b>	<b>9.9307</b>	<b>2.0216</b>	<b>11.9523</b>		<b>3,685.1016</b>	<b>3,685.1016</b>	<b>1.1918</b>		<b>3,714.8975</b>

Chateau Resort Victorville Residential Care - Mojave Desert Air Basin, Summer

**3.2 Site Preparation - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0878	0.0553	0.6614	1.5300e-003	0.1479	9.8000e-004	0.1489	0.0392	9.0000e-004	0.0401		152.6354	152.6354	5.2800e-003		152.7675
<b>Total</b>	<b>0.0878</b>	<b>0.0553</b>	<b>0.6614</b>	<b>1.5300e-003</b>	<b>0.1479</b>	<b>9.8000e-004</b>	<b>0.1489</b>	<b>0.0392</b>	<b>9.0000e-004</b>	<b>0.0401</b>		<b>152.6354</b>	<b>152.6354</b>	<b>5.2800e-003</b>		<b>152.7675</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	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975
<b>Total</b>	<b>4.0765</b>	<b>42.4173</b>	<b>21.5136</b>	<b>0.0380</b>	<b>8.1298</b>	<b>2.1974</b>	<b>10.3272</b>	<b>4.4688</b>	<b>2.0216</b>	<b>6.4904</b>	<b>0.0000</b>	<b>3,685.1016</b>	<b>3,685.1016</b>	<b>1.1918</b>		<b>3,714.8975</b>

Chateau Resort Victorville Residential Care - Mojave Desert Air Basin, Summer

**3.2 Site Preparation - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0878	0.0553	0.6614	1.5300e-003	0.1479	9.8000e-004	0.1489	0.0392	9.0000e-004	0.0401		152.6354	152.6354	5.2800e-003		152.7675
<b>Total</b>	<b>0.0878</b>	<b>0.0553</b>	<b>0.6614</b>	<b>1.5300e-003</b>	<b>0.1479</b>	<b>9.8000e-004</b>	<b>0.1489</b>	<b>0.0392</b>	<b>9.0000e-004</b>	<b>0.0401</b>		<b>152.6354</b>	<b>152.6354</b>	<b>5.2800e-003</b>		<b>152.7675</b>

**3.3 Grading - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.4501	50.1975	31.9583	0.0620		2.1739	2.1739		2.0000	2.0000		6,005.8653	6,005.8653	1.9424		6,054.4257
<b>Total</b>	<b>4.4501</b>	<b>50.1975</b>	<b>31.9583</b>	<b>0.0620</b>	<b>8.6733</b>	<b>2.1739</b>	<b>10.8472</b>	<b>3.5965</b>	<b>2.0000</b>	<b>5.5965</b>		<b>6,005.8653</b>	<b>6,005.8653</b>	<b>1.9424</b>		<b>6,054.4257</b>

Chateau Resort Victorville Residential Care - Mojave Desert Air Basin, Summer

**3.3 Grading - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0976	0.0615	0.7349	1.7000e-003	0.1643	1.0900e-003	0.1654	0.0436	1.0000e-003	0.0446		169.5949	169.5949	5.8700e-003		169.7416
<b>Total</b>	<b>0.0976</b>	<b>0.0615</b>	<b>0.7349</b>	<b>1.7000e-003</b>	<b>0.1643</b>	<b>1.0900e-003</b>	<b>0.1654</b>	<b>0.0436</b>	<b>1.0000e-003</b>	<b>0.0446</b>		<b>169.5949</b>	<b>169.5949</b>	<b>5.8700e-003</b>		<b>169.7416</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	lb/day										lb/day					
Fugitive Dust					3.9030	0.0000	3.9030	1.6184	0.0000	1.6184			0.0000			0.0000
Off-Road	4.4501	50.1975	31.9583	0.0620		2.1739	2.1739		2.0000	2.0000	0.0000	6,005.8653	6,005.8653	1.9424		6,054.4257
<b>Total</b>	<b>4.4501</b>	<b>50.1975</b>	<b>31.9583</b>	<b>0.0620</b>	<b>3.9030</b>	<b>2.1739</b>	<b>6.0769</b>	<b>1.6184</b>	<b>2.0000</b>	<b>3.6184</b>	<b>0.0000</b>	<b>6,005.8653</b>	<b>6,005.8653</b>	<b>1.9424</b>		<b>6,054.4257</b>

