

# Appendix D

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CalEEMod Output and NOx Calculations

Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, Annual

**Indio DT Specific Plan - Existing Conditions  
Riverside-Salton Sea County, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	251.51	1000sqft	5.77	251,507.00	0
Government (Civic Center)	29.50	1000sqft	0.68	29,500.00	0
Government Office Building	38.00	1000sqft	0.87	38,000.00	0
Junior College (2Yr)	98.00	1000sqft	2.25	98,000.00	0
Apartments Low Rise	32.00	Dwelling Unit	2.00	29,600.00	92
Single Family Housing	50.00	Dwelling Unit	16.23	60,000.00	143
Regional Shopping Center	211.59	1000sqft	4.86	211,595.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.4	<b>Precipitation Freq (Days)</b>	28
<b>Climate Zone</b>	15			<b>Operational Year</b>	2035
<b>Utility Company</b>	Imperial Irrigation District				
<b>CO2 Intensity (lb/MW hr)</b>	1270.9	<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**

Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, Annual

Project Characteristics - Existing Emissions - Plan Area (Operational Only)

Land Use - Government office building is City Hall/Library, Civic Center is Museum/IPAC, Junior College is COD/Loma Linda, residential square footage adjusted based on average single family and Small APT/Med 2 BR APT size

Construction Phase - Operational analysis only

Off-road Equipment - Operational Analysis

Trips and VMT - Operational Analysis

On-road Fugitive Dust - Operational Analysis

Demolition - Operational Analysis

Grading - Operational Analysis

Architectural Coating - Operational Analysis

Vehicle Trips - Traffic analysis does not provide trip generation for all existing land uses. Therefore, this analysis uses CalEEMod default trip generation estimates.

Area Coating - Assumes compliance with SCAQMD Rule 1113.

Energy Use -

Construction Off-road Equipment Mitigation - Operational analysis

Mobile Land Use Mitigation - Indio Bus Station located immediately east of Planning Area; Planning Area is located in downtown Indio.

Area Mitigation - Assumes compliance with SCAQMD Rule 1113.

Woodstoves - Age of existing residences unknown and may predate SCAQMD Rule 445. Therefore, CalEEMod defaults for fireplaces/woodstoves are assumed.

## Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, Annual

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	50
tblAreaCoating	Area_EF_Nonresidential_Interior	250	50
tblAreaCoating	Area_EF_Parking	250	50
tblAreaCoating	Area_EF_Residential_Exterior	250	50
tblAreaCoating	Area_EF_Residential_Interior	250	50
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstructionPhase	NumDays	30.00	0.00
tblConstructionPhase	PhaseEndDate	9/11/2019	7/31/2019
tblLandUse	LandUseSquareFeet	32,000.00	29,600.00
tblLandUse	LandUseSquareFeet	90,000.00	60,000.00
tblLandUse	LandUseSquareFeet	211,590.00	211,595.00

## 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)
		Highest		

**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	3.2450	0.0582	1.1196	1.5100e-003		0.0805	0.0805		0.0805	0.0805	8.3812	52.6756	61.0568	0.0276	1.2000e-003	62.1057
Energy	0.0268	0.2372	0.1605	1.4600e-003		0.0185	0.0185		0.0185	0.0185	0.0000	4,342.0634	4,342.0634	0.0981	0.0241	4,351.6987
Mobile	1.9786	20.3872	17.9024	0.1107	9.5792	0.0440	9.6231	2.5638	0.0410	2.6048	0.0000	10,361.6092	10,361.6092	0.4979	0.0000	10,374.0556
Waste						0.0000	0.0000		0.0000	0.0000	174.6352	0.0000	174.6352	10.3206	0.0000	432.6512
Water						0.0000	0.0000		0.0000	0.0000	26.6283	989.3819	1,016.0102	2.7576	0.0693	1,105.5856
<b>Total</b>	<b>5.2503</b>	<b>20.6826</b>	<b>19.1825</b>	<b>0.1136</b>	<b>9.5792</b>	<b>0.1429</b>	<b>9.7221</b>	<b>2.5638</b>	<b>0.1399</b>	<b>2.7037</b>	<b>209.6446</b>	<b>15,745.7301</b>	<b>15,955.3747</b>	<b>13.7018</b>	<b>0.0946</b>	<b>16,326.0968</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	3.2450	0.0582	1.1196	1.5100e-003		0.0805	0.0805		0.0805	0.0805	8.3812	52.6756	61.0568	0.0276	1.2000e-003	62.1057
Energy	0.0268	0.2372	0.1605	1.4600e-003		0.0185	0.0185		0.0185	0.0185	0.0000	4,342.0634	4,342.0634	0.0981	0.0241	4,351.6987
Mobile	1.8005	19.4545	13.4214	0.0798	6.0370	0.0312	6.0682	1.6158	0.0290	1.6448	0.0000	7,491.7395	7,491.7395	0.4322	0.0000	7,502.5439
Waste						0.0000	0.0000		0.0000	0.0000	174.6352	0.0000	174.6352	10.3206	0.0000	432.6512
Water						0.0000	0.0000		0.0000	0.0000	26.6283	989.3819	1,016.0102	2.7576	0.0693	1,105.5856
<b>Total</b>	<b>5.0722</b>	<b>19.7499</b>	<b>14.7015</b>	<b>0.0828</b>	<b>6.0370</b>	<b>0.1301</b>	<b>6.1671</b>	<b>1.6158</b>	<b>0.1280</b>	<b>1.7437</b>	<b>209.6446</b>	<b>12,875.8604</b>	<b>13,085.5050</b>	<b>13.6361</b>	<b>0.0946</b>	<b>13,454.5851</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
<b>Percent Reduction</b>	<b>3.39</b>	<b>4.51</b>	<b>23.36</b>	<b>27.16</b>	<b>36.98</b>	<b>8.94</b>	<b>36.57</b>	<b>36.98</b>	<b>8.52</b>	<b>35.51</b>	<b>0.00</b>	<b>18.23</b>	<b>17.99</b>	<b>0.48</b>	<b>0.00</b>	<b>17.59</b>

**3.0 Construction Detail**

**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	8/1/2019	7/31/2019	5	0	

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

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

**Acres of Paving: 0**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)**

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40

**Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**





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**3.2 Demolition - 2019**

**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	0.0000	0.0000	0.0000	0.0000	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>0.0000</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>0.0000</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>0.0000</b>	<b>0.0000</b>

**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	0.0000	0.0000	0.0000	0.0000	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>0.0000</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>0.0000</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>0.0000</b>	<b>0.0000</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

Improve Destination Accessibility

Increase Transit Accessibility

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.8005	19.4545	13.4214	0.0798	6.0370	0.0312	6.0682	1.6158	0.0290	1.6448	0.0000	7,491.7395	7,491.7395	0.4322	0.0000	7,502.5439
Unmitigated	1.9786	20.3872	17.9024	0.1107	9.5792	0.0440	9.6231	2.5638	0.0410	2.6048	0.0000	10,361.6092	10,361.6092	0.4979	0.0000	10,374.0556

**4.2 Trip Summary Information**

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	210.88	229.12	194.24	472,233	297,610
General Office Building	2,774.12	618.71	264.08	4,497,975	2,834,711
Government (Civic Center)	823.64	0.00	0.00	1,316,941	829,962
Government Office Building	2,619.34	0.00	0.00	2,799,309	1,764,179
Junior College (2Yr)	2,694.02	1,100.54	118.58	3,431,740	2,162,748
Regional Shopping Center	9,034.89	10,573.15	5340.53	11,558,047	7,284,104
Single Family Housing	476.00	495.50	431.00	1,056,626	665,906
<b>Total</b>	<b>18,632.90</b>	<b>13,017.02</b>	<b>6,348.43</b>	<b>25,132,871</b>	<b>15,839,220</b>

**4.3 Trip Type Information**

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Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	11.00	3.50	4.50	40.20	19.20	40.60	86	11	3
General Office Building	12.50	4.20	5.40	33.00	48.00	19.00	77	19	4
Government (Civic Center)	12.50	4.20	5.40	75.00	20.00	5.00	50	34	16
Government Office Building	12.50	4.20	5.40	33.00	62.00	5.00	50	34	16
Junior College (2Yr)	12.50	4.20	5.40	6.40	88.60	5.00	92	7	1
Regional Shopping Center	12.50	4.20	5.40	16.30	64.70	19.00	54	35	11
Single Family Housing	11.00	3.50	4.50	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
General Office Building	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Government (Civic Center)	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Government Office Building	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Junior College (2Yr)	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Regional Shopping Center	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Single Family Housing	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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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					
Electricity Mitigated							0.0000	0.0000		0.0000	0.0000	4,077.3668	4,077.3668	0.0930	0.0193	4,085.4292
Electricity Unmitigated							0.0000	0.0000		0.0000	0.0000	4,077.3668	4,077.3668	0.0930	0.0193	4,085.4292
NaturalGas Mitigated	0.0268	0.2372	0.1605	1.4600e-003			0.0185	0.0185		0.0185	0.0000	264.6966	264.6966	5.0700e-003	4.8500e-003	266.2696
NaturalGas Unmitigated	0.0268	0.2372	0.1605	1.4600e-003			0.0185	0.0185		0.0185	0.0000	264.6966	264.6966	5.0700e-003	4.8500e-003	266.2696

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**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	498384	2.6900e-003	0.0230	9.7700e-003	1.5000e-004		1.8600e-003	1.8600e-003		1.8600e-003	1.8600e-003	0.0000	26.5957	26.5957	5.1000e-004	4.9000e-004	26.7537
General Office Building	872729	4.7100e-003	0.0428	0.0359	2.6000e-004		3.2500e-003	3.2500e-003		3.2500e-003	3.2500e-003	0.0000	46.5722	46.5722	8.9000e-004	8.5000e-004	46.8489
Government (Civic Center)	102365	5.5000e-004	5.0200e-003	4.2200e-003	3.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004	0.0000	5.4626	5.4626	1.0000e-004	1.0000e-004	5.4951
Government Office Building	131860	7.1000e-004	6.4600e-003	5.4300e-003	4.0000e-005		4.9000e-004	4.9000e-004		4.9000e-004	4.9000e-004	0.0000	7.0366	7.0366	1.3000e-004	1.3000e-004	7.0784
Junior College (2Yr)	1.35534e+006	7.3100e-003	0.0664	0.0558	4.0000e-004		5.0500e-003	5.0500e-003		5.0500e-003	5.0500e-003	0.0000	72.3261	72.3261	1.3900e-003	1.3300e-003	72.7559
Regional Shopping Center	469741	2.5300e-003	0.0230	0.0193	1.4000e-004		1.7500e-003	1.7500e-003		1.7500e-003	1.7500e-003	0.0000	25.0672	25.0672	4.8000e-004	4.6000e-004	25.2161
Single Family Housing	1.52981e+006	8.2500e-003	0.0705	0.0300	4.5000e-004		5.7000e-003	5.7000e-003		5.7000e-003	5.7000e-003	0.0000	81.6364	81.6364	1.5600e-003	1.5000e-003	82.1215
<b>Total</b>		<b>0.0268</b>	<b>0.2372</b>	<b>0.1605</b>	<b>1.4700e-003</b>		<b>0.0185</b>	<b>0.0185</b>		<b>0.0185</b>	<b>0.0185</b>	<b>0.0000</b>	<b>264.6966</b>	<b>264.6966</b>	<b>5.0600e-003</b>	<b>4.8600e-003</b>	<b>266.2695</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					
Apartments Low Rise	498384	2.6900e-003	0.0230	9.7700e-003	1.5000e-004		1.8600e-003	1.8600e-003		1.8600e-003	1.8600e-003	0.0000	26.5957	26.5957	5.1000e-004	4.9000e-004	26.7537
General Office Building	872729	4.7100e-003	0.0428	0.0359	2.6000e-004		3.2500e-003	3.2500e-003		3.2500e-003	3.2500e-003	0.0000	46.5722	46.5722	8.9000e-004	8.5000e-004	46.8489
Government (Civic Center)	102365	5.5000e-004	5.0200e-003	4.2200e-003	3.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004	0.0000	5.4626	5.4626	1.0000e-004	1.0000e-004	5.4951
Government Office Building	131860	7.1000e-004	6.4600e-003	5.4300e-003	4.0000e-005		4.9000e-004	4.9000e-004		4.9000e-004	4.9000e-004	0.0000	7.0366	7.0366	1.3000e-004	1.3000e-004	7.0784
Junior College (2Yr)	1.35534e+006	7.3100e-003	0.0664	0.0558	4.0000e-004		5.0500e-003	5.0500e-003		5.0500e-003	5.0500e-003	0.0000	72.3261	72.3261	1.3900e-003	1.3300e-003	72.7559
Regional Shopping Center	469741	2.5300e-003	0.0230	0.0193	1.4000e-004		1.7500e-003	1.7500e-003		1.7500e-003	1.7500e-003	0.0000	25.0672	25.0672	4.8000e-004	4.6000e-004	25.2161
Single Family Housing	1.52981e+006	8.2500e-003	0.0705	0.0300	4.5000e-004		5.7000e-003	5.7000e-003		5.7000e-003	5.7000e-003	0.0000	81.6364	81.6364	1.5600e-003	1.5000e-003	82.1215
<b>Total</b>		<b>0.0268</b>	<b>0.2372</b>	<b>0.1605</b>	<b>1.4700e-003</b>		<b>0.0185</b>	<b>0.0185</b>		<b>0.0185</b>	<b>0.0185</b>	<b>0.0000</b>	<b>264.6966</b>	<b>264.6966</b>	<b>5.0600e-003</b>	<b>4.8600e-003</b>	<b>266.2695</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			
Apartments Low Rise	155528	89.6575	2.0500e-003	4.2000e-004	89.8348
General Office Building	2.39435e+006	1,380.2703	0.0315	6.5200e-003	1,382.9996
Government (Civic Center)	280840	161.8960	3.6900e-003	7.6000e-004	162.2161
Government Office Building	361760	208.5440	4.7600e-003	9.8000e-004	208.9564
Junior College (2Yr)	772240	445.1736	0.0102	2.1000e-003	446.0539
Regional Shopping Center	2.67244e+006	1,540.5857	0.0352	7.2700e-003	1,543.6320
Single Family Housing	435824	251.2397	5.7300e-003	1.1900e-003	251.7365
<b>Total</b>		<b>4,077.3668</b>	<b>0.0930</b>	<b>0.0192</b>	<b>4,085.4292</b>



Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, Annual

**5.3 Energy by Land Use - Electricity**

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	155528	89.6575	2.0500e-003	4.2000e-004	89.8348
General Office Building	2.39435e+006	1,380.2703	0.0315	6.5200e-003	1,382.9996
Government (Civic Center)	280840	161.8960	3.6900e-003	7.6000e-004	162.2161
Government Office Building	361760	208.5440	4.7600e-003	9.8000e-004	208.9564
Junior College (2Yr)	772240	445.1736	0.0102	2.1000e-003	446.0539
Regional Shopping Center	2.67244e+006	1,540.5857	0.0352	7.2700e-003	1,543.6320
Single Family Housing	435824	251.2397	5.7300e-003	1.1900e-003	251.7365
<b>Total</b>		<b>4,077.3668</b>	<b>0.0930</b>	<b>0.0192</b>	<b>4,085.4292</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior

Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	3.2450	0.0582	1.1196	1.5100e-003		0.0805	0.0805		0.0805	0.0805	8.3812	52.6756	61.0568	0.0276	1.2000e-003	62.1057
Unmitigated	3.2450	0.0582	1.1196	1.5100e-003		0.0805	0.0805		0.0805	0.0805	8.3812	52.6756	61.0568	0.0276	1.2000e-003	62.1057

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	0.1737					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.8049					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.2477	0.0512	0.5072	1.4800e-003		0.0771	0.0771		0.0771	0.0771	8.3812	51.6698	60.0510	0.0266	1.2000e-003	61.0755
Landscaping	0.0187	7.0500e-003	0.6125	3.0000e-005		3.4000e-003	3.4000e-003		3.4000e-003	3.4000e-003	0.0000	1.0058	1.0058	9.8000e-004	0.0000	1.0302
<b>Total</b>	<b>3.2450</b>	<b>0.0582</b>	<b>1.1196</b>	<b>1.5100e-003</b>		<b>0.0805</b>	<b>0.0805</b>		<b>0.0805</b>	<b>0.0805</b>	<b>8.3812</b>	<b>52.6756</b>	<b>61.0568</b>	<b>0.0276</b>	<b>1.2000e-003</b>	<b>62.1057</b>

Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, Annual

**6.2 Area by SubCategory**

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1737					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.8049					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.2477	0.0512	0.5072	1.4800e-003		0.0771	0.0771		0.0771	0.0771	8.3812	51.6698	60.0510	0.0266	1.2000e-003	61.0755
Landscaping	0.0187	7.0500e-003	0.6125	3.0000e-005		3.4000e-003	3.4000e-003		3.4000e-003	3.4000e-003	0.0000	1.0058	1.0058	9.8000e-004	0.0000	1.0302
<b>Total</b>	<b>3.2450</b>	<b>0.0582</b>	<b>1.1196</b>	<b>1.5100e-003</b>		<b>0.0805</b>	<b>0.0805</b>		<b>0.0805</b>	<b>0.0805</b>	<b>8.3812</b>	<b>52.6756</b>	<b>61.0568</b>	<b>0.0276</b>	<b>1.2000e-003</b>	<b>62.1057</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	1,016.010 2	2.7576	0.0693	1,105.585 6
Unmitigated	1,016.010 2	2.7576	0.0693	1,105.585 6

Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, Annual

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	2.08493 / 1.31441	24.7297	0.0685	1.7200e-003	26.9537
General Office Building	44.7018 / 27.3979	525.1958	1.4683	0.0368	572.8708
Government (Civic Center)	5.86046 / 3.5919	68.8538	0.1925	4.8300e-003	75.1040
Government Office Building	7.54907 / 4.62685	88.6930	0.2480	6.2200e-003	96.7442
Junior College (2Yr)	4.80681 / 7.51834	85.7578	0.1586	4.1000e-003	90.9422
Regional Shopping Center	15.673 / 9.60604	184.1401	0.5148	0.0129	200.8555
Single Family Housing	3.2577 / 2.05377	38.6401	0.1070	2.6800e-003	42.1152
<b>Total</b>		<b>1,016.0102</b>	<b>2.7576</b>	<b>0.0693</b>	<b>1,105.5856</b>

Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, Annual

**7.2 Water by Land Use**

**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	2.08493 / 1.31441	24.7297	0.0685	1.7200e-003	26.9537
General Office Building	44.7018 / 27.3979	525.1958	1.4683	0.0368	572.8708
Government (Civic Center)	5.86046 / 3.5919	68.8538	0.1925	4.8300e-003	75.1040
Government Office Building	7.54907 / 4.62685	88.6930	0.2480	6.2200e-003	96.7442
Junior College (2Yr)	4.80681 / 7.51834	85.7578	0.1586	4.1000e-003	90.9422
Regional Shopping Center	15.673 / 9.60604	184.1401	0.5148	0.0129	200.8555
Single Family Housing	3.2577 / 2.05377	38.6401	0.1070	2.6800e-003	42.1152
<b>Total</b>		<b>1,016.0102</b>	<b>2.7576</b>	<b>0.0693</b>	<b>1,105.5856</b>

**8.0 Waste Detail**

**8.1 Mitigation Measures Waste**

Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, Annual

**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	174.6352	10.3206	0.0000	432.6512
Unmitigated	174.6352	10.3206	0.0000	432.6512

## Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, Annual

**8.2 Waste by Land Use****Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	14.72	2.9880	0.1766	0.0000	7.4027
General Office Building	233.9	47.4796	2.8060	0.0000	117.6287
Government (Civic Center)	168.15	34.1329	2.0172	0.0000	84.5629
Government Office Building	35.34	7.1737	0.4240	0.0000	17.7725
Junior College (2Yr)	127.4	25.8611	1.5283	0.0000	64.0697
Regional Shopping Center	222.17	45.0985	2.6653	0.0000	111.7296
Single Family Housing	58.63	11.9014	0.7034	0.0000	29.4851
<b>Total</b>		<b>174.6352</b>	<b>10.3206</b>	<b>0.0000</b>	<b>432.6512</b>



Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, Annual

**8.2 Waste by Land Use**

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	14.72	2.9880	0.1766	0.0000	7.4027
General Office Building	233.9	47.4796	2.8060	0.0000	117.6287
Government (Civic Center)	168.15	34.1329	2.0172	0.0000	84.5629
Government Office Building	35.34	7.1737	0.4240	0.0000	17.7725
Junior College (2Yr)	127.4	25.8611	1.5283	0.0000	64.0697
Regional Shopping Center	222.17	45.0985	2.6653	0.0000	111.7296
Single Family Housing	58.63	11.9014	0.7034	0.0000	29.4851
<b>Total</b>		<b>174.6352</b>	<b>10.3206</b>	<b>0.0000</b>	<b>432.6512</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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Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, Annual

**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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Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, Summer

**Indio DT Specific Plan - Existing Conditions  
Riverside-Salton Sea County, Summer**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	251.51	1000sqft	5.77	251,507.00	0
Government (Civic Center)	29.50	1000sqft	0.68	29,500.00	0
Government Office Building	38.00	1000sqft	0.87	38,000.00	0
Junior College (2Yr)	98.00	1000sqft	2.25	98,000.00	0
Apartments Low Rise	32.00	Dwelling Unit	2.00	29,600.00	92
Single Family Housing	50.00	Dwelling Unit	16.23	60,000.00	143
Regional Shopping Center	211.59	1000sqft	4.86	211,595.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.4	<b>Precipitation Freq (Days)</b>	28
<b>Climate Zone</b>	15			<b>Operational Year</b>	2035
<b>Utility Company</b>	Imperial Irrigation District				
<b>CO2 Intensity (lb/MW hr)</b>	1270.9	<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**

Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, Summer

Project Characteristics - Existing Emissions - Plan Area (Operational Only)

Land Use - Government office building is City Hall/Library, Civic Center is Museum/IPAC, Junior College is COD/Loma Linda, residential square footage adjusted based on average single family and Small APT/Med 2 BR APT size

Construction Phase - Operational analysis only

Off-road Equipment - Operational Analysis

Trips and VMT - Operational Analysis

On-road Fugitive Dust - Operational Analysis

Demolition - Operational Analysis

Grading - Operational Analysis

Architectural Coating - Operational Analysis

Vehicle Trips - Traffic analysis does not provide trip generation for all existing land uses. Therefore, this analysis uses CalEEMod default trip generation estimates.

