

Jessup, Rancho Mirage - Salton Sea Air Basin, Annual

**Jessup, Rancho Mirage**  
**Salton Sea Air Basin, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Automobile Care Center	70.00	1000sqft	1.61	70,000.00	0
General Office Building	58.00	1000sqft	1.33	58,000.00	0
Parking Lot	12.00	Acre	12.00	522,720.00	0
Other Non-Asphalt Surfaces	1.00	Acre	1.00	43,560.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	3.4	<b>Precipitation Freq (Days)</b>	20
<b>Climate Zone</b>	15			<b>Operational Year</b>	2022
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MW hr)</b>	702.44	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

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

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## Project Characteristics -

## Land Use -

Construction Phase - Construction period from June 2021 to June 2022. Assumes multiple construction phases will overlap as the property build outs.

Off-road Equipment - Grading period will include cut, fill, stripping and export of materials.

Grading - Cut = 24,519 CY; Fill = 24,619 CY requiring 100 CY import. Stripping will result in 16,813 CY of export.

On-road Fugitive Dust - All roadways in the project area, including site access, are paved.

Vehicle Trips - Trip rates adjusted per project specific Traffic Study. Assumes 2,490 daily trips at project buildout.

Road Dust - All roads in the project area are paved and there are no off-highway mobile trips associated with this project.

Construction Off-road Equipment Mitigation - Use of soil stabilizers and frequent watering of exposed areas per standard dust control requirement (SCAQMD Rule 403.1)

## Off-road Equipment -

## Off-road Equipment -

Off-road Equipment - Architectural coatings will be used for interior/exterior building structures as well as painting/stripping of the parking lots.

Area Mitigation - Use of low VOC paint for parking lot, maximum 125 g/l.

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblAreaMitigation	UseLowVOCPaintParkingValue	150	125
tblConstructionPhase	NumDays	10.00	20.00
tblConstructionPhase	NumDays	30.00	60.00
tblConstructionPhase	NumDays	300.00	150.00
tblConstructionPhase	NumDays	20.00	151.00
tblConstructionPhase	NumDays	20.00	153.00
tblGrading	AcresOfGrading	150.00	16.00
tblGrading	MaterialExported	0.00	16,813.00
tblGrading	MaterialImported	0.00	100.00
tblOffRoadEquipment	OffRoadEquipmentType		Other Construction Equipment
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00

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tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblRoadDust	RoadPercentPave	50	100
tblVehicleTrips	ST_TR	23.72	14.00
tblVehicleTrips	ST_TR	2.46	26.00
tblVehicleTrips	SU_TR	11.88	14.00
tblVehicleTrips	SU_TR	1.05	26.00
tblVehicleTrips	WD_TR	23.72	14.00
tblVehicleTrips	WD_TR	11.03	26.00

**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	6-1-2021	8-31-2021	1.7810	1.7810
2	9-1-2021	11-30-2021	1.7680	1.7680
3	12-1-2021	2-28-2022	2.0459	2.0459
4	3-1-2022	5-31-2022	1.4489	1.4489
5	6-1-2022	8-31-2022	0.0071	0.0071
		Highest	2.0459	2.0459

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	0.6374	1.0000e-005	1.3000e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5200e-003	2.5200e-003	1.0000e-005	0.0000	2.6900e-003
Energy	0.0134	0.1214	0.1019	7.3000e-004		9.2200e-003	9.2200e-003		9.2200e-003	9.2200e-003	0.0000	592.7083	592.7083	0.0216	6.3600e-003	595.1411
Mobile	0.8585	7.7705	7.5901	0.0293	1.5836	0.0182	1.6019	0.4254	0.0172	0.4426	0.0000	2,727.7399	2,727.7399	0.2243	0.0000	2,733.3479
Waste						0.0000	0.0000		0.0000	0.0000	65.2291	0.0000	65.2291	3.8549	0.0000	161.6024
Water						0.0000	0.0000		0.0000	0.0000	5.3598	106.7441	112.1039	0.5549	0.0139	130.1218
<b>Total</b>	<b>1.5093</b>	<b>7.8919</b>	<b>7.6934</b>	<b>0.0300</b>	<b>1.5836</b>	<b>0.0275</b>	<b>1.6111</b>	<b>0.4254</b>	<b>0.0264</b>	<b>0.4518</b>	<b>70.5889</b>	<b>3,427.1948</b>	<b>3,497.7837</b>	<b>4.6557</b>	<b>0.0203</b>	<b>3,620.2159</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	0.6355	1.0000e-005	1.3000e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5200e-003	2.5200e-003	1.0000e-005	0.0000	2.6900e-003
Energy	0.0134	0.1214	0.1019	7.3000e-004		9.2200e-003	9.2200e-003		9.2200e-003	9.2200e-003	0.0000	592.7083	592.7083	0.0216	6.3600e-003	595.1411
Mobile	0.8585	7.7705	7.5901	0.0293	1.5836	0.0182	1.6019	0.4254	0.0172	0.4426	0.0000	2,727.7399	2,727.7399	0.2243	0.0000	2,733.3479
Waste						0.0000	0.0000		0.0000	0.0000	65.2291	0.0000	65.2291	3.8549	0.0000	161.6024
Water						0.0000	0.0000		0.0000	0.0000	5.3598	106.7441	112.1039	0.5549	0.0139	130.1218
<b>Total</b>	<b>1.5073</b>	<b>7.8919</b>	<b>7.6934</b>	<b>0.0300</b>	<b>1.5836</b>	<b>0.0275</b>	<b>1.6111</b>	<b>0.4254</b>	<b>0.0264</b>	<b>0.4518</b>	<b>70.5889</b>	<b>3,427.1948</b>	<b>3,497.7837</b>	<b>4.6557</b>	<b>0.0203</b>	<b>3,620.2159</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
Percent Reduction	0.13	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**

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	6/1/2021	6/28/2021	5	20	
2	Grading	Grading	6/29/2021	9/20/2021	5	60	
3	Building Construction	Building Construction	9/21/2021	4/18/2022	5	150	
4	Paving	Paving	10/1/2021	5/1/2022	5	151	
5	Architectural Coating	Architectural Coating	11/1/2021	6/1/2022	5	153	

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

**Acres of Grading (Grading Phase): 16**

**Acres of Paving: 13**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 192,000; Non-Residential Outdoor: 64,000; Striped Parking Area: 33,977 (Architectural Coating – sqft)**

**OffRoad Equipment**

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	2	6.00	78	0.48
Architectural Coating	Other Construction Equipment	1	6.00	172	0.42
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	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	2,102.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	279.00	114.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	3	56.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT



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**3.1 Mitigation Measures Construction**

Use Soil Stabilizer

Water Exposed Area

**3.2 Site Preparation - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1807	0.0000	0.1807	0.0993	0.0000	0.0993	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0389	0.4050	0.2115	3.8000e-004		0.0204	0.0204		0.0188	0.0188	0.0000	33.4357	33.4357	0.0108	0.0000	33.7061
<b>Total</b>	<b>0.0389</b>	<b>0.4050</b>	<b>0.2115</b>	<b>3.8000e-004</b>	<b>0.1807</b>	<b>0.0204</b>	<b>0.2011</b>	<b>0.0993</b>	<b>0.0188</b>	<b>0.1181</b>	<b>0.0000</b>	<b>33.4357</b>	<b>33.4357</b>	<b>0.0108</b>	<b>0.0000</b>	<b>33.7061</b>

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**3.2 Site Preparation - 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	0.0000	0.0000	0.0000	0.0000	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	8.5000e-004	6.1000e-004	6.2300e-003	1.0000e-005	1.4900e-003	1.0000e-005	1.5000e-003	4.0000e-004	1.0000e-005	4.0000e-004	0.0000	1.2282	1.2282	5.0000e-005	0.0000	1.2295
<b>Total</b>	<b>8.5000e-004</b>	<b>6.1000e-004</b>	<b>6.2300e-003</b>	<b>1.0000e-005</b>	<b>1.4900e-003</b>	<b>1.0000e-005</b>	<b>1.5000e-003</b>	<b>4.0000e-004</b>	<b>1.0000e-005</b>	<b>4.0000e-004</b>	<b>0.0000</b>	<b>1.2282</b>	<b>1.2282</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>1.2295</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					0.0705	0.0000	0.0705	0.0387	0.0000	0.0387	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0389	0.4050	0.2115	3.8000e-004		0.0204	0.0204		0.0188	0.0188	0.0000	33.4357	33.4357	0.0108	0.0000	33.7060
<b>Total</b>	<b>0.0389</b>	<b>0.4050</b>	<b>0.2115</b>	<b>3.8000e-004</b>	<b>0.0705</b>	<b>0.0204</b>	<b>0.0909</b>	<b>0.0387</b>	<b>0.0188</b>	<b>0.0575</b>	<b>0.0000</b>	<b>33.4357</b>	<b>33.4357</b>	<b>0.0108</b>	<b>0.0000</b>	<b>33.7060</b>

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**3.2 Site Preparation - 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	0.0000	0.0000	0.0000	0.0000	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	8.5000e-004	6.1000e-004	6.2300e-003	1.0000e-005	1.4900e-003	1.0000e-005	1.5000e-003	4.0000e-004	1.0000e-005	4.0000e-004	0.0000	1.2282	1.2282	5.0000e-005	0.0000	1.2295
<b>Total</b>	<b>8.5000e-004</b>	<b>6.1000e-004</b>	<b>6.2300e-003</b>	<b>1.0000e-005</b>	<b>1.4900e-003</b>	<b>1.0000e-005</b>	<b>1.5000e-003</b>	<b>4.0000e-004</b>	<b>1.0000e-005</b>	<b>4.0000e-004</b>	<b>0.0000</b>	<b>1.2282</b>	<b>1.2282</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>1.2295</b>

**3.3 Grading - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1908	0.0000	0.1908	0.1005	0.0000	0.1005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1257	1.3920	0.9264	1.8600e-003		0.0596	0.0596		0.0548	0.0548	0.0000	163.4849	163.4849	0.0529	0.0000	164.8068
<b>Total</b>	<b>0.1257</b>	<b>1.3920</b>	<b>0.9264</b>	<b>1.8600e-003</b>	<b>0.1908</b>	<b>0.0596</b>	<b>0.2504</b>	<b>0.1005</b>	<b>0.0548</b>	<b>0.1553</b>	<b>0.0000</b>	<b>163.4849</b>	<b>163.4849</b>	<b>0.0529</b>	<b>0.0000</b>	<b>164.8068</b>

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**3.3 Grading - 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	5.4300e-003	0.2298	0.0318	8.1000e-004	0.0182	6.8000e-004	0.0189	5.0100e-003	6.5000e-004	5.6600e-003	0.0000	76.8479	76.8479	3.8200e-003	0.0000	76.9433
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8400e-003	2.0500e-003	0.0208	5.0000e-005	4.9600e-003	3.0000e-005	4.9900e-003	1.3200e-003	3.0000e-005	1.3500e-003	0.0000	4.0940	4.0940	1.7000e-004	0.0000	4.0982
<b>Total</b>	<b>8.2700e-003</b>	<b>0.2319</b>	<b>0.0526</b>	<b>8.6000e-004</b>	<b>0.0232</b>	<b>7.1000e-004</b>	<b>0.0239</b>	<b>6.3300e-003</b>	<b>6.8000e-004</b>	<b>7.0100e-003</b>	<b>0.0000</b>	<b>80.9419</b>	<b>80.9419</b>	<b>3.9900e-003</b>	<b>0.0000</b>	<b>81.0415</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					0.0744	0.0000	0.0744	0.0392	0.0000	0.0392	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1257	1.3920	0.9264	1.8600e-003		0.0596	0.0596		0.0548	0.0548	0.0000	163.4848	163.4848	0.0529	0.0000	164.8066
<b>Total</b>	<b>0.1257</b>	<b>1.3920</b>	<b>0.9264</b>	<b>1.8600e-003</b>	<b>0.0744</b>	<b>0.0596</b>	<b>0.1340</b>	<b>0.0392</b>	<b>0.0548</b>	<b>0.0940</b>	<b>0.0000</b>	<b>163.4848</b>	<b>163.4848</b>	<b>0.0529</b>	<b>0.0000</b>	<b>164.8066</b>