Chateau Resort Victorville Residential Care - Mojave Desert Air Basin, Summer

**3.3 Grading - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0976	0.0615	0.7349	1.7000e-003	0.1643	1.0900e-003	0.1654	0.0436	1.0000e-003	0.0446		169.5949	169.5949	5.8700e-003		169.7416
<b>Total</b>	<b>0.0976</b>	<b>0.0615</b>	<b>0.7349</b>	<b>1.7000e-003</b>	<b>0.1643</b>	<b>1.0900e-003</b>	<b>0.1654</b>	<b>0.0436</b>	<b>1.0000e-003</b>	<b>0.0446</b>		<b>169.5949</b>	<b>169.5949</b>	<b>5.8700e-003</b>		<b>169.7416</b>

**3.4 Building Construction - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503		2,553.0631	2,553.0631	0.6229		2,568.6345
<b>Total</b>	<b>2.1198</b>	<b>19.1860</b>	<b>16.8485</b>	<b>0.0269</b>		<b>1.1171</b>	<b>1.1171</b>		<b>1.0503</b>	<b>1.0503</b>		<b>2,553.0631</b>	<b>2,553.0631</b>	<b>0.6229</b>		<b>2,568.6345</b>

Chateau Resort Victorville Residential Care - Mojave Desert Air Basin, Summer

**3.4 Building Construction - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4313	13.4413	2.8809	0.0381	0.8409	0.0591	0.9000	0.2422	0.0565	0.2987		3,977.247 0	3,977.247 0	0.3378		3,985.692 6
Worker	1.4494	0.9129	10.9135	0.0253	2.4398	0.0162	2.4560	0.6471	0.0149	0.6620		2,518.483 7	2,518.483 7	0.0872		2,520.663 2
<b>Total</b>	<b>1.8807</b>	<b>14.3541</b>	<b>13.7944</b>	<b>0.0634</b>	<b>3.2807</b>	<b>0.0753</b>	<b>3.3560</b>	<b>0.8893</b>	<b>0.0714</b>	<b>0.9607</b>		<b>6,495.730 7</b>	<b>6,495.730 7</b>	<b>0.4250</b>		<b>6,506.355 8</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	lb/day										lb/day					
Off-Road	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503	0.0000	2,553.063 1	2,553.063 1	0.6229		2,568.634 5
<b>Total</b>	<b>2.1198</b>	<b>19.1860</b>	<b>16.8485</b>	<b>0.0269</b>		<b>1.1171</b>	<b>1.1171</b>		<b>1.0503</b>	<b>1.0503</b>	<b>0.0000</b>	<b>2,553.063 1</b>	<b>2,553.063 1</b>	<b>0.6229</b>		<b>2,568.634 5</b>

Chateau Resort Victorville Residential Care - Mojave Desert Air Basin, Summer

**3.4 Building Construction - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4313	13.4413	2.8809	0.0381	0.8409	0.0591	0.9000	0.2422	0.0565	0.2987		3,977.2470	3,977.2470	0.3378		3,985.6926
Worker	1.4494	0.9129	10.9135	0.0253	2.4398	0.0162	2.4560	0.6471	0.0149	0.6620		2,518.4837	2,518.4837	0.0872		2,520.6632
<b>Total</b>	<b>1.8807</b>	<b>14.3541</b>	<b>13.7944</b>	<b>0.0634</b>	<b>3.2807</b>	<b>0.0753</b>	<b>3.3560</b>	<b>0.8893</b>	<b>0.0714</b>	<b>0.9607</b>		<b>6,495.7307</b>	<b>6,495.7307</b>	<b>0.4250</b>		<b>6,506.3558</b>

**3.4 Building Construction - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
<b>Total</b>	<b>1.9009</b>	<b>17.4321</b>	<b>16.5752</b>	<b>0.0269</b>		<b>0.9586</b>	<b>0.9586</b>		<b>0.9013</b>	<b>0.9013</b>		<b>2,553.3639</b>	<b>2,553.3639</b>	<b>0.6160</b>		<b>2,568.7643</b>

Chateau Resort Victorville Residential Care - Mojave Desert Air Basin, Summer

**3.4 Building Construction - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3688	12.2174	2.5012	0.0378	0.8409	0.0191	0.8601	0.2422	0.0183	0.2605		3,948.0000	3,948.0000	0.3224		3,956.0597
Worker	1.3428	0.8146	9.9730	0.0244	2.4398	0.0157	2.4555	0.6471	0.0144	0.6616		2,430.4138	2,430.4138	0.0780		2,432.3625
<b>Total</b>	<b>1.7116</b>	<b>13.0320</b>	<b>12.4743</b>	<b>0.0622</b>	<b>3.2807</b>	<b>0.0348</b>	<b>3.3155</b>	<b>0.8893</b>	<b>0.0327</b>	<b>0.9220</b>		<b>6,378.4138</b>	<b>6,378.4138</b>	<b>0.4003</b>		<b>6,388.4222</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	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
<b>Total</b>	<b>1.9009</b>	<b>17.4321</b>	<b>16.5752</b>	<b>0.0269</b>		<b>0.9586</b>	<b>0.9586</b>		<b>0.9013</b>	<b>0.9013</b>	<b>0.0000</b>	<b>2,553.3639</b>	<b>2,553.3639</b>	<b>0.6160</b>		<b>2,568.7643</b>