Area Coating - Assumes compliance with SCAQMD Rule 1113.

Energy Use -

Construction Off-road Equipment Mitigation - Operational analysis

Mobile Land Use Mitigation - Indio Bus Station located immediately east of Planning Area; Planning Area is located in downtown Indio.

Area Mitigation - Assumes compliance with SCAQMD Rule 1113.

Woodstoves - Age of existing residences unknown and may predate SCAQMD Rule 445. Therefore, CalEEMod defaults for fireplaces/woodstoves are assumed.

## Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, Summer

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	50
tblAreaCoating	Area_EF_Nonresidential_Interior	250	50
tblAreaCoating	Area_EF_Parking	250	50
tblAreaCoating	Area_EF_Residential_Exterior	250	50
tblAreaCoating	Area_EF_Residential_Interior	250	50
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstructionPhase	NumDays	30.00	0.00
tblConstructionPhase	PhaseEndDate	9/11/2019	7/31/2019
tblLandUse	LandUseSquareFeet	32,000.00	29,600.00
tblLandUse	LandUseSquareFeet	90,000.00	60,000.00
tblLandUse	LandUseSquareFeet	211,590.00	211,595.00

## 2.0 Emissions Summary

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Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, 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	22.5704	1.3260	19.1752	0.0365		1.9170	1.9170		1.9170	1.9170	225.3330	1,401.4953	1,626.8283	0.7283	0.0323	1,654.6708
Energy	0.1466	1.2996	0.8795	7.9900e-003		0.1013	0.1013		0.1013	0.1013		1,598.7838	1,598.7838	0.0306	0.0293	1,608.2846
Mobile	16.6328	141.4946	133.9477	0.8088	67.5172	0.3040	67.8212	18.0462	0.2831	18.3293		83,387.7064	83,387.7064	3.7035		83,480.2945
<b>Total</b>	<b>39.3497</b>	<b>144.1202</b>	<b>154.0024</b>	<b>0.8533</b>	<b>67.5172</b>	<b>2.3223</b>	<b>69.8395</b>	<b>18.0462</b>	<b>2.3014</b>	<b>20.3475</b>	<b>225.3330</b>	<b>86,387.9855</b>	<b>86,613.3184</b>	<b>4.4625</b>	<b>0.0616</b>	<b>86,743.2498</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	22.5704	1.3260	19.1752	0.0365		1.9170	1.9170		1.9170	1.9170	225.3330	1,401.4953	1,626.8283	0.7283	0.0323	1,654.6708
Energy	0.1466	1.2996	0.8795	7.9900e-003		0.1013	0.1013		0.1013	0.1013		1,598.7838	1,598.7838	0.0306	0.0293	1,608.2846
Mobile	15.3598	135.4271	97.4316	0.5830	42.5507	0.2154	42.7660	11.3730	0.2004	11.5734		60,276.0447	60,276.0447	3.1847		60,355.6623
<b>Total</b>	<b>38.0767</b>	<b>138.0528</b>	<b>117.4863</b>	<b>0.6275</b>	<b>42.5507</b>	<b>2.2336</b>	<b>44.7843</b>	<b>11.3730</b>	<b>2.2186</b>	<b>13.5916</b>	<b>225.3330</b>	<b>63,276.3238</b>	<b>63,501.6568</b>	<b>3.9436</b>	<b>0.0616</b>	<b>63,618.6177</b>

Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, 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	3.24	4.21	23.71	26.46	36.98	3.82	35.88	36.98	3.60	33.20	0.00	26.75	26.68	11.63	0.00	26.66

### 3.0 Construction Detail

#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	8/1/2019	7/31/2019	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

#### OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40

#### Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT





Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, Summer

**3.2 Demolition - 2019**

**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	0.0000	0.0000	0.0000	0.0000	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>0.0000</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>0.0000</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>0.0000</b>	<b>0.0000</b>

**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	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	0.0000	0.0000	0.0000	0.0000	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>0.0000</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>0.0000</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>0.0000</b>	<b>0.0000</b>

**4.0 Operational Detail - Mobile**

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Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, Summer

**4.1 Mitigation Measures Mobile**

Improve Destination Accessibility

Increase Transit Accessibility

	ROG	NOx	CO	SO2	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	15.3598	135.4271	97.4316	0.5830	42.5507	0.2154	42.7660	11.3730	0.2004	11.5734		60,276.04 47	60,276.04 47	3.1847		60,355.66 23
Unmitigated	16.6328	141.4946	133.9477	0.8088	67.5172	0.3040	67.8212	18.0462	0.2831	18.3293		83,387.70 64	83,387.70 64	3.7035		83,480.29 45

**4.2 Trip Summary Information**

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	210.88	229.12	194.24	472,233	297,610
General Office Building	2,774.12	618.71	264.08	4,497,975	2,834,711
Government (Civic Center)	823.64	0.00	0.00	1,316,941	829,962
Government Office Building	2,619.34	0.00	0.00	2,799,309	1,764,179
Junior College (2Yr)	2,694.02	1,100.54	118.58	3,431,740	2,162,748
Regional Shopping Center	9,034.89	10,573.15	5340.53	11,558,047	7,284,104
Single Family Housing	476.00	495.50	431.00	1,056,626	665,906
<b>Total</b>	<b>18,632.90</b>	<b>13,017.02</b>	<b>6,348.43</b>	<b>25,132,871</b>	<b>15,839,220</b>

**4.3 Trip Type Information**

Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, Summer

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	11.00	3.50	4.50	40.20	19.20	40.60	86	11	3
General Office Building	12.50	4.20	5.40	33.00	48.00	19.00	77	19	4
Government (Civic Center)	12.50	4.20	5.40	75.00	20.00	5.00	50	34	16
Government Office Building	12.50	4.20	5.40	33.00	62.00	5.00	50	34	16
Junior College (2Yr)	12.50	4.20	5.40	6.40	88.60	5.00	92	7	1
Regional Shopping Center	12.50	4.20	5.40	16.30	64.70	19.00	54	35	11
Single Family Housing	11.00	3.50	4.50	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
General Office Building	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Government (Civic Center)	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Government Office Building	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Junior College (2Yr)	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Regional Shopping Center	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Single Family Housing	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, 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					
NaturalGas Mitigated	0.1466	1.2996	0.8795	7.9900e-003		0.1013	0.1013		0.1013	0.1013		1,598.7838	1,598.7838	0.0306	0.0293	1,608.2846
NaturalGas Unmitigated	0.1466	1.2996	0.8795	7.9900e-003		0.1013	0.1013		0.1013	0.1013		1,598.7838	1,598.7838	0.0306	0.0293	1,608.2846

Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, 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					
Apartments Low Rise	1365.44	0.0147	0.1258	0.0536	8.0000e-004		0.0102	0.0102		0.0102	0.0102		160.6395	160.6395	3.0800e-003	2.9500e-003	161.5941
General Office Building	2391.04	0.0258	0.2344	0.1969	1.4100e-003		0.0178	0.0178		0.0178	0.0178		281.2987	281.2987	5.3900e-003	5.1600e-003	282.9703
Government (Civic Center)	280.452	3.0200e-003	0.0275	0.0231	1.6000e-004		2.0900e-003	2.0900e-003		2.0900e-003	2.0900e-003		32.9944	32.9944	6.3000e-004	6.0000e-004	33.1904
Government Office Building	361.26	3.9000e-003	0.0354	0.0298	2.1000e-004		2.6900e-003	2.6900e-003		2.6900e-003	2.6900e-003		42.5012	42.5012	8.1000e-004	7.8000e-004	42.7538
Junior College (2Yr)	3713.26	0.0400	0.3641	0.3058	2.1800e-003		0.0277	0.0277		0.0277	0.0277		436.8542	436.8542	8.3700e-003	8.0100e-003	439.4502
Regional Shopping Center	1286.96	0.0139	0.1262	0.1060	7.6000e-004		9.5900e-003	9.5900e-003		9.5900e-003	9.5900e-003		151.4072	151.4072	2.9000e-003	2.7800e-003	152.3070
Single Family Housing	4191.25	0.0452	0.3863	0.1644	2.4700e-003		0.0312	0.0312		0.0312	0.0312		493.0886	493.0886	9.4500e-003	9.0400e-003	496.0188
<b>Total</b>		<b>0.1466</b>	<b>1.2996</b>	<b>0.8795</b>	<b>7.9900e-003</b>		<b>0.1013</b>	<b>0.1013</b>		<b>0.1013</b>	<b>0.1013</b>		<b>1,598.7838</b>	<b>1,598.7838</b>	<b>0.0306</b>	<b>0.0293</b>	<b>1,608.2846</b>

Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, 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					
Apartments Low Rise	1.36544	0.0147	0.1258	0.0536	8.0000e-004		0.0102	0.0102		0.0102	0.0102		160.6395	160.6395	3.0800e-003	2.9500e-003	161.5941
General Office Building	2.39104	0.0258	0.2344	0.1969	1.4100e-003		0.0178	0.0178		0.0178	0.0178		281.2987	281.2987	5.3900e-003	5.1600e-003	282.9703
Government (Civic Center)	0.280452	3.0200e-003	0.0275	0.0231	1.6000e-004		2.0900e-003	2.0900e-003		2.0900e-003	2.0900e-003		32.9944	32.9944	6.3000e-004	6.0000e-004	33.1904
Government Office Building	0.36126	3.9000e-003	0.0354	0.0298	2.1000e-004		2.6900e-003	2.6900e-003		2.6900e-003	2.6900e-003		42.5012	42.5012	8.1000e-004	7.8000e-004	42.7538
Junior College (2Yr)	3.71326	0.0400	0.3641	0.3058	2.1800e-003		0.0277	0.0277		0.0277	0.0277		436.8542	436.8542	8.3700e-003	8.0100e-003	439.4502
Regional Shopping Center	1.28696	0.0139	0.1262	0.1060	7.6000e-004		9.5900e-003	9.5900e-003		9.5900e-003	9.5900e-003		151.4072	151.4072	2.9000e-003	2.7800e-003	152.3070
Single Family Housing	4.19125	0.0452	0.3863	0.1644	2.4700e-003		0.0312	0.0312		0.0312	0.0312		493.0886	493.0886	9.4500e-003	9.0400e-003	496.0188
<b>Total</b>		<b>0.1466</b>	<b>1.2996</b>	<b>0.8795</b>	<b>7.9900e-003</b>		<b>0.1013</b>	<b>0.1013</b>		<b>0.1013</b>	<b>0.1013</b>		<b>1,598.7838</b>	<b>1,598.7838</b>	<b>0.0306</b>	<b>0.0293</b>	<b>1,608.2846</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior

Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, 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	22.5704	1.3260	19.1752	0.0365		1.9170	1.9170		1.9170	1.9170	225.3330	1,401.4953	1,626.8283	0.7283	0.0323	1,654.6708
Unmitigated	22.5704	1.3260	19.1752	0.0365		1.9170	1.9170		1.9170	1.9170	225.3330	1,401.4953	1,626.8283	0.7283	0.0323	1,654.6708

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	0.9518					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	15.3695					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	6.0416	1.2476	12.3701	0.0361		1.8792	1.8792		1.8792	1.8792	225.3330	1,389.1765	1,614.5094	0.7164	0.0323	1,642.0532
Landscaping	0.2074	0.0784	6.8051	3.6000e-004		0.0377	0.0377		0.0377	0.0377		12.3189	12.3189	0.0120		12.6176
<b>Total</b>	<b>22.5704</b>	<b>1.3260</b>	<b>19.1752</b>	<b>0.0365</b>		<b>1.9170</b>	<b>1.9170</b>		<b>1.9170</b>	<b>1.9170</b>	<b>225.3330</b>	<b>1,401.4953</b>	<b>1,626.8283</b>	<b>0.7283</b>	<b>0.0323</b>	<b>1,654.6708</b>



Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, 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	0.9518					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	15.3695					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	6.0416	1.2476	12.3701	0.0361		1.8792	1.8792		1.8792	1.8792	225.3330	1,389.1765	1,614.5094	0.7164	0.0323	1,642.0532
Landscaping	0.2074	0.0784	6.8051	3.6000e-004		0.0377	0.0377		0.0377	0.0377		12.3189	12.3189	0.0120		12.6176
<b>Total</b>	<b>22.5704</b>	<b>1.3260</b>	<b>19.1752</b>	<b>0.0365</b>		<b>1.9170</b>	<b>1.9170</b>		<b>1.9170</b>	<b>1.9170</b>	<b>225.3330</b>	<b>1,401.4953</b>	<b>1,626.8283</b>	<b>0.7283</b>	<b>0.0323</b>	<b>1,654.6708</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**

Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, Summer

**Fire Pumps and Emergency Generators**

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

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

Equipment Type	Number
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**11.0 Vegetation**

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Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, Winter

**Indio DT Specific Plan - Existing Conditions**  
**Riverside-Salton Sea County, Winter**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	251.51	1000sqft	5.77	251,507.00	0
Government (Civic Center)	29.50	1000sqft	0.68	29,500.00	0
Government Office Building	38.00	1000sqft	0.87	38,000.00	0
Junior College (2Yr)	98.00	1000sqft	2.25	98,000.00	0
Apartments Low Rise	32.00	Dwelling Unit	2.00	29,600.00	92
Single Family Housing	50.00	Dwelling Unit	16.23	60,000.00	143
Regional Shopping Center	211.59	1000sqft	4.86	211,595.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.4	<b>Precipitation Freq (Days)</b>	28
<b>Climate Zone</b>	15			<b>Operational Year</b>	2035
<b>Utility Company</b>	Imperial Irrigation District				
<b>CO2 Intensity (lb/MW hr)</b>	1270.9	<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**

Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, Winter

Project Characteristics - Existing Emissions - Plan Area (Operational Only)

Land Use - Government office building is City Hall/Library, Civic Center is Museum/IPAC, Junior College is COD/Loma Linda, residential square footage adjusted based on average single family and Small APT/Med 2 BR APT size

Construction Phase - Operational analysis only

Off-road Equipment - Operational Analysis

Trips and VMT - Operational Analysis

On-road Fugitive Dust - Operational Analysis

Demolition - Operational Analysis

Grading - Operational Analysis

Architectural Coating - Operational Analysis

Vehicle Trips - Traffic analysis does not provide trip generation for all existing land uses. Therefore, this analysis uses CalEEMod default trip generation estimates.

Area Coating - Assumes compliance with SCAQMD Rule 1113.

Energy Use -

Construction Off-road Equipment Mitigation - Operational analysis

Mobile Land Use Mitigation - Indio Bus Station located immediately east of Planning Area; Planning Area is located in downtown Indio.

Area Mitigation - Assumes compliance with SCAQMD Rule 1113.

Woodstoves - Age of existing residences unknown and may predate SCAQMD Rule 445. Therefore, CalEEMod defaults for fireplaces/woodstoves are assumed.

## Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, Winter

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	50
tblAreaCoating	Area_EF_Nonresidential_Interior	250	50
tblAreaCoating	Area_EF_Parking	250	50
tblAreaCoating	Area_EF_Residential_Exterior	250	50
tblAreaCoating	Area_EF_Residential_Interior	250	50
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstructionPhase	NumDays	30.00	0.00
tblConstructionPhase	PhaseEndDate	9/11/2019	7/31/2019
tblLandUse	LandUseSquareFeet	32,000.00	29,600.00
tblLandUse	LandUseSquareFeet	90,000.00	60,000.00
tblLandUse	LandUseSquareFeet	211,590.00	211,595.00

## 2.0 Emissions Summary

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Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, 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	22.5704	1.3260	19.1752	0.0365		1.9170	1.9170		1.9170	1.9170	225.3330	1,401.4953	1,626.8283	0.7283	0.0323	1,654.6708
Energy	0.1466	1.2996	0.8795	7.9900e-003		0.1013	0.1013		0.1013	0.1013		1,598.7838	1,598.7838	0.0306	0.0293	1,608.2846
Mobile	13.6486	138.5805	122.7822	0.7445	67.5172	0.3065	67.8237	18.0462	0.2855	18.3317		76,827.7370	76,827.7370	3.9601		76,926.7382
<b>Total</b>	<b>36.3655</b>	<b>141.2061</b>	<b>142.8369</b>	<b>0.7890</b>	<b>67.5172</b>	<b>2.3247</b>	<b>69.8420</b>	<b>18.0462</b>	<b>2.3037</b>	<b>20.3499</b>	<b>225.3330</b>	<b>79,828.0161</b>	<b>80,053.3491</b>	<b>4.7190</b>	<b>0.0616</b>	<b>80,189.6935</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	22.5704	1.3260	19.1752	0.0365		1.9170	1.9170		1.9170	1.9170	225.3330	1,401.4953	1,626.8283	0.7283	0.0323	1,654.6708
Energy	0.1466	1.2996	0.8795	7.9900e-003		0.1013	0.1013		0.1013	0.1013		1,598.7838	1,598.7838	0.0306	0.0293	1,608.2846
Mobile	12.4274	132.1951	93.2791	0.5337	42.5507	0.2178	42.7685	11.3730	0.2027	11.5758		55,206.3950	55,206.3950	3.4624		55,292.9553
<b>Total</b>	<b>35.1443</b>	<b>134.8207</b>	<b>113.3338</b>	<b>0.5782</b>	<b>42.5507</b>	<b>2.2361</b>	<b>44.7867</b>	<b>11.3730</b>	<b>2.2210</b>	<b>13.5940</b>	<b>225.3330</b>	<b>58,206.6741</b>	<b>58,432.0071</b>	<b>4.2214</b>	<b>0.0616</b>	<b>58,555.9107</b>

Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, 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	3.36	4.52	20.66	26.72	36.98	3.81	35.87	36.98	3.59	33.20	0.00	27.08	27.01	10.55	0.00	26.98

### 3.0 Construction Detail

#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	8/1/2019	7/31/2019	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

#### OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40

#### Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT





Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, Winter

**3.2 Demolition - 2019**

**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	0.0000	0.0000	0.0000	0.0000	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>0.0000</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>0.0000</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>0.0000</b>	<b>0.0000</b>

**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	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	0.0000	0.0000	0.0000	0.0000	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>0.0000</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>0.0000</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>0.0000</b>	<b>0.0000</b>

**4.0 Operational Detail - Mobile**

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Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, Winter

**4.1 Mitigation Measures Mobile**

Improve Destination Accessibility

Increase Transit Accessibility

	ROG	NOx	CO	SO2	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	12.4274	132.1951	93.2791	0.5337	42.5507	0.2178	42.7685	11.3730	0.2027	11.5758		55,206.39 50	55,206.39 50	3.4624		55,292.95 53
Unmitigated	13.6486	138.5805	122.7822	0.7445	67.5172	0.3065	67.8237	18.0462	0.2855	18.3317		76,827.73 70	76,827.73 70	3.9601		76,926.73 82

**4.2 Trip Summary Information**

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	210.88	229.12	194.24	472,233	297,610
General Office Building	2,774.12	618.71	264.08	4,497,975	2,834,711
Government (Civic Center)	823.64	0.00	0.00	1,316,941	829,962
Government Office Building	2,619.34	0.00	0.00	2,799,309	1,764,179
Junior College (2Yr)	2,694.02	1,100.54	118.58	3,431,740	2,162,748
Regional Shopping Center	9,034.89	10,573.15	5340.53	11,558,047	7,284,104
Single Family Housing	476.00	495.50	431.00	1,056,626	665,906
<b>Total</b>	<b>18,632.90</b>	<b>13,017.02</b>	<b>6,348.43</b>	<b>25,132,871</b>	<b>15,839,220</b>

**4.3 Trip Type Information**

Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, Winter

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	11.00	3.50	4.50	40.20	19.20	40.60	86	11	3
General Office Building	12.50	4.20	5.40	33.00	48.00	19.00	77	19	4
Government (Civic Center)	12.50	4.20	5.40	75.00	20.00	5.00	50	34	16
Government Office Building	12.50	4.20	5.40	33.00	62.00	5.00	50	34	16
Junior College (2Yr)	12.50	4.20	5.40	6.40	88.60	5.00	92	7	1
Regional Shopping Center	12.50	4.20	5.40	16.30	64.70	19.00	54	35	11
Single Family Housing	11.00	3.50	4.50	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
General Office Building	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Government (Civic Center)	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Government Office Building	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Junior College (2Yr)	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Regional Shopping Center	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Single Family Housing	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, 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					
NaturalGas Mitigated	0.1466	1.2996	0.8795	7.9900e-003		0.1013	0.1013		0.1013	0.1013		1,598.7838	1,598.7838	0.0306	0.0293	1,608.2846
NaturalGas Unmitigated	0.1466	1.2996	0.8795	7.9900e-003		0.1013	0.1013		0.1013	0.1013		1,598.7838	1,598.7838	0.0306	0.0293	1,608.2846

Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, 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					
Apartments Low Rise	1365.44	0.0147	0.1258	0.0536	8.0000e-004		0.0102	0.0102		0.0102	0.0102		160.6395	160.6395	3.0800e-003	2.9500e-003	161.5941
General Office Building	2391.04	0.0258	0.2344	0.1969	1.4100e-003		0.0178	0.0178		0.0178	0.0178		281.2987	281.2987	5.3900e-003	5.1600e-003	282.9703
Government (Civic Center)	280.452	3.0200e-003	0.0275	0.0231	1.6000e-004		2.0900e-003	2.0900e-003		2.0900e-003	2.0900e-003		32.9944	32.9944	6.3000e-004	6.0000e-004	33.1904
Government Office Building	361.26	3.9000e-003	0.0354	0.0298	2.1000e-004		2.6900e-003	2.6900e-003		2.6900e-003	2.6900e-003		42.5012	42.5012	8.1000e-004	7.8000e-004	42.7538
Junior College (2Yr)	3713.26	0.0400	0.3641	0.3058	2.1800e-003		0.0277	0.0277		0.0277	0.0277		436.8542	436.8542	8.3700e-003	8.0100e-003	439.4502
Regional Shopping Center	1286.96	0.0139	0.1262	0.1060	7.6000e-004		9.5900e-003	9.5900e-003		9.5900e-003	9.5900e-003		151.4072	151.4072	2.9000e-003	2.7800e-003	152.3070
Single Family Housing	4191.25	0.0452	0.3863	0.1644	2.4700e-003		0.0312	0.0312		0.0312	0.0312		493.0886	493.0886	9.4500e-003	9.0400e-003	496.0188
<b>Total</b>		<b>0.1466</b>	<b>1.2996</b>	<b>0.8795</b>	<b>7.9900e-003</b>		<b>0.1013</b>	<b>0.1013</b>		<b>0.1013</b>	<b>0.1013</b>		<b>1,598.7838</b>	<b>1,598.7838</b>	<b>0.0306</b>	<b>0.0293</b>	<b>1,608.2846</b>

Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, 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					
Apartments Low Rise	1.36544	0.0147	0.1258	0.0536	8.0000e-004		0.0102	0.0102		0.0102	0.0102		160.6395	160.6395	3.0800e-003	2.9500e-003	161.5941
General Office Building	2.39104	0.0258	0.2344	0.1969	1.4100e-003		0.0178	0.0178		0.0178	0.0178		281.2987	281.2987	5.3900e-003	5.1600e-003	282.9703
Government (Civic Center)	0.280452	3.0200e-003	0.0275	0.0231	1.6000e-004		2.0900e-003	2.0900e-003		2.0900e-003	2.0900e-003		32.9944	32.9944	6.3000e-004	6.0000e-004	33.1904
Government Office Building	0.36126	3.9000e-003	0.0354	0.0298	2.1000e-004		2.6900e-003	2.6900e-003		2.6900e-003	2.6900e-003		42.5012	42.5012	8.1000e-004	7.8000e-004	42.7538
Junior College (2Yr)	3.71326	0.0400	0.3641	0.3058	2.1800e-003		0.0277	0.0277		0.0277	0.0277		436.8542	436.8542	8.3700e-003	8.0100e-003	439.4502
Regional Shopping Center	1.28696	0.0139	0.1262	0.1060	7.6000e-004		9.5900e-003	9.5900e-003		9.5900e-003	9.5900e-003		151.4072	151.4072	2.9000e-003	2.7800e-003	152.3070
Single Family Housing	4.19125	0.0452	0.3863	0.1644	2.4700e-003		0.0312	0.0312		0.0312	0.0312		493.0886	493.0886	9.4500e-003	9.0400e-003	496.0188
<b>Total</b>		<b>0.1466</b>	<b>1.2996</b>	<b>0.8795</b>	<b>7.9900e-003</b>		<b>0.1013</b>	<b>0.1013</b>		<b>0.1013</b>	<b>0.1013</b>		<b>1,598.7838</b>	<b>1,598.7838</b>	<b>0.0306</b>	<b>0.0293</b>	<b>1,608.2846</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior

Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, 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	22.5704	1.3260	19.1752	0.0365		1.9170	1.9170		1.9170	1.9170	225.3330	1,401.4953	1,626.8283	0.7283	0.0323	1,654.6708
Unmitigated	22.5704	1.3260	19.1752	0.0365		1.9170	1.9170		1.9170	1.9170	225.3330	1,401.4953	1,626.8283	0.7283	0.0323	1,654.6708

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	0.9518					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	15.3695					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	6.0416	1.2476	12.3701	0.0361		1.8792	1.8792		1.8792	1.8792	225.3330	1,389.1765	1,614.5094	0.7164	0.0323	1,642.0532
Landscaping	0.2074	0.0784	6.8051	3.6000e-004		0.0377	0.0377		0.0377	0.0377		12.3189	12.3189	0.0120		12.6176
<b>Total</b>	<b>22.5704</b>	<b>1.3260</b>	<b>19.1752</b>	<b>0.0365</b>		<b>1.9170</b>	<b>1.9170</b>		<b>1.9170</b>	<b>1.9170</b>	<b>225.3330</b>	<b>1,401.4953</b>	<b>1,626.8283</b>	<b>0.7283</b>	<b>0.0323</b>	<b>1,654.6708</b>



Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, 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	0.9518					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	15.3695					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	6.0416	1.2476	12.3701	0.0361		1.8792	1.8792		1.8792	1.8792	225.3330	1,389.1765	1,614.5094	0.7164	0.0323	1,642.0532
Landscaping	0.2074	0.0784	6.8051	3.6000e-004		0.0377	0.0377		0.0377	0.0377		12.3189	12.3189	0.0120		12.6176
<b>Total</b>	<b>22.5704</b>	<b>1.3260</b>	<b>19.1752</b>	<b>0.0365</b>		<b>1.9170</b>	<b>1.9170</b>		<b>1.9170</b>	<b>1.9170</b>	<b>225.3330</b>	<b>1,401.4953</b>	<b>1,626.8283</b>	<b>0.7283</b>	<b>0.0323</b>	<b>1,654.6708</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**

Indio DT Specific Plan - Existing Conditions - Riverside-Salton Sea County, Winter

**Fire Pumps and Emergency Generators**

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

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

Equipment Type	Number
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**11.0 Vegetation**

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Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Annual

**Indio Downtown Specific Plan - Future Buildout  
Riverside-Salton Sea County, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Regional Shopping Center	30.00	1000sqft	0.69	30,000.00	0
Hotel	350.00	Room	11.67	175,000.00	0
General Office Building	500.00	1000sqft	11.48	500,000.00	0
Regional Shopping Center	333.85	1000sqft	7.66	333,850.00	0
Government Office Building	35.00	1000sqft	0.80	35,000.00	0
Government (Civic Center)	29.00	1000sqft	0.67	29,000.00	0
Junior College (2Yr)	150.00	1000sqft	3.44	150,000.00	0
Apartments Mid Rise	894.00	Dwelling Unit	23.53	739,200.00	2557
Condo/Townhouse	244.00	Dwelling Unit	15.25	313,800.00	698
Single Family Housing	50.00	Dwelling Unit	16.23	60,000.00	143
High Turnover (Sit Down Restaurant)	122.40	1000sqft	2.81	122,400.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.4	<b>Precipitation Freq (Days)</b>	28
<b>Climate Zone</b>	15			<b>Operational Year</b>	2035
<b>Utility Company</b>	Imperial Irrigation District				
<b>CO2 Intensity (lb/MWhr)</b>	1270.9	<b>CH4 Intensity (lb/MWhr)</b>	0.029	<b>N2O Intensity (lb/MWhr)</b>	0.006

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

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Annual

Project Characteristics - Indio Downtown Specific Plan Operational Analysis for Future Buildout

Land Use - Government office building is City Hall/Library, Civic Center is Museum/IPAC, hotel and residential square footage adjusted based on average square footage. Approximately 50% of new retail would be restaurant.

Construction Phase - Operational analysis

Off-road Equipment - Operational analysis

Grading - Operational analysis

Demolition - Operational analysis

Trips and VMT - Operational analysis

On-road Fugitive Dust - Operational analysis

Architectural Coating - Operational analysis

Vehicle Trips - Weekday trip rate adjusted per project traffic analysis. Civic use and single family residential trips remain at default.

Woodstoves - New multi-family housing would not have wood fireplaces (per SCAQMD Rule 445). Wood fireplaces added to gas fire places for these land uses.

Area Coating - Assumes compliance with SCAQMD Rule 1113

Energy Use -

Construction Off-road Equipment Mitigation - Operational analysis

Mobile Land Use Mitigation - Project would increase overall Plan Area density from approximately 0.63 DU/acre to approximately 10.15 DU/acre. Plan Area is Downtown Indio, adjacent to Indio Bus Station

Area Mitigation - Assumes compliance with SCAQMD Rule 1113

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Annual

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	50
tblAreaCoating	Area_EF_Nonresidential_Interior	250	50
tblAreaCoating	Area_EF_Parking	250	50
tblAreaCoating	Area_EF_Residential_Exterior	250	50
tblAreaCoating	Area_EF_Residential_Interior	250	50
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblFireplaces	NumberGas	715.20	804.60
tblFireplaces	NumberGas	195.20	219.60
tblFireplaces	NumberWood	89.40	0.00
tblFireplaces	NumberWood	24.40	0.00
tblLandUse	LandUseSquareFeet	508,200.00	175,000.00
tblLandUse	LandUseSquareFeet	894,000.00	739,200.00
tblLandUse	LandUseSquareFeet	244,000.00	313,800.00
tblLandUse	LandUseSquareFeet	90,000.00	60,000.00
tblVehicleTrips	WD_TR	6.65	5.44
tblVehicleTrips	WD_TR	5.81	5.44
tblVehicleTrips	WD_TR	11.03	9.74
tblVehicleTrips	WD_TR	8.17	8.36
tblVehicleTrips	WD_TR	27.49	20.25
tblVehicleTrips	WD_TR	42.70	37.76
tblVehicleTrips	WD_TR	127.15	112.18

**2.0 Emissions Summary**

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Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Annual

**2.1 Overall Construction**

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2019	0.1985	1.9966	1.2270	2.1800e-003	0.0881	0.1006	0.1887	0.0465	0.0934	0.1399	0.0000	194.4558	194.4558	0.0532	0.0000	195.7857
2020	0.6787	6.5539	4.7323	0.0117	1.5027	0.2624	1.7652	0.6313	0.2422	0.8736	0.0000	1,047.5868	1,047.5868	0.2057	0.0000	1,052.7292
2021	0.9468	6.6643	7.1774	0.0262	1.6467	0.1405	1.7872	0.4426	0.1320	0.5746	0.0000	2,404.7066	2,404.7066	0.1835	0.0000	2,409.2936
2022	0.8728	6.1532	6.7328	0.0255	1.6404	0.1192	1.7596	0.4409	0.1121	0.5529	0.0000	2,345.4566	2,345.4566	0.1751	0.0000	2,349.8332
2023	0.7989	5.0788	6.3169	0.0248	1.6404	0.1018	1.7421	0.4409	0.0956	0.5365	0.0000	2,277.8163	2,277.8163	0.1532	0.0000	2,281.6469
2024	0.7600	4.9497	6.0984	0.0245	1.6530	0.0911	1.7441	0.4443	0.0856	0.5298	0.0000	2,252.9340	2,252.9340	0.1506	0.0000	2,256.6998
2025	0.7143	4.7494	5.7971	0.0239	1.6467	0.0794	1.7260	0.4426	0.0746	0.5171	0.0000	2,196.8548	2,196.8548	0.1462	0.0000	2,200.5096
2026	0.5353	3.7262	4.5791	0.0179	1.2031	0.0725	1.2756	0.3233	0.0678	0.3911	0.0000	1,642.6897	1,642.6897	0.1271	0.0000	1,645.8674
2027	33.4098	0.2489	0.6171	1.4800e-003	0.1219	0.0116	0.1335	0.0324	0.0109	0.0433	0.0000	132.4248	132.4248	0.0147	0.0000	132.7924
<b>Maximum</b>	<b>33.4098</b>	<b>6.6643</b>	<b>7.1774</b>	<b>0.0262</b>	<b>1.6530</b>	<b>0.2624</b>	<b>1.7872</b>	<b>0.6313</b>	<b>0.2422</b>	<b>0.8736</b>	<b>0.0000</b>	<b>2,404.7066</b>	<b>2,404.7066</b>	<b>0.2057</b>	<b>0.0000</b>	<b>2,409.2936</b>

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**2.1 Overall Construction**

**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2019	0.1985	1.9966	1.2270	2.1800e-003	0.0881	0.1006	0.1887	0.0465	0.0934	0.1399	0.0000	194.4556	194.4556	0.0532	0.0000	195.7855
2020	0.6787	6.5539	4.7323	0.0117	1.5027	0.2624	1.7652	0.6313	0.2422	0.8736	0.0000	1,047.5861	1,047.5861	0.2057	0.0000	1,052.7285
2021	0.9468	6.6643	7.1774	0.0262	1.6467	0.1405	1.7872	0.4426	0.1320	0.5746	0.0000	2,404.7062	2,404.7062	0.1835	0.0000	2,409.2932
2022	0.8728	6.1532	6.7328	0.0255	1.6404	0.1192	1.7596	0.4409	0.1121	0.5529	0.0000	2,345.4563	2,345.4563	0.1751	0.0000	2,349.8328
2023	0.7989	5.0788	6.3169	0.0248	1.6404	0.1018	1.7421	0.4409	0.0956	0.5365	0.0000	2,277.8160	2,277.8160	0.1532	0.0000	2,281.6466
2024	0.7600	4.9497	6.0984	0.0245	1.6530	0.0911	1.7441	0.4443	0.0856	0.5298	0.0000	2,252.9336	2,252.9336	0.1506	0.0000	2,256.6994
2025	0.7143	4.7494	5.7971	0.0239	1.6467	0.0794	1.7260	0.4426	0.0746	0.5171	0.0000	2,196.8545	2,196.8545	0.1462	0.0000	2,200.5092
2026	0.5353	3.7262	4.5791	0.0179	1.2031	0.0725	1.2756	0.3233	0.0678	0.3911	0.0000	1,642.6894	1,642.6894	0.1271	0.0000	1,645.8670
2027	33.4098	0.2489	0.6171	1.4800e-003	0.1219	0.0116	0.1335	0.0324	0.0109	0.0433	0.0000	132.4247	132.4247	0.0147	0.0000	132.7923
<b>Maximum</b>	<b>33.4098</b>	<b>6.6643</b>	<b>7.1774</b>	<b>0.0262</b>	<b>1.6530</b>	<b>0.2624</b>	<b>1.7872</b>	<b>0.6313</b>	<b>0.2422</b>	<b>0.8736</b>	<b>0.0000</b>	<b>2,404.7062</b>	<b>2,404.7062</b>	<b>0.2057</b>	<b>0.0000</b>	<b>2,409.2932</b>

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

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	8-1-2019	10-31-2019	1.2947	1.2947

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2	11-1-2019	1-31-2020	1.4238	1.4238
3	2-1-2020	4-30-2020	1.6440	1.6440
4	5-1-2020	7-31-2020	1.7999	1.7999
5	8-1-2020	10-31-2020	1.8559	1.8559
6	11-1-2020	1-31-2021	2.0377	2.0377
7	2-1-2021	4-30-2021	1.8518	1.8518
8	5-1-2021	7-31-2021	1.9242	1.9242
9	8-1-2021	10-31-2021	1.9191	1.9191
10	11-1-2021	1-31-2022	1.8619	1.8619
11	2-1-2022	4-30-2022	1.7164	1.7164
12	5-1-2022	7-31-2022	1.7843	1.7843
13	8-1-2022	10-31-2022	1.7792	1.7792
14	11-1-2022	1-31-2023	1.6730	1.6730
15	2-1-2023	4-30-2023	1.4398	1.4398
16	5-1-2023	7-31-2023	1.4974	1.4974
17	8-1-2023	10-31-2023	1.4928	1.4928
18	11-1-2023	1-31-2024	1.4657	1.4657
19	2-1-2024	4-30-2024	1.4034	1.4034
20	5-1-2024	7-31-2024	1.4432	1.4432
21	8-1-2024	10-31-2024	1.4388	1.4388
22	11-1-2024	1-31-2025	1.4112	1.4112
23	2-1-2025	4-30-2025	1.3331	1.3331
24	5-1-2025	7-31-2025	1.3864	1.3864
25	8-1-2025	10-31-2025	1.3821	1.3821
26	11-1-2025	1-31-2026	1.3673	1.3673
27	2-1-2026	4-30-2026	1.3145	1.3145
28	5-1-2026	7-31-2026	1.3670	1.3670



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29	8-1-2026	10-31-2026	0.9321	0.9321
30	11-1-2026	1-31-2027	0.3140	0.3140
31	2-1-2027	4-30-2027	14.2110	14.2110
32	5-1-2027	7-31-2027	19.3462	19.3462
		Highest	19.3462	19.3462

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	11.2654	0.8862	12.8964	0.0172		0.7210	0.7210		0.7210	0.7210	81.2694	852.6536	933.9230	0.4015	0.0155	948.5869
Energy	0.3726	3.3274	2.4076	0.0203		0.2574	0.2574		0.2574	0.2574	0.0000	18,692.0355	18,692.0355	0.4131	0.1384	18,743.6163
Mobile	5.5999	58.4472	48.2982	0.2960	24.8977	0.1172	25.0149	6.6638	0.1091	6.7729	0.0000	27,725.9430	27,725.9430	1.3918	0.0000	27,760.7389
Waste						0.0000	0.0000		0.0000	0.0000	704.4172	0.0000	704.4172	41.6299	0.0000	1,745.1638
Water						0.0000	0.0000		0.0000	0.0000	82.2714	2,858.8169	2,941.0883	8.5153	0.2130	3,217.4510
<b>Total</b>	<b>17.2379</b>	<b>62.6608</b>	<b>63.6022</b>	<b>0.3335</b>	<b>24.8977</b>	<b>1.0957</b>	<b>25.9934</b>	<b>6.6638</b>	<b>1.0876</b>	<b>7.7514</b>	<b>867.9580</b>	<b>50,129.4490</b>	<b>50,997.4070</b>	<b>52.3516</b>	<b>0.3670</b>	<b>52,415.5570</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	11.2654	0.8862	12.8964	0.0172		0.7210	0.7210		0.7210	0.7210	81.2694	852.6536	933.9230	0.4015	0.0155	948.5869
Energy	0.3726	3.3274	2.4076	0.0203		0.2574	0.2574		0.2574	0.2574	0.0000	18,692.0355	18,692.0355	0.4131	0.1384	18,743.6163
Mobile	5.1231	55.9500	36.3003	0.2133	15.4136	0.0830	15.4966	4.1254	0.0772	4.2026	0.0000	20,041.8790	20,041.8790	1.2160	0.0000	20,072.2787
Waste						0.0000	0.0000		0.0000	0.0000	704.4172	0.0000	704.4172	41.6299	0.0000	1,745.1638
Water						0.0000	0.0000		0.0000	0.0000	82.2714	2,858.8169	2,941.0883	8.5153	0.2130	3,217.4510
<b>Total</b>	<b>16.7610</b>	<b>60.1635</b>	<b>51.6043</b>	<b>0.2509</b>	<b>15.4136</b>	<b>1.0615</b>	<b>16.4750</b>	<b>4.1254</b>	<b>1.0557</b>	<b>5.1810</b>	<b>867.9580</b>	<b>42,445.3850</b>	<b>43,313.3430</b>	<b>52.1757</b>	<b>0.3670</b>	<b>44,727.0968</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
<b>Percent Reduction</b>	<b>2.77</b>	<b>3.99</b>	<b>18.86</b>	<b>24.78</b>	<b>38.09</b>	<b>3.12</b>	<b>36.62</b>	<b>38.09</b>	<b>2.94</b>	<b>33.16</b>	<b>0.00</b>	<b>15.33</b>	<b>15.07</b>	<b>0.34</b>	<b>0.00</b>	<b>14.67</b>

**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	Demolition	Demolition	8/1/2019	12/18/2019	5	100	
2	Site Preparation	Site Preparation	12/19/2019	3/11/2020	5	60	
3	Grading	Grading	3/12/2020	10/14/2020	5	155	
4	Building Construction	Building Construction	10/15/2020	9/23/2026	5	1550	
5	Paving	Paving	9/24/2026	2/24/2027	5	110	
6	Architectural Coating	Architectural Coating	2/25/2027	7/28/2027	5	110	

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

**Acres of Grading (Grading Phase): 387.5**

**Acres of Paving: 0**

**Residential Indoor: 2,253,825; Residential Outdoor: 751,275; Non-Residential Indoor: 2,062,875; Non-Residential Outdoor: 687,625; Striped Parking Area: 0 (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	1	6.00	78	0.48
Demolition	Excavators	3	8.00	158	0.38
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
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
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
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

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Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
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	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	1,322.00	352.00	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	1	264.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

**3.2 Demolition - 2019**

**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	0.1757	1.7892	1.1030	1.9400e-003		0.0898	0.0898		0.0835	0.0835	0.0000	173.1316	173.1316	0.0482	0.0000	174.3357
<b>Total</b>	<b>0.1757</b>	<b>1.7892</b>	<b>1.1030</b>	<b>1.9400e-003</b>		<b>0.0898</b>	<b>0.0898</b>		<b>0.0835</b>	<b>0.0835</b>	<b>0.0000</b>	<b>173.1316</b>	<b>173.1316</b>	<b>0.0482</b>	<b>0.0000</b>	<b>174.3357</b>

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**3.2 Demolition - 2019**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0200e-003	2.1000e-003	0.0223	6.0000e-005	6.1700e-003	4.0000e-005	6.2100e-003	1.6400e-003	4.0000e-005	1.6800e-003	0.0000	5.3685	5.3685	1.5000e-004	0.0000	5.3723
<b>Total</b>	<b>3.0200e-003</b>	<b>2.1000e-003</b>	<b>0.0223</b>	<b>6.0000e-005</b>	<b>6.1700e-003</b>	<b>4.0000e-005</b>	<b>6.2100e-003</b>	<b>1.6400e-003</b>	<b>4.0000e-005</b>	<b>1.6800e-003</b>	<b>0.0000</b>	<b>5.3685</b>	<b>5.3685</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>5.3723</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	0.1757	1.7892	1.1030	1.9400e-003		0.0898	0.0898		0.0835	0.0835	0.0000	173.1314	173.1314	0.0482	0.0000	174.3355
<b>Total</b>	<b>0.1757</b>	<b>1.7892</b>	<b>1.1030</b>	<b>1.9400e-003</b>		<b>0.0898</b>	<b>0.0898</b>		<b>0.0835</b>	<b>0.0835</b>	<b>0.0000</b>	<b>173.1314</b>	<b>173.1314</b>	<b>0.0482</b>	<b>0.0000</b>	<b>174.3355</b>

