

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

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

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

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

Utility Company

CO2 Intensity (lb/MW hr)	0	CH4 Intensity (lb/MW hr)	0	N2O Intensity (lb/MW hr)	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, Annual

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

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

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.0964	1.0339	0.6580	1.3200e-003	0.2300	0.0460	0.2760	0.1062	0.0424	0.1486	0.0000	117.0087	117.0087	0.0339	0.0000	117.8549
2021	0.4473	3.9939	3.6384	0.0112	0.4206	0.1297	0.5503	0.1142	0.1219	0.2361	0.0000	1,021.2157	1,021.2157	0.1215	0.0000	1,024.2535
2022	2.6449	0.6341	0.6865	1.8800e-003	0.0676	0.0222	0.0898	0.0183	0.0208	0.0391	0.0000	169.6284	169.6284	0.0229	0.0000	170.2012
Maximum	2.6449	3.9939	3.6384	0.0112	0.4206	0.1297	0.5503	0.1142	0.1219	0.2361	0.0000	1,021.2157	1,021.2157	0.1215	0.0000	1,024.2535

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.0964	1.0339	0.6580	1.3200e-003	0.1088	0.0460	0.1548	0.0492	0.0424	0.0916	0.0000	117.0086	117.0086	0.0339	0.0000	117.8548
2021	0.4473	3.9939	3.6384	0.0112	0.4206	0.1297	0.5503	0.1142	0.1219	0.2361	0.0000	1,021.2153	1,021.2153	0.1215	0.0000	1,024.2532
2022	2.6449	0.6341	0.6865	1.8800e-003	0.0676	0.0222	0.0898	0.0183	0.0208	0.0391	0.0000	169.6283	169.6283	0.0229	0.0000	170.2011
Maximum	2.6449	3.9939	3.6384	0.0112	0.4206	0.1297	0.5503	0.1142	0.1219	0.2361	0.0000	1,021.2153	1,021.2153	0.1215	0.0000	1,024.2532

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

	ROG	NOx	CO	SO2	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	16.88	0.00	13.23	23.87	0.00	13.45	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	10-31-2020	1-30-2021	1.4977	1.4977
2	1-31-2021	4-29-2021	1.0779	1.0779
3	4-30-2021	7-30-2021	1.1197	1.1197
4	7-31-2021	10-30-2021	1.1170	1.1170
5	10-31-2021	1-30-2022	1.0803	1.0803
6	1-31-2022	4-29-2022	2.2021	2.2021
7	4-30-2022	7-30-2022	0.7959	0.7959
		Highest	2.2021	2.2021

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

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	1.0896	6.0000e-005	6.9600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0135	0.0135	4.0000e-005	0.0000	0.0144
Energy	3.8200e-003	0.0347	0.0292	2.1000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	37.8094	37.8094	7.2000e-004	6.9000e-004	38.0341
Mobile	0.9299	8.8145	8.5845	0.0380	2.1926	0.0226	2.2152	0.5880	0.0212	0.6091	0.0000	3,530.5038	3,530.5038	0.3188	0.0000	3,538.4736
Waste						0.0000	0.0000		0.0000	0.0000	447.6458	0.0000	447.6458	26.4551	0.0000	1,109.0236
Water						0.0000	0.0000		0.0000	0.0000	8.1286	0.0000	8.1286	0.8349	0.0197	34.8755
Total	2.0233	8.8493	8.6206	0.0382	2.1926	0.0252	2.2178	0.5880	0.0238	0.6118	455.7745	3,568.3267	4,024.1012	27.6096	0.0204	4,720.4212