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**3.3 Grading - 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	5.4300e-003	0.2298	0.0318	8.1000e-004	0.0182	6.8000e-004	0.0189	5.0100e-003	6.5000e-004	5.6600e-003	0.0000	76.8479	76.8479	3.8200e-003	0.0000	76.9433
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8400e-003	2.0500e-003	0.0208	5.0000e-005	4.9600e-003	3.0000e-005	4.9900e-003	1.3200e-003	3.0000e-005	1.3500e-003	0.0000	4.0940	4.0940	1.7000e-004	0.0000	4.0982
<b>Total</b>	<b>8.2700e-003</b>	<b>0.2319</b>	<b>0.0526</b>	<b>8.6000e-004</b>	<b>0.0232</b>	<b>7.1000e-004</b>	<b>0.0239</b>	<b>6.3300e-003</b>	<b>6.8000e-004</b>	<b>7.0100e-003</b>	<b>0.0000</b>	<b>80.9419</b>	<b>80.9419</b>	<b>3.9900e-003</b>	<b>0.0000</b>	<b>81.0415</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	tons/yr										MT/yr					
Off-Road	0.0703	0.6450	0.6133	1.0000e-003		0.0355	0.0355		0.0334	0.0334	0.0000	85.7058	85.7058	0.0207	0.0000	86.2227
<b>Total</b>	<b>0.0703</b>	<b>0.6450</b>	<b>0.6133</b>	<b>1.0000e-003</b>		<b>0.0355</b>	<b>0.0355</b>		<b>0.0334</b>	<b>0.0334</b>	<b>0.0000</b>	<b>85.7058</b>	<b>85.7058</b>	<b>0.0207</b>	<b>0.0000</b>	<b>86.2227</b>

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**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	0.0117	0.3774	0.0904	9.6000e-004	0.0210	6.8000e-004	0.0217	6.0500e-003	6.5000e-004	6.7000e-003	0.0000	91.5601	91.5601	7.5200e-003	0.0000	91.7482
Worker	0.0488	0.0353	0.3571	7.8000e-004	0.0853	5.3000e-004	0.0859	0.0227	4.9000e-004	0.0232	0.0000	70.4376	70.4376	2.8700e-003	0.0000	70.5095
<b>Total</b>	<b>0.0605</b>	<b>0.4127</b>	<b>0.4474</b>	<b>1.7400e-003</b>	<b>0.1063</b>	<b>1.2100e-003</b>	<b>0.1075</b>	<b>0.0287</b>	<b>1.1400e-003</b>	<b>0.0299</b>	<b>0.0000</b>	<b>161.9977</b>	<b>161.9977</b>	<b>0.0104</b>	<b>0.0000</b>	<b>162.2576</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	0.0703	0.6450	0.6133	1.0000e-003		0.0355	0.0355		0.0334	0.0334	0.0000	85.7057	85.7057	0.0207	0.0000	86.2226
<b>Total</b>	<b>0.0703</b>	<b>0.6450</b>	<b>0.6133</b>	<b>1.0000e-003</b>		<b>0.0355</b>	<b>0.0355</b>		<b>0.0334</b>	<b>0.0334</b>	<b>0.0000</b>	<b>85.7057</b>	<b>85.7057</b>	<b>0.0207</b>	<b>0.0000</b>	<b>86.2226</b>

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**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	0.0117	0.3774	0.0904	9.6000e-004	0.0210	6.8000e-004	0.0217	6.0500e-003	6.5000e-004	6.7000e-003	0.0000	91.5601	91.5601	7.5200e-003	0.0000	91.7482
Worker	0.0488	0.0353	0.3571	7.8000e-004	0.0853	5.3000e-004	0.0859	0.0227	4.9000e-004	0.0232	0.0000	70.4376	70.4376	2.8700e-003	0.0000	70.5095
<b>Total</b>	<b>0.0605</b>	<b>0.4127</b>	<b>0.4474</b>	<b>1.7400e-003</b>	<b>0.1063</b>	<b>1.2100e-003</b>	<b>0.1075</b>	<b>0.0287</b>	<b>1.1400e-003</b>	<b>0.0299</b>	<b>0.0000</b>	<b>161.9977</b>	<b>161.9977</b>	<b>0.0104</b>	<b>0.0000</b>	<b>162.2576</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	tons/yr										MT/yr					
Off-Road	0.0648	0.5934	0.6218	1.0200e-003		0.0307	0.0307		0.0289	0.0289	0.0000	88.0556	88.0556	0.0211	0.0000	88.5830
<b>Total</b>	<b>0.0648</b>	<b>0.5934</b>	<b>0.6218</b>	<b>1.0200e-003</b>		<b>0.0307</b>	<b>0.0307</b>		<b>0.0289</b>	<b>0.0289</b>	<b>0.0000</b>	<b>88.0556</b>	<b>88.0556</b>	<b>0.0211</b>	<b>0.0000</b>	<b>88.5830</b>

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**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	0.0112	0.3668	0.0856	9.8000e-004	0.0215	5.9000e-004	0.0221	6.2200e-003	5.6000e-004	6.7800e-003	0.0000	93.2437	93.2437	7.1800e-003	0.0000	93.4231
Worker	0.0468	0.0330	0.3374	7.7000e-004	0.0877	5.3000e-004	0.0882	0.0233	4.9000e-004	0.0238	0.0000	69.6929	69.6929	2.6900e-003	0.0000	69.7602
<b>Total</b>	<b>0.0580</b>	<b>0.3997</b>	<b>0.4230</b>	<b>1.7500e-003</b>	<b>0.1092</b>	<b>1.1200e-003</b>	<b>0.1103</b>	<b>0.0295</b>	<b>1.0500e-003</b>	<b>0.0305</b>	<b>0.0000</b>	<b>162.9366</b>	<b>162.9366</b>	<b>9.8700e-003</b>	<b>0.0000</b>	<b>163.1833</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	0.0648	0.5934	0.6218	1.0200e-003		0.0307	0.0307		0.0289	0.0289	0.0000	88.0555	88.0555	0.0211	0.0000	88.5829
<b>Total</b>	<b>0.0648</b>	<b>0.5934</b>	<b>0.6218</b>	<b>1.0200e-003</b>		<b>0.0307</b>	<b>0.0307</b>		<b>0.0289</b>	<b>0.0289</b>	<b>0.0000</b>	<b>88.0555</b>	<b>88.0555</b>	<b>0.0211</b>	<b>0.0000</b>	<b>88.5829</b>



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**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	0.0112	0.3668	0.0856	9.8000e-004	0.0215	5.9000e-004	0.0221	6.2200e-003	5.6000e-004	6.7800e-003	0.0000	93.2437	93.2437	7.1800e-003	0.0000	93.4231
Worker	0.0468	0.0330	0.3374	7.7000e-004	0.0877	5.3000e-004	0.0882	0.0233	4.9000e-004	0.0238	0.0000	69.6929	69.6929	2.6900e-003	0.0000	69.7602
<b>Total</b>	<b>0.0580</b>	<b>0.3997</b>	<b>0.4230</b>	<b>1.7500e-003</b>	<b>0.1092</b>	<b>1.1200e-003</b>	<b>0.1103</b>	<b>0.0295</b>	<b>1.0500e-003</b>	<b>0.0305</b>	<b>0.0000</b>	<b>162.9366</b>	<b>162.9366</b>	<b>9.8700e-003</b>	<b>0.0000</b>	<b>163.1833</b>

**3.5 Paving - 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	0.0414	0.4263	0.4836	7.5000e-004		0.0224	0.0224		0.0206	0.0206	0.0000	66.0775	66.0775	0.0214	0.0000	66.6118
Paving	6.8700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0483</b>	<b>0.4263</b>	<b>0.4836</b>	<b>7.5000e-004</b>		<b>0.0224</b>	<b>0.0224</b>		<b>0.0206</b>	<b>0.0206</b>	<b>0.0000</b>	<b>66.0775</b>	<b>66.0775</b>	<b>0.0214</b>	<b>0.0000</b>	<b>66.6118</b>

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**3.5 Paving - 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3400e-003	1.6900e-003	0.0171	4.0000e-005	4.0900e-003	3.0000e-005	4.1200e-003	1.0900e-003	2.0000e-005	1.1100e-003	0.0000	3.3776	3.3776	1.4000e-004	0.0000	3.3810
<b>Total</b>	<b>2.3400e-003</b>	<b>1.6900e-003</b>	<b>0.0171</b>	<b>4.0000e-005</b>	<b>4.0900e-003</b>	<b>3.0000e-005</b>	<b>4.1200e-003</b>	<b>1.0900e-003</b>	<b>2.0000e-005</b>	<b>1.1100e-003</b>	<b>0.0000</b>	<b>3.3776</b>	<b>3.3776</b>	<b>1.4000e-004</b>	<b>0.0000</b>	<b>3.3810</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	0.0414	0.4263	0.4836	7.5000e-004		0.0224	0.0224		0.0206	0.0206	0.0000	66.0774	66.0774	0.0214	0.0000	66.6117
Paving	6.8700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0483</b>	<b>0.4263</b>	<b>0.4836</b>	<b>7.5000e-004</b>		<b>0.0224</b>	<b>0.0224</b>		<b>0.0206</b>	<b>0.0206</b>	<b>0.0000</b>	<b>66.0774</b>	<b>66.0774</b>	<b>0.0214</b>	<b>0.0000</b>	<b>66.6117</b>

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**3.5 Paving - 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3400e-003	1.6900e-003	0.0171	4.0000e-005	4.0900e-003	3.0000e-005	4.1200e-003	1.0900e-003	2.0000e-005	1.1100e-003	0.0000	3.3776	3.3776	1.4000e-004	0.0000	3.3810
<b>Total</b>	<b>2.3400e-003</b>	<b>1.6900e-003</b>	<b>0.0171</b>	<b>4.0000e-005</b>	<b>4.0900e-003</b>	<b>3.0000e-005</b>	<b>4.1200e-003</b>	<b>1.0900e-003</b>	<b>2.0000e-005</b>	<b>1.1100e-003</b>	<b>0.0000</b>	<b>3.3776</b>	<b>3.3776</b>	<b>1.4000e-004</b>	<b>0.0000</b>	<b>3.3810</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	tons/yr										MT/yr					
Off-Road	0.0469	0.4728	0.6197	9.7000e-004		0.0241	0.0241		0.0222	0.0222	0.0000	85.1171	85.1171	0.0275	0.0000	85.8053
Paving	8.8500e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0557</b>	<b>0.4728</b>	<b>0.6197</b>	<b>9.7000e-004</b>		<b>0.0241</b>	<b>0.0241</b>		<b>0.0222</b>	<b>0.0222</b>	<b>0.0000</b>	<b>85.1171</b>	<b>85.1171</b>	<b>0.0275</b>	<b>0.0000</b>	<b>85.8053</b>

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**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	2.8200e-003	1.9800e-003	0.0203	5.0000e-005	5.2700e-003	3.0000e-005	5.3000e-003	1.4000e-003	3.0000e-005	1.4300e-003	0.0000	4.1907	4.1907	1.6000e-004	0.0000	4.1947
<b>Total</b>	<b>2.8200e-003</b>	<b>1.9800e-003</b>	<b>0.0203</b>	<b>5.0000e-005</b>	<b>5.2700e-003</b>	<b>3.0000e-005</b>	<b>5.3000e-003</b>	<b>1.4000e-003</b>	<b>3.0000e-005</b>	<b>1.4300e-003</b>	<b>0.0000</b>	<b>4.1907</b>	<b>4.1907</b>	<b>1.6000e-004</b>	<b>0.0000</b>	<b>4.1947</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	0.0469	0.4728	0.6197	9.7000e-004		0.0241	0.0241		0.0222	0.0222	0.0000	85.1170	85.1170	0.0275	0.0000	85.8052
Paving	8.8500e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0557</b>	<b>0.4728</b>	<b>0.6197</b>	<b>9.7000e-004</b>		<b>0.0241</b>	<b>0.0241</b>		<b>0.0222</b>	<b>0.0222</b>	<b>0.0000</b>	<b>85.1170</b>	<b>85.1170</b>	<b>0.0275</b>	<b>0.0000</b>	<b>85.8052</b>