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**3.2 Demolition - 2019**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0200e-003	2.1000e-003	0.0223	6.0000e-005	6.1700e-003	4.0000e-005	6.2100e-003	1.6400e-003	4.0000e-005	1.6800e-003	0.0000	5.3685	5.3685	1.5000e-004	0.0000	5.3723
<b>Total</b>	<b>3.0200e-003</b>	<b>2.1000e-003</b>	<b>0.0223</b>	<b>6.0000e-005</b>	<b>6.1700e-003</b>	<b>4.0000e-005</b>	<b>6.2100e-003</b>	<b>1.6400e-003</b>	<b>4.0000e-005</b>	<b>1.6800e-003</b>	<b>0.0000</b>	<b>5.3685</b>	<b>5.3685</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>5.3723</b>

**3.3 Site Preparation - 2019**

**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					0.0813	0.0000	0.0813	0.0447	0.0000	0.0447	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0195	0.2051	0.0993	1.7000e-004		0.0108	0.0108		9.9000e-003	9.9000e-003	0.0000	15.3759	15.3759	4.8600e-003	0.0000	15.4975
<b>Total</b>	<b>0.0195</b>	<b>0.2051</b>	<b>0.0993</b>	<b>1.7000e-004</b>	<b>0.0813</b>	<b>0.0108</b>	<b>0.0921</b>	<b>0.0447</b>	<b>9.9000e-003</b>	<b>0.0546</b>	<b>0.0000</b>	<b>15.3759</b>	<b>15.3759</b>	<b>4.8600e-003</b>	<b>0.0000</b>	<b>15.4975</b>

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**3.3 Site Preparation - 2019**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3000e-004	2.3000e-004	2.4100e-003	1.0000e-005	6.7000e-004	0.0000	6.7000e-004	1.8000e-004	0.0000	1.8000e-004	0.0000	0.5798	0.5798	2.0000e-005	0.0000	0.5802
<b>Total</b>	<b>3.3000e-004</b>	<b>2.3000e-004</b>	<b>2.4100e-003</b>	<b>1.0000e-005</b>	<b>6.7000e-004</b>	<b>0.0000</b>	<b>6.7000e-004</b>	<b>1.8000e-004</b>	<b>0.0000</b>	<b>1.8000e-004</b>	<b>0.0000</b>	<b>0.5798</b>	<b>0.5798</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.5802</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					0.0813	0.0000	0.0813	0.0447	0.0000	0.0447	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0195	0.2051	0.0993	1.7000e-004		0.0108	0.0108		9.9000e-003	9.9000e-003	0.0000	15.3759	15.3759	4.8600e-003	0.0000	15.4975
<b>Total</b>	<b>0.0195</b>	<b>0.2051</b>	<b>0.0993</b>	<b>1.7000e-004</b>	<b>0.0813</b>	<b>0.0108</b>	<b>0.0921</b>	<b>0.0447</b>	<b>9.9000e-003</b>	<b>0.0546</b>	<b>0.0000</b>	<b>15.3759</b>	<b>15.3759</b>	<b>4.8600e-003</b>	<b>0.0000</b>	<b>15.4975</b>



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**3.3 Site Preparation - 2019**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3000e-004	2.3000e-004	2.4100e-003	1.0000e-005	6.7000e-004	0.0000	6.7000e-004	1.8000e-004	0.0000	1.8000e-004	0.0000	0.5798	0.5798	2.0000e-005	0.0000	0.5802
<b>Total</b>	<b>3.3000e-004</b>	<b>2.3000e-004</b>	<b>2.4100e-003</b>	<b>1.0000e-005</b>	<b>6.7000e-004</b>	<b>0.0000</b>	<b>6.7000e-004</b>	<b>1.8000e-004</b>	<b>0.0000</b>	<b>1.8000e-004</b>	<b>0.0000</b>	<b>0.5798</b>	<b>0.5798</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.5802</b>

**3.3 Site Preparation - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.4607	0.0000	0.4607	0.2532	0.0000	0.2532	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1040	1.0816	0.5486	9.7000e-004		0.0560	0.0560		0.0516	0.0516	0.0000	85.2482	85.2482	0.0276	0.0000	85.9375
<b>Total</b>	<b>0.1040</b>	<b>1.0816</b>	<b>0.5486</b>	<b>9.7000e-004</b>	<b>0.4607</b>	<b>0.0560</b>	<b>0.5167</b>	<b>0.2532</b>	<b>0.0516</b>	<b>0.3048</b>	<b>0.0000</b>	<b>85.2482</b>	<b>85.2482</b>	<b>0.0276</b>	<b>0.0000</b>	<b>85.9375</b>

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**3.3 Site Preparation - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.7100e-003	1.1400e-003	0.0124	4.0000e-005	3.7800e-003	2.0000e-005	3.8000e-003	1.0000e-003	2.0000e-005	1.0200e-003	0.0000	3.1817	3.1817	8.0000e-005	0.0000	3.1838
<b>Total</b>	<b>1.7100e-003</b>	<b>1.1400e-003</b>	<b>0.0124</b>	<b>4.0000e-005</b>	<b>3.7800e-003</b>	<b>2.0000e-005</b>	<b>3.8000e-003</b>	<b>1.0000e-003</b>	<b>2.0000e-005</b>	<b>1.0200e-003</b>	<b>0.0000</b>	<b>3.1817</b>	<b>3.1817</b>	<b>8.0000e-005</b>	<b>0.0000</b>	<b>3.1838</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					0.4607	0.0000	0.4607	0.2532	0.0000	0.2532	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1040	1.0816	0.5486	9.7000e-004		0.0560	0.0560		0.0516	0.0516	0.0000	85.2481	85.2481	0.0276	0.0000	85.9374
<b>Total</b>	<b>0.1040</b>	<b>1.0816</b>	<b>0.5486</b>	<b>9.7000e-004</b>	<b>0.4607</b>	<b>0.0560</b>	<b>0.5167</b>	<b>0.2532</b>	<b>0.0516</b>	<b>0.3048</b>	<b>0.0000</b>	<b>85.2481</b>	<b>85.2481</b>	<b>0.0276</b>	<b>0.0000</b>	<b>85.9374</b>

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**3.3 Site Preparation - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.7100e-003	1.1400e-003	0.0124	4.0000e-005	3.7800e-003	2.0000e-005	3.8000e-003	1.0000e-003	2.0000e-005	1.0200e-003	0.0000	3.1817	3.1817	8.0000e-005	0.0000	3.1838
<b>Total</b>	<b>1.7100e-003</b>	<b>1.1400e-003</b>	<b>0.0124</b>	<b>4.0000e-005</b>	<b>3.7800e-003</b>	<b>2.0000e-005</b>	<b>3.8000e-003</b>	<b>1.0000e-003</b>	<b>2.0000e-005</b>	<b>1.0200e-003</b>	<b>0.0000</b>	<b>3.1817</b>	<b>3.1817</b>	<b>8.0000e-005</b>	<b>0.0000</b>	<b>3.1838</b>

**3.4 Grading - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.6722	0.0000	0.6722	0.2787	0.0000	0.2787	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3449	3.8903	2.4768	4.8100e-003		0.1685	0.1685		0.1550	0.1550	0.0000	422.2533	422.2533	0.1366	0.0000	425.6674
<b>Total</b>	<b>0.3449</b>	<b>3.8903</b>	<b>2.4768</b>	<b>4.8100e-003</b>	<b>0.6722</b>	<b>0.1685</b>	<b>0.8407</b>	<b>0.2787</b>	<b>0.1550</b>	<b>0.4337</b>	<b>0.0000</b>	<b>422.2533</b>	<b>422.2533</b>	<b>0.1366</b>	<b>0.0000</b>	<b>425.6674</b>

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**3.4 Grading - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.7700e-003	3.8600e-003	0.0417	1.2000e-004	0.0128	8.0000e-005	0.0128	3.3900e-003	7.0000e-005	3.4600e-003	0.0000	10.7444	10.7444	2.8000e-004	0.0000	10.7513
<b>Total</b>	<b>5.7700e-003</b>	<b>3.8600e-003</b>	<b>0.0417</b>	<b>1.2000e-004</b>	<b>0.0128</b>	<b>8.0000e-005</b>	<b>0.0128</b>	<b>3.3900e-003</b>	<b>7.0000e-005</b>	<b>3.4600e-003</b>	<b>0.0000</b>	<b>10.7444</b>	<b>10.7444</b>	<b>2.8000e-004</b>	<b>0.0000</b>	<b>10.7513</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					0.6722	0.0000	0.6722	0.2787	0.0000	0.2787	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3449	3.8903	2.4768	4.8100e-003		0.1685	0.1685		0.1550	0.1550	0.0000	422.2528	422.2528	0.1366	0.0000	425.6669
<b>Total</b>	<b>0.3449</b>	<b>3.8903</b>	<b>2.4768</b>	<b>4.8100e-003</b>	<b>0.6722</b>	<b>0.1685</b>	<b>0.8407</b>	<b>0.2787</b>	<b>0.1550</b>	<b>0.4337</b>	<b>0.0000</b>	<b>422.2528</b>	<b>422.2528</b>	<b>0.1366</b>	<b>0.0000</b>	<b>425.6669</b>

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**3.4 Grading - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.7700e-003	3.8600e-003	0.0417	1.2000e-004	0.0128	8.0000e-005	0.0128	3.3900e-003	7.0000e-005	3.4600e-003	0.0000	10.7444	10.7444	2.8000e-004	0.0000	10.7513
<b>Total</b>	<b>5.7700e-003</b>	<b>3.8600e-003</b>	<b>0.0417</b>	<b>1.2000e-004</b>	<b>0.0128</b>	<b>8.0000e-005</b>	<b>0.0128</b>	<b>3.3900e-003</b>	<b>7.0000e-005</b>	<b>3.4600e-003</b>	<b>0.0000</b>	<b>10.7444</b>	<b>10.7444</b>	<b>2.8000e-004</b>	<b>0.0000</b>	<b>10.7513</b>

**3.5 Building Construction - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0594	0.5372	0.4718	7.5000e-004		0.0313	0.0313		0.0294	0.0294	0.0000	64.8508	64.8508	0.0158	0.0000	65.2463
<b>Total</b>	<b>0.0594</b>	<b>0.5372</b>	<b>0.4718</b>	<b>7.5000e-004</b>		<b>0.0313</b>	<b>0.0313</b>		<b>0.0294</b>	<b>0.0294</b>	<b>0.0000</b>	<b>64.8508</b>	<b>64.8508</b>	<b>0.0158</b>	<b>0.0000</b>	<b>65.2463</b>

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**3.5 Building Construction - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0253	0.9475	0.1854	2.1400e-003	0.0488	4.6100e-003	0.0534	0.0141	4.4100e-003	0.0185	0.0000	204.7175	204.7175	0.0188	0.0000	205.1874
Worker	0.1377	0.0922	0.9958	2.8400e-003	0.3045	1.9300e-003	0.3065	0.0809	1.7800e-003	0.0827	0.0000	256.5909	256.5909	6.5800e-003	0.0000	256.7554
<b>Total</b>	<b>0.1631</b>	<b>1.0397</b>	<b>1.1812</b>	<b>4.9800e-003</b>	<b>0.3533</b>	<b>6.5400e-003</b>	<b>0.3599</b>	<b>0.0950</b>	<b>6.1900e-003</b>	<b>0.1011</b>	<b>0.0000</b>	<b>461.3083</b>	<b>461.3083</b>	<b>0.0254</b>	<b>0.0000</b>	<b>461.9429</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	0.0594	0.5372	0.4718	7.5000e-004		0.0313	0.0313		0.0294	0.0294	0.0000	64.8507	64.8507	0.0158	0.0000	65.2463
<b>Total</b>	<b>0.0594</b>	<b>0.5372</b>	<b>0.4718</b>	<b>7.5000e-004</b>		<b>0.0313</b>	<b>0.0313</b>		<b>0.0294</b>	<b>0.0294</b>	<b>0.0000</b>	<b>64.8507</b>	<b>64.8507</b>	<b>0.0158</b>	<b>0.0000</b>	<b>65.2463</b>

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**3.5 Building Construction - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0253	0.9475	0.1854	2.1400e-003	0.0488	4.6100e-003	0.0534	0.0141	4.4100e-003	0.0185	0.0000	204.7175	204.7175	0.0188	0.0000	205.1874
Worker	0.1377	0.0922	0.9958	2.8400e-003	0.3045	1.9300e-003	0.3065	0.0809	1.7800e-003	0.0827	0.0000	256.5909	256.5909	6.5800e-003	0.0000	256.7554
<b>Total</b>	<b>0.1631</b>	<b>1.0397</b>	<b>1.1812</b>	<b>4.9800e-003</b>	<b>0.3533</b>	<b>6.5400e-003</b>	<b>0.3599</b>	<b>0.0950</b>	<b>6.1900e-003</b>	<b>0.1011</b>	<b>0.0000</b>	<b>461.3083</b>	<b>461.3083</b>	<b>0.0254</b>	<b>0.0000</b>	<b>461.9429</b>

**3.5 Building Construction - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2481	2.2749	2.1631	3.5100e-003		0.1251	0.1251		0.1176	0.1176	0.0000	302.2867	302.2867	0.0729	0.0000	304.1099
<b>Total</b>	<b>0.2481</b>	<b>2.2749</b>	<b>2.1631</b>	<b>3.5100e-003</b>		<b>0.1251</b>	<b>0.1251</b>		<b>0.1176</b>	<b>0.1176</b>	<b>0.0000</b>	<b>302.2867</b>	<b>302.2867</b>	<b>0.0729</b>	<b>0.0000</b>	<b>304.1099</b>

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**3.5 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	0.1007	4.0040	0.7685	9.8900e-003	0.2273	6.6100e-003	0.2339	0.0656	6.3200e-003	0.0719	0.0000	946.4879	946.4879	0.0830	0.0000	948.5625
Worker	0.5980	0.3854	4.2458	0.0128	1.4194	8.7700e-003	1.4282	0.3770	8.0800e-003	0.3850	0.0000	1,155.9321	1,155.9321	0.0276	0.0000	1,156.6212
<b>Total</b>	<b>0.6987</b>	<b>4.3895</b>	<b>5.0143</b>	<b>0.0227</b>	<b>1.6467</b>	<b>0.0154</b>	<b>1.6621</b>	<b>0.4426</b>	<b>0.0144</b>	<b>0.4570</b>	<b>0.0000</b>	<b>2,102.4200</b>	<b>2,102.4200</b>	<b>0.1106</b>	<b>0.0000</b>	<b>2,105.1837</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	0.2481	2.2749	2.1631	3.5100e-003		0.1251	0.1251		0.1176	0.1176	0.0000	302.2863	302.2863	0.0729	0.0000	304.1095
<b>Total</b>	<b>0.2481</b>	<b>2.2749</b>	<b>2.1631</b>	<b>3.5100e-003</b>		<b>0.1251</b>	<b>0.1251</b>		<b>0.1176</b>	<b>0.1176</b>	<b>0.0000</b>	<b>302.2863</b>	<b>302.2863</b>	<b>0.0729</b>	<b>0.0000</b>	<b>304.1095</b>



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**3.5 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	0.1007	4.0040	0.7685	9.8900e-003	0.2273	6.6100e-003	0.2339	0.0656	6.3200e-003	0.0719	0.0000	946.4879	946.4879	0.0830	0.0000	948.5625
Worker	0.5980	0.3854	4.2458	0.0128	1.4194	8.7700e-003	1.4282	0.3770	8.0800e-003	0.3850	0.0000	1,155.9321	1,155.9321	0.0276	0.0000	1,156.6212
<b>Total</b>	<b>0.6987</b>	<b>4.3895</b>	<b>5.0143</b>	<b>0.0227</b>	<b>1.6467</b>	<b>0.0154</b>	<b>1.6621</b>	<b>0.4426</b>	<b>0.0144</b>	<b>0.4570</b>	<b>0.0000</b>	<b>2,102.4200</b>	<b>2,102.4200</b>	<b>0.1106</b>	<b>0.0000</b>	<b>2,105.1837</b>

**3.5 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	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2428	301.2428	0.0722	0.0000	303.0471
<b>Total</b>	<b>0.2218</b>	<b>2.0300</b>	<b>2.1272</b>	<b>3.5000e-003</b>		<b>0.1052</b>	<b>0.1052</b>		<b>0.0990</b>	<b>0.0990</b>	<b>0.0000</b>	<b>301.2428</b>	<b>301.2428</b>	<b>0.0722</b>	<b>0.0000</b>	<b>303.0471</b>

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**3.5 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	0.0935	3.7779	0.7125	9.7700e-003	0.2264	5.5300e-003	0.2320	0.0654	5.2900e-003	0.0706	0.0000	934.7068	934.7068	0.0782	0.0000	936.6624
Worker	0.5574	0.3452	3.8931	0.0123	1.4139	8.5100e-003	1.4225	0.3755	7.8400e-003	0.3834	0.0000	1,109.5070	1,109.5070	0.0247	0.0000	1,110.1237
<b>Total</b>	<b>0.6509</b>	<b>4.1231</b>	<b>4.6055</b>	<b>0.0220</b>	<b>1.6404</b>	<b>0.0140</b>	<b>1.6544</b>	<b>0.4409</b>	<b>0.0131</b>	<b>0.4540</b>	<b>0.0000</b>	<b>2,044.2138</b>	<b>2,044.2138</b>	<b>0.1029</b>	<b>0.0000</b>	<b>2,046.7861</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	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2425	301.2425	0.0722	0.0000	303.0467
<b>Total</b>	<b>0.2218</b>	<b>2.0300</b>	<b>2.1272</b>	<b>3.5000e-003</b>		<b>0.1052</b>	<b>0.1052</b>		<b>0.0990</b>	<b>0.0990</b>	<b>0.0000</b>	<b>301.2425</b>	<b>301.2425</b>	<b>0.0722</b>	<b>0.0000</b>	<b>303.0467</b>

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**3.5 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	0.0935	3.7779	0.7125	9.7700e-003	0.2264	5.5300e-003	0.2320	0.0654	5.2900e-003	0.0706	0.0000	934.7068	934.7068	0.0782	0.0000	936.6624
Worker	0.5574	0.3452	3.8931	0.0123	1.4139	8.5100e-003	1.4225	0.3755	7.8400e-003	0.3834	0.0000	1,109.5070	1,109.5070	0.0247	0.0000	1,110.1237
<b>Total</b>	<b>0.6509</b>	<b>4.1231</b>	<b>4.6055</b>	<b>0.0220</b>	<b>1.6404</b>	<b>0.0140</b>	<b>1.6544</b>	<b>0.4409</b>	<b>0.0131</b>	<b>0.4540</b>	<b>0.0000</b>	<b>2,044.2138</b>	<b>2,044.2138</b>	<b>0.1029</b>	<b>0.0000</b>	<b>2,046.7861</b>

**3.5 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2045	1.8700	2.1117	3.5000e-003		0.0910	0.0910		0.0856	0.0856	0.0000	301.3462	301.3462	0.0717	0.0000	303.1383
<b>Total</b>	<b>0.2045</b>	<b>1.8700</b>	<b>2.1117</b>	<b>3.5000e-003</b>		<b>0.0910</b>	<b>0.0910</b>		<b>0.0856</b>	<b>0.0856</b>	<b>0.0000</b>	<b>301.3462</b>	<b>301.3462</b>	<b>0.0717</b>	<b>0.0000</b>	<b>303.1383</b>

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**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0717	2.8977	0.6194	9.4900e-003	0.2264	2.4700e-003	0.2289	0.0654	2.3600e-003	0.0677	0.0000	909.0513	909.0513	0.0594	0.0000	910.5360
Worker	0.5228	0.3110	3.5857	0.0118	1.4139	8.3100e-003	1.4223	0.3755	7.6500e-003	0.3832	0.0000	1,067.4189	1,067.4189	0.0222	0.0000	1,067.9727
<b>Total</b>	<b>0.5944</b>	<b>3.2087</b>	<b>4.2052</b>	<b>0.0213</b>	<b>1.6404</b>	<b>0.0108</b>	<b>1.6512</b>	<b>0.4409</b>	<b>0.0100</b>	<b>0.4509</b>	<b>0.0000</b>	<b>1,976.4702</b>	<b>1,976.4702</b>	<b>0.0815</b>	<b>0.0000</b>	<b>1,978.5086</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	0.2045	1.8700	2.1117	3.5000e-003		0.0910	0.0910		0.0856	0.0856	0.0000	301.3458	301.3458	0.0717	0.0000	303.1380
<b>Total</b>	<b>0.2045</b>	<b>1.8700</b>	<b>2.1117</b>	<b>3.5000e-003</b>		<b>0.0910</b>	<b>0.0910</b>		<b>0.0856</b>	<b>0.0856</b>	<b>0.0000</b>	<b>301.3458</b>	<b>301.3458</b>	<b>0.0717</b>	<b>0.0000</b>	<b>303.1380</b>

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**3.5 Building Construction - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0717	2.8977	0.6194	9.4900e-003	0.2264	2.4700e-003	0.2289	0.0654	2.3600e-003	0.0677	0.0000	909.0513	909.0513	0.0594	0.0000	910.5360
Worker	0.5228	0.3110	3.5857	0.0118	1.4139	8.3100e-003	1.4223	0.3755	7.6500e-003	0.3832	0.0000	1,067.4189	1,067.4189	0.0222	0.0000	1,067.9727
<b>Total</b>	<b>0.5944</b>	<b>3.2087</b>	<b>4.2052</b>	<b>0.0213</b>	<b>1.6404</b>	<b>0.0108</b>	<b>1.6512</b>	<b>0.4409</b>	<b>0.0100</b>	<b>0.4509</b>	<b>0.0000</b>	<b>1,976.4702</b>	<b>1,976.4702</b>	<b>0.0815</b>	<b>0.0000</b>	<b>1,978.5086</b>

**3.5 Building Construction - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7223	303.7223	0.0718	0.0000	305.5179
<b>Total</b>	<b>0.1928</b>	<b>1.7611</b>	<b>2.1179</b>	<b>3.5300e-003</b>		<b>0.0803</b>	<b>0.0803</b>		<b>0.0756</b>	<b>0.0756</b>	<b>0.0000</b>	<b>303.7223</b>	<b>303.7223</b>	<b>0.0718</b>	<b>0.0000</b>	<b>305.5179</b>