Chateau Resort Victorville Residential Care - Mojave Desert Air Basin, Summer

**3.4 Building Construction - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3688	12.2174	2.5012	0.0378	0.8409	0.0191	0.8601	0.2422	0.0183	0.2605		3,948.0000	3,948.0000	0.3224		3,956.0597
Worker	1.3428	0.8146	9.9730	0.0244	2.4398	0.0157	2.4555	0.6471	0.0144	0.6616		2,430.4138	2,430.4138	0.0780		2,432.3625
<b>Total</b>	<b>1.7116</b>	<b>13.0320</b>	<b>12.4743</b>	<b>0.0622</b>	<b>3.2807</b>	<b>0.0348</b>	<b>3.3155</b>	<b>0.8893</b>	<b>0.0327</b>	<b>0.9220</b>		<b>6,378.4138</b>	<b>6,378.4138</b>	<b>0.4003</b>		<b>6,388.4222</b>

**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	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
<b>Total</b>	<b>1.7062</b>	<b>15.6156</b>	<b>16.3634</b>	<b>0.0269</b>		<b>0.8090</b>	<b>0.8090</b>		<b>0.7612</b>	<b>0.7612</b>		<b>2,554.3336</b>	<b>2,554.3336</b>	<b>0.6120</b>		<b>2,569.6322</b>

Chateau Resort Victorville Residential Care - Mojave Desert Air Basin, Summer

**3.4 Building Construction - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3406	11.5165	2.2621	0.0375	0.8409	0.0156	0.8565	0.2422	0.0149	0.2571		3,918.6174	3,918.6174	0.3049		3,926.2393
Worker	1.2479	0.7298	9.0896	0.0235	2.4398	0.0152	2.4549	0.6471	0.0140	0.6611		2,342.6760	2,342.6760	0.0695		2,344.4126
<b>Total</b>	<b>1.5885</b>	<b>12.2463</b>	<b>11.3517</b>	<b>0.0610</b>	<b>3.2807</b>	<b>0.0308</b>	<b>3.3114</b>	<b>0.8893</b>	<b>0.0289</b>	<b>0.9182</b>		<b>6,261.2934</b>	<b>6,261.2934</b>	<b>0.3743</b>		<b>6,270.6519</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	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
<b>Total</b>	<b>1.7062</b>	<b>15.6156</b>	<b>16.3634</b>	<b>0.0269</b>		<b>0.8090</b>	<b>0.8090</b>		<b>0.7612</b>	<b>0.7612</b>	<b>0.0000</b>	<b>2,554.3336</b>	<b>2,554.3336</b>	<b>0.6120</b>		<b>2,569.6322</b>

Chateau Resort Victorville Residential Care - Mojave Desert Air Basin, Summer

**3.4 Building Construction - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3406	11.5165	2.2621	0.0375	0.8409	0.0156	0.8565	0.2422	0.0149	0.2571		3,918.6174	3,918.6174	0.3049		3,926.2393
Worker	1.2479	0.7298	9.0896	0.0235	2.4398	0.0152	2.4549	0.6471	0.0140	0.6611		2,342.6760	2,342.6760	0.0695		2,344.4126
<b>Total</b>	<b>1.5885</b>	<b>12.2463</b>	<b>11.3517</b>	<b>0.0610</b>	<b>3.2807</b>	<b>0.0308</b>	<b>3.3114</b>	<b>0.8893</b>	<b>0.0289</b>	<b>0.9182</b>		<b>6,261.2934</b>	<b>6,261.2934</b>	<b>0.3743</b>		<b>6,270.6519</b>

**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	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	1.1908					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>2.2936</b>	<b>11.1249</b>	<b>14.5805</b>	<b>0.0228</b>		<b>0.5679</b>	<b>0.5679</b>		<b>0.5225</b>	<b>0.5225</b>		<b>2,207.6603</b>	<b>2,207.6603</b>	<b>0.7140</b>		<b>2,225.5104</b>