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

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	1.0896	6.0000e-005	6.9600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0135	0.0135	4.0000e-005	0.0000	0.0144
Energy	3.8200e-003	0.0347	0.0292	2.1000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	37.8094	37.8094	7.2000e-004	6.9000e-004	38.0341
Mobile	0.9299	8.8145	8.5845	0.0380	2.1926	0.0226	2.2152	0.5880	0.0212	0.6091	0.0000	3,530.5038	3,530.5038	0.3188	0.0000	3,538.4736
Waste						0.0000	0.0000		0.0000	0.0000	447.6458	0.0000	447.6458	26.4551	0.0000	1,109.0236
Water						0.0000	0.0000		0.0000	0.0000	8.1286	0.0000	8.1286	0.8349	0.0197	34.8755
Total	2.0233	8.8493	8.6206	0.0382	2.1926	0.0252	2.2178	0.5880	0.0238	0.6118	455.7745	3,568.3267	4,024.1012	27.6096	0.0204	4,720.4212

	ROG	NOx	CO	SO2	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

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

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, Annual

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, Annual

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	tons/yr										MT/yr					
Fugitive Dust					0.0903	0.0000	0.0903	0.0497	0.0000	0.0497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0204	0.2121	0.1076	1.9000e-004		0.0110	0.0110		0.0101	0.0101	0.0000	16.7153	16.7153	5.4100e-003	0.0000	16.8505
Total	0.0204	0.2121	0.1076	1.9000e-004	0.0903	0.0110	0.1013	0.0497	0.0101	0.0598	0.0000	16.7153	16.7153	5.4100e-003	0.0000	16.8505

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

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	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	3.8000e-004	3.0000e-004	2.8400e-003	1.0000e-005	7.3000e-004	0.0000	7.3000e-004	1.9000e-004	0.0000	2.0000e-004	0.0000	0.6275	0.6275	2.0000e-005	0.0000	0.6281
Total	3.8000e-004	3.0000e-004	2.8400e-003	1.0000e-005	7.3000e-004	0.0000	7.3000e-004	1.9000e-004	0.0000	2.0000e-004	0.0000	0.6275	0.6275	2.0000e-005	0.0000	0.6281

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					0.0407	0.0000	0.0407	0.0223	0.0000	0.0223	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0204	0.2121	0.1076	1.9000e-004		0.0110	0.0110		0.0101	0.0101	0.0000	16.7153	16.7153	5.4100e-003	0.0000	16.8505
Total	0.0204	0.2121	0.1076	1.9000e-004	0.0407	0.0110	0.0516	0.0223	0.0101	0.0325	0.0000	16.7153	16.7153	5.4100e-003	0.0000	16.8505

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

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	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	3.8000e-004	3.0000e-004	2.8400e-003	1.0000e-005	7.3000e-004	0.0000	7.3000e-004	1.9000e-004	0.0000	2.0000e-004	0.0000	0.6275	0.6275	2.0000e-005	0.0000	0.6281
Total	3.8000e-004	3.0000e-004	2.8400e-003	1.0000e-005	7.3000e-004	0.0000	7.3000e-004	1.9000e-004	0.0000	2.0000e-004	0.0000	0.6275	0.6275	2.0000e-005	0.0000	0.6281

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	tons/yr										MT/yr					
Fugitive Dust					0.1301	0.0000	0.1301	0.0540	0.0000	0.0540	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0668	0.7530	0.4794	9.3000e-004		0.0326	0.0326		0.0300	0.0300	0.0000	81.7264	81.7264	0.0264	0.0000	82.3872
Total	0.0668	0.7530	0.4794	9.3000e-004	0.1301	0.0326	0.1627	0.0540	0.0300	0.0840	0.0000	81.7264	81.7264	0.0264	0.0000	82.3872

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

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	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	1.2500e-003	1.0200e-003	9.4600e-003	2.0000e-005	2.4200e-003	2.0000e-005	2.4400e-003	6.4000e-004	2.0000e-005	6.6000e-004	0.0000	2.0918	2.0918	7.0000e-005	0.0000	2.0936
Total	1.2500e-003	1.0200e-003	9.4600e-003	2.0000e-005	2.4200e-003	2.0000e-005	2.4400e-003	6.4000e-004	2.0000e-005	6.6000e-004	0.0000	2.0918	2.0918	7.0000e-005	0.0000	2.0936