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**3.5 Building Construction - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	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	0.0707	2.9046	0.6016	9.5200e-003	0.2282	2.4700e-003	0.2306	0.0659	2.3600e-003	0.0682	0.0000	911.9993	911.9993	0.0585	0.0000	913.4609
Worker	0.4965	0.2839	3.3789	0.0115	1.4248	8.2900e-003	1.4331	0.3784	7.6300e-003	0.3860	0.0000	1,037.2124	1,037.2124	0.0204	0.0000	1,037.7210
<b>Total</b>	<b>0.5672</b>	<b>3.1886</b>	<b>3.9805</b>	<b>0.0210</b>	<b>1.6530</b>	<b>0.0108</b>	<b>1.6637</b>	<b>0.4443</b>	<b>9.9900e-003</b>	<b>0.4543</b>	<b>0.0000</b>	<b>1,949.2117</b>	<b>1,949.2117</b>	<b>0.0788</b>	<b>0.0000</b>	<b>1,951.1819</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	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7220	303.7220	0.0718	0.0000	305.5175
<b>Total</b>	<b>0.1928</b>	<b>1.7611</b>	<b>2.1179</b>	<b>3.5300e-003</b>		<b>0.0803</b>	<b>0.0803</b>		<b>0.0756</b>	<b>0.0756</b>	<b>0.0000</b>	<b>303.7220</b>	<b>303.7220</b>	<b>0.0718</b>	<b>0.0000</b>	<b>305.5175</b>

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**3.5 Building Construction - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	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	0.0707	2.9046	0.6016	9.5200e-003	0.2282	2.4700e-003	0.2306	0.0659	2.3600e-003	0.0682	0.0000	911.9993	911.9993	0.0585	0.0000	913.4609
Worker	0.4965	0.2839	3.3789	0.0115	1.4248	8.2900e-003	1.4331	0.3784	7.6300e-003	0.3860	0.0000	1,037.2124	1,037.2124	0.0204	0.0000	1,037.7210
<b>Total</b>	<b>0.5672</b>	<b>3.1886</b>	<b>3.9805</b>	<b>0.0210</b>	<b>1.6530</b>	<b>0.0108</b>	<b>1.6637</b>	<b>0.4443</b>	<b>9.9900e-003</b>	<b>0.4543</b>	<b>0.0000</b>	<b>1,949.2117</b>	<b>1,949.2117</b>	<b>0.0788</b>	<b>0.0000</b>	<b>1,951.1819</b>

**3.5 Building Construction - 2025**

**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	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
<b>Total</b>	<b>0.1785</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6549</b>	<b>302.6549</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4335</b>

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**3.5 Building Construction - 2025**

**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	0.0685	2.8647	0.5786	9.4200e-003	0.2273	2.4300e-003	0.2297	0.0656	2.3200e-003	0.0679	0.0000	902.2838	902.2838	0.0567	0.0000	903.7006
Worker	0.4674	0.2574	3.1194	0.0110	1.4194	8.1100e-003	1.4275	0.3770	7.4600e-003	0.3844	0.0000	991.9162	991.9162	0.0184	0.0000	992.3755
<b>Total</b>	<b>0.5359</b>	<b>3.1221</b>	<b>3.6980</b>	<b>0.0204</b>	<b>1.6467</b>	<b>0.0105</b>	<b>1.6572</b>	<b>0.4426</b>	<b>9.7800e-003</b>	<b>0.4523</b>	<b>0.0000</b>	<b>1,894.1999</b>	<b>1,894.1999</b>	<b>0.0751</b>	<b>0.0000</b>	<b>1,896.0761</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	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
<b>Total</b>	<b>0.1784</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6545</b>	<b>302.6545</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4331</b>



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**3.5 Building Construction - 2025**

**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	0.0685	2.8647	0.5786	9.4200e-003	0.2273	2.4300e-003	0.2297	0.0656	2.3200e-003	0.0679	0.0000	902.2838	902.2838	0.0567	0.0000	903.7006
Worker	0.4674	0.2574	3.1194	0.0110	1.4194	8.1100e-003	1.4275	0.3770	7.4600e-003	0.3844	0.0000	991.9162	991.9162	0.0184	0.0000	992.3755
<b>Total</b>	<b>0.5359</b>	<b>3.1221</b>	<b>3.6980</b>	<b>0.0204</b>	<b>1.6467</b>	<b>0.0105</b>	<b>1.6572</b>	<b>0.4426</b>	<b>9.7800e-003</b>	<b>0.4523</b>	<b>0.0000</b>	<b>1,894.1999</b>	<b>1,894.1999</b>	<b>0.0751</b>	<b>0.0000</b>	<b>1,896.0761</b>

**3.5 Building Construction - 2026**

**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	0.1299	1.1846	1.5280	2.5600e-003		0.0501	0.0501		0.0471	0.0471	0.0000	220.3235	220.3235	0.0518	0.0000	221.6183
<b>Total</b>	<b>0.1299</b>	<b>1.1846</b>	<b>1.5280</b>	<b>2.5600e-003</b>		<b>0.0501</b>	<b>0.0501</b>		<b>0.0471</b>	<b>0.0471</b>	<b>0.0000</b>	<b>220.3235</b>	<b>220.3235</b>	<b>0.0518</b>	<b>0.0000</b>	<b>221.6183</b>

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**3.5 Building Construction - 2026**

**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	0.0487	2.0647	0.4090	6.8100e-003	0.1655	1.7400e-003	0.1672	0.0478	1.6600e-003	0.0494	0.0000	652.5586	652.5586	0.0401	0.0000	653.5610
Worker	0.3229	0.1716	2.1156	7.6900e-003	1.0333	5.7200e-003	1.0390	0.2744	5.2600e-003	0.2797	0.0000	695.7891	695.7891	0.0122	0.0000	696.0937
<b>Total</b>	<b>0.3716</b>	<b>2.2362</b>	<b>2.5246</b>	<b>0.0145</b>	<b>1.1987</b>	<b>7.4600e-003</b>	<b>1.2062</b>	<b>0.3222</b>	<b>6.9200e-003</b>	<b>0.3291</b>	<b>0.0000</b>	<b>1,348.3477</b>	<b>1,348.3477</b>	<b>0.0523</b>	<b>0.0000</b>	<b>1,349.6547</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	0.1299	1.1846	1.5280	2.5600e-003		0.0501	0.0501		0.0471	0.0471	0.0000	220.3232	220.3232	0.0518	0.0000	221.6180
<b>Total</b>	<b>0.1299</b>	<b>1.1846</b>	<b>1.5280</b>	<b>2.5600e-003</b>		<b>0.0501</b>	<b>0.0501</b>		<b>0.0471</b>	<b>0.0471</b>	<b>0.0000</b>	<b>220.3232</b>	<b>220.3232</b>	<b>0.0518</b>	<b>0.0000</b>	<b>221.6180</b>

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**3.5 Building Construction - 2026**

**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	0.0487	2.0647	0.4090	6.8100e-003	0.1655	1.7400e-003	0.1672	0.0478	1.6600e-003	0.0494	0.0000	652.5586	652.5586	0.0401	0.0000	653.5610
Worker	0.3229	0.1716	2.1156	7.6900e-003	1.0333	5.7200e-003	1.0390	0.2744	5.2600e-003	0.2797	0.0000	695.7891	695.7891	0.0122	0.0000	696.0937
<b>Total</b>	<b>0.3716</b>	<b>2.2362</b>	<b>2.5246</b>	<b>0.0145</b>	<b>1.1987</b>	<b>7.4600e-003</b>	<b>1.2062</b>	<b>0.3222</b>	<b>6.9200e-003</b>	<b>0.3291</b>	<b>0.0000</b>	<b>1,348.3477</b>	<b>1,348.3477</b>	<b>0.0523</b>	<b>0.0000</b>	<b>1,349.6547</b>

**3.6 Paving - 2026**

**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	0.0325	0.3047	0.5175	8.1000e-004		0.0149	0.0149		0.0137	0.0137	0.0000	71.0684	71.0684	0.0230	0.0000	71.6430
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0325</b>	<b>0.3047</b>	<b>0.5175</b>	<b>8.1000e-004</b>		<b>0.0149</b>	<b>0.0149</b>		<b>0.0137</b>	<b>0.0137</b>	<b>0.0000</b>	<b>71.0684</b>	<b>71.0684</b>	<b>0.0230</b>	<b>0.0000</b>	<b>71.6430</b>

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**3.6 Paving - 2026**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3700e-003	7.3000e-004	8.9700e-003	3.0000e-005	4.3800e-003	2.0000e-005	4.4100e-003	1.1600e-003	2.0000e-005	1.1900e-003	0.0000	2.9501	2.9501	5.0000e-005	0.0000	2.9514
<b>Total</b>	<b>1.3700e-003</b>	<b>7.3000e-004</b>	<b>8.9700e-003</b>	<b>3.0000e-005</b>	<b>4.3800e-003</b>	<b>2.0000e-005</b>	<b>4.4100e-003</b>	<b>1.1600e-003</b>	<b>2.0000e-005</b>	<b>1.1900e-003</b>	<b>0.0000</b>	<b>2.9501</b>	<b>2.9501</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>2.9514</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	0.0325	0.3047	0.5175	8.1000e-004		0.0149	0.0149		0.0137	0.0137	0.0000	71.0683	71.0683	0.0230	0.0000	71.6429
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0325</b>	<b>0.3047</b>	<b>0.5175</b>	<b>8.1000e-004</b>		<b>0.0149</b>	<b>0.0149</b>		<b>0.0137</b>	<b>0.0137</b>	<b>0.0000</b>	<b>71.0683</b>	<b>71.0683</b>	<b>0.0230</b>	<b>0.0000</b>	<b>71.6429</b>

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**3.6 Paving - 2026**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3700e-003	7.3000e-004	8.9700e-003	3.0000e-005	4.3800e-003	2.0000e-005	4.4100e-003	1.1600e-003	2.0000e-005	1.1900e-003	0.0000	2.9501	2.9501	5.0000e-005	0.0000	2.9514
<b>Total</b>	<b>1.3700e-003</b>	<b>7.3000e-004</b>	<b>8.9700e-003</b>	<b>3.0000e-005</b>	<b>4.3800e-003</b>	<b>2.0000e-005</b>	<b>4.4100e-003</b>	<b>1.1600e-003</b>	<b>2.0000e-005</b>	<b>1.1900e-003</b>	<b>0.0000</b>	<b>2.9501</b>	<b>2.9501</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>2.9514</b>

**3.6 Paving - 2027**

**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	0.0179	0.1673	0.2843	4.4000e-004		8.1600e-003	8.1600e-003		7.5100e-003	7.5100e-003	0.0000	39.0376	39.0376	0.0126	0.0000	39.3532
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0179</b>	<b>0.1673</b>	<b>0.2843</b>	<b>4.4000e-004</b>		<b>8.1600e-003</b>	<b>8.1600e-003</b>		<b>7.5100e-003</b>	<b>7.5100e-003</b>	<b>0.0000</b>	<b>39.0376</b>	<b>39.0376</b>	<b>0.0126</b>	<b>0.0000</b>	<b>39.3532</b>

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**3.6 Paving - 2027**

**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	7.1000e-004	3.7000e-004	4.6100e-003	2.0000e-005	2.4100e-003	1.0000e-005	2.4200e-003	6.4000e-004	1.0000e-005	6.5000e-004	0.0000	1.5668	1.5668	3.0000e-005	0.0000	1.5675
<b>Total</b>	<b>7.1000e-004</b>	<b>3.7000e-004</b>	<b>4.6100e-003</b>	<b>2.0000e-005</b>	<b>2.4100e-003</b>	<b>1.0000e-005</b>	<b>2.4200e-003</b>	<b>6.4000e-004</b>	<b>1.0000e-005</b>	<b>6.5000e-004</b>	<b>0.0000</b>	<b>1.5668</b>	<b>1.5668</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>1.5675</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	0.0179	0.1673	0.2843	4.4000e-004		8.1600e-003	8.1600e-003		7.5100e-003	7.5100e-003	0.0000	39.0375	39.0375	0.0126	0.0000	39.3531
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0179</b>	<b>0.1673</b>	<b>0.2843</b>	<b>4.4000e-004</b>		<b>8.1600e-003</b>	<b>8.1600e-003</b>		<b>7.5100e-003</b>	<b>7.5100e-003</b>	<b>0.0000</b>	<b>39.0375</b>	<b>39.0375</b>	<b>0.0126</b>	<b>0.0000</b>	<b>39.3531</b>

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**3.6 Paving - 2027**

**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	7.1000e-004	3.7000e-004	4.6100e-003	2.0000e-005	2.4100e-003	1.0000e-005	2.4200e-003	6.4000e-004	1.0000e-005	6.5000e-004	0.0000	1.5668	1.5668	3.0000e-005	0.0000	1.5675
<b>Total</b>	<b>7.1000e-004</b>	<b>3.7000e-004</b>	<b>4.6100e-003</b>	<b>2.0000e-005</b>	<b>2.4100e-003</b>	<b>1.0000e-005</b>	<b>2.4200e-003</b>	<b>6.4000e-004</b>	<b>1.0000e-005</b>	<b>6.5000e-004</b>	<b>0.0000</b>	<b>1.5668</b>	<b>1.5668</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>1.5675</b>

**3.7 Architectural Coating - 2027**

**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	33.3465					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.4000e-003	0.0630	0.0995	1.6000e-004		2.8300e-003	2.8300e-003		2.8300e-003	2.8300e-003	0.0000	14.0429	14.0429	7.7000e-004	0.0000	14.0621
<b>Total</b>	<b>33.3559</b>	<b>0.0630</b>	<b>0.0995</b>	<b>1.6000e-004</b>		<b>2.8300e-003</b>	<b>2.8300e-003</b>		<b>2.8300e-003</b>	<b>2.8300e-003</b>	<b>0.0000</b>	<b>14.0429</b>	<b>14.0429</b>	<b>7.7000e-004</b>	<b>0.0000</b>	<b>14.0621</b>

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**3.7 Architectural Coating - 2027**

**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	0.0354	0.0182	0.2287	8.6000e-004	0.1195	6.3000e-004	0.1201	0.0317	5.8000e-004	0.0323	0.0000	77.7775	77.7775	1.2900e-003	0.0000	77.8097
<b>Total</b>	<b>0.0354</b>	<b>0.0182</b>	<b>0.2287</b>	<b>8.6000e-004</b>	<b>0.1195</b>	<b>6.3000e-004</b>	<b>0.1201</b>	<b>0.0317</b>	<b>5.8000e-004</b>	<b>0.0323</b>	<b>0.0000</b>	<b>77.7775</b>	<b>77.7775</b>	<b>1.2900e-003</b>	<b>0.0000</b>	<b>77.8097</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	33.3465					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.4000e-003	0.0630	0.0995	1.6000e-004		2.8300e-003	2.8300e-003		2.8300e-003	2.8300e-003	0.0000	14.0429	14.0429	7.7000e-004	0.0000	14.0620
<b>Total</b>	<b>33.3559</b>	<b>0.0630</b>	<b>0.0995</b>	<b>1.6000e-004</b>		<b>2.8300e-003</b>	<b>2.8300e-003</b>		<b>2.8300e-003</b>	<b>2.8300e-003</b>	<b>0.0000</b>	<b>14.0429</b>	<b>14.0429</b>	<b>7.7000e-004</b>	<b>0.0000</b>	<b>14.0620</b>



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**3.7 Architectural Coating - 2027**

**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	0.0354	0.0182	0.2287	8.6000e-004	0.1195	6.3000e-004	0.1201	0.0317	5.8000e-004	0.0323	0.0000	77.7775	77.7775	1.2900e-003	0.0000	77.8097
<b>Total</b>	<b>0.0354</b>	<b>0.0182</b>	<b>0.2287</b>	<b>8.6000e-004</b>	<b>0.1195</b>	<b>6.3000e-004</b>	<b>0.1201</b>	<b>0.0317</b>	<b>5.8000e-004</b>	<b>0.0323</b>	<b>0.0000</b>	<b>77.7775</b>	<b>77.7775</b>	<b>1.2900e-003</b>	<b>0.0000</b>	<b>77.8097</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

Increase Density

Improve Destination Accessibility

Increase Transit Accessibility

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	5.1231	55.9500	36.3003	0.2133	15.4136	0.0830	15.4966	4.1254	0.0772	4.2026	0.0000	20,041.8790	20,041.8790	1.2160	0.0000	20,072.2787
Unmitigated	5.5999	58.4472	48.2982	0.2960	24.8977	0.1172	25.0149	6.6638	0.1091	6.7729	0.0000	27,725.9430	27,725.9430	1.3918	0.0000	27,760.7389

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	4,863.36	5,712.66	5238.84	11,270,343	6,977,180
Condo/Townhouse	1,327.36	1,383.48	1180.96	2,940,350	1,820,295
General Office Building	4,870.00	1,230.00	525.00	7,958,819	4,927,100
Government (Civic Center)	809.68	0.00	0.00	1,294,620	801,466
Government Office Building	2,412.55	0.00	0.00	2,578,311	1,596,166
Hotel	2,926.00	2,866.50	2082.50	4,153,662	2,571,425
Junior College (2Yr)	3,037.50	1,684.50	181.50	3,984,090	2,466,448
Regional Shopping Center	1,132.80	1,499.10	757.20	1,498,543	927,709
Regional Shopping Center	12,606.18	16,682.48	8426.37	16,676,282	10,323,858
Single Family Housing	476.00	495.50	431.00	1,056,626	654,130
High Turnover (Sit Down Restaurant)	13,730.83	19,384.49	16137.22	11,912,681	7,374,835
<b>Total</b>	<b>48,192.26</b>	<b>50,938.71</b>	<b>34,960.59</b>	<b>65,324,326</b>	<b>40,440,614</b>

4.3 Trip Type Information

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Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	11.00	3.50	4.50	40.20	19.20	40.60	86	11	3
Condo/Townhouse	11.00	3.50	4.50	40.20	19.20	40.60	86	11	3
General Office Building	12.50	4.20	5.40	33.00	48.00	19.00	77	19	4
Government (Civic Center)	12.50	4.20	5.40	75.00	20.00	5.00	50	34	16
Government Office Building	12.50	4.20	5.40	33.00	62.00	5.00	50	34	16
Hotel	12.50	4.20	5.40	19.40	61.60	19.00	58	38	4
Junior College (2Yr)	12.50	4.20	5.40	6.40	88.60	5.00	92	7	1
Regional Shopping Center	12.50	4.20	5.40	16.30	64.70	19.00	54	35	11
Regional Shopping Center	12.50	4.20	5.40	16.30	64.70	19.00	54	35	11
Single Family Housing	11.00	3.50	4.50	40.20	19.20	40.60	86	11	3
High Turnover (Sit Down Restaurant)	12.50	4.20	5.40	8.50	72.50	19.00	37	20	43

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Condo/Townhouse	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
General Office Building	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Government (Civic Center)	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Government Office Building	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Hotel	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Junior College (2Yr)	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Regional Shopping Center	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Single Family Housing	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
High Turnover (Sit Down Restaurant)	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539

5.0 Energy Detail

Historical Energy Use: N

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5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	15,004.8231	15,004.8231	0.3424	0.0708	15,034.4928
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	15,004.8231	15,004.8231	0.3424	0.0708	15,034.4928
NaturalGas Mitigated	0.3726	3.3274	2.4076	0.0203		0.2574	0.2574		0.2574	0.2574	0.0000	3,687.2123	3,687.2123	0.0707	0.0676	3,709.1236
NaturalGas Unmitigated	0.3726	3.3274	2.4076	0.0203		0.2574	0.2574		0.2574	0.2574	0.0000	3,687.2123	3,687.2123	0.0707	0.0676	3,709.1236