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**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	2.8200e-003	1.9800e-003	0.0203	5.0000e-005	5.2700e-003	3.0000e-005	5.3000e-003	1.4000e-003	3.0000e-005	1.4300e-003	0.0000	4.1907	4.1907	1.6000e-004	0.0000	4.1947
<b>Total</b>	<b>2.8200e-003</b>	<b>1.9800e-003</b>	<b>0.0203</b>	<b>5.0000e-005</b>	<b>5.2700e-003</b>	<b>3.0000e-005</b>	<b>5.3000e-003</b>	<b>1.4000e-003</b>	<b>3.0000e-005</b>	<b>1.4300e-003</b>	<b>0.0000</b>	<b>4.1907</b>	<b>4.1907</b>	<b>1.6000e-004</b>	<b>0.0000</b>	<b>4.1947</b>

**3.6 Architectural Coating - 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					
Archit. Coating	0.2965					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0169	0.1426	0.1502	2.4000e-004		8.1000e-003	8.1000e-003		7.7900e-003	7.7900e-003	0.0000	20.6523	20.6523	3.7500e-003	0.0000	20.7461
<b>Total</b>	<b>0.3134</b>	<b>0.1426</b>	<b>0.1502</b>	<b>2.4000e-004</b>		<b>8.1000e-003</b>	<b>8.1000e-003</b>		<b>7.7900e-003</b>	<b>7.7900e-003</b>	<b>0.0000</b>	<b>20.6523</b>	<b>20.6523</b>	<b>3.7500e-003</b>	<b>0.0000</b>	<b>20.7461</b>

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**3.6 Architectural Coating - 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	0.0000	0.0000	0.0000	0.0000	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	5.9500e-003	4.3000e-003	0.0436	1.0000e-004	0.0104	6.0000e-005	0.0105	2.7700e-003	6.0000e-005	2.8300e-003	0.0000	8.5974	8.5974	3.5000e-004	0.0000	8.6062
<b>Total</b>	<b>5.9500e-003</b>	<b>4.3000e-003</b>	<b>0.0436</b>	<b>1.0000e-004</b>	<b>0.0104</b>	<b>6.0000e-005</b>	<b>0.0105</b>	<b>2.7700e-003</b>	<b>6.0000e-005</b>	<b>2.8300e-003</b>	<b>0.0000</b>	<b>8.5974</b>	<b>8.5974</b>	<b>3.5000e-004</b>	<b>0.0000</b>	<b>8.6062</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	0.2965					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0169	0.1426	0.1502	2.4000e-004		8.1000e-003	8.1000e-003		7.7900e-003	7.7900e-003	0.0000	20.6523	20.6523	3.7500e-003	0.0000	20.7461
<b>Total</b>	<b>0.3134</b>	<b>0.1426</b>	<b>0.1502</b>	<b>2.4000e-004</b>		<b>8.1000e-003</b>	<b>8.1000e-003</b>		<b>7.7900e-003</b>	<b>7.7900e-003</b>	<b>0.0000</b>	<b>20.6523</b>	<b>20.6523</b>	<b>3.7500e-003</b>	<b>0.0000</b>	<b>20.7461</b>

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**3.6 Architectural Coating - 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	0.0000	0.0000	0.0000	0.0000	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	5.9500e-003	4.3000e-003	0.0436	1.0000e-004	0.0104	6.0000e-005	0.0105	2.7700e-003	6.0000e-005	2.8300e-003	0.0000	8.5974	8.5974	3.5000e-004	0.0000	8.6062
<b>Total</b>	<b>5.9500e-003</b>	<b>4.3000e-003</b>	<b>0.0436</b>	<b>1.0000e-004</b>	<b>0.0104</b>	<b>6.0000e-005</b>	<b>0.0105</b>	<b>2.7700e-003</b>	<b>6.0000e-005</b>	<b>2.8300e-003</b>	<b>0.0000</b>	<b>8.5974</b>	<b>8.5974</b>	<b>3.5000e-004</b>	<b>0.0000</b>	<b>8.6062</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	tons/yr										MT/yr					
Archit. Coating	0.7116					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0373	0.3066	0.3587	5.7000e-004		0.0169	0.0169		0.0162	0.0162	0.0000	49.5584	49.5584	8.9100e-003	0.0000	49.7811
<b>Total</b>	<b>0.7489</b>	<b>0.3066</b>	<b>0.3587</b>	<b>5.7000e-004</b>		<b>0.0169</b>	<b>0.0169</b>		<b>0.0162</b>	<b>0.0162</b>	<b>0.0000</b>	<b>49.5584</b>	<b>49.5584</b>	<b>8.9100e-003</b>	<b>0.0000</b>	<b>49.7811</b>

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**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	0.0134	9.4100e-003	0.0962	2.2000e-004	0.0250	1.5000e-004	0.0252	6.6400e-003	1.4000e-004	6.7800e-003	0.0000	19.8785	19.8785	7.7000e-004	0.0000	19.8976
<b>Total</b>	<b>0.0134</b>	<b>9.4100e-003</b>	<b>0.0962</b>	<b>2.2000e-004</b>	<b>0.0250</b>	<b>1.5000e-004</b>	<b>0.0252</b>	<b>6.6400e-003</b>	<b>1.4000e-004</b>	<b>6.7800e-003</b>	<b>0.0000</b>	<b>19.8785</b>	<b>19.8785</b>	<b>7.7000e-004</b>	<b>0.0000</b>	<b>19.8976</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	0.7116					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0373	0.3066	0.3587	5.7000e-004		0.0169	0.0169		0.0162	0.0162	0.0000	49.5584	49.5584	8.9100e-003	0.0000	49.7810
<b>Total</b>	<b>0.7489</b>	<b>0.3066</b>	<b>0.3587</b>	<b>5.7000e-004</b>		<b>0.0169</b>	<b>0.0169</b>		<b>0.0162</b>	<b>0.0162</b>	<b>0.0000</b>	<b>49.5584</b>	<b>49.5584</b>	<b>8.9100e-003</b>	<b>0.0000</b>	<b>49.7810</b>



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**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	0.0134	9.4100e-003	0.0962	2.2000e-004	0.0250	1.5000e-004	0.0252	6.6400e-003	1.4000e-004	6.7800e-003	0.0000	19.8785	19.8785	7.7000e-004	0.0000	19.8976
<b>Total</b>	<b>0.0134</b>	<b>9.4100e-003</b>	<b>0.0962</b>	<b>2.2000e-004</b>	<b>0.0250</b>	<b>1.5000e-004</b>	<b>0.0252</b>	<b>6.6400e-003</b>	<b>1.4000e-004</b>	<b>6.7800e-003</b>	<b>0.0000</b>	<b>19.8785</b>	<b>19.8785</b>	<b>7.7000e-004</b>	<b>0.0000</b>	<b>19.8976</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.8585	7.7705	7.5901	0.0293	1.5836	0.0182	1.6019	0.4254	0.0172	0.4426	0.0000	2,727.7399	2,727.7399	0.2243	0.0000	2,733.3479
Unmitigated	0.8585	7.7705	7.5901	0.0293	1.5836	0.0182	1.6019	0.4254	0.0172	0.4426	0.0000	2,727.7399	2,727.7399	0.2243	0.0000	2,733.3479

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Automobile Care Center	980.00	980.00	980.00	872,845	872,845
General Office Building	1,508.00	1,508.00	1508.00	3,218,283	3,218,283
Parking Lot	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
<b>Total</b>	<b>2,488.00</b>	<b>2,488.00</b>	<b>2,488.00</b>	<b>4,091,128</b>	<b>4,091,128</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
Automobile Care Center	12.50	4.20	5.40	33.00	48.00	19.00	21	51	28
General Office Building	12.50	4.20	5.40	33.00	48.00	19.00	77	19	4
Parking Lot	12.50	4.20	5.40	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	12.50	4.20	5.40	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

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Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Automobile Care Center	0.490441	0.036099	0.183975	0.121725	0.015214	0.005252	0.022424	0.112230	0.002972	0.001873	0.006187	0.000783	0.000825
General Office Building	0.490441	0.036099	0.183975	0.121725	0.015214	0.005252	0.022424	0.112230	0.002972	0.001873	0.006187	0.000783	0.000825
Parking Lot	0.490441	0.036099	0.183975	0.121725	0.015214	0.005252	0.022424	0.112230	0.002972	0.001873	0.006187	0.000783	0.000825
Other Non-Asphalt Surfaces	0.490441	0.036099	0.183975	0.121725	0.015214	0.005252	0.022424	0.112230	0.002972	0.001873	0.006187	0.000783	0.000825

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	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
	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	460.6030	460.6030	0.0190	3.9300e-003	462.2508
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	460.6030	460.6030	0.0190	3.9300e-003	462.2508
NaturalGas Mitigated	0.0134	0.1214	0.1019	7.3000e-004	9.2200e-003	9.2200e-003	9.2200e-003	9.2200e-003	9.2200e-003	9.2200e-003	0.0000	132.1053	132.1053	2.5300e-003	2.4200e-003	132.8903
NaturalGas Unmitigated	0.0134	0.1214	0.1019	7.3000e-004	9.2200e-003	9.2200e-003	9.2200e-003	9.2200e-003	9.2200e-003	9.2200e-003	0.0000	132.1053	132.1053	2.5300e-003	2.4200e-003	132.8903

Jessup, Rancho Mirage - Salton Sea 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					
Automobile Care Center	2.2743e+006	0.0123	0.1115	0.0937	6.7000e-004		8.4700e-003	8.4700e-003		8.4700e-003	8.4700e-003	0.0000	121.3653	121.3653	2.3300e-003	2.2300e-003	122.0865
General Office Building	201260	1.0900e-003	9.8700e-003	8.2900e-003	6.0000e-005		7.5000e-004	7.5000e-004		7.5000e-004	7.5000e-004	0.0000	10.7400	10.7400	2.1000e-004	2.0000e-004	10.8038
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
Parking Lot	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
<b>Total</b>		<b>0.0134</b>	<b>0.1214</b>	<b>0.1019</b>	<b>7.3000e-004</b>		<b>9.2200e-003</b>	<b>9.2200e-003</b>		<b>9.2200e-003</b>	<b>9.2200e-003</b>	<b>0.0000</b>	<b>132.1053</b>	<b>132.1053</b>	<b>2.5400e-003</b>	<b>2.4300e-003</b>	<b>132.8903</b>

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**5.2 Energy by Land Use - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Automobile Care Center	2.2743e+006	0.0123	0.1115	0.0937	6.7000e-004		8.4700e-003	8.4700e-003		8.4700e-003	8.4700e-003	0.0000	121.3653	121.3653	2.3300e-003	2.2300e-003	122.0865
General Office Building	201260	1.0900e-003	9.8700e-003	8.2900e-003	6.0000e-005		7.5000e-004	7.5000e-004		7.5000e-004	7.5000e-004	0.0000	10.7400	10.7400	2.1000e-004	2.0000e-004	10.8038
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
Parking Lot	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
<b>Total</b>		<b>0.0134</b>	<b>0.1214</b>	<b>0.1019</b>	<b>7.3000e-004</b>		<b>9.2200e-003</b>	<b>9.2200e-003</b>		<b>9.2200e-003</b>	<b>9.2200e-003</b>	<b>0.0000</b>	<b>132.1053</b>	<b>132.1053</b>	<b>2.5400e-003</b>	<b>2.4300e-003</b>	<b>132.8903</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			
Automobile Care Center	710500	226.3805	9.3500e-003	1.9300e-003	227.1904
General Office Building	552160	175.9300	7.2600e-003	1.5000e-003	176.5594
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	182952	58.2924	2.4100e-003	5.0000e-004	58.5010
<b>Total</b>		<b>460.6030</b>	<b>0.0190</b>	<b>3.9300e-003</b>	<b>462.2508</b>

## Jessup, Rancho Mirage - Salton Sea Air Basin, Annual

**5.3 Energy by Land Use - Electricity****Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Automobile Care Center	710500	226.3805	9.3500e-003	1.9300e-003	227.1904
General Office Building	552160	175.9300	7.2600e-003	1.5000e-003	176.5594
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	182952	58.2924	2.4100e-003	5.0000e-004	58.5010
<b>Total</b>		<b>460.6030</b>	<b>0.0190</b>	<b>3.9300e-003</b>	<b>462.2508</b>