Chateau Resort Victorville Residential Care - Mojave Desert Air Basin, Summer

**3.5 Paving - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0630	0.0369	0.4591	1.1900e-003	0.1232	7.7000e-004	0.1240	0.0327	7.1000e-004	0.0334		118.3170	118.3170	3.5100e-003		118.4047
<b>Total</b>	<b>0.0630</b>	<b>0.0369</b>	<b>0.4591</b>	<b>1.1900e-003</b>	<b>0.1232</b>	<b>7.7000e-004</b>	<b>0.1240</b>	<b>0.0327</b>	<b>7.1000e-004</b>	<b>0.0334</b>		<b>118.3170</b>	<b>118.3170</b>	<b>3.5100e-003</b>		<b>118.4047</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	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	1.1908					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>2.2936</b>	<b>11.1249</b>	<b>14.5805</b>	<b>0.0228</b>		<b>0.5679</b>	<b>0.5679</b>		<b>0.5225</b>	<b>0.5225</b>	<b>0.0000</b>	<b>2,207.6603</b>	<b>2,207.6603</b>	<b>0.7140</b>		<b>2,225.5104</b>

Chateau Resort Victorville Residential Care - Mojave Desert Air Basin, Summer

**3.5 Paving - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0630	0.0369	0.4591	1.1900e-003	0.1232	7.7000e-004	0.1240	0.0327	7.1000e-004	0.0334		118.3170	118.3170	3.5100e-003		118.4047
<b>Total</b>	<b>0.0630</b>	<b>0.0369</b>	<b>0.4591</b>	<b>1.1900e-003</b>	<b>0.1232</b>	<b>7.7000e-004</b>	<b>0.1240</b>	<b>0.0327</b>	<b>7.1000e-004</b>	<b>0.0334</b>		<b>118.3170</b>	<b>118.3170</b>	<b>3.5100e-003</b>		<b>118.4047</b>

**3.6 Architectural Coating - 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					
Archit. Coating	121.8073					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
<b>Total</b>	<b>122.0118</b>	<b>1.4085</b>	<b>1.8136</b>	<b>2.9700e-003</b>		<b>0.0817</b>	<b>0.0817</b>		<b>0.0817</b>	<b>0.0817</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0183</b>		<b>281.9062</b>

Chateau Resort Victorville Residential Care - Mojave Desert Air Basin, Summer

**3.6 Architectural Coating - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2479	0.1450	1.8057	4.6700e-003	0.4847	3.0100e-003	0.4877	0.1286	2.7700e-003	0.1313		465.3801	465.3801	0.0138		465.7251
<b>Total</b>	<b>0.2479</b>	<b>0.1450</b>	<b>1.8057</b>	<b>4.6700e-003</b>	<b>0.4847</b>	<b>3.0100e-003</b>	<b>0.4877</b>	<b>0.1286</b>	<b>2.7700e-003</b>	<b>0.1313</b>		<b>465.3801</b>	<b>465.3801</b>	<b>0.0138</b>		<b>465.7251</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	lb/day										lb/day					
Archit. Coating	121.8073					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
<b>Total</b>	<b>122.0118</b>	<b>1.4085</b>	<b>1.8136</b>	<b>2.9700e-003</b>		<b>0.0817</b>	<b>0.0817</b>		<b>0.0817</b>	<b>0.0817</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0183</b>		<b>281.9062</b>

Chateau Resort Victorville Residential Care - Mojave Desert Air Basin, Summer

**3.6 Architectural Coating - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2479	0.1450	1.8057	4.6700e-003	0.4847	3.0100e-003	0.4877	0.1286	2.7700e-003	0.1313		465.3801	465.3801	0.0138		465.7251
<b>Total</b>	<b>0.2479</b>	<b>0.1450</b>	<b>1.8057</b>	<b>4.6700e-003</b>	<b>0.4847</b>	<b>3.0100e-003</b>	<b>0.4877</b>	<b>0.1286</b>	<b>2.7700e-003</b>	<b>0.1313</b>		<b>465.3801</b>	<b>465.3801</b>	<b>0.0138</b>		<b>465.7251</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

Chateau Resort Victorville Residential Care - Mojave Desert Air Basin, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	6.2872	48.2513	50.3232	0.2217	12.2681	0.1235	12.3916	3.2848	0.1158	3.4006		22,715.59 19	22,715.59 19	1.8696		22,762.33 15
Unmitigated	6.2872	48.2513	50.3232	0.2217	12.2681	0.1235	12.3916	3.2848	0.1158	3.4006		22,715.59 19	22,715.59 19	1.8696		22,762.33 15