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**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	1.32259e+007	0.0713	0.6094	0.2593	3.8900e-003		0.0493	0.0493		0.0493	0.0493	0.0000	705.7848	705.7848	0.0135	0.0129	709.9789
Condo/Townhouse	5.5299e+006	0.0298	0.2548	0.1084	1.6300e-003		0.0206	0.0206		0.0206	0.0206	0.0000	295.0966	295.0966	5.6600e-003	5.4100e-003	296.8502
General Office Building	1.735e+006	9.3600e-003	0.0851	0.0714	5.1000e-004		6.4600e-003	6.4600e-003		6.4600e-003	6.4600e-003	0.0000	92.5862	92.5862	1.7700e-003	1.7000e-003	93.1364
Government (Civic Center)	100630	5.4000e-004	4.9300e-003	4.1400e-003	3.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004	0.0000	5.3700	5.3700	1.0000e-004	1.0000e-004	5.4019
Government Office Building	121450	6.5000e-004	5.9500e-003	5.0000e-003	4.0000e-005		4.5000e-004	4.5000e-004		4.5000e-004	4.5000e-004	0.0000	6.4810	6.4810	1.2000e-004	1.2000e-004	6.5196
High Turnover (Sit Down Restaurant)	3.34691e+007	0.1805	1.6406	1.3781	9.8400e-003		0.1247	0.1247		0.1247	0.1247	0.0000	1,786.0363	1,786.0363	0.0342	0.0327	1,796.6498
Hotel	1.05018e+007	0.0566	0.5148	0.4324	3.0900e-003		0.0391	0.0391		0.0391	0.0391	0.0000	560.4134	560.4134	0.0107	0.0103	563.7436
Junior College (2Yr)	2.0745e+006	0.0112	0.1017	0.0854	6.1000e-004		7.7300e-003	7.7300e-003		7.7300e-003	7.7300e-003	0.0000	110.7032	110.7032	2.1200e-003	2.0300e-003	111.3611
Regional Shopping Center	66600	3.6000e-004	3.2600e-003	2.7400e-003	2.0000e-005		2.5000e-004	2.5000e-004		2.5000e-004	2.5000e-004	0.0000	3.5540	3.5540	7.0000e-005	7.0000e-005	3.5752
Regional Shopping Center	741147	4.0000e-003	0.0363	0.0305	2.2000e-004		2.7600e-003	2.7600e-003		2.7600e-003	2.7600e-003	0.0000	39.5504	39.5504	7.6000e-004	7.3000e-004	39.7855
Single Family Housing	1.52981e+006	8.2500e-003	0.0705	0.0300	4.5000e-004		5.7000e-003	5.7000e-003		5.7000e-003	5.7000e-003	0.0000	81.6364	81.6364	1.5600e-003	1.5000e-003	82.1215
<b>Total</b>		<b>0.3726</b>	<b>3.3274</b>	<b>2.4076</b>	<b>0.0203</b>		<b>0.2574</b>	<b>0.2574</b>		<b>0.2574</b>	<b>0.2574</b>	<b>0.0000</b>	<b>3,687.2123</b>	<b>3,687.2123</b>	<b>0.0707</b>	<b>0.0676</b>	<b>3,709.1236</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					
Apartments Mid Rise	1.32259e+007	0.0713	0.6094	0.2593	3.8900e-003		0.0493	0.0493		0.0493	0.0493	0.0000	705.7848	705.7848	0.0135	0.0129	709.9789
Condo/Townhouse	5.5299e+006	0.0298	0.2548	0.1084	1.6300e-003		0.0206	0.0206		0.0206	0.0206	0.0000	295.0966	295.0966	5.6600e-003	5.4100e-003	296.8502
General Office Building	1.735e+006	9.3600e-003	0.0851	0.0714	5.1000e-004		6.4600e-003	6.4600e-003		6.4600e-003	6.4600e-003	0.0000	92.5862	92.5862	1.7700e-003	1.7000e-003	93.1364
Government (Civic Center)	100630	5.4000e-004	4.9300e-003	4.1400e-003	3.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004	0.0000	5.3700	5.3700	1.0000e-004	1.0000e-004	5.4019
Government Office Building	121450	6.5000e-004	5.9500e-003	5.0000e-003	4.0000e-005		4.5000e-004	4.5000e-004		4.5000e-004	4.5000e-004	0.0000	6.4810	6.4810	1.2000e-004	1.2000e-004	6.5196
High Turnover (Sit Down Restaurant)	3.34691e+007	0.1805	1.6406	1.3781	9.8400e-003		0.1247	0.1247		0.1247	0.1247	0.0000	1,786.0363	1,786.0363	0.0342	0.0327	1,796.6498
Hotel	1.05018e+007	0.0566	0.5148	0.4324	3.0900e-003		0.0391	0.0391		0.0391	0.0391	0.0000	560.4134	560.4134	0.0107	0.0103	563.7436
Junior College (2Yr)	2.0745e+006	0.0112	0.1017	0.0854	6.1000e-004		7.7300e-003	7.7300e-003		7.7300e-003	7.7300e-003	0.0000	110.7032	110.7032	2.1200e-003	2.0300e-003	111.3611
Regional Shopping Center	66600	3.6000e-004	3.2600e-003	2.7400e-003	2.0000e-005		2.5000e-004	2.5000e-004		2.5000e-004	2.5000e-004	0.0000	3.5540	3.5540	7.0000e-005	7.0000e-005	3.5752
Regional Shopping Center	741147	4.0000e-003	0.0363	0.0305	2.2000e-004		2.7600e-003	2.7600e-003		2.7600e-003	2.7600e-003	0.0000	39.5504	39.5504	7.6000e-004	7.3000e-004	39.7855
Single Family Housing	1.52981e+006	8.2500e-003	0.0705	0.0300	4.5000e-004		5.7000e-003	5.7000e-003		5.7000e-003	5.7000e-003	0.0000	81.6364	81.6364	1.5600e-003	1.5000e-003	82.1215
<b>Total</b>		<b>0.3726</b>	<b>3.3274</b>	<b>2.4076</b>	<b>0.0203</b>		<b>0.2574</b>	<b>0.2574</b>		<b>0.2574</b>	<b>0.2574</b>	<b>0.0000</b>	<b>3,687.2123</b>	<b>3,687.2123</b>	<b>0.0707</b>	<b>0.0676</b>	<b>3,709.1236</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			
Apartments Mid Rise	4.08353e+006	2,354.0363	0.0537	0.0111	2,358.6911
Condo/Townhouse	1.37666e+006	793.6055	0.0181	3.7500e-003	795.1747
General Office Building	4.76e+006	2,743.9998	0.0626	0.0130	2,749.4256
Government (Civic Center)	276080	159.1520	3.6300e-003	7.5000e-004	159.4667
Government Office Building	333200	192.0800	4.3800e-003	9.1000e-004	192.4598
High Turnover (Sit Down Restaurant)	5.81155e+006	3,350.1885	0.0765	0.0158	3,356.8130
Hotel	3.1745e+006	1,830.0057	0.0418	8.6400e-003	1,833.6243
Junior College (2Yr)	1.182e+006	681.3882	0.0156	3.2200e-003	682.7355
Regional Shopping Center	378900	218.4247	4.9800e-003	1.0300e-003	218.8566
Regional Shopping Center	4.21653e+006	2,430.7027	0.0555	0.0115	2,435.5091
Single Family Housing	435824	251.2397	5.7300e-003	1.1900e-003	251.7365
<b>Total</b>		<b>15,004.8231</b>	<b>0.3424</b>	<b>0.0709</b>	<b>15,034.4928</b>

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**5.3 Energy by Land Use - Electricity**

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	4.08353e+006	2,354.0363	0.0537	0.0111	2,358.6911
Condo/Townhouse	1.37666e+006	793.6055	0.0181	3.7500e-003	795.1747
General Office Building	4.76e+006	2,743.9998	0.0626	0.0130	2,749.4256
Government (Civic Center)	276080	159.1520	3.6300e-003	7.5000e-004	159.4667
Government Office Building	333200	192.0800	4.3800e-003	9.1000e-004	192.4598
High Turnover (Sit Down Restaurant)	5.81155e+006	3,350.1885	0.0765	0.0158	3,356.8130
Hotel	3.1745e+006	1,830.0057	0.0418	8.6400e-003	1,833.6243
Junior College (2Yr)	1.182e+006	681.3882	0.0156	3.2200e-003	682.7355
Regional Shopping Center	378900	218.4247	4.9800e-003	1.0300e-003	218.8566
Regional Shopping Center	4.21653e+006	2,430.7027	0.0555	0.0115	2,435.5091
Single Family Housing	435824	251.2397	5.7300e-003	1.1900e-003	251.7365
<b>Total</b>		<b>15,004.8231</b>	<b>0.3424</b>	<b>0.0709</b>	<b>15,034.4928</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**



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Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	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	11.2654	0.8862	12.8964	0.0172		0.7210	0.7210		0.7210	0.7210	81.2694	852.6536	933.9230	0.4015	0.0155	948.5869
Unmitigated	11.2654	0.8862	12.8964	0.0172		0.7210	0.7210		0.7210	0.7210	81.2694	852.6536	933.9230	0.4015	0.0155	948.5869

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**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	0.6669					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	9.7179					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.6165	0.7846	4.0922	0.0167		0.6721	0.6721		0.6721	0.6721	81.2694	838.2169	919.4863	0.3877	0.0155	933.8055
Landscaping	0.2641	0.1015	8.8042	4.7000e-004		0.0490	0.0490		0.0490	0.0490	0.0000	14.4367	14.4367	0.0138	0.0000	14.7814
<b>Total</b>	<b>11.2654</b>	<b>0.8862</b>	<b>12.8964</b>	<b>0.0172</b>		<b>0.7210</b>	<b>0.7210</b>		<b>0.7210</b>	<b>0.7210</b>	<b>81.2694</b>	<b>852.6536</b>	<b>933.9230</b>	<b>0.4015</b>	<b>0.0155</b>	<b>948.5869</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	0.6669					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	9.7179					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.6165	0.7846	4.0922	0.0167		0.6721	0.6721		0.6721	0.6721	81.2694	838.2169	919.4863	0.3877	0.0155	933.8055
Landscaping	0.2641	0.1015	8.8042	4.7000e-004		0.0490	0.0490		0.0490	0.0490	0.0000	14.4367	14.4367	0.0138	0.0000	14.7814
<b>Total</b>	<b>11.2654</b>	<b>0.8862</b>	<b>12.8964</b>	<b>0.0172</b>		<b>0.7210</b>	<b>0.7210</b>		<b>0.7210</b>	<b>0.7210</b>	<b>81.2694</b>	<b>852.6536</b>	<b>933.9230</b>	<b>0.4015</b>	<b>0.0155</b>	<b>948.5869</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	2,941.088 3	8.5153	0.2130	3,217.451 0
Unmitigated	2,941.088 3	8.5153	0.2130	3,217.451 0

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Annual

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	58.2477 / 36.7214	690.8848	1.9134	0.0480	753.0196
Condo/Townhouse	15.8976 / 10.0224	188.5636	0.5222	0.0131	205.5221
General Office Building	88.8669 / 54.4668	1,044.0853	2.9189	0.0732	1,138.8628
Government (Civic Center)	5.76113 / 3.53102	67.6868	0.1892	4.7400e-003	73.8311
Government Office Building	6.95309 / 4.26157	81.6909	0.2284	5.7200e-003	89.1065
High Turnover (Sit Down Restaurant)	37.1525 / 2.37144	305.8500	1.2173	0.0300	345.2153
Hotel	8.87837 / 0.986486	75.7778	0.2910	7.1800e-003	85.1902
Junior College (2Yr)	7.35735 / 11.5077	131.2619	0.2427	6.2700e-003	139.1972
Regional Shopping Center	26.9513 / 16.5185	316.6472	0.8852	0.0222	345.3910
Single Family Housing	3.2577 / 2.05377	38.6401	0.1070	2.6800e-003	42.1152
<b>Total</b>		<b>2,941.0883</b>	<b>8.5153</b>	<b>0.2130</b>	<b>3,217.4510</b>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Annual

**7.2 Water by Land Use**

**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	58.2477 / 36.7214	690.8848	1.9134	0.0480	753.0196
Condo/Townhouse	15.8976 / 10.0224	188.5636	0.5222	0.0131	205.5221
General Office Building	88.8669 / 54.4668	1,044.0853	2.9189	0.0732	1,138.8628
Government (Civic Center)	5.76113 / 3.53102	67.6868	0.1892	4.7400e-003	73.8311
Government Office Building	6.95309 / 4.26157	81.6909	0.2284	5.7200e-003	89.1065
High Turnover (Sit Down Restaurant)	37.1525 / 2.37144	305.8500	1.2173	0.0300	345.2153
Hotel	8.87837 / 0.986486	75.7778	0.2910	7.1800e-003	85.1902
Junior College (2Yr)	7.35735 / 11.5077	131.2619	0.2427	6.2700e-003	139.1972
Regional Shopping Center	26.9513 / 16.5185	316.6472	0.8852	0.0222	345.3910
Single Family Housing	3.2577 / 2.05377	38.6401	0.1070	2.6800e-003	42.1152
<b>Total</b>		<b>2,941.0883</b>	<b>8.5153</b>	<b>0.2130</b>	<b>3,217.4510</b>

**8.0 Waste Detail**

**8.1 Mitigation Measures Waste**

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Annual

**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	704.4172	41.6299	0.0000	1,745.1638
Unmitigated	704.4172	41.6299	0.0000	1,745.1638

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Annual

**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	411.24	83.4780	4.9334	0.0000	206.8132
Condo/Townhouse	112.24	22.7837	1.3465	0.0000	56.4457
General Office Building	465	94.3908	5.5783	0.0000	233.8492
Government (Civic Center)	165.3	33.5544	1.9830	0.0000	83.1296
Government Office Building	32.55	6.6074	0.3905	0.0000	16.3694
High Turnover (Sit Down Restaurant)	1456.56	295.6685	17.4735	0.0000	732.5062
Hotel	191.63	38.8992	2.2989	0.0000	96.3710
Junior College (2Yr)	195	39.5832	2.3393	0.0000	98.0658
Regional Shopping Center	382.04	77.5507	4.5831	0.0000	192.1285
Single Family Housing	58.63	11.9014	0.7034	0.0000	29.4851
<b>Total</b>		<b>704.4172</b>	<b>41.6299</b>	<b>0.0000</b>	<b>1,745.1638</b>



Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Annual

**8.2 Waste by Land Use**

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	411.24	83.4780	4.9334	0.0000	206.8132
Condo/Townhouse	112.24	22.7837	1.3465	0.0000	56.4457
General Office Building	465	94.3908	5.5783	0.0000	233.8492
Government (Civic Center)	165.3	33.5544	1.9830	0.0000	83.1296
Government Office Building	32.55	6.6074	0.3905	0.0000	16.3694
High Turnover (Sit Down Restaurant)	1456.56	295.6685	17.4735	0.0000	732.5062
Hotel	191.63	38.8992	2.2989	0.0000	96.3710
Junior College (2Yr)	195	39.5832	2.3393	0.0000	98.0658
Regional Shopping Center	382.04	77.5507	4.5831	0.0000	192.1285
Single Family Housing	58.63	11.9014	0.7034	0.0000	29.4851
<b>Total</b>		<b>704.4172</b>	<b>41.6299</b>	<b>0.0000</b>	<b>1,745.1638</b>

**9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Annual

**10.0 Stationary Equipment**

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**Fire Pumps and Emergency Generators**

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

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

Equipment Type	Number
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**11.0 Vegetation**

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Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Summer

**Indio Downtown Specific Plan - Future Buildout  
Riverside-Salton Sea County, Summer**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Regional Shopping Center	30.00	1000sqft	0.69	30,000.00	0
Hotel	350.00	Room	11.67	175,000.00	0
General Office Building	500.00	1000sqft	11.48	500,000.00	0
Regional Shopping Center	333.85	1000sqft	7.66	333,850.00	0
Government Office Building	35.00	1000sqft	0.80	35,000.00	0
Government (Civic Center)	29.00	1000sqft	0.67	29,000.00	0
Junior College (2Yr)	150.00	1000sqft	3.44	150,000.00	0
Apartments Mid Rise	894.00	Dwelling Unit	23.53	739,200.00	2557
Condo/Townhouse	244.00	Dwelling Unit	15.25	313,800.00	698
Single Family Housing	50.00	Dwelling Unit	16.23	60,000.00	143
High Turnover (Sit Down Restaurant)	122.40	1000sqft	2.81	122,400.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.4	<b>Precipitation Freq (Days)</b>	28
<b>Climate Zone</b>	15			<b>Operational Year</b>	2035
<b>Utility Company</b>	Imperial Irrigation District				
<b>CO2 Intensity (lb/MWhr)</b>	1270.9	<b>CH4 Intensity (lb/MWhr)</b>	0.029	<b>N2O Intensity (lb/MWhr)</b>	0.006

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

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Summer

Project Characteristics - Indio Downtown Specific Plan Operational Analysis for Future Buildout

Land Use - Government office building is City Hall/Library, Civic Center is Museum/IPAC, hotel and residential square footage adjusted based on average square footage. Approximately 50% of new retail would be restaurant.

Construction Phase - Operational analysis

Off-road Equipment - Operational analysis

Grading - Operational analysis

Demolition - Operational analysis

Trips and VMT - Operational analysis

On-road Fugitive Dust - Operational analysis

Architectural Coating - Operational analysis

Vehicle Trips - Weekday trip rate adjusted per project traffic analysis. Civic use and single family residential trips remain at default.

Woodstoves - New multi-family housing would not have wood fireplaces (per SCAQMD Rule 445). Wood fireplaces added to gas fire places for these land uses.

Area Coating - Assumes compliance with SCAQMD Rule 1113

Energy Use -

Construction Off-road Equipment Mitigation - Operational analysis

Mobile Land Use Mitigation - Project would increase overall Plan Area density from approximately 0.63 DU/acre to approximately 10.15 DU/acre. Plan Area is Downtown Indio, adjacent to Indio Bus Station

Area Mitigation - Assumes compliance with SCAQMD Rule 1113

## Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Summer

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	50
tblAreaCoating	Area_EF_Nonresidential_Interior	250	50
tblAreaCoating	Area_EF_Parking	250	50
tblAreaCoating	Area_EF_Residential_Exterior	250	50
tblAreaCoating	Area_EF_Residential_Interior	250	50
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblFireplaces	NumberGas	715.20	804.60
tblFireplaces	NumberGas	195.20	219.60
tblFireplaces	NumberWood	89.40	0.00
tblFireplaces	NumberWood	24.40	0.00
tblLandUse	LandUseSquareFeet	508,200.00	175,000.00
tblLandUse	LandUseSquareFeet	894,000.00	739,200.00
tblLandUse	LandUseSquareFeet	244,000.00	313,800.00
tblLandUse	LandUseSquareFeet	90,000.00	60,000.00
tblVehicleTrips	WD_TR	6.65	5.44
tblVehicleTrips	WD_TR	5.81	5.44
tblVehicleTrips	WD_TR	11.03	9.74
tblVehicleTrips	WD_TR	8.17	8.36
tblVehicleTrips	WD_TR	27.49	20.25
tblVehicleTrips	WD_TR	42.70	37.76
tblVehicleTrips	WD_TR	127.15	112.18

## 2.0 Emissions Summary

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Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Summer

**2.1 Overall Construction (Maximum Daily Emission)**

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	4.4167	45.6199	22.6825	0.0401	18.2169	2.3913	20.6082	9.9706	2.2000	12.1706	0.0000	3,945.4647	3,945.4647	1.1961	0.0000	3,972.1021
2020	8.5479	55.8696	64.2033	0.2150	18.2169	2.1984	20.4152	9.9706	2.0225	11.9931	0.0000	21,738.6561	21,738.6561	1.9468	0.0000	21,778.9999
2021	7.8118	50.7522	59.7799	0.2106	12.8268	1.0757	13.9025	3.4425	1.0109	4.4534	0.0000	21,306.5254	21,306.5254	1.5403	0.0000	21,345.0332
2022	7.2262	47.0790	56.2273	0.2061	12.8267	0.9163	13.7430	3.4425	0.8614	4.3039	0.0000	20,850.5666	20,850.5666	1.4739	0.0000	20,887.4130
2023	6.6235	38.9484	52.8026	0.2000	12.8266	0.7824	13.6090	3.4424	0.7352	4.1776	0.0000	20,239.3602	20,239.3602	1.2952	0.0000	20,271.7395
2024	6.2443	37.6805	50.5327	0.1961	12.8266	0.6952	13.5217	3.4424	0.6529	4.0953	0.0000	19,852.9384	19,852.9384	1.2623	0.0000	19,884.4956
2025	5.8872	36.3086	48.1166	0.1917	12.8265	0.6081	13.4346	3.4424	0.5710	4.0134	0.0000	19,419.3811	19,419.3811	1.2286	0.0000	19,450.0966
2026	5.6651	35.9400	46.1102	0.1879	12.8265	0.6059	13.4323	3.4424	0.5689	4.0113	0.0000	19,036.3843	19,036.3843	1.2006	0.0000	19,066.4001
2027	607.1886	8.5993	14.8547	0.0238	2.2088	0.4192	2.2717	0.5859	0.3856	0.6479	0.0000	2,302.9425	2,302.9425	0.7153	0.0000	2,320.8256
<b>Maximum</b>	<b>607.1886</b>	<b>55.8696</b>	<b>64.2033</b>	<b>0.2150</b>	<b>18.2169</b>	<b>2.3913</b>	<b>20.6082</b>	<b>9.9706</b>	<b>2.2000</b>	<b>12.1706</b>	<b>0.0000</b>	<b>21,738.6561</b>	<b>21,738.6561</b>	<b>1.9468</b>	<b>0.0000</b>	<b>21,778.9999</b>



Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, 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	74.8736	20.2659	197.6352	0.4131		16.9361	16.9361		16.9361	16.9361	2,184.9788	22,712.8194	24,897.7982	10.5934	0.4174	25,287.0021
Energy	2.0415	18.2322	13.1923	0.1114		1.4105	1.4105		1.4105	1.4105		22,270.9909	22,270.9909	0.4269	0.4083	22,403.3363
Mobile	47.5178	408.7863	357.5542	2.1539	173.9537	0.8060	174.7597	46.4947	0.7504	47.2452		222,229.1622	222,229.1622	10.3554		222,488.0476
<b>Total</b>	<b>124.4329</b>	<b>447.2844</b>	<b>568.3817</b>	<b>2.6784</b>	<b>173.9537</b>	<b>19.1526</b>	<b>193.1063</b>	<b>46.4947</b>	<b>19.0970</b>	<b>65.5918</b>	<b>2,184.9788</b>	<b>267,212.9726</b>	<b>269,397.9513</b>	<b>21.3757</b>	<b>0.8257</b>	<b>270,178.3860</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	74.8736	20.2659	197.6352	0.4131		16.9361	16.9361		16.9361	16.9361	2,184.9788	22,712.8194	24,897.7982	10.5934	0.4174	25,287.0021
Energy	2.0415	18.2322	13.1923	0.1114		1.4105	1.4105		1.4105	1.4105		22,270.9909	22,270.9909	0.4269	0.4083	22,403.3363
Mobile	44.1392	392.6828	260.6374	1.5547	107.6902	0.5707	108.2610	28.7837	0.5308	29.3145		160,888.8347	160,888.8347	8.9784		161,113.2952
<b>Total</b>	<b>121.0543</b>	<b>431.1809</b>	<b>471.4649</b>	<b>2.0791</b>	<b>107.6902</b>	<b>18.9173</b>	<b>126.6076</b>	<b>28.7837</b>	<b>18.8774</b>	<b>47.6611</b>	<b>2,184.9788</b>	<b>205,872.6450</b>	<b>208,057.6238</b>	<b>19.9987</b>	<b>0.8257</b>	<b>208,803.6336</b>



## Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, 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	2.72	3.60	17.05	22.37	38.09	1.23	34.44	38.09	1.15	27.34	0.00	22.96	22.77	6.44	0.00	22.72

### 3.0 Construction Detail

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#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	8/1/2019	12/18/2019	5	100	
2	Site Preparation	Site Preparation	12/19/2019	3/11/2020	5	60	
3	Grading	Grading	3/12/2020	10/14/2020	5	155	
4	Building Construction	Building Construction	10/15/2020	9/23/2026	5	1550	
5	Paving	Paving	9/24/2026	2/24/2027	5	110	
6	Architectural Coating	Architectural Coating	2/25/2027	7/28/2027	5	110	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 387.5