**6.0 Area Detail****6.1 Mitigation Measures Area**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.6355	1.0000e-005	1.3000e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5200e-003	2.5200e-003	1.0000e-005	0.0000	2.6900e-003
Unmitigated	0.6374	1.0000e-005	1.3000e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5200e-003	2.5200e-003	1.0000e-005	0.0000	2.6900e-003

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	0.1008					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5365					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.2000e-004	1.0000e-005	1.3000e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5200e-003	2.5200e-003	1.0000e-005	0.0000	2.6900e-003
<b>Total</b>	<b>0.6374</b>	<b>1.0000e-005</b>	<b>1.3000e-003</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>2.5200e-003</b>	<b>2.5200e-003</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>2.6900e-003</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	0.0988					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5365					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.2000e-004	1.0000e-005	1.3000e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5200e-003	2.5200e-003	1.0000e-005	0.0000	2.6900e-003
<b>Total</b>	<b>0.6355</b>	<b>1.0000e-005</b>	<b>1.3000e-003</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>2.5200e-003</b>	<b>2.5200e-003</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>2.6900e-003</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

Jessup, Rancho Mirage - Salton Sea Air Basin, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	112.1039	0.5549	0.0139	130.1218
Unmitigated	112.1039	0.5549	0.0139	130.1218

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Automobile Care Center	6.58568 / 4.03638	43.7001	0.2163	5.4200e-003	50.7238
General Office Building	10.3086 / 6.31815	68.4038	0.3386	8.4900e-003	79.3980
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>112.1039</b>	<b>0.5549</b>	<b>0.0139</b>	<b>130.1218</b>

Jessup, Rancho Mirage - Salton Sea Air Basin, Annual

**7.2 Water by Land Use**

**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Automobile Care Center	6.58568 / 4.03638	43.7001	0.2163	5.4200e-003	50.7238
General Office Building	10.3086 / 6.31815	68.4038	0.3386	8.4900e-003	79.3980
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>112.1039</b>	<b>0.5549</b>	<b>0.0139</b>	<b>130.1218</b>

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

Jessup, Rancho Mirage - Salton Sea Air Basin, Annual

**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	65.2291	3.8549	0.0000	161.6024
Unmitigated	65.2291	3.8549	0.0000	161.6024

**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Automobile Care Center	267.4	54.2798	3.2078	0.0000	134.4759
General Office Building	53.94	10.9493	0.6471	0.0000	27.1265
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>65.2291</b>	<b>3.8549</b>	<b>0.0000</b>	<b>161.6024</b>

Jessup, Rancho Mirage - Salton Sea Air Basin, Annual

**8.2 Waste by Land Use**

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Automobile Care Center	267.4	54.2798	3.2078	0.0000	134.4759
General Office Building	53.94	10.9493	0.6471	0.0000	27.1265
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>65.2291</b>	<b>3.8549</b>	<b>0.0000</b>	<b>161.6024</b>

**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**

Jessup, Rancho Mirage - Salton Sea Air Basin, Annual

Equipment Type	Number
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## 11.0 Vegetation

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Jessup, Rancho Mirage - Salton Sea Air Basin, Summer

**Jessup, Rancho Mirage**  
**Salton Sea Air Basin, Summer**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Automobile Care Center	70.00	1000sqft	1.61	70,000.00	0
General Office Building	58.00	1000sqft	1.33	58,000.00	0
Parking Lot	12.00	Acre	12.00	522,720.00	0
Other Non-Asphalt Surfaces	1.00	Acre	1.00	43,560.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	3.4	<b>Precipitation Freq (Days)</b>	20
<b>Climate Zone</b>	15			<b>Operational Year</b>	2022
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MW hr)</b>	702.44	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

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

Jessup, Rancho Mirage - Salton Sea Air Basin, Summer

Project Characteristics -

Land Use -

Construction Phase - Construction period from June 2021 to June 2022. Assumes multiple construction phases will overlap as the property build outs.

Off-road Equipment - Grading period will include cut, fill, stripping and export of materials.

Grading - Cut = 24,519 CY; Fill = 24,619 CY requiring 100 CY import. Stripping will result in 16,813 CY of export.

On-road Fugitive Dust - All roadways in the project area, including site access, are paved.

Vehicle Trips - Trip rates adjusted per project specific Traffic Study. Assumes 2,490 daily trips at project buildout.

Road Dust - All roads in the project area are paved and there are no off-highway mobile trips associated with this project.

Construction Off-road Equipment Mitigation - Use of soil stabilizers and frequent watering of exposed areas per standard dust control requirement (SCAQMD Rule 403.1)

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - Architectural coatings will be used for interior/exterior building structures as well as painting/stripping of the parking lots.

Area Mitigation - Use of low VOC paint for parking lot, maximum 125 g/l.

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblAreaMitigation	UseLowVOCPaintParkingValue	150	125
tblConstructionPhase	NumDays	10.00	20.00
tblConstructionPhase	NumDays	30.00	60.00
tblConstructionPhase	NumDays	300.00	150.00
tblConstructionPhase	NumDays	20.00	151.00
tblConstructionPhase	NumDays	20.00	153.00
tblGrading	AcresOfGrading	150.00	16.00
tblGrading	MaterialExported	0.00	16,813.00
tblGrading	MaterialImported	0.00	100.00
tblOffRoadEquipment	OffRoadEquipmentType		Other Construction Equipment
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00



Jessup, Rancho Mirage - Salton Sea Air Basin, Summer

tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblRoadDust	RoadPercentPave	50	100
tblVehicleTrips	ST_TR	23.72	14.00
tblVehicleTrips	ST_TR	2.46	26.00
tblVehicleTrips	SU_TR	11.88	14.00
tblVehicleTrips	SU_TR	1.05	26.00
tblVehicleTrips	WD_TR	23.72	14.00
tblVehicleTrips	WD_TR	11.03	26.00

**2.0 Emissions Summary**

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Jessup, Rancho Mirage - Salton Sea 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	3.4935	1.3000e-004	0.0144	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0309	0.0309	8.0000e-005		0.0329
Energy	0.0731	0.6649	0.5586	3.9900e-003		0.0505	0.0505		0.0505	0.0505		797.9243	797.9243	0.0153	0.0146	802.6659
Mobile	5.8810	42.7813	48.1134	0.1707	8.8030	0.0989	8.9019	2.3624	0.0930	2.4554		17,511.5365	17,511.5365	1.3448		17,545.1555
<b>Total</b>	<b>9.4476</b>	<b>43.4463</b>	<b>48.6863</b>	<b>0.1747</b>	<b>8.8030</b>	<b>0.1495</b>	<b>8.9525</b>	<b>2.3624</b>	<b>0.1436</b>	<b>2.5060</b>		<b>18,309.4916</b>	<b>18,309.4916</b>	<b>1.3601</b>	<b>0.0146</b>	<b>18,347.8543</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	3.4827	1.3000e-004	0.0144	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0309	0.0309	8.0000e-005		0.0329
Energy	0.0731	0.6649	0.5586	3.9900e-003		0.0505	0.0505		0.0505	0.0505		797.9243	797.9243	0.0153	0.0146	802.6659
Mobile	5.8810	42.7813	48.1134	0.1707	8.8030	0.0989	8.9019	2.3624	0.0930	2.4554		17,511.5365	17,511.5365	1.3448		17,545.1555
<b>Total</b>	<b>9.4368</b>	<b>43.4463</b>	<b>48.6863</b>	<b>0.1747</b>	<b>8.8030</b>	<b>0.1495</b>	<b>8.9525</b>	<b>2.3624</b>	<b>0.1436</b>	<b>2.5060</b>		<b>18,309.4916</b>	<b>18,309.4916</b>	<b>1.3601</b>	<b>0.0146</b>	<b>18,347.8543</b>

Jessup, Rancho Mirage - Salton Sea 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	0.11	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	6/1/2021	6/28/2021	5	20	
2	Grading	Grading	6/29/2021	9/20/2021	5	60	
3	Building Construction	Building Construction	9/21/2021	4/18/2022	5	150	
4	Paving	Paving	10/1/2021	5/1/2022	5	151	
5	Architectural Coating	Architectural Coating	11/1/2021	6/1/2022	5	153	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 16

Acres of Paving: 13

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 192,000; Non-Residential Outdoor: 64,000; Striped Parking Area: 33,977 (Architectural Coating – sqft)

#### OffRoad Equipment

Jessup, Rancho Mirage - Salton Sea Air Basin, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	2	6.00	78	0.48
Architectural Coating	Other Construction Equipment	1	6.00	172	0.42
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	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	2,102.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	279.00	114.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	3	56.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT

Jessup, Rancho Mirage - Salton Sea Air Basin, Summer

**3.1 Mitigation Measures Construction**

Use Soil Stabilizer

Water Exposed Area

**3.2 Site Preparation - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
<b>Total</b>	<b>3.8882</b>	<b>40.4971</b>	<b>21.1543</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.0445</b>	<b>20.1107</b>	<b>9.9307</b>	<b>1.8809</b>	<b>11.8116</b>		<b>3,685.6569</b>	<b>3,685.6569</b>	<b>1.1920</b>		<b>3,715.4573</b>

Jessup, Rancho Mirage - Salton Sea Air Basin, Summer

**3.2 Site Preparation - 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	0.0000	0.0000	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	0.1012	0.0609	0.7797	1.5100e-003	0.1506	9.3000e-004	0.1515	0.0400	8.5000e-004	0.0408		149.7216	149.7216	6.4100e-003		149.8818
<b>Total</b>	<b>0.1012</b>	<b>0.0609</b>	<b>0.7797</b>	<b>1.5100e-003</b>	<b>0.1506</b>	<b>9.3000e-004</b>	<b>0.1515</b>	<b>0.0400</b>	<b>8.5000e-004</b>	<b>0.0408</b>		<b>149.7216</b>	<b>149.7216</b>	<b>6.4100e-003</b>		<b>149.8818</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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
<b>Total</b>	<b>3.8882</b>	<b>40.4971</b>	<b>21.1543</b>	<b>0.0380</b>	<b>7.0458</b>	<b>2.0445</b>	<b>9.0903</b>	<b>3.8730</b>	<b>1.8809</b>	<b>5.7539</b>	<b>0.0000</b>	<b>3,685.6569</b>	<b>3,685.6569</b>	<b>1.1920</b>		<b>3,715.4573</b>

Jessup, Rancho Mirage - Salton Sea Air Basin, Summer

**3.2 Site Preparation - 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	0.0000	0.0000	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	0.1012	0.0609	0.7797	1.5100e-003	0.1506	9.3000e-004	0.1515	0.0400	8.5000e-004	0.0408		149.7216	149.7216	6.4100e-003		149.8818
<b>Total</b>	<b>0.1012</b>	<b>0.0609</b>	<b>0.7797</b>	<b>1.5100e-003</b>	<b>0.1506</b>	<b>9.3000e-004</b>	<b>0.1515</b>	<b>0.0400</b>	<b>8.5000e-004</b>	<b>0.0408</b>		<b>149.7216</b>	<b>149.7216</b>	<b>6.4100e-003</b>		<b>149.8818</b>

**3.3 Grading - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.3610	0.0000	6.3610	3.3493	0.0000	3.3493			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
<b>Total</b>	<b>4.1912</b>	<b>46.3998</b>	<b>30.8785</b>	<b>0.0620</b>	<b>6.3610</b>	<b>1.9853</b>	<b>8.3464</b>	<b>3.3493</b>	<b>1.8265</b>	<b>5.1758</b>		<b>6,007.0434</b>	<b>6,007.0434</b>	<b>1.9428</b>		<b>6,055.6134</b>