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					0.0586	0.0000	0.0586	0.0243	0.0000	0.0243	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0668	0.7530	0.4794	9.3000e-004		0.0326	0.0326		0.0300	0.0300	0.0000	81.7263	81.7263	0.0264	0.0000	82.3871
Total	0.0668	0.7530	0.4794	9.3000e-004	0.0586	0.0326	0.0912	0.0243	0.0300	0.0543	0.0000	81.7263	81.7263	0.0264	0.0000	82.3871

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

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	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	1.2500e-003	1.0200e-003	9.4600e-003	2.0000e-005	2.4200e-003	2.0000e-005	2.4400e-003	6.4000e-004	2.0000e-005	6.6000e-004	0.0000	2.0918	2.0918	7.0000e-005	0.0000	2.0936
Total	1.2500e-003	1.0200e-003	9.4600e-003	2.0000e-005	2.4200e-003	2.0000e-005	2.4400e-003	6.4000e-004	2.0000e-005	6.6000e-004	0.0000	2.0918	2.0918	7.0000e-005	0.0000	2.0936

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	tons/yr										MT/yr					
Off-Road	4.2400e-003	0.0384	0.0337	5.0000e-005		2.2300e-003	2.2300e-003		2.1000e-003	2.1000e-003	0.0000	4.6322	4.6322	1.1300e-003	0.0000	4.6605
Total	4.2400e-003	0.0384	0.0337	5.0000e-005		2.2300e-003	2.2300e-003		2.1000e-003	2.1000e-003	0.0000	4.6322	4.6322	1.1300e-003	0.0000	4.6605

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

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	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	8.8000e-004	0.0271	6.3200e-003	7.0000e-005	1.6600e-003	1.2000e-004	1.7800e-003	4.8000e-004	1.1000e-004	5.9000e-004	0.0000	7.0737	7.0737	6.5000e-004	0.0000	7.0899
Worker	2.4800e-003	2.0100e-003	0.0187	5.0000e-005	4.7900e-003	3.0000e-005	4.8200e-003	1.2700e-003	3.0000e-005	1.3000e-003	0.0000	4.1417	4.1417	1.4000e-004	0.0000	4.1452
Total	3.3600e-003	0.0291	0.0251	1.2000e-004	6.4500e-003	1.5000e-004	6.6000e-003	1.7500e-003	1.4000e-004	1.8900e-003	0.0000	11.2154	11.2154	7.9000e-004	0.0000	11.2351

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	4.2400e-003	0.0384	0.0337	5.0000e-005		2.2300e-003	2.2300e-003		2.1000e-003	2.1000e-003	0.0000	4.6322	4.6322	1.1300e-003	0.0000	4.6605
Total	4.2400e-003	0.0384	0.0337	5.0000e-005		2.2300e-003	2.2300e-003		2.1000e-003	2.1000e-003	0.0000	4.6322	4.6322	1.1300e-003	0.0000	4.6605

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

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	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	8.8000e-004	0.0271	6.3200e-003	7.0000e-005	1.6600e-003	1.2000e-004	1.7800e-003	4.8000e-004	1.1000e-004	5.9000e-004	0.0000	7.0737	7.0737	6.5000e-004	0.0000	7.0899
Worker	2.4800e-003	2.0100e-003	0.0187	5.0000e-005	4.7900e-003	3.0000e-005	4.8200e-003	1.2700e-003	3.0000e-005	1.3000e-003	0.0000	4.1417	4.1417	1.4000e-004	0.0000	4.1452
Total	3.3600e-003	0.0291	0.0251	1.2000e-004	6.4500e-003	1.5000e-004	6.6000e-003	1.7500e-003	1.4000e-004	1.8900e-003	0.0000	11.2154	11.2154	7.9000e-004	0.0000	11.2351