Acres of Paving: 0

Residential Indoor: 2,253,825; Residential Outdoor: 751,275; Non-Residential Indoor: 2,062,875; Non-Residential Outdoor: 687,625; Striped Parking Area: 0 (Architectural Coating – sqft)

#### OffRoad Equipment

## Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Excavators	3	8.00	158	0.38
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
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
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
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

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Summer

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
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	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	1,322.00	352.00	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	1	264.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

**3.2 Demolition - 2019**

**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	3.5134	35.7830	22.0600	0.0388		1.7949	1.7949		1.6697	1.6697		3,816.8994	3,816.8994	1.0618		3,843.4451
<b>Total</b>	<b>3.5134</b>	<b>35.7830</b>	<b>22.0600</b>	<b>0.0388</b>		<b>1.7949</b>	<b>1.7949</b>		<b>1.6697</b>	<b>1.6697</b>		<b>3,816.8994</b>	<b>3,816.8994</b>	<b>1.0618</b>		<b>3,843.4451</b>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Summer

**3.2 Demolition - 2019**

**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	0.0681	0.0393	0.5163	1.2900e-003	0.1255	8.0000e-004	0.1263	0.0333	7.4000e-004	0.0340		128.5653	128.5653	3.6700e-003		128.6570
<b>Total</b>	<b>0.0681</b>	<b>0.0393</b>	<b>0.5163</b>	<b>1.2900e-003</b>	<b>0.1255</b>	<b>8.0000e-004</b>	<b>0.1263</b>	<b>0.0333</b>	<b>7.4000e-004</b>	<b>0.0340</b>		<b>128.5653</b>	<b>128.5653</b>	<b>3.6700e-003</b>		<b>128.6570</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	3.5134	35.7830	22.0600	0.0388		1.7949	1.7949		1.6697	1.6697	0.0000	3,816.8994	3,816.8994	1.0618		3,843.4451
<b>Total</b>	<b>3.5134</b>	<b>35.7830</b>	<b>22.0600</b>	<b>0.0388</b>		<b>1.7949</b>	<b>1.7949</b>		<b>1.6697</b>	<b>1.6697</b>	<b>0.0000</b>	<b>3,816.8994</b>	<b>3,816.8994</b>	<b>1.0618</b>		<b>3,843.4451</b>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Summer

**3.2 Demolition - 2019**

**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	0.0681	0.0393	0.5163	1.2900e-003	0.1255	8.0000e-004	0.1263	0.0333	7.4000e-004	0.0340		128.5653	128.5653	3.6700e-003		128.6570
<b>Total</b>	<b>0.0681</b>	<b>0.0393</b>	<b>0.5163</b>	<b>1.2900e-003</b>	<b>0.1255</b>	<b>8.0000e-004</b>	<b>0.1263</b>	<b>0.0333</b>	<b>7.4000e-004</b>	<b>0.0340</b>		<b>128.5653</b>	<b>128.5653</b>	<b>3.6700e-003</b>		<b>128.6570</b>

**3.3 Site Preparation - 2019**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.3350	45.5727	22.0630	0.0380		2.3904	2.3904		2.1991	2.1991		3,766.4529	3,766.4529	1.1917		3,796.2445
<b>Total</b>	<b>4.3350</b>	<b>45.5727</b>	<b>22.0630</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.3904</b>	<b>20.4566</b>	<b>9.9307</b>	<b>2.1991</b>	<b>12.1298</b>		<b>3,766.4529</b>	<b>3,766.4529</b>	<b>1.1917</b>		<b>3,796.2445</b>

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**3.3 Site Preparation - 2019**

**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	0.0817	0.0471	0.6195	1.5500e-003	0.1506	9.6000e-004	0.1516	0.0400	8.8000e-004	0.0408		154.2784	154.2784	4.4000e-003		154.3884
<b>Total</b>	<b>0.0817</b>	<b>0.0471</b>	<b>0.6195</b>	<b>1.5500e-003</b>	<b>0.1506</b>	<b>9.6000e-004</b>	<b>0.1516</b>	<b>0.0400</b>	<b>8.8000e-004</b>	<b>0.0408</b>		<b>154.2784</b>	<b>154.2784</b>	<b>4.4000e-003</b>		<b>154.3884</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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.3350	45.5727	22.0630	0.0380		2.3904	2.3904		2.1991	2.1991	0.0000	3,766.4529	3,766.4529	1.1917		3,796.2445
<b>Total</b>	<b>4.3350</b>	<b>45.5727</b>	<b>22.0630</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.3904</b>	<b>20.4566</b>	<b>9.9307</b>	<b>2.1991</b>	<b>12.1298</b>	<b>0.0000</b>	<b>3,766.4529</b>	<b>3,766.4529</b>	<b>1.1917</b>		<b>3,796.2445</b>

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**3.3 Site Preparation - 2019**

**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	0.0817	0.0471	0.6195	1.5500e-003	0.1506	9.6000e-004	0.1516	0.0400	8.8000e-004	0.0408		154.2784	154.2784	4.4000e-003		154.3884
<b>Total</b>	<b>0.0817</b>	<b>0.0471</b>	<b>0.6195</b>	<b>1.5500e-003</b>	<b>0.1506</b>	<b>9.6000e-004</b>	<b>0.1516</b>	<b>0.0400</b>	<b>8.8000e-004</b>	<b>0.0408</b>		<b>154.2784</b>	<b>154.2784</b>	<b>4.4000e-003</b>		<b>154.3884</b>

**3.3 Site Preparation - 2020**

**Unmitigated Construction On-Site**

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

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**3.3 Site Preparation - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0755	0.0420	0.5620	1.5000e-003	0.1506	9.4000e-004	0.1515	0.0400	8.7000e-004	0.0408		149.4087	149.4087	3.9000e-003		149.5062
<b>Total</b>	<b>0.0755</b>	<b>0.0420</b>	<b>0.5620</b>	<b>1.5000e-003</b>	<b>0.1506</b>	<b>9.4000e-004</b>	<b>0.1515</b>	<b>0.0400</b>	<b>8.7000e-004</b>	<b>0.0408</b>		<b>149.4087</b>	<b>149.4087</b>	<b>3.9000e-003</b>		<b>149.5062</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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975
<b>Total</b>	<b>4.0765</b>	<b>42.4173</b>	<b>21.5136</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.1974</b>	<b>20.2637</b>	<b>9.9307</b>	<b>2.0216</b>	<b>11.9523</b>	<b>0.0000</b>	<b>3,685.1016</b>	<b>3,685.1016</b>	<b>1.1918</b>		<b>3,714.8975</b>



Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Summer

**3.3 Site Preparation - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0755	0.0420	0.5620	1.5000e-003	0.1506	9.4000e-004	0.1515	0.0400	8.7000e-004	0.0408		149.4087	149.4087	3.9000e-003		149.5062
<b>Total</b>	<b>0.0755</b>	<b>0.0420</b>	<b>0.5620</b>	<b>1.5000e-003</b>	<b>0.1506</b>	<b>9.4000e-004</b>	<b>0.1515</b>	<b>0.0400</b>	<b>8.7000e-004</b>	<b>0.0408</b>		<b>149.4087</b>	<b>149.4087</b>	<b>3.9000e-003</b>		<b>149.5062</b>

**3.4 Grading - 2020**

**Unmitigated Construction On-Site**

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

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**3.4 Grading - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0839	0.0466	0.6244	1.6700e-003	0.1673	1.0400e-003	0.1684	0.0444	9.6000e-004	0.0454		166.0097	166.0097	4.3300e-003		166.1180
<b>Total</b>	<b>0.0839</b>	<b>0.0466</b>	<b>0.6244</b>	<b>1.6700e-003</b>	<b>0.1673</b>	<b>1.0400e-003</b>	<b>0.1684</b>	<b>0.0444</b>	<b>9.6000e-004</b>	<b>0.0454</b>		<b>166.0097</b>	<b>166.0097</b>	<b>4.3300e-003</b>		<b>166.1180</b>

**Mitigated Construction On-Site**

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

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**3.4 Grading - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0839	0.0466	0.6244	1.6700e-003	0.1673	1.0400e-003	0.1684	0.0444	9.6000e-004	0.0454		166.0097	166.0097	4.3300e-003		166.1180
<b>Total</b>	<b>0.0839</b>	<b>0.0466</b>	<b>0.6244</b>	<b>1.6700e-003</b>	<b>0.1673</b>	<b>1.0400e-003</b>	<b>0.1684</b>	<b>0.0444</b>	<b>9.6000e-004</b>	<b>0.0454</b>		<b>166.0097</b>	<b>166.0097</b>	<b>4.3300e-003</b>		<b>166.1180</b>

**3.5 Building Construction - 2020**

**Unmitigated Construction On-Site**

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

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**3.5 Building Construction - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.8856	33.6023	6.0804	0.0779	1.7661	0.1635	1.9296	0.5087	0.1564	0.6651		8,212.3555	8,212.3555	0.7045		8,229.9670
Worker	5.5424	3.0812	41.2744	0.1102	11.0608	0.0691	11.1299	2.9338	0.0636	2.9974		10,973.2376	10,973.2376	0.2864		10,980.3985
<b>Total</b>	<b>6.4280</b>	<b>36.6835</b>	<b>47.3548</b>	<b>0.1881</b>	<b>12.8269</b>	<b>0.2326</b>	<b>13.0594</b>	<b>3.4425</b>	<b>0.2200</b>	<b>3.6625</b>		<b>19,185.5931</b>	<b>19,185.5931</b>	<b>0.9909</b>		<b>19,210.3655</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503	0.0000	2,553.0631	2,553.0631	0.6229		2,568.6345
<b>Total</b>	<b>2.1198</b>	<b>19.1860</b>	<b>16.8485</b>	<b>0.0269</b>		<b>1.1171</b>	<b>1.1171</b>		<b>1.0503</b>	<b>1.0503</b>	<b>0.0000</b>	<b>2,553.0631</b>	<b>2,553.0631</b>	<b>0.6229</b>		<b>2,568.6345</b>

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**3.5 Building Construction - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.8856	33.6023	6.0804	0.0779	1.7661	0.1635	1.9296	0.5087	0.1564	0.6651		8,212.3555	8,212.3555	0.7045		8,229.9670
Worker	5.5424	3.0812	41.2744	0.1102	11.0608	0.0691	11.1299	2.9338	0.0636	2.9974		10,973.2376	10,973.2376	0.2864		10,980.3985
<b>Total</b>	<b>6.4280</b>	<b>36.6835</b>	<b>47.3548</b>	<b>0.1881</b>	<b>12.8269</b>	<b>0.2326</b>	<b>13.0594</b>	<b>3.4425</b>	<b>0.2200</b>	<b>3.6625</b>		<b>19,185.5931</b>	<b>19,185.5931</b>	<b>0.9909</b>		<b>19,210.3655</b>

**3.5 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>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Summer

**3.5 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	0.7531	30.5567	5.3830	0.0772	1.7660	0.0499	1.8159	0.5087	0.0477	0.5564		8,146.7670	8,146.7670	0.6669		8,163.4388
Worker	5.1578	2.7635	37.8217	0.1065	11.0608	0.0672	11.1280	2.9338	0.0619	2.9957		10,606.3945	10,606.3945	0.2574		10,612.8301
<b>Total</b>	<b>5.9109</b>	<b>33.3201</b>	<b>43.2047</b>	<b>0.1837</b>	<b>12.8268</b>	<b>0.1171</b>	<b>12.9439</b>	<b>3.4425</b>	<b>0.1096</b>	<b>3.5521</b>		<b>18,753.1615</b>	<b>18,753.1615</b>	<b>0.9243</b>		<b>18,776.2690</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>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Summer

**3.5 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	0.7531	30.5567	5.3830	0.0772	1.7660	0.0499	1.8159	0.5087	0.0477	0.5564		8,146.7670	8,146.7670	0.6669		8,163.4388
Worker	5.1578	2.7635	37.8217	0.1065	11.0608	0.0672	11.1280	2.9338	0.0619	2.9957		10,606.3945	10,606.3945	0.2574		10,612.8301
<b>Total</b>	<b>5.9109</b>	<b>33.3201</b>	<b>43.2047</b>	<b>0.1837</b>	<b>12.8268</b>	<b>0.1171</b>	<b>12.9439</b>	<b>3.4425</b>	<b>0.1096</b>	<b>3.5521</b>		<b>18,753.1615</b>	<b>18,753.1615</b>	<b>0.9243</b>		<b>18,776.2690</b>

**3.5 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>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Summer

**3.5 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	0.7018	28.9780	5.0022	0.0766	1.7659	0.0418	1.8078	0.5087	0.0400	0.5487		8,077.1810	8,077.1810	0.6308		8,092.9504
Worker	4.8181	2.4854	34.8617	0.1026	11.0608	0.0655	11.1263	2.9338	0.0603	2.9941		10,219.0520	10,219.0520	0.2311		10,224.8304
<b>Total</b>	<b>5.5200</b>	<b>31.4634</b>	<b>39.8639</b>	<b>0.1791</b>	<b>12.8267</b>	<b>0.1073</b>	<b>12.9340</b>	<b>3.4425</b>	<b>0.1003</b>	<b>3.5427</b>		<b>18,296.2330</b>	<b>18,296.2330</b>	<b>0.8619</b>		<b>18,317.7808</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>



Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Summer

**3.5 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	0.7018	28.9780	5.0022	0.0766	1.7659	0.0418	1.8078	0.5087	0.0400	0.5487		8,077.1810	8,077.1810	0.6308		8,092.9504
Worker	4.8181	2.4854	34.8617	0.1026	11.0608	0.0655	11.1263	2.9338	0.0603	2.9941		10,219.0520	10,219.0520	0.2311		10,224.8304
<b>Total</b>	<b>5.5200</b>	<b>31.4634</b>	<b>39.8639</b>	<b>0.1791</b>	<b>12.8267</b>	<b>0.1073</b>	<b>12.9340</b>	<b>3.4425</b>	<b>0.1003</b>	<b>3.5427</b>		<b>18,296.2330</b>	<b>18,296.2330</b>	<b>0.8619</b>		<b>18,317.7808</b>

**3.5 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>		<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Summer

**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.5391	22.3234	4.4050	0.0744	1.7659	0.0187	1.7846	0.5086	0.0179	0.5265		7,853.2658	7,853.2658	0.4799		7,865.2641
Worker	4.5116	2.2401	32.1536	0.0986	11.0608	0.0639	11.1247	2.9338	0.0589	2.9927		9,830.8846	9,830.8846	0.2074		9,836.0693
<b>Total</b>	<b>5.0508</b>	<b>24.5635</b>	<b>36.5586</b>	<b>0.1730</b>	<b>12.8266</b>	<b>0.0826</b>	<b>12.9093</b>	<b>3.4424</b>	<b>0.0767</b>	<b>3.5192</b>		<b>17,684.1503</b>	<b>17,684.1503</b>	<b>0.6873</b>		<b>17,701.3334</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	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>	<b>0.0000</b>	<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Summer

**3.5 Building Construction - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.5391	22.3234	4.4050	0.0744	1.7659	0.0187	1.7846	0.5086	0.0179	0.5265		7,853.2658	7,853.2658	0.4799		7,865.2641
Worker	4.5116	2.2401	32.1536	0.0986	11.0608	0.0639	11.1247	2.9338	0.0589	2.9927		9,830.8846	9,830.8846	0.2074		9,836.0693
<b>Total</b>	<b>5.0508</b>	<b>24.5635</b>	<b>36.5586</b>	<b>0.1730</b>	<b>12.8266</b>	<b>0.0826</b>	<b>12.9093</b>	<b>3.4424</b>	<b>0.0767</b>	<b>3.5192</b>		<b>17,684.1503</b>	<b>17,684.1503</b>	<b>0.6873</b>		<b>17,701.3334</b>

**3.5 Building Construction - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
<b>Total</b>	<b>1.4716</b>	<b>13.4438</b>	<b>16.1668</b>	<b>0.0270</b>		<b>0.6133</b>	<b>0.6133</b>		<b>0.5769</b>	<b>0.5769</b>		<b>2,555.6989</b>	<b>2,555.6989</b>	<b>0.6044</b>		<b>2,570.8077</b>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Summer

**3.5 Building Construction - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.5273	22.2064	4.2427	0.0740	1.7658	0.0186	1.7844	0.5086	0.0178	0.5264		7,817.3039	7,817.3039	0.4689		7,829.0273
Worker	4.2454	2.0303	30.1232	0.0951	11.0608	0.0633	11.1240	2.9338	0.0582	2.9920		9,479.9357	9,479.9357	0.1890		9,484.6606
<b>Total</b>	<b>4.7727</b>	<b>24.2367</b>	<b>34.3659</b>	<b>0.1691</b>	<b>12.8266</b>	<b>0.0818</b>	<b>12.9084</b>	<b>3.4424</b>	<b>0.0760</b>	<b>3.5184</b>		<b>17,297.2395</b>	<b>17,297.2395</b>	<b>0.6579</b>		<b>17,313.6879</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	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
<b>Total</b>	<b>1.4716</b>	<b>13.4438</b>	<b>16.1668</b>	<b>0.0270</b>		<b>0.6133</b>	<b>0.6133</b>		<b>0.5769</b>	<b>0.5769</b>	<b>0.0000</b>	<b>2,555.6989</b>	<b>2,555.6989</b>	<b>0.6044</b>		<b>2,570.8077</b>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Summer

**3.5 Building Construction - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.5273	22.2064	4.2427	0.0740	1.7658	0.0186	1.7844	0.5086	0.0178	0.5264		7,817.3039	7,817.3039	0.4689		7,829.0273
Worker	4.2454	2.0303	30.1232	0.0951	11.0608	0.0633	11.1240	2.9338	0.0582	2.9920		9,479.9357	9,479.9357	0.1890		9,484.6606
<b>Total</b>	<b>4.7727</b>	<b>24.2367</b>	<b>34.3659</b>	<b>0.1691</b>	<b>12.8266</b>	<b>0.0818</b>	<b>12.9084</b>	<b>3.4424</b>	<b>0.0760</b>	<b>3.5184</b>		<b>17,297.2395</b>	<b>17,297.2395</b>	<b>0.6579</b>		<b>17,313.6879</b>

**3.5 Building Construction - 2025**

**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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Summer

**3.5 Building Construction - 2025**

**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	0.5132	21.9913	4.0921	0.0735	1.7657	0.0184	1.7841	0.5086	0.0175	0.5261		7,762.744 5	7,762.744 5	0.4564		7,774.155 0
Worker	4.0066	1.8477	27.9398	0.0913	11.0608	0.0621	11.1229	2.9338	0.0572	2.9910		9,100.162 3	9,100.162 3	0.1713		9,104.443 6
<b>Total</b>	<b>4.5198</b>	<b>23.8390</b>	<b>32.0320</b>	<b>0.1648</b>	<b>12.8265</b>	<b>0.0805</b>	<b>12.9070</b>	<b>3.4424</b>	<b>0.0747</b>	<b>3.5171</b>		<b>16,862.90 67</b>	<b>16,862.90 67</b>	<b>0.6277</b>		<b>16,878.59 86</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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Summer

**3.5 Building Construction - 2025**

**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	0.5132	21.9913	4.0921	0.0735	1.7657	0.0184	1.7841	0.5086	0.0175	0.5261		7,762.7445	7,762.7445	0.4564		7,774.1550
Worker	4.0066	1.8477	27.9398	0.0913	11.0608	0.0621	11.1229	2.9338	0.0572	2.9910		9,100.1623	9,100.1623	0.1713		9,104.4436
<b>Total</b>	<b>4.5198</b>	<b>23.8390</b>	<b>32.0320</b>	<b>0.1648</b>	<b>12.8265</b>	<b>0.0805</b>	<b>12.9070</b>	<b>3.4424</b>	<b>0.0747</b>	<b>3.5171</b>		<b>16,862.9067</b>	<b>16,862.9067</b>	<b>0.6277</b>		<b>16,878.5986</b>

**3.5 Building Construction - 2026**

**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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Summer

**3.5 Building Construction - 2026**

**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	0.5009	21.7781	3.9701	0.0730	1.7657	0.0181	1.7838	0.5086	0.0173	0.5259		7,711.3178	7,711.3178	0.4437		7,722.4091
Worker	3.7968	1.6923	26.0554	0.0879	11.0608	0.0602	11.1210	2.9338	0.0554	2.9892		8,768.5921	8,768.5921	0.1560		8,772.4929
<b>Total</b>	<b>4.2977</b>	<b>23.4703</b>	<b>30.0255</b>	<b>0.1609</b>	<b>12.8265</b>	<b>0.0783</b>	<b>12.9048</b>	<b>3.4424</b>	<b>0.0727</b>	<b>3.5151</b>		<b>16,479.9099</b>	<b>16,479.9099</b>	<b>0.5997</b>		<b>16,494.9020</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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>



Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Summer

**3.5 Building Construction - 2026**

**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	0.5009	21.7781	3.9701	0.0730	1.7657	0.0181	1.7838	0.5086	0.0173	0.5259		7,711.3178	7,711.3178	0.4437		7,722.4091
Worker	3.7968	1.6923	26.0554	0.0879	11.0608	0.0602	11.1210	2.9338	0.0554	2.9892		8,768.5921	8,768.5921	0.1560		8,772.4929
<b>Total</b>	<b>4.2977</b>	<b>23.4703</b>	<b>30.0255</b>	<b>0.1609</b>	<b>12.8265</b>	<b>0.0783</b>	<b>12.9048</b>	<b>3.4424</b>	<b>0.0727</b>	<b>3.5151</b>		<b>16,479.9099</b>	<b>16,479.9099</b>	<b>0.5997</b>		<b>16,494.9020</b>

**3.6 Paving - 2026**

**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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.9152</b>	<b>8.5816</b>	<b>14.5780</b>	<b>0.0228</b>		<b>0.4185</b>	<b>0.4185</b>		<b>0.3850</b>	<b>0.3850</b>		<b>2,206.7452</b>	<b>2,206.7452</b>	<b>0.7137</b>		<b>2,224.5878</b>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Summer