Jessup, Rancho Mirage - Salton Sea Air Basin, Summer

**3.3 Grading - 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	0.1765	7.4812	0.9780	0.0272	0.6141	0.0226	0.6366	0.1684	0.0216	0.1900		2,859.275 2	2,859.275 2	0.1337		2,862.617 1
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	0.1124	0.0676	0.8663	1.6700e-003	0.1673	1.0300e-003	0.1684	0.0444	9.5000e-004	0.0453		166.3573	166.3573	7.1200e-003		166.5353
<b>Total</b>	<b>0.2889</b>	<b>7.5489</b>	<b>1.8444</b>	<b>0.0289</b>	<b>0.7814</b>	<b>0.0236</b>	<b>0.8050</b>	<b>0.2128</b>	<b>0.0225</b>	<b>0.2354</b>		<b>3,025.632 5</b>	<b>3,025.632 5</b>	<b>0.1408</b>		<b>3,029.152 4</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					2.4808	0.0000	2.4808	1.3062	0.0000	1.3062			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.043 4	6,007.043 4	1.9428		6,055.613 4
<b>Total</b>	<b>4.1912</b>	<b>46.3998</b>	<b>30.8785</b>	<b>0.0620</b>	<b>2.4808</b>	<b>1.9853</b>	<b>4.4661</b>	<b>1.3062</b>	<b>1.8265</b>	<b>3.1327</b>	<b>0.0000</b>	<b>6,007.043 4</b>	<b>6,007.043 4</b>	<b>1.9428</b>		<b>6,055.613 4</b>

Jessup, Rancho Mirage - Salton Sea Air Basin, Summer

**3.3 Grading - 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	0.1765	7.4812	0.9780	0.0272	0.6141	0.0226	0.6366	0.1684	0.0216	0.1900		2,859.275 2	2,859.275 2	0.1337		2,862.617 1
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	0.1124	0.0676	0.8663	1.6700e-003	0.1673	1.0300e-003	0.1684	0.0444	9.5000e-004	0.0453		166.3573	166.3573	7.1200e-003		166.5353
<b>Total</b>	<b>0.2889</b>	<b>7.5489</b>	<b>1.8444</b>	<b>0.0289</b>	<b>0.7814</b>	<b>0.0236</b>	<b>0.8050</b>	<b>0.2128</b>	<b>0.0225</b>	<b>0.2354</b>		<b>3,025.632 5</b>	<b>3,025.632 5</b>	<b>0.1408</b>		<b>3,029.152 4</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		2,553.363 9	2,553.363 9	0.6160		2,568.764 3
<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>2,553.363 9</b>	<b>2,553.363 9</b>	<b>0.6160</b>		<b>2,568.764 3</b>

Jessup, Rancho Mirage - Salton Sea 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	0.3129	10.1544	2.2667	0.0266	0.5725	0.0180	0.5905	0.1649	0.0172	0.1822		2,786.7291	2,786.7291	0.2131		2,792.0568
Worker	1.5682	0.9435	12.0853	0.0234	2.3343	0.0144	2.3487	0.6192	0.0133	0.6324		2,320.6845	2,320.6845	0.0993		2,323.1672
<b>Total</b>	<b>1.8811</b>	<b>11.0979</b>	<b>14.3520</b>	<b>0.0500</b>	<b>2.9068</b>	<b>0.0324</b>	<b>2.9392</b>	<b>0.7841</b>	<b>0.0305</b>	<b>0.8146</b>		<b>5,107.4136</b>	<b>5,107.4136</b>	<b>0.3124</b>		<b>5,115.2240</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>

Jessup, Rancho Mirage - Salton Sea 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	0.3129	10.1544	2.2667	0.0266	0.5725	0.0180	0.5905	0.1649	0.0172	0.1822		2,786.7291	2,786.7291	0.2131		2,792.0568
Worker	1.5682	0.9435	12.0853	0.0234	2.3343	0.0144	2.3487	0.6192	0.0133	0.6324		2,320.6845	2,320.6845	0.0993		2,323.1672
<b>Total</b>	<b>1.8811</b>	<b>11.0979</b>	<b>14.3520</b>	<b>0.0500</b>	<b>2.9068</b>	<b>0.0324</b>	<b>2.9392</b>	<b>0.7841</b>	<b>0.0305</b>	<b>0.8146</b>		<b>5,107.4136</b>	<b>5,107.4136</b>	<b>0.3124</b>		<b>5,115.2240</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>

Jessup, Rancho Mirage - Salton Sea 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	0.2904	9.6238	2.0849	0.0264	0.5725	0.0151	0.5876	0.1649	0.0144	0.1794		2,763.6809	2,763.6809	0.1977		2,768.6245
Worker	1.4614	0.8598	11.1244	0.0225	2.3343	0.0139	2.3482	0.6192	0.0128	0.6320		2,235.6079	2,235.6079	0.0902		2,237.8629
<b>Total</b>	<b>1.7518</b>	<b>10.4837</b>	<b>13.2093</b>	<b>0.0489</b>	<b>2.9068</b>	<b>0.0290</b>	<b>2.9358</b>	<b>0.7841</b>	<b>0.0272</b>	<b>0.8113</b>		<b>4,999.2888</b>	<b>4,999.2888</b>	<b>0.2879</b>		<b>5,006.4873</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>

Jessup, Rancho Mirage - Salton Sea 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	0.2904	9.6238	2.0849	0.0264	0.5725	0.0151	0.5876	0.1649	0.0144	0.1794		2,763.6809	2,763.6809	0.1977		2,768.6245
Worker	1.4614	0.8598	11.1244	0.0225	2.3343	0.0139	2.3482	0.6192	0.0128	0.6320		2,235.6079	2,235.6079	0.0902		2,237.8629
<b>Total</b>	<b>1.7518</b>	<b>10.4837</b>	<b>13.2093</b>	<b>0.0489</b>	<b>2.9068</b>	<b>0.0290</b>	<b>2.9358</b>	<b>0.7841</b>	<b>0.0272</b>	<b>0.8113</b>		<b>4,999.2888</b>	<b>4,999.2888</b>	<b>0.2879</b>		<b>5,006.4873</b>

**3.5 Paving - 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	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.2082					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.4638</b>	<b>12.9191</b>	<b>14.6532</b>	<b>0.0228</b>		<b>0.6777</b>	<b>0.6777</b>		<b>0.6235</b>	<b>0.6235</b>		<b>2,207.2109</b>	<b>2,207.2109</b>	<b>0.7139</b>		<b>2,225.0573</b>

Jessup, Rancho Mirage - Salton Sea Air Basin, Summer

**3.5 Paving - 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	0.0000	0.0000	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	0.0843	0.0507	0.6498	1.2600e-003	0.1255	7.7000e-004	0.1263	0.0333	7.1000e-004	0.0340		124.7680	124.7680	5.3400e-003		124.9015
<b>Total</b>	<b>0.0843</b>	<b>0.0507</b>	<b>0.6498</b>	<b>1.2600e-003</b>	<b>0.1255</b>	<b>7.7000e-004</b>	<b>0.1263</b>	<b>0.0333</b>	<b>7.1000e-004</b>	<b>0.0340</b>		<b>124.7680</b>	<b>124.7680</b>	<b>5.3400e-003</b>		<b>124.9015</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	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.2082					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.4638</b>	<b>12.9191</b>	<b>14.6532</b>	<b>0.0228</b>		<b>0.6777</b>	<b>0.6777</b>		<b>0.6235</b>	<b>0.6235</b>	<b>0.0000</b>	<b>2,207.2109</b>	<b>2,207.2109</b>	<b>0.7139</b>		<b>2,225.0573</b>

Jessup, Rancho Mirage - Salton Sea Air Basin, Summer

**3.5 Paving - 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	0.0000	0.0000	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	0.0843	0.0507	0.6498	1.2600e-003	0.1255	7.7000e-004	0.1263	0.0333	7.1000e-004	0.0340		124.7680	124.7680	5.3400e-003		124.9015
<b>Total</b>	<b>0.0843</b>	<b>0.0507</b>	<b>0.6498</b>	<b>1.2600e-003</b>	<b>0.1255</b>	<b>7.7000e-004</b>	<b>0.1263</b>	<b>0.0333</b>	<b>7.1000e-004</b>	<b>0.0340</b>		<b>124.7680</b>	<b>124.7680</b>	<b>5.3400e-003</b>		<b>124.9015</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	0.2082					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3110</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>



Jessup, Rancho Mirage - Salton Sea 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	0.0786	0.0462	0.5981	1.2100e-003	0.1255	7.5000e-004	0.1263	0.0333	6.9000e-004	0.0340		120.1940	120.1940	4.8500e-003		120.3152
<b>Total</b>	<b>0.0786</b>	<b>0.0462</b>	<b>0.5981</b>	<b>1.2100e-003</b>	<b>0.1255</b>	<b>7.5000e-004</b>	<b>0.1263</b>	<b>0.0333</b>	<b>6.9000e-004</b>	<b>0.0340</b>		<b>120.1940</b>	<b>120.1940</b>	<b>4.8500e-003</b>		<b>120.3152</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	0.2082					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3110</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>

Jessup, Rancho Mirage - Salton Sea 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	0.0786	0.0462	0.5981	1.2100e-003	0.1255	7.5000e-004	0.1263	0.0333	6.9000e-004	0.0340		120.1940	120.1940	4.8500e-003		120.3152
<b>Total</b>	<b>0.0786</b>	<b>0.0462</b>	<b>0.5981</b>	<b>1.2100e-003</b>	<b>0.1255</b>	<b>7.5000e-004</b>	<b>0.1263</b>	<b>0.0333</b>	<b>6.9000e-004</b>	<b>0.0340</b>		<b>120.1940</b>	<b>120.1940</b>	<b>4.8500e-003</b>		<b>120.3152</b>

**3.6 Architectural Coating - 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					
Archit. Coating	13.1769					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.7527	6.3394	6.6765	0.0106		0.3600	0.3600		0.3463	0.3463		1,011.7894	1,011.7894	0.1838		1,016.3847
<b>Total</b>	<b>13.9296</b>	<b>6.3394</b>	<b>6.6765</b>	<b>0.0106</b>		<b>0.3600</b>	<b>0.3600</b>		<b>0.3463</b>	<b>0.3463</b>		<b>1,011.7894</b>	<b>1,011.7894</b>	<b>0.1838</b>		<b>1,016.3847</b>

Jessup, Rancho Mirage - Salton Sea Air Basin, Summer

**3.6 Architectural Coating - 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	0.0000	0.0000	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	0.3148	0.1894	2.4257	4.6900e-003	0.4685	2.8900e-003	0.4714	0.1243	2.6600e-003	0.1269		465.8005	465.8005	0.0199		466.2988
<b>Total</b>	<b>0.3148</b>	<b>0.1894</b>	<b>2.4257</b>	<b>4.6900e-003</b>	<b>0.4685</b>	<b>2.8900e-003</b>	<b>0.4714</b>	<b>0.1243</b>	<b>2.6600e-003</b>	<b>0.1269</b>		<b>465.8005</b>	<b>465.8005</b>	<b>0.0199</b>		<b>466.2988</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	13.1769					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.7527	6.3394	6.6765	0.0106		0.3600	0.3600		0.3463	0.3463	0.0000	1,011.7894	1,011.7894	0.1838		1,016.3847
<b>Total</b>	<b>13.9296</b>	<b>6.3394</b>	<b>6.6765</b>	<b>0.0106</b>		<b>0.3600</b>	<b>0.3600</b>		<b>0.3463</b>	<b>0.3463</b>	<b>0.0000</b>	<b>1,011.7894</b>	<b>1,011.7894</b>	<b>0.1838</b>		<b>1,016.3847</b>

Jessup, Rancho Mirage - Salton Sea Air Basin, Summer

**3.6 Architectural Coating - 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	0.0000	0.0000	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	0.3148	0.1894	2.4257	4.6900e-003	0.4685	2.8900e-003	0.4714	0.1243	2.6600e-003	0.1269		465.8005	465.8005	0.0199		466.2988
<b>Total</b>	<b>0.3148</b>	<b>0.1894</b>	<b>2.4257</b>	<b>4.6900e-003</b>	<b>0.4685</b>	<b>2.8900e-003</b>	<b>0.4714</b>	<b>0.1243</b>	<b>2.6600e-003</b>	<b>0.1269</b>		<b>465.8005</b>	<b>465.8005</b>	<b>0.0199</b>		<b>466.2988</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	13.1769					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.6911	5.6783	6.6424	0.0106		0.3127	0.3127		0.3008	0.3008		1,011.6445	1,011.6445	0.1818		1,016.1891
<b>Total</b>	<b>13.8680</b>	<b>5.6783</b>	<b>6.6424</b>	<b>0.0106</b>		<b>0.3127</b>	<b>0.3127</b>		<b>0.3008</b>	<b>0.3008</b>		<b>1,011.6445</b>	<b>1,011.6445</b>	<b>0.1818</b>		<b>1,016.1891</b>