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	tons/yr										MT/yr					
Off-Road	0.2481	2.2749	2.1631	3.5100e-003		0.1251	0.1251		0.1176	0.1176	0.0000	302.2867	302.2867	0.0729	0.0000	304.1099
Total	0.2481	2.2749	2.1631	3.5100e-003		0.1251	0.1251		0.1176	0.1176	0.0000	302.2867	302.2867	0.0729	0.0000	304.1099

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

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	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	0.0493	1.6020	0.3610	4.8300e-003	0.1081	2.5200e-003	0.1106	0.0312	2.4100e-003	0.0336	0.0000	458.1254	458.1254	0.0404	0.0000	459.1343
Worker	0.1499	0.1171	1.1144	2.8900e-003	0.3125	2.0400e-003	0.3146	0.0830	1.8800e-003	0.0849	0.0000	260.8036	260.8036	8.2300e-003	0.0000	261.0093
Total	0.1993	1.7190	1.4753	7.7200e-003	0.4206	4.5600e-003	0.4252	0.1142	4.2900e-003	0.1185	0.0000	718.9290	718.9290	0.0486	0.0000	720.1437

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	0.2481	2.2749	2.1631	3.5100e-003		0.1251	0.1251		0.1176	0.1176	0.0000	302.2863	302.2863	0.0729	0.0000	304.1095
Total	0.2481	2.2749	2.1631	3.5100e-003		0.1251	0.1251		0.1176	0.1176	0.0000	302.2863	302.2863	0.0729	0.0000	304.1095

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

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	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	0.0493	1.6020	0.3610	4.8300e-003	0.1081	2.5200e-003	0.1106	0.0312	2.4100e-003	0.0336	0.0000	458.1254	458.1254	0.0404	0.0000	459.1343
Worker	0.1499	0.1171	1.1144	2.8900e-003	0.3125	2.0400e-003	0.3146	0.0830	1.8800e-003	0.0849	0.0000	260.8036	260.8036	8.2300e-003	0.0000	261.0093
Total	0.1993	1.7190	1.4753	7.7200e-003	0.4206	4.5600e-003	0.4252	0.1142	4.2900e-003	0.1185	0.0000	718.9290	718.9290	0.0486	0.0000	720.1437

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	tons/yr										MT/yr					
Off-Road	0.0299	0.2733	0.2864	4.7000e-004		0.0142	0.0142		0.0133	0.0133	0.0000	40.5519	40.5519	9.7200e-003	0.0000	40.7948
Total	0.0299	0.2733	0.2864	4.7000e-004		0.0142	0.0142		0.0133	0.0133	0.0000	40.5519	40.5519	9.7200e-003	0.0000	40.7948

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

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	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	6.1200e-003	0.2021	0.0440	6.4000e-004	0.0145	2.8000e-004	0.0148	4.1800e-003	2.6000e-004	4.4500e-003	0.0000	60.9651	60.9651	5.1200e-003	0.0000	61.0932
Worker	0.0187	0.0141	0.1359	3.7000e-004	0.0419	2.7000e-004	0.0422	0.0111	2.4000e-004	0.0114	0.0000	33.7126	33.7126	9.8000e-004	0.0000	33.7372
Total	0.0248	0.2162	0.1799	1.0100e-003	0.0564	5.5000e-004	0.0569	0.0153	5.0000e-004	0.0158	0.0000	94.6776	94.6776	6.1000e-003	0.0000	94.8303

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	0.0299	0.2733	0.2864	4.7000e-004		0.0142	0.0142		0.0133	0.0133	0.0000	40.5519	40.5519	9.7200e-003	0.0000	40.7948
Total	0.0299	0.2733	0.2864	4.7000e-004		0.0142	0.0142		0.0133	0.0133	0.0000	40.5519	40.5519	9.7200e-003	0.0000	40.7948