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Medical Office Building	2,928.08	2,928.08	2,928.08	5,730,993	5,730,993
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
<b>Total</b>	<b>2,928.08</b>	<b>2,928.08</b>	<b>2,928.08</b>	<b>5,730,993</b>	<b>5,730,993</b>

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
Medical Office Building	9.50	7.30	7.30	29.60	51.40	19.00	60	30	10
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Chateau Resort Victorville Residential Care - Mojave Desert Air Basin, Summer

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Medical Office Building	0.542331	0.034995	0.171339	0.106016	0.017524	0.005301	0.010354	0.098286	0.001618	0.001995	0.008295	0.000874	0.001071
Other Asphalt Surfaces	0.542331	0.034995	0.171339	0.106016	0.017524	0.005301	0.010354	0.098286	0.001618	0.001995	0.008295	0.000874	0.001071
Other Non-Asphalt Surfaces	0.542331	0.034995	0.171339	0.106016	0.017524	0.005301	0.010354	0.098286	0.001618	0.001995	0.008295	0.000874	0.001071

**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	0.0209	0.1903	0.1599	1.1400e-003		0.0145	0.0145		0.0145	0.0145		228.3713	228.3713	4.3800e-003	4.1900e-003	229.7284
NaturalGas Unmitigated	0.0209	0.1903	0.1599	1.1400e-003		0.0145	0.0145		0.0145	0.0145		228.3713	228.3713	4.3800e-003	4.1900e-003	229.7284

Chateau Resort Victorville Residential Care - Mojave Desert Air Basin, Summer

**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Medical Office Building	1941.16	0.0209	0.1903	0.1599	1.1400e-003		0.0145	0.0145		0.0145	0.0145		228.3713	228.3713	4.3800e-003	4.1900e-003	229.7284
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
<b>Total</b>		<b>0.0209</b>	<b>0.1903</b>	<b>0.1599</b>	<b>1.1400e-003</b>		<b>0.0145</b>	<b>0.0145</b>		<b>0.0145</b>	<b>0.0145</b>		<b>228.3713</b>	<b>228.3713</b>	<b>4.3800e-003</b>	<b>4.1900e-003</b>	<b>229.7284</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	lb/day										lb/day					
Medical Office Building	1.94116	0.0209	0.1903	0.1599	1.1400e-003		0.0145	0.0145		0.0145	0.0145		228.3713	228.3713	4.3800e-003	4.1900e-003	229.7284
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
<b>Total</b>		<b>0.0209</b>	<b>0.1903</b>	<b>0.1599</b>	<b>1.1400e-003</b>		<b>0.0145</b>	<b>0.0145</b>		<b>0.0145</b>	<b>0.0145</b>		<b>228.3713</b>	<b>228.3713</b>	<b>4.3800e-003</b>	<b>4.1900e-003</b>	<b>229.7284</b>

**6.0 Area Detail**

Chateau Resort Victorville Residential Care - Mojave Desert Air Basin, Summer

**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	5.9740	7.1000e-004	0.0774	1.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004		0.1655	0.1655	4.4000e-004		0.1765
Unmitigated	5.9740	7.1000e-004	0.0774	1.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004		0.1655	0.1655	4.4000e-004		0.1765

**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	1.4016					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	4.5651					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	7.1900e-003	7.1000e-004	0.0774	1.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004		0.1655	0.1655	4.4000e-004		0.1765
<b>Total</b>	<b>5.9740</b>	<b>7.1000e-004</b>	<b>0.0774</b>	<b>1.0000e-005</b>		<b>2.8000e-004</b>	<b>2.8000e-004</b>		<b>2.8000e-004</b>	<b>2.8000e-004</b>		<b>0.1655</b>	<b>0.1655</b>	<b>4.4000e-004</b>		<b>0.1765</b>

Chateau Resort Victorville Residential Care - Mojave Desert Air Basin, Summer

**6.2 Area by SubCategory**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.4016					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	4.5651					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	7.1900e-003	7.1000e-004	0.0774	1.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004		0.1655	0.1655	4.4000e-004		0.1765
<b>Total</b>	<b>5.9740</b>	<b>7.1000e-004</b>	<b>0.0774</b>	<b>1.0000e-005</b>		<b>2.8000e-004</b>	<b>2.8000e-004</b>		<b>2.8000e-004</b>	<b>2.8000e-004</b>		<b>0.1655</b>	<b>0.1655</b>	<b>4.4000e-004</b>		<b>0.1765</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

**8.0 Waste Detail**

**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

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

Fire Pumps and Emergency Generators

Chateau Resort Victorville Residential Care - Mojave Desert Air Basin, Summer

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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