Jessup, Rancho Mirage - Salton Sea 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	0.2933	0.1726	2.2329	4.5200e-003	0.4685	2.7900e-003	0.4713	0.1243	2.5700e-003	0.1269		448.7242	448.7242	0.0181		449.1768
<b>Total</b>	<b>0.2933</b>	<b>0.1726</b>	<b>2.2329</b>	<b>4.5200e-003</b>	<b>0.4685</b>	<b>2.7900e-003</b>	<b>0.4713</b>	<b>0.1243</b>	<b>2.5700e-003</b>	<b>0.1269</b>		<b>448.7242</b>	<b>448.7242</b>	<b>0.0181</b>		<b>449.1768</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	13.1769					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.6911	5.6783	6.6424	0.0106		0.3127	0.3127		0.3008	0.3008	0.0000	1,011.6445	1,011.6445	0.1818		1,016.1891
<b>Total</b>	<b>13.8680</b>	<b>5.6783</b>	<b>6.6424</b>	<b>0.0106</b>		<b>0.3127</b>	<b>0.3127</b>		<b>0.3008</b>	<b>0.3008</b>	<b>0.0000</b>	<b>1,011.6445</b>	<b>1,011.6445</b>	<b>0.1818</b>		<b>1,016.1891</b>

Jessup, Rancho Mirage - Salton Sea 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	0.2933	0.1726	2.2329	4.5200e-003	0.4685	2.7900e-003	0.4713	0.1243	2.5700e-003	0.1269		448.7242	448.7242	0.0181		449.1768
<b>Total</b>	<b>0.2933</b>	<b>0.1726</b>	<b>2.2329</b>	<b>4.5200e-003</b>	<b>0.4685</b>	<b>2.7900e-003</b>	<b>0.4713</b>	<b>0.1243</b>	<b>2.5700e-003</b>	<b>0.1269</b>		<b>448.7242</b>	<b>448.7242</b>	<b>0.0181</b>		<b>449.1768</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

Jessup, Rancho Mirage - Salton Sea 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	5.8810	42.7813	48.1134	0.1707	8.8030	0.0989	8.9019	2.3624	0.0930	2.4554		17,511.53 65	17,511.53 65	1.3448		17,545.15 55
Unmitigated	5.8810	42.7813	48.1134	0.1707	8.8030	0.0989	8.9019	2.3624	0.0930	2.4554		17,511.53 65	17,511.53 65	1.3448		17,545.15 55

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Automobile Care Center	980.00	980.00	980.00	872,845	872,845
General Office Building	1,508.00	1,508.00	1508.00	3,218,283	3,218,283
Parking Lot	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
<b>Total</b>	<b>2,488.00</b>	<b>2,488.00</b>	<b>2,488.00</b>	<b>4,091,128</b>	<b>4,091,128</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
Automobile Care Center	12.50	4.20	5.40	33.00	48.00	19.00	21	51	28
General Office Building	12.50	4.20	5.40	33.00	48.00	19.00	77	19	4
Parking Lot	12.50	4.20	5.40	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	12.50	4.20	5.40	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Jessup, Rancho Mirage - Salton Sea Air Basin, Summer

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Automobile Care Center	0.490441	0.036099	0.183975	0.121725	0.015214	0.005252	0.022424	0.112230	0.002972	0.001873	0.006187	0.000783	0.000825
General Office Building	0.490441	0.036099	0.183975	0.121725	0.015214	0.005252	0.022424	0.112230	0.002972	0.001873	0.006187	0.000783	0.000825
Parking Lot	0.490441	0.036099	0.183975	0.121725	0.015214	0.005252	0.022424	0.112230	0.002972	0.001873	0.006187	0.000783	0.000825
Other Non-Asphalt Surfaces	0.490441	0.036099	0.183975	0.121725	0.015214	0.005252	0.022424	0.112230	0.002972	0.001873	0.006187	0.000783	0.000825

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

Category	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	0.0731	0.6649	0.5586	3.9900e-003		0.0505	0.0505		0.0505	0.0505		797.9243	797.9243	0.0153	0.0146	802.6659
NaturalGas Unmitigated	0.0731	0.6649	0.5586	3.9900e-003		0.0505	0.0505		0.0505	0.0505		797.9243	797.9243	0.0153	0.0146	802.6659



Jessup, Rancho Mirage - Salton Sea 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					
Automobile Care Center	6230.96	0.0672	0.6109	0.5131	3.6700e-003		0.0464	0.0464		0.0464	0.0464		733.0540	733.0540	0.0141	0.0134	737.4102
General Office Building	551.397	5.9500e-003	0.0541	0.0454	3.2000e-004		4.1100e-003	4.1100e-003		4.1100e-003	4.1100e-003		64.8703	64.8703	1.2400e-003	1.1900e-003	65.2558
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
Parking Lot	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>0.0732</b>	<b>0.6649</b>	<b>0.5586</b>	<b>3.9900e-003</b>		<b>0.0505</b>	<b>0.0505</b>		<b>0.0505</b>	<b>0.0505</b>		<b>797.9243</b>	<b>797.9243</b>	<b>0.0153</b>	<b>0.0146</b>	<b>802.6659</b>

Jessup, Rancho Mirage - Salton Sea Air Basin, Summer

**5.2 Energy by Land Use - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Automobile Care Center	6.23096	0.0672	0.6109	0.5131	3.6700e-003		0.0464	0.0464		0.0464	0.0464		733.0540	733.0540	0.0141	0.0134	737.4102
General Office Building	0.551397	5.9500e-003	0.0541	0.0454	3.2000e-004		4.1100e-003	4.1100e-003		4.1100e-003	4.1100e-003		64.8703	64.8703	1.2400e-003	1.1900e-003	65.2558
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
Parking Lot	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>0.0732</b>	<b>0.6649</b>	<b>0.5586</b>	<b>3.9900e-003</b>		<b>0.0505</b>	<b>0.0505</b>		<b>0.0505</b>	<b>0.0505</b>		<b>797.9243</b>	<b>797.9243</b>	<b>0.0153</b>	<b>0.0146</b>	<b>802.6659</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

Jessup, Rancho Mirage - Salton Sea 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	3.4827	1.3000e-004	0.0144	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0309	0.0309	8.0000e-005		0.0329
Unmitigated	3.4935	1.3000e-004	0.0144	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0309	0.0309	8.0000e-005		0.0329

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.5524					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.9398					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.3400e-003	1.3000e-004	0.0144	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0309	0.0309	8.0000e-005		0.0329
<b>Total</b>	<b>3.4935</b>	<b>1.3000e-004</b>	<b>0.0144</b>	<b>0.0000</b>		<b>5.0000e-005</b>	<b>5.0000e-005</b>		<b>5.0000e-005</b>	<b>5.0000e-005</b>		<b>0.0309</b>	<b>0.0309</b>	<b>8.0000e-005</b>		<b>0.0329</b>

Jessup, Rancho Mirage - Salton Sea 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	0.5416					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.9398					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.3400e-003	1.3000e-004	0.0144	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0309	0.0309	8.0000e-005		0.0329
<b>Total</b>	<b>3.4827</b>	<b>1.3000e-004</b>	<b>0.0144</b>	<b>0.0000</b>		<b>5.0000e-005</b>	<b>5.0000e-005</b>		<b>5.0000e-005</b>	<b>5.0000e-005</b>		<b>0.0309</b>	<b>0.0309</b>	<b>8.0000e-005</b>		<b>0.0329</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**

## Jessup, Rancho Mirage - Salton Sea 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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Jessup, Rancho Mirage - Salton Sea Air Basin, Winter

**Jessup, Rancho Mirage**  
**Salton Sea Air Basin, Winter**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Automobile Care Center	70.00	1000sqft	1.61	70,000.00	0
General Office Building	58.00	1000sqft	1.33	58,000.00	0
Parking Lot	12.00	Acre	12.00	522,720.00	0
Other Non-Asphalt Surfaces	1.00	Acre	1.00	43,560.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	3.4	<b>Precipitation Freq (Days)</b>	20
<b>Climate Zone</b>	15			<b>Operational Year</b>	2022
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MW hr)</b>	702.44	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

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

Jessup, Rancho Mirage - Salton Sea Air Basin, Winter

Project Characteristics -

Land Use -

Construction Phase - Construction period from June 2021 to June 2022. Assumes multiple construction phases will overlap as the property build outs.

Off-road Equipment - Grading period will include cut, fill, stripping and export of materials.

Grading - Cut = 24,519 CY; Fill = 24,619 CY requiring 100 CY import. Stripping will result in 16,813 CY of export.

On-road Fugitive Dust - All roadways in the project area, including site access, are paved.

Vehicle Trips - Trip rates adjusted per project specific Traffic Study. Assumes 2,490 daily trips at project buildout.

Road Dust - All roads in the project area are paved and there are no off-highway mobile trips associated with this project.

Construction Off-road Equipment Mitigation - Use of soil stabilizers and frequent watering of exposed areas per standard dust control requirement (SCAQMD Rule 403.1)

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - Architectural coatings will be used for interior/exterior building structures as well as painting/stripping of the parking lots.

Area Mitigation - Use of low VOC paint for parking lot, maximum 125 g/l.

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblAreaMitigation	UseLowVOCPaintParkingValue	150	125
tblConstructionPhase	NumDays	10.00	20.00
tblConstructionPhase	NumDays	30.00	60.00
tblConstructionPhase	NumDays	300.00	150.00
tblConstructionPhase	NumDays	20.00	151.00
tblConstructionPhase	NumDays	20.00	153.00
tblGrading	AcresOfGrading	150.00	16.00
tblGrading	MaterialExported	0.00	16,813.00
tblGrading	MaterialImported	0.00	100.00
tblOffRoadEquipment	OffRoadEquipmentType		Other Construction Equipment
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00

Jessup, Rancho Mirage - Salton Sea Air Basin, Winter

tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblRoadDust	RoadPercentPave	50	100
tblVehicleTrips	ST_TR	23.72	14.00
tblVehicleTrips	ST_TR	2.46	26.00
tblVehicleTrips	SU_TR	11.88	14.00
tblVehicleTrips	SU_TR	1.05	26.00
tblVehicleTrips	WD_TR	23.72	14.00
tblVehicleTrips	WD_TR	11.03	26.00

**2.0 Emissions Summary**

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Jessup, Rancho Mirage - Salton Sea Air Basin, Winter

**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	3.4935	1.3000e-004	0.0144	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0309	0.0309	8.0000e-005		0.0329
Energy	0.0731	0.6649	0.5586	3.9900e-003		0.0505	0.0505		0.0505	0.0505		797.9243	797.9243	0.0153	0.0146	802.6659
Mobile	4.2465	42.1529	40.9907	0.1527	8.8030	0.1024	8.9054	2.3624	0.0963	2.4587		15,688.5399	15,688.5399	1.4188		15,724.0088
<b>Total</b>	<b>7.8131</b>	<b>42.8179</b>	<b>41.5637</b>	<b>0.1566</b>	<b>8.8030</b>	<b>0.1530</b>	<b>8.9560</b>	<b>2.3624</b>	<b>0.1469</b>	<b>2.5093</b>		<b>16,486.4950</b>	<b>16,486.4950</b>	<b>1.4341</b>	<b>0.0146</b>	<b>16,526.7076</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	3.4827	1.3000e-004	0.0144	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0309	0.0309	8.0000e-005		0.0329
Energy	0.0731	0.6649	0.5586	3.9900e-003		0.0505	0.0505		0.0505	0.0505		797.9243	797.9243	0.0153	0.0146	802.6659
Mobile	4.2465	42.1529	40.9907	0.1527	8.8030	0.1024	8.9054	2.3624	0.0963	2.4587		15,688.5399	15,688.5399	1.4188		15,724.0088
<b>Total</b>	<b>7.8023</b>	<b>42.8179</b>	<b>41.5637</b>	<b>0.1566</b>	<b>8.8030</b>	<b>0.1530</b>	<b>8.9560</b>	<b>2.3624</b>	<b>0.1469</b>	<b>2.5093</b>		<b>16,486.4950</b>	<b>16,486.4950</b>	<b>1.4341</b>	<b>0.0146</b>	<b>16,526.7076</b>