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

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	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	6.1200e-003	0.2021	0.0440	6.4000e-004	0.0145	2.8000e-004	0.0148	4.1800e-003	2.6000e-004	4.4500e-003	0.0000	60.9651	60.9651	5.1200e-003	0.0000	61.0932
Worker	0.0187	0.0141	0.1359	3.7000e-004	0.0419	2.7000e-004	0.0422	0.0111	2.4000e-004	0.0114	0.0000	33.7126	33.7126	9.8000e-004	0.0000	33.7372
Total	0.0248	0.2162	0.1799	1.0100e-003	0.0564	5.5000e-004	0.0569	0.0153	5.0000e-004	0.0158	0.0000	94.6776	94.6776	6.1000e-003	0.0000	94.8303

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	tons/yr										MT/yr					
Off-Road	0.0110	0.1113	0.1458	2.3000e-004		5.6800e-003	5.6800e-003		5.2200e-003	5.2200e-003	0.0000	20.0276	20.0276	6.4800e-003	0.0000	20.1895
Paving	0.0119					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0229	0.1113	0.1458	2.3000e-004		5.6800e-003	5.6800e-003		5.2200e-003	5.2200e-003	0.0000	20.0276	20.0276	6.4800e-003	0.0000	20.1895

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

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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4000e-004	4.1000e-004	3.9200e-003	1.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	0.9730	0.9730	3.0000e-005	0.0000	0.9737
Total	5.4000e-004	4.1000e-004	3.9200e-003	1.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	0.9730	0.9730	3.0000e-005	0.0000	0.9737

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	0.0110	0.1113	0.1458	2.3000e-004		5.6800e-003	5.6800e-003		5.2200e-003	5.2200e-003	0.0000	20.0275	20.0275	6.4800e-003	0.0000	20.1895
Paving	0.0119					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0229	0.1113	0.1458	2.3000e-004		5.6800e-003	5.6800e-003		5.2200e-003	5.2200e-003	0.0000	20.0275	20.0275	6.4800e-003	0.0000	20.1895

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

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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4000e-004	4.1000e-004	3.9200e-003	1.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	0.9730	0.9730	3.0000e-005	0.0000	0.9737
Total	5.4000e-004	4.1000e-004	3.9200e-003	1.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	0.9730	0.9730	3.0000e-005	0.0000	0.9737

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	tons/yr										MT/yr					
Archit. Coating	2.5580					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.3000e-003	0.0296	0.0381	6.0000e-005		1.7200e-003	1.7200e-003		1.7200e-003	1.7200e-003	0.0000	5.3618	5.3618	3.5000e-004	0.0000	5.3706
Total	2.5623	0.0296	0.0381	6.0000e-005		1.7200e-003	1.7200e-003		1.7200e-003	1.7200e-003	0.0000	5.3618	5.3618	3.5000e-004	0.0000	5.3706

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

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	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	4.4600e-003	3.3500e-003	0.0324	9.0000e-005	9.9900e-003	6.0000e-005	0.0101	2.6500e-003	6.0000e-005	2.7100e-003	0.0000	8.0365	8.0365	2.3000e-004	0.0000	8.0424
Total	4.4600e-003	3.3500e-003	0.0324	9.0000e-005	9.9900e-003	6.0000e-005	0.0101	2.6500e-003	6.0000e-005	2.7100e-003	0.0000	8.0365	8.0365	2.3000e-004	0.0000	8.0424

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	2.5580					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.3000e-003	0.0296	0.0381	6.0000e-005		1.7200e-003	1.7200e-003		1.7200e-003	1.7200e-003	0.0000	5.3618	5.3618	3.5000e-004	0.0000	5.3706
Total	2.5623	0.0296	0.0381	6.0000e-005		1.7200e-003	1.7200e-003		1.7200e-003	1.7200e-003	0.0000	5.3618	5.3618	3.5000e-004	0.0000	5.3706

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

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	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	4.4600e-003	3.3500e-003	0.0324	9.0000e-005	9.9900e-003	6.0000e-005	0.0101	2.6500e-003	6.0000e-005	2.7100e-003	0.0000	8.0365	8.0365	2.3000e-004	0.0000	8.0424
Total	4.4600e-003	3.3500e-003	0.0324	9.0000e-005	9.9900e-003	6.0000e-005	0.0101	2.6500e-003	6.0000e-005	2.7100e-003	0.0000	8.0365	8.0365	2.3000e-004	0.0000	8.0424