Jessup, Rancho Mirage - Salton Sea Air Basin, Winter

	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	0.14	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	6/1/2021	6/28/2021	5	20	
2	Grading	Grading	6/29/2021	9/20/2021	5	60	
3	Building Construction	Building Construction	9/21/2021	4/18/2022	5	150	
4	Paving	Paving	10/1/2021	5/1/2022	5	151	
5	Architectural Coating	Architectural Coating	11/1/2021	6/1/2022	5	153	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 16

Acres of Paving: 13

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 192,000; Non-Residential Outdoor: 64,000; Striped Parking Area: 33,977 (Architectural Coating – sqft)

#### OffRoad Equipment

Jessup, Rancho Mirage - Salton Sea Air Basin, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	2	6.00	78	0.48
Architectural Coating	Other Construction Equipment	1	6.00	172	0.42
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	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	2,102.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	279.00	114.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	3	56.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT

Jessup, Rancho Mirage - Salton Sea Air Basin, Winter

**3.1 Mitigation Measures Construction**

Use Soil Stabilizer

Water Exposed Area

**3.2 Site Preparation - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
<b>Total</b>	<b>3.8882</b>	<b>40.4971</b>	<b>21.1543</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.0445</b>	<b>20.1107</b>	<b>9.9307</b>	<b>1.8809</b>	<b>11.8116</b>		<b>3,685.6569</b>	<b>3,685.6569</b>	<b>1.1920</b>		<b>3,715.4573</b>

Jessup, Rancho Mirage - Salton Sea Air Basin, Winter

**3.2 Site Preparation - 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	0.0000	0.0000	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	0.0837	0.0627	0.5565	1.2600e-003	0.1506	9.3000e-004	0.1515	0.0400	8.5000e-004	0.0408		125.8036	125.8036	5.0700e-003		125.9304
<b>Total</b>	<b>0.0837</b>	<b>0.0627</b>	<b>0.5565</b>	<b>1.2600e-003</b>	<b>0.1506</b>	<b>9.3000e-004</b>	<b>0.1515</b>	<b>0.0400</b>	<b>8.5000e-004</b>	<b>0.0408</b>		<b>125.8036</b>	<b>125.8036</b>	<b>5.0700e-003</b>		<b>125.9304</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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
<b>Total</b>	<b>3.8882</b>	<b>40.4971</b>	<b>21.1543</b>	<b>0.0380</b>	<b>7.0458</b>	<b>2.0445</b>	<b>9.0903</b>	<b>3.8730</b>	<b>1.8809</b>	<b>5.7539</b>	<b>0.0000</b>	<b>3,685.6569</b>	<b>3,685.6569</b>	<b>1.1920</b>		<b>3,715.4573</b>

Jessup, Rancho Mirage - Salton Sea Air Basin, Winter

**3.2 Site Preparation - 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	0.0000	0.0000	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	0.0837	0.0627	0.5565	1.2600e-003	0.1506	9.3000e-004	0.1515	0.0400	8.5000e-004	0.0408		125.8036	125.8036	5.0700e-003		125.9304
<b>Total</b>	<b>0.0837</b>	<b>0.0627</b>	<b>0.5565</b>	<b>1.2600e-003</b>	<b>0.1506</b>	<b>9.3000e-004</b>	<b>0.1515</b>	<b>0.0400</b>	<b>8.5000e-004</b>	<b>0.0408</b>		<b>125.8036</b>	<b>125.8036</b>	<b>5.0700e-003</b>		<b>125.9304</b>

**3.3 Grading - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.3610	0.0000	6.3610	3.3493	0.0000	3.3493			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
<b>Total</b>	<b>4.1912</b>	<b>46.3998</b>	<b>30.8785</b>	<b>0.0620</b>	<b>6.3610</b>	<b>1.9853</b>	<b>8.3464</b>	<b>3.3493</b>	<b>1.8265</b>	<b>5.1758</b>		<b>6,007.0434</b>	<b>6,007.0434</b>	<b>1.9428</b>		<b>6,055.6134</b>

Jessup, Rancho Mirage - Salton Sea Air Basin, Winter

**3.3 Grading - 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	0.1872	7.6051	1.1759	0.0264	0.6141	0.0230	0.6371	0.1684	0.0220	0.1905		2,774.5164	2,774.5164	0.1496		2,778.2554
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	0.0930	0.0696	0.6183	1.4100e-003	0.1673	1.0300e-003	0.1684	0.0444	9.5000e-004	0.0453		139.7818	139.7818	5.6400e-003		139.9227
<b>Total</b>	<b>0.2802</b>	<b>7.6748</b>	<b>1.7942</b>	<b>0.0278</b>	<b>0.7814</b>	<b>0.0241</b>	<b>0.8055</b>	<b>0.2128</b>	<b>0.0230</b>	<b>0.2358</b>		<b>2,914.2982</b>	<b>2,914.2982</b>	<b>0.1552</b>		<b>2,918.1781</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					2.4808	0.0000	2.4808	1.3062	0.0000	1.3062			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
<b>Total</b>	<b>4.1912</b>	<b>46.3998</b>	<b>30.8785</b>	<b>0.0620</b>	<b>2.4808</b>	<b>1.9853</b>	<b>4.4661</b>	<b>1.3062</b>	<b>1.8265</b>	<b>3.1327</b>	<b>0.0000</b>	<b>6,007.0434</b>	<b>6,007.0434</b>	<b>1.9428</b>		<b>6,055.6134</b>



Jessup, Rancho Mirage - Salton Sea Air Basin, Winter

**3.3 Grading - 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	0.1872	7.6051	1.1759	0.0264	0.6141	0.0230	0.6371	0.1684	0.0220	0.1905		2,774.5164	2,774.5164	0.1496		2,778.2554
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	0.0930	0.0696	0.6183	1.4100e-003	0.1673	1.0300e-003	0.1684	0.0444	9.5000e-004	0.0453		139.7818	139.7818	5.6400e-003		139.9227
<b>Total</b>	<b>0.2802</b>	<b>7.6748</b>	<b>1.7942</b>	<b>0.0278</b>	<b>0.7814</b>	<b>0.0241</b>	<b>0.8055</b>	<b>0.2128</b>	<b>0.0230</b>	<b>0.2358</b>		<b>2,914.2982</b>	<b>2,914.2982</b>	<b>0.1552</b>		<b>2,918.1781</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>

Jessup, Rancho Mirage - Salton Sea Air Basin, Winter

**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	0.3308	10.0706	2.7175	0.0253	0.5725	0.0189	0.5914	0.1649	0.0181	0.1830		2,646.3643	2,646.3643	0.2398		2,652.3591
Worker	1.2971	0.9715	8.6259	0.0196	2.3343	0.0144	2.3487	0.6192	0.0133	0.6324		1,949.9557	1,949.9557	0.0786		1,951.9213
<b>Total</b>	<b>1.6278</b>	<b>11.0421</b>	<b>11.3434</b>	<b>0.0449</b>	<b>2.9068</b>	<b>0.0333</b>	<b>2.9401</b>	<b>0.7841</b>	<b>0.0313</b>	<b>0.8154</b>		<b>4,596.3199</b>	<b>4,596.3199</b>	<b>0.3184</b>		<b>4,604.2804</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>

Jessup, Rancho Mirage - Salton Sea Air Basin, Winter

**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	0.3308	10.0706	2.7175	0.0253	0.5725	0.0189	0.5914	0.1649	0.0181	0.1830		2,646.3643	2,646.3643	0.2398		2,652.3591
Worker	1.2971	0.9715	8.6259	0.0196	2.3343	0.0144	2.3487	0.6192	0.0133	0.6324		1,949.9557	1,949.9557	0.0786		1,951.9213
<b>Total</b>	<b>1.6278</b>	<b>11.0421</b>	<b>11.3434</b>	<b>0.0449</b>	<b>2.9068</b>	<b>0.0333</b>	<b>2.9401</b>	<b>0.7841</b>	<b>0.0313</b>	<b>0.8154</b>		<b>4,596.3199</b>	<b>4,596.3199</b>	<b>0.3184</b>		<b>4,604.2804</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>

Jessup, Rancho Mirage - Salton Sea Air Basin, Winter

**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	0.3077	9.5250	2.5126	0.0251	0.5725	0.0159	0.5884	0.1649	0.0152	0.1801		2,623.5616	2,623.5616	0.2229		2,629.1346
Worker	1.2148	0.8843	7.9204	0.0189	2.3343	0.0139	2.3482	0.6192	0.0128	0.6320		1,878.6602	1,878.6602	0.0716		1,880.4510
<b>Total</b>	<b>1.5224</b>	<b>10.4093</b>	<b>10.4330</b>	<b>0.0439</b>	<b>2.9068</b>	<b>0.0298</b>	<b>2.9366</b>	<b>0.7841</b>	<b>0.0280</b>	<b>0.8121</b>		<b>4,502.2218</b>	<b>4,502.2218</b>	<b>0.2946</b>		<b>4,509.5856</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>

Jessup, Rancho Mirage - Salton Sea Air Basin, Winter

**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	0.3077	9.5250	2.5126	0.0251	0.5725	0.0159	0.5884	0.1649	0.0152	0.1801		2,623.5616	2,623.5616	0.2229		2,629.1346
Worker	1.2148	0.8843	7.9204	0.0189	2.3343	0.0139	2.3482	0.6192	0.0128	0.6320		1,878.6602	1,878.6602	0.0716		1,880.4510
<b>Total</b>	<b>1.5224</b>	<b>10.4093</b>	<b>10.4330</b>	<b>0.0439</b>	<b>2.9068</b>	<b>0.0298</b>	<b>2.9366</b>	<b>0.7841</b>	<b>0.0280</b>	<b>0.8121</b>		<b>4,502.2218</b>	<b>4,502.2218</b>	<b>0.2946</b>		<b>4,509.5856</b>

**3.5 Paving - 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	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.2082					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.4638</b>	<b>12.9191</b>	<b>14.6532</b>	<b>0.0228</b>		<b>0.6777</b>	<b>0.6777</b>		<b>0.6235</b>	<b>0.6235</b>		<b>2,207.2109</b>	<b>2,207.2109</b>	<b>0.7139</b>		<b>2,225.0573</b>

Jessup, Rancho Mirage - Salton Sea Air Basin, Winter

**3.5 Paving - 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	0.0000	0.0000	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	0.0697	0.0522	0.4638	1.0500e-003	0.1255	7.7000e-004	0.1263	0.0333	7.1000e-004	0.0340		104.8363	104.8363	4.2300e-003		104.9420
<b>Total</b>	<b>0.0697</b>	<b>0.0522</b>	<b>0.4638</b>	<b>1.0500e-003</b>	<b>0.1255</b>	<b>7.7000e-004</b>	<b>0.1263</b>	<b>0.0333</b>	<b>7.1000e-004</b>	<b>0.0340</b>		<b>104.8363</b>	<b>104.8363</b>	<b>4.2300e-003</b>		<b>104.9420</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	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.2082					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.4638</b>	<b>12.9191</b>	<b>14.6532</b>	<b>0.0228</b>		<b>0.6777</b>	<b>0.6777</b>		<b>0.6235</b>	<b>0.6235</b>	<b>0.0000</b>	<b>2,207.2109</b>	<b>2,207.2109</b>	<b>0.7139</b>		<b>2,225.0573</b>

Jessup, Rancho Mirage - Salton Sea Air Basin, Winter

**3.5 Paving - 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	0.0000	0.0000	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	0.0697	0.0522	0.4638	1.0500e-003	0.1255	7.7000e-004	0.1263	0.0333	7.1000e-004	0.0340		104.8363	104.8363	4.2300e-003		104.9420
<b>Total</b>	<b>0.0697</b>	<b>0.0522</b>	<b>0.4638</b>	<b>1.0500e-003</b>	<b>0.1255</b>	<b>7.7000e-004</b>	<b>0.1263</b>	<b>0.0333</b>	<b>7.1000e-004</b>	<b>0.0340</b>		<b>104.8363</b>	<b>104.8363</b>	<b>4.2300e-003</b>		<b>104.9420</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	0.2082					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3110</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>