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

	ROG	NOx	CO	SO2	Fugitive 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	0.9299	8.8145	8.5845	0.0380	2.1926	0.0226	2.2152	0.5880	0.0212	0.6091	0.0000	3,530.5038	3,530.5038	0.3188	0.0000	3,538.4736
Unmitigated	0.9299	8.8145	8.5845	0.0380	2.1926	0.0226	2.2152	0.5880	0.0212	0.6091	0.0000	3,530.5038	3,530.5038	0.3188	0.0000	3,538.4736

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		
Total	2,928.08	2,928.08	2,928.08	5,730,993	5,730,993

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, Annual

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	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	3.8200e-003	0.0347	0.0292	2.1000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	37.8094	37.8094	7.2000e-004	6.9000e-004	38.0341
NaturalGas Unmitigated	3.8200e-003	0.0347	0.0292	2.1000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	37.8094	37.8094	7.2000e-004	6.9000e-004	38.0341

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

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					
Medical Office Building	708522	3.8200e-003	0.0347	0.0292	2.1000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	37.8094	37.8094	7.2000e-004	6.9000e-004	38.0341
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	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	0.0000
Total		3.8200e-003	0.0347	0.0292	2.1000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	37.8094	37.8094	7.2000e-004	6.9000e-004	38.0341

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					
Medical Office Building	708522	3.8200e-003	0.0347	0.0292	2.1000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	37.8094	37.8094	7.2000e-004	6.9000e-004	38.0341
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	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	0.0000
Total		3.8200e-003	0.0347	0.0292	2.1000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	37.8094	37.8094	7.2000e-004	6.9000e-004	38.0341

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

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Medical Office Building	1.94384e+006	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Medical Office Building	1.94384e+006	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

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

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.0896	6.0000e-005	6.9600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0135	0.0135	4.0000e-005	0.0000	0.0144
Unmitigated	1.0896	6.0000e-005	6.9600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0135	0.0135	4.0000e-005	0.0000	0.0144

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	0.2558					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.8331					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	6.5000e-004	6.0000e-005	6.9600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0135	0.0135	4.0000e-005	0.0000	0.0144
Total	1.0896	6.0000e-005	6.9600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0135	0.0135	4.0000e-005	0.0000	0.0144

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

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	0.2558					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.8331					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	6.5000e-004	6.0000e-005	6.9600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0135	0.0135	4.0000e-005	0.0000	0.0144
Total	1.0896	6.0000e-005	6.9600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0135	0.0135	4.0000e-005	0.0000	0.0144

7.0 Water Detail

7.1 Mitigation Measures Water

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

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	8.1286	0.8349	0.0197	34.8755
Unmitigated	8.1286	0.8349	0.0197	34.8755

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Medical Office Building	25.6219 / 4.88036	8.1286	0.8349	0.0197	34.8755
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		8.1286	0.8349	0.0197	34.8755

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

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Medical Office Building	25.6219 / 4.88036	8.1286	0.8349	0.0197	34.8755
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		8.1286	0.8349	0.0197	34.8755

8.0 Waste Detail

8.1 Mitigation Measures Waste

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

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	447.6458	26.4551	0.0000	1,109.0236
Unmitigated	447.6458	26.4551	0.0000	1,109.0236

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Medical Office Building	2205.25	447.6458	26.4551	0.0000	1,109.0236
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		447.6458	26.4551	0.0000	1,109.0236

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

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Medical Office Building	2205.25	447.6458	26.4551	0.0000	1,109.0236
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		447.6458	26.4551	0.0000	1,109.0236

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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Chateau Resort Victorville Residential Care - Mojave Desert Air Basin, Annual

11.0 Vegetation