Jessup, Rancho Mirage - Salton Sea Air Basin, Winter

**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	0.0653	0.0476	0.4258	1.0200e-003	0.1255	7.5000e-004	0.1263	0.0333	6.9000e-004	0.0340		101.0032	101.0032	3.8500e-003		101.0995
<b>Total</b>	<b>0.0653</b>	<b>0.0476</b>	<b>0.4258</b>	<b>1.0200e-003</b>	<b>0.1255</b>	<b>7.5000e-004</b>	<b>0.1263</b>	<b>0.0333</b>	<b>6.9000e-004</b>	<b>0.0340</b>		<b>101.0032</b>	<b>101.0032</b>	<b>3.8500e-003</b>		<b>101.0995</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	0.2082					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3110</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>



Jessup, Rancho Mirage - Salton Sea Air Basin, Winter

**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	0.0653	0.0476	0.4258	1.0200e-003	0.1255	7.5000e-004	0.1263	0.0333	6.9000e-004	0.0340		101.0032	101.0032	3.8500e-003		101.0995
<b>Total</b>	<b>0.0653</b>	<b>0.0476</b>	<b>0.4258</b>	<b>1.0200e-003</b>	<b>0.1255</b>	<b>7.5000e-004</b>	<b>0.1263</b>	<b>0.0333</b>	<b>6.9000e-004</b>	<b>0.0340</b>		<b>101.0032</b>	<b>101.0032</b>	<b>3.8500e-003</b>		<b>101.0995</b>

**3.6 Architectural Coating - 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					
Archit. Coating	13.1769					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.7527	6.3394	6.6765	0.0106		0.3600	0.3600		0.3463	0.3463		1,011.7894	1,011.7894	0.1838		1,016.3847
<b>Total</b>	<b>13.9296</b>	<b>6.3394</b>	<b>6.6765</b>	<b>0.0106</b>		<b>0.3600</b>	<b>0.3600</b>		<b>0.3463</b>	<b>0.3463</b>		<b>1,011.7894</b>	<b>1,011.7894</b>	<b>0.1838</b>		<b>1,016.3847</b>

Jessup, Rancho Mirage - Salton Sea Air Basin, Winter

**3.6 Architectural Coating - 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	0.0000	0.0000	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	0.2603	0.1950	1.7314	3.9400e-003	0.4685	2.8900e-003	0.4714	0.1243	2.6600e-003	0.1269		391.3890	391.3890	0.0158		391.7835
<b>Total</b>	<b>0.2603</b>	<b>0.1950</b>	<b>1.7314</b>	<b>3.9400e-003</b>	<b>0.4685</b>	<b>2.8900e-003</b>	<b>0.4714</b>	<b>0.1243</b>	<b>2.6600e-003</b>	<b>0.1269</b>		<b>391.3890</b>	<b>391.3890</b>	<b>0.0158</b>		<b>391.7835</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	13.1769					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.7527	6.3394	6.6765	0.0106		0.3600	0.3600		0.3463	0.3463	0.0000	1,011.7894	1,011.7894	0.1838		1,016.3847
<b>Total</b>	<b>13.9296</b>	<b>6.3394</b>	<b>6.6765</b>	<b>0.0106</b>		<b>0.3600</b>	<b>0.3600</b>		<b>0.3463</b>	<b>0.3463</b>	<b>0.0000</b>	<b>1,011.7894</b>	<b>1,011.7894</b>	<b>0.1838</b>		<b>1,016.3847</b>

Jessup, Rancho Mirage - Salton Sea Air Basin, Winter

**3.6 Architectural Coating - 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	0.0000	0.0000	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	0.2603	0.1950	1.7314	3.9400e-003	0.4685	2.8900e-003	0.4714	0.1243	2.6600e-003	0.1269		391.3890	391.3890	0.0158		391.7835
<b>Total</b>	<b>0.2603</b>	<b>0.1950</b>	<b>1.7314</b>	<b>3.9400e-003</b>	<b>0.4685</b>	<b>2.8900e-003</b>	<b>0.4714</b>	<b>0.1243</b>	<b>2.6600e-003</b>	<b>0.1269</b>		<b>391.3890</b>	<b>391.3890</b>	<b>0.0158</b>		<b>391.7835</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	13.1769					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.6911	5.6783	6.6424	0.0106		0.3127	0.3127		0.3008	0.3008		1,011.6445	1,011.6445	0.1818		1,016.1891
<b>Total</b>	<b>13.8680</b>	<b>5.6783</b>	<b>6.6424</b>	<b>0.0106</b>		<b>0.3127</b>	<b>0.3127</b>		<b>0.3008</b>	<b>0.3008</b>		<b>1,011.6445</b>	<b>1,011.6445</b>	<b>0.1818</b>		<b>1,016.1891</b>

Jessup, Rancho Mirage - Salton Sea Air Basin, Winter

**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	0.2438	0.1775	1.5898	3.7900e-003	0.4685	2.7900e-003	0.4713	0.1243	2.5700e-003	0.1269		377.0787	377.0787	0.0144		377.4382
<b>Total</b>	<b>0.2438</b>	<b>0.1775</b>	<b>1.5898</b>	<b>3.7900e-003</b>	<b>0.4685</b>	<b>2.7900e-003</b>	<b>0.4713</b>	<b>0.1243</b>	<b>2.5700e-003</b>	<b>0.1269</b>		<b>377.0787</b>	<b>377.0787</b>	<b>0.0144</b>		<b>377.4382</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	13.1769					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.6911	5.6783	6.6424	0.0106		0.3127	0.3127		0.3008	0.3008	0.0000	1,011.6445	1,011.6445	0.1818		1,016.1891
<b>Total</b>	<b>13.8680</b>	<b>5.6783</b>	<b>6.6424</b>	<b>0.0106</b>		<b>0.3127</b>	<b>0.3127</b>		<b>0.3008</b>	<b>0.3008</b>	<b>0.0000</b>	<b>1,011.6445</b>	<b>1,011.6445</b>	<b>0.1818</b>		<b>1,016.1891</b>

Jessup, Rancho Mirage - Salton Sea Air Basin, Winter

**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	0.2438	0.1775	1.5898	3.7900e-003	0.4685	2.7900e-003	0.4713	0.1243	2.5700e-003	0.1269		377.0787	377.0787	0.0144		377.4382
<b>Total</b>	<b>0.2438</b>	<b>0.1775</b>	<b>1.5898</b>	<b>3.7900e-003</b>	<b>0.4685</b>	<b>2.7900e-003</b>	<b>0.4713</b>	<b>0.1243</b>	<b>2.5700e-003</b>	<b>0.1269</b>		<b>377.0787</b>	<b>377.0787</b>	<b>0.0144</b>		<b>377.4382</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

Jessup, Rancho Mirage - Salton Sea Air Basin, Winter

	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	4.2465	42.1529	40.9907	0.1527	8.8030	0.1024	8.9054	2.3624	0.0963	2.4587		15,688.53 99	15,688.53 99	1.4188		15,724.00 88
Unmitigated	4.2465	42.1529	40.9907	0.1527	8.8030	0.1024	8.9054	2.3624	0.0963	2.4587		15,688.53 99	15,688.53 99	1.4188		15,724.00 88

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Automobile Care Center	980.00	980.00	980.00	872,845	872,845
General Office Building	1,508.00	1,508.00	1508.00	3,218,283	3,218,283
Parking Lot	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
<b>Total</b>	<b>2,488.00</b>	<b>2,488.00</b>	<b>2,488.00</b>	<b>4,091,128</b>	<b>4,091,128</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
Automobile Care Center	12.50	4.20	5.40	33.00	48.00	19.00	21	51	28
General Office Building	12.50	4.20	5.40	33.00	48.00	19.00	77	19	4
Parking Lot	12.50	4.20	5.40	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	12.50	4.20	5.40	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Jessup, Rancho Mirage - Salton Sea Air Basin, Winter

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Automobile Care Center	0.490441	0.036099	0.183975	0.121725	0.015214	0.005252	0.022424	0.112230	0.002972	0.001873	0.006187	0.000783	0.000825
General Office Building	0.490441	0.036099	0.183975	0.121725	0.015214	0.005252	0.022424	0.112230	0.002972	0.001873	0.006187	0.000783	0.000825
Parking Lot	0.490441	0.036099	0.183975	0.121725	0.015214	0.005252	0.022424	0.112230	0.002972	0.001873	0.006187	0.000783	0.000825
Other Non-Asphalt Surfaces	0.490441	0.036099	0.183975	0.121725	0.015214	0.005252	0.022424	0.112230	0.002972	0.001873	0.006187	0.000783	0.000825

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

Category	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
	lb/day										lb/day					
NaturalGas Mitigated	0.0731	0.6649	0.5586	3.9900e-003		0.0505	0.0505		0.0505	0.0505		797.9243	797.9243	0.0153	0.0146	802.6659
NaturalGas Unmitigated	0.0731	0.6649	0.5586	3.9900e-003		0.0505	0.0505		0.0505	0.0505		797.9243	797.9243	0.0153	0.0146	802.6659

Jessup, Rancho Mirage - Salton Sea Air Basin, Winter

**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					
Automobile Care Center	6230.96	0.0672	0.6109	0.5131	3.6700e-003		0.0464	0.0464		0.0464	0.0464		733.0540	733.0540	0.0141	0.0134	737.4102
General Office Building	551.397	5.9500e-003	0.0541	0.0454	3.2000e-004		4.1100e-003	4.1100e-003		4.1100e-003	4.1100e-003		64.8703	64.8703	1.2400e-003	1.1900e-003	65.2558
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
Parking Lot	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>0.0732</b>	<b>0.6649</b>	<b>0.5586</b>	<b>3.9900e-003</b>		<b>0.0505</b>	<b>0.0505</b>		<b>0.0505</b>	<b>0.0505</b>		<b>797.9243</b>	<b>797.9243</b>	<b>0.0153</b>	<b>0.0146</b>	<b>802.6659</b>



Jessup, Rancho Mirage - Salton Sea Air Basin, Winter

**5.2 Energy by Land Use - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Automobile Care Center	6.23096	0.0672	0.6109	0.5131	3.6700e-003		0.0464	0.0464		0.0464	0.0464		733.0540	733.0540	0.0141	0.0134	737.4102
General Office Building	0.551397	5.9500e-003	0.0541	0.0454	3.2000e-004		4.1100e-003	4.1100e-003		4.1100e-003	4.1100e-003		64.8703	64.8703	1.2400e-003	1.1900e-003	65.2558
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
Parking Lot	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>0.0732</b>	<b>0.6649</b>	<b>0.5586</b>	<b>3.9900e-003</b>		<b>0.0505</b>	<b>0.0505</b>		<b>0.0505</b>	<b>0.0505</b>		<b>797.9243</b>	<b>797.9243</b>	<b>0.0153</b>	<b>0.0146</b>	<b>802.6659</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

Jessup, Rancho Mirage - Salton Sea Air Basin, Winter

	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	3.4827	1.3000e-004	0.0144	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0309	0.0309	8.0000e-005		0.0329
Unmitigated	3.4935	1.3000e-004	0.0144	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0309	0.0309	8.0000e-005		0.0329

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.5524					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.9398					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.3400e-003	1.3000e-004	0.0144	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0309	0.0309	8.0000e-005		0.0329
<b>Total</b>	<b>3.4935</b>	<b>1.3000e-004</b>	<b>0.0144</b>	<b>0.0000</b>		<b>5.0000e-005</b>	<b>5.0000e-005</b>		<b>5.0000e-005</b>	<b>5.0000e-005</b>		<b>0.0309</b>	<b>0.0309</b>	<b>8.0000e-005</b>		<b>0.0329</b>

Jessup, Rancho Mirage - Salton Sea Air Basin, Winter

**6.2 Area by SubCategory**

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.5416					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.9398					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.3400e-003	1.3000e-004	0.0144	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0309	0.0309	8.0000e-005		0.0329
<b>Total</b>	<b>3.4827</b>	<b>1.3000e-004</b>	<b>0.0144</b>	<b>0.0000</b>		<b>5.0000e-005</b>	<b>5.0000e-005</b>		<b>5.0000e-005</b>	<b>5.0000e-005</b>		<b>0.0309</b>	<b>0.0309</b>	<b>8.0000e-005</b>		<b>0.0329</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**

Jessup, Rancho Mirage - Salton Sea Air Basin, Winter

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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