**3.6 Paving - 2026**

**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	0.0431	0.0192	0.2956	1.0000e-003	0.1255	6.8000e-004	0.1262	0.0333	6.3000e-004	0.0339		99.4924	99.4924	1.7700e-003		99.5366
<b>Total</b>	<b>0.0431</b>	<b>0.0192</b>	<b>0.2956</b>	<b>1.0000e-003</b>	<b>0.1255</b>	<b>6.8000e-004</b>	<b>0.1262</b>	<b>0.0333</b>	<b>6.3000e-004</b>	<b>0.0339</b>		<b>99.4924</b>	<b>99.4924</b>	<b>1.7700e-003</b>		<b>99.5366</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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.9152</b>	<b>8.5816</b>	<b>14.5780</b>	<b>0.0228</b>		<b>0.4185</b>	<b>0.4185</b>		<b>0.3850</b>	<b>0.3850</b>	<b>0.0000</b>	<b>2,206.7452</b>	<b>2,206.7452</b>	<b>0.7137</b>		<b>2,224.5878</b>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Summer

**3.6 Paving - 2026**

**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	0.0431	0.0192	0.2956	1.0000e-003	0.1255	6.8000e-004	0.1262	0.0333	6.3000e-004	0.0339		99.4924	99.4924	1.7700e-003		99.5366
<b>Total</b>	<b>0.0431</b>	<b>0.0192</b>	<b>0.2956</b>	<b>1.0000e-003</b>	<b>0.1255</b>	<b>6.8000e-004</b>	<b>0.1262</b>	<b>0.0333</b>	<b>6.3000e-004</b>	<b>0.0339</b>		<b>99.4924</b>	<b>99.4924</b>	<b>1.7700e-003</b>		<b>99.5366</b>

**3.6 Paving - 2027**

**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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.9152</b>	<b>8.5816</b>	<b>14.5780</b>	<b>0.0228</b>		<b>0.4185</b>	<b>0.4185</b>		<b>0.3850</b>	<b>0.3850</b>		<b>2,206.7452</b>	<b>2,206.7452</b>	<b>0.7137</b>		<b>2,224.5878</b>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Summer

**3.6 Paving - 2027**

**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	0.0408	0.0176	0.2767	9.6000e-004	0.1255	6.5000e-004	0.1262	0.0333	6.0000e-004	0.0339		96.1974	96.1974	1.6200e-003		96.2378
<b>Total</b>	<b>0.0408</b>	<b>0.0176</b>	<b>0.2767</b>	<b>9.6000e-004</b>	<b>0.1255</b>	<b>6.5000e-004</b>	<b>0.1262</b>	<b>0.0333</b>	<b>6.0000e-004</b>	<b>0.0339</b>		<b>96.1974</b>	<b>96.1974</b>	<b>1.6200e-003</b>		<b>96.2378</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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.9152</b>	<b>8.5816</b>	<b>14.5780</b>	<b>0.0228</b>		<b>0.4185</b>	<b>0.4185</b>		<b>0.3850</b>	<b>0.3850</b>	<b>0.0000</b>	<b>2,206.7452</b>	<b>2,206.7452</b>	<b>0.7137</b>		<b>2,224.5878</b>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Summer

**3.6 Paving - 2027**

**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	0.0408	0.0176	0.2767	9.6000e-004	0.1255	6.5000e-004	0.1262	0.0333	6.0000e-004	0.0339		96.1974	96.1974	1.6200e-003		96.2378
<b>Total</b>	<b>0.0408</b>	<b>0.0176</b>	<b>0.2767</b>	<b>9.6000e-004</b>	<b>0.1255</b>	<b>6.5000e-004</b>	<b>0.1262</b>	<b>0.0333</b>	<b>6.0000e-004</b>	<b>0.0339</b>		<b>96.1974</b>	<b>96.1974</b>	<b>1.6200e-003</b>		<b>96.2378</b>

**3.7 Architectural Coating - 2027**

**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	606.3001					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
<b>Total</b>	<b>606.4710</b>	<b>1.1455</b>	<b>1.8091</b>	<b>2.9700e-003</b>		<b>0.0515</b>	<b>0.0515</b>		<b>0.0515</b>	<b>0.0515</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Summer

**3.7 Architectural Coating - 2027**

**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	0.7176	0.3103	4.8696	0.0170	2.2088	0.0114	2.2202	0.5859	0.0105	0.5964		1,693.0738	1,693.0738	0.0285		1,693.7852
<b>Total</b>	<b>0.7176</b>	<b>0.3103</b>	<b>4.8696</b>	<b>0.0170</b>	<b>2.2088</b>	<b>0.0114</b>	<b>2.2202</b>	<b>0.5859</b>	<b>0.0105</b>	<b>0.5964</b>		<b>1,693.0738</b>	<b>1,693.0738</b>	<b>0.0285</b>		<b>1,693.7852</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	606.3001					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
<b>Total</b>	<b>606.4710</b>	<b>1.1455</b>	<b>1.8091</b>	<b>2.9700e-003</b>		<b>0.0515</b>	<b>0.0515</b>		<b>0.0515</b>	<b>0.0515</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Summer

**3.7 Architectural Coating - 2027**

**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	0.7176	0.3103	4.8696	0.0170	2.2088	0.0114	2.2202	0.5859	0.0105	0.5964		1,693.0738	1,693.0738	0.0285		1,693.7852
<b>Total</b>	<b>0.7176</b>	<b>0.3103</b>	<b>4.8696</b>	<b>0.0170</b>	<b>2.2088</b>	<b>0.0114</b>	<b>2.2202</b>	<b>0.5859</b>	<b>0.0105</b>	<b>0.5964</b>		<b>1,693.0738</b>	<b>1,693.0738</b>	<b>0.0285</b>		<b>1,693.7852</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

Increase Density

Improve Destination Accessibility

Increase Transit Accessibility

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, 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	44.1392	392.6828	260.6374	1.5547	107.6902	0.5707	108.2610	28.7837	0.5308	29.3145		160,888.8347	160,888.8347	8.9784		161,113.2952
Unmitigated	47.5178	408.7863	357.5542	2.1539	173.9537	0.8060	174.7597	46.4947	0.7504	47.2452		222,229.1622	222,229.1622	10.3554		222,488.0476

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	4,863.36	5,712.66	5238.84	11,270,343	6,977,180
Condo/Townhouse	1,327.36	1,383.48	1180.96	2,940,350	1,820,295
General Office Building	4,870.00	1,230.00	525.00	7,958,819	4,927,100
Government (Civic Center)	809.68	0.00	0.00	1,294,620	801,466
Government Office Building	2,412.55	0.00	0.00	2,578,311	1,596,166
Hotel	2,926.00	2,866.50	2082.50	4,153,662	2,571,425
Junior College (2Yr)	3,037.50	1,684.50	181.50	3,984,090	2,466,448
Regional Shopping Center	1,132.80	1,499.10	757.20	1,498,543	927,709
Regional Shopping Center	12,606.18	16,682.48	8426.37	16,676,282	10,323,858
Single Family Housing	476.00	495.50	431.00	1,056,626	654,130
High Turnover (Sit Down Restaurant)	13,730.83	19,384.49	16137.22	11,912,681	7,374,835
<b>Total</b>	<b>48,192.26</b>	<b>50,938.71</b>	<b>34,960.59</b>	<b>65,324,326</b>	<b>40,440,614</b>

4.3 Trip Type Information



Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Summer

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	11.00	3.50	4.50	40.20	19.20	40.60	86	11	3
Condo/Townhouse	11.00	3.50	4.50	40.20	19.20	40.60	86	11	3
General Office Building	12.50	4.20	5.40	33.00	48.00	19.00	77	19	4
Government (Civic Center)	12.50	4.20	5.40	75.00	20.00	5.00	50	34	16
Government Office Building	12.50	4.20	5.40	33.00	62.00	5.00	50	34	16
Hotel	12.50	4.20	5.40	19.40	61.60	19.00	58	38	4
Junior College (2Yr)	12.50	4.20	5.40	6.40	88.60	5.00	92	7	1
Regional Shopping Center	12.50	4.20	5.40	16.30	64.70	19.00	54	35	11
Regional Shopping Center	12.50	4.20	5.40	16.30	64.70	19.00	54	35	11
Single Family Housing	11.00	3.50	4.50	40.20	19.20	40.60	86	11	3
High Turnover (Sit Down Restaurant)	12.50	4.20	5.40	8.50	72.50	19.00	37	20	43

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Condo/Townhouse	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
General Office Building	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Government (Civic Center)	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Government Office Building	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Hotel	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Junior College (2Yr)	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Regional Shopping Center	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Single Family Housing	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
High Turnover (Sit Down Restaurant)	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539

5.0 Energy Detail

Historical Energy Use: N

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Summer

**5.1 Mitigation Measures Energy**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	2.0415	18.2322	13.1923	0.1114		1.4105	1.4105		1.4105	1.4105		22,270.9909	22,270.9909	0.4269	0.4083	22,403.3363
NaturalGas Unmitigated	2.0415	18.2322	13.1923	0.1114		1.4105	1.4105		1.4105	1.4105		22,270.9909	22,270.9909	0.4269	0.4083	22,403.3363

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, 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					
Apartments Mid Rise	36235.4	0.3908	3.3393	1.4210	0.0213		0.2700	0.2700		0.2700	0.2700		4,262.9839	4,262.9839	0.0817	0.0782	4,288.3167
Condo/Townhouse	15150.4	0.1634	1.3962	0.5941	8.9100e-003		0.1129	0.1129		0.1129	0.1129		1,782.4017	1,782.4017	0.0342	0.0327	1,792.9936
General Office Building	4753.42	0.0513	0.4660	0.3915	2.8000e-003		0.0354	0.0354		0.0354	0.0354		559.2264	559.2264	0.0107	0.0103	562.5496
Government (Civic Center)	275.699	2.9700e-003	0.0270	0.0227	1.6000e-004		2.0500e-003	2.0500e-003		2.0500e-003	2.0500e-003		32.4351	32.4351	6.2000e-004	5.9000e-004	32.6279
Government Office Building	332.74	3.5900e-003	0.0326	0.0274	2.0000e-004		2.4800e-003	2.4800e-003		2.4800e-003	2.4800e-003		39.1459	39.1459	7.5000e-004	7.2000e-004	39.3785
High Turnover (Sit Down Restaurant)	91696	0.9889	8.9898	7.5514	0.0539		0.6832	0.6832		0.6832	0.6832		10,787.7699	10,787.7699	0.2068	0.1978	10,851.8762
Hotel	28771.9	0.3103	2.8208	2.3695	0.0169		0.2144	0.2144		0.2144	0.2144		3,384.9315	3,384.9315	0.0649	0.0621	3,405.0465
Junior College (2Yr)	5683.56	0.0613	0.5572	0.4681	3.3400e-003		0.0424	0.0424		0.0424	0.0424		668.6543	668.6543	0.0128	0.0123	672.6278
Regional Shopping Center	182.466	1.9700e-003	0.0179	0.0150	1.1000e-004		1.3600e-003	1.3600e-003		1.3600e-003	1.3600e-003		21.4666	21.4666	4.1000e-004	3.9000e-004	21.5941
Regional Shopping Center	2030.54	0.0219	0.1991	0.1672	1.1900e-003		0.0151	0.0151		0.0151	0.0151		238.8870	238.8870	4.5800e-003	4.3800e-003	240.3066
Single Family Housing	4191.25	0.0452	0.3863	0.1644	2.4700e-003		0.0312	0.0312		0.0312	0.0312		493.0886	493.0886	9.4500e-003	9.0400e-003	496.0188
<b>Total</b>		<b>2.0415</b>	<b>18.2322</b>	<b>13.1922</b>	<b>0.1114</b>		<b>1.4105</b>	<b>1.4105</b>		<b>1.4105</b>	<b>1.4105</b>		<b>22,270.9909</b>	<b>22,270.9909</b>	<b>0.4269</b>	<b>0.4083</b>	<b>22,403.3363</b>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, 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					
Apartments Mid Rise	36.2354	0.3908	3.3393	1.4210	0.0213		0.2700	0.2700		0.2700	0.2700		4,262.9839	4,262.9839	0.0817	0.0782	4,288.3167
Condo/Townhouse	15.1504	0.1634	1.3962	0.5941	8.9100e-003		0.1129	0.1129		0.1129	0.1129		1,782.4017	1,782.4017	0.0342	0.0327	1,792.9936
General Office Building	4.75342	0.0513	0.4660	0.3915	2.8000e-003		0.0354	0.0354		0.0354	0.0354		559.2264	559.2264	0.0107	0.0103	562.5496
Government (Civic Center)	0.275699	2.9700e-003	0.0270	0.0227	1.6000e-004		2.0500e-003	2.0500e-003		2.0500e-003	2.0500e-003		32.4351	32.4351	6.2000e-004	5.9000e-004	32.6279
Government Office Building	0.33274	3.5900e-003	0.0326	0.0274	2.0000e-004		2.4800e-003	2.4800e-003		2.4800e-003	2.4800e-003		39.1459	39.1459	7.5000e-004	7.2000e-004	39.3785
High Turnover (Sit Down Restaurant)	91.696	0.9889	8.9898	7.5514	0.0539		0.6832	0.6832		0.6832	0.6832		10,787.7699	10,787.7699	0.2068	0.1978	10,851.8762
Hotel	28.7719	0.3103	2.8208	2.3695	0.0169		0.2144	0.2144		0.2144	0.2144		3,384.9315	3,384.9315	0.0649	0.0621	3,405.0465
Junior College (2Yr)	5.68356	0.0613	0.5572	0.4681	3.3400e-003		0.0424	0.0424		0.0424	0.0424		668.6543	668.6543	0.0128	0.0123	672.6278
Regional Shopping Center	0.182466	1.9700e-003	0.0179	0.0150	1.1000e-004		1.3600e-003	1.3600e-003		1.3600e-003	1.3600e-003		21.4666	21.4666	4.1000e-004	3.9000e-004	21.5941
Regional Shopping Center	2.03054	0.0219	0.1991	0.1672	1.1900e-003		0.0151	0.0151		0.0151	0.0151		238.8870	238.8870	4.5800e-003	4.3800e-003	240.3066
Single Family Housing	4.19125	0.0452	0.3863	0.1644	2.4700e-003		0.0312	0.0312		0.0312	0.0312		493.0886	493.0886	9.4500e-003	9.0400e-003	496.0188
<b>Total</b>		<b>2.0415</b>	<b>18.2322</b>	<b>13.1922</b>	<b>0.1114</b>		<b>1.4105</b>	<b>1.4105</b>		<b>1.4105</b>	<b>1.4105</b>		<b>22,270.9909</b>	<b>22,270.9909</b>	<b>0.4269</b>	<b>0.4083</b>	<b>22,403.3363</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Summer

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	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	74.8736	20.2659	197.6352	0.4131		16.9361	16.9361		16.9361	16.9361	2,184.9788	22,712.8194	24,897.7982	10.5934	0.4174	25,287.0021
Unmitigated	74.8736	20.2659	197.6352	0.4131		16.9361	16.9361		16.9361	16.9361	2,184.9788	22,712.8194	24,897.7982	10.5934	0.4174	25,287.0021

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Summer

**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	3.6544					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	53.2486					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	15.0360	19.1377	99.8108	0.4079		16.3920	16.3920		16.3920	16.3920	2,184.9788	22,536.0000	24,720.9788	10.4245	0.4174	25,105.9609
Landscaping	2.9346	1.1282	97.8244	5.1900e-003		0.5441	0.5441		0.5441	0.5441		176.8194	176.8194	0.1689		181.0412
<b>Total</b>	<b>74.8736</b>	<b>20.2659</b>	<b>197.6352</b>	<b>0.4131</b>		<b>16.9361</b>	<b>16.9361</b>		<b>16.9361</b>	<b>16.9361</b>	<b>2,184.9788</b>	<b>22,712.8194</b>	<b>24,897.7982</b>	<b>10.5934</b>	<b>0.4174</b>	<b>25,287.0021</b>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, 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	3.6544					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	53.2486					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	15.0360	19.1377	99.8108	0.4079		16.3920	16.3920		16.3920	16.3920	2,184.9788	22,536.0000	24,720.9788	10.4245	0.4174	25,105.9609
Landscaping	2.9346	1.1282	97.8244	5.1900e-003		0.5441	0.5441		0.5441	0.5441		176.8194	176.8194	0.1689		181.0412
<b>Total</b>	<b>74.8736</b>	<b>20.2659</b>	<b>197.6352</b>	<b>0.4131</b>		<b>16.9361</b>	<b>16.9361</b>		<b>16.9361</b>	<b>16.9361</b>	<b>2,184.9788</b>	<b>22,712.8194</b>	<b>24,897.7982</b>	<b>10.5934</b>	<b>0.4174</b>	<b>25,287.0021</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**

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Summer

**Fire Pumps and Emergency Generators**

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

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

Equipment Type	Number
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**11.0 Vegetation**

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Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Winter

**Indio Downtown Specific Plan - Future Buildout  
Riverside-Salton Sea County, Winter**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Regional Shopping Center	30.00	1000sqft	0.69	30,000.00	0
Hotel	350.00	Room	11.67	175,000.00	0
General Office Building	500.00	1000sqft	11.48	500,000.00	0
Regional Shopping Center	333.85	1000sqft	7.66	333,850.00	0
Government Office Building	35.00	1000sqft	0.80	35,000.00	0
Government (Civic Center)	29.00	1000sqft	0.67	29,000.00	0
Junior College (2Yr)	150.00	1000sqft	3.44	150,000.00	0
Apartments Mid Rise	894.00	Dwelling Unit	23.53	739,200.00	2557
Condo/Townhouse	244.00	Dwelling Unit	15.25	313,800.00	698
Single Family Housing	50.00	Dwelling Unit	16.23	60,000.00	143
High Turnover (Sit Down Restaurant)	122.40	1000sqft	2.81	122,400.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.4	<b>Precipitation Freq (Days)</b>	28
<b>Climate Zone</b>	15			<b>Operational Year</b>	2035
<b>Utility Company</b>	Imperial Irrigation District				
<b>CO2 Intensity (lb/MWhr)</b>	1270.9	<b>CH4 Intensity (lb/MWhr)</b>	0.029	<b>N2O Intensity (lb/MWhr)</b>	0.006

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

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Winter

Project Characteristics - Indio Downtown Specific Plan Operational Analysis for Future Buildout

Land Use - Government office building is City Hall/Library, Civic Center is Museum/IPAC, hotel and residential square footage adjusted based on average square footage. Approximately 50% of new retail would be restaurant.

Construction Phase - Operational analysis

Off-road Equipment - Operational analysis

Grading - Operational analysis

Demolition - Operational analysis

Trips and VMT - Operational analysis

On-road Fugitive Dust - Operational analysis

Architectural Coating - Operational analysis

Vehicle Trips - Weekday trip rate adjusted per project traffic analysis. Civic use and single family residential trips remain at default.

Woodstoves - New multi-family housing would not have wood fireplaces (per SCAQMD Rule 445). Wood fireplaces added to gas fire places for these land uses.

Area Coating - Assumes compliance with SCAQMD Rule 1113

Energy Use -

Construction Off-road Equipment Mitigation - Operational analysis

Mobile Land Use Mitigation - Project would increase overall Plan Area density from approximately 0.63 DU/acre to approximately 10.15 DU/acre. Plan Area is Downtown Indio, adjacent to Indio Bus Station

Area Mitigation - Assumes compliance with SCAQMD Rule 1113

## Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Winter

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	50
tblAreaCoating	Area_EF_Nonresidential_Interior	250	50
tblAreaCoating	Area_EF_Parking	250	50
tblAreaCoating	Area_EF_Residential_Exterior	250	50
tblAreaCoating	Area_EF_Residential_Interior	250	50
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblFireplaces	NumberGas	715.20	804.60
tblFireplaces	NumberGas	195.20	219.60
tblFireplaces	NumberWood	89.40	0.00
tblFireplaces	NumberWood	24.40	0.00
tblLandUse	LandUseSquareFeet	508,200.00	175,000.00
tblLandUse	LandUseSquareFeet	894,000.00	739,200.00
tblLandUse	LandUseSquareFeet	244,000.00	313,800.00
tblLandUse	LandUseSquareFeet	90,000.00	60,000.00
tblVehicleTrips	WD_TR	6.65	5.44
tblVehicleTrips	WD_TR	5.81	5.44
tblVehicleTrips	WD_TR	11.03	9.74
tblVehicleTrips	WD_TR	8.17	8.36
tblVehicleTrips	WD_TR	27.49	20.25
tblVehicleTrips	WD_TR	42.70	37.76
tblVehicleTrips	WD_TR	127.15	112.18

## 2.0 Emissions Summary

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Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Winter

**2.1 Overall Construction (Maximum Daily Emission)**

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	4.4130	45.6215	22.5719	0.0400	18.2169	2.3913	20.6082	9.9706	2.2000	12.1706	0.0000	3,932.3016	3,932.3016	1.1955	0.0000	3,958.9277
2020	8.3558	55.6486	57.9045	0.2002	18.2169	2.1984	20.4152	9.9706	2.0225	11.9931	0.0000	20,250.4489	20,250.4489	1.9462	0.0000	20,291.9586
2021	7.6432	50.4594	53.9630	0.1963	12.8268	1.0776	13.9044	3.4425	1.0127	4.4551	0.0000	19,858.4856	19,858.4856	1.5871	0.0000	19,898.1639
2022	7.0825	46.7626	50.8490	0.1921	12.8267	0.9180	13.7447	3.4425	0.8630	4.3055	0.0000	19,443.7321	19,443.7321	1.5207	0.0000	19,481.7496
2023	6.4911	38.6661	47.6042	0.1866	12.8266	0.7831	13.6098	3.4424	0.7359	4.1783	0.0000	18,887.9365	18,887.9365	1.3242	0.0000	18,921.0416
2024	6.1332	37.3946	45.6330	0.1831	12.8266	0.6959	13.5224	3.4424	0.6536	4.0960	0.0000	18,540.7178	18,540.7178	1.2923	0.0000	18,573.0255
2025	5.7935	36.0150	43.5886	0.1792	12.8265	0.6087	13.4352	3.4424	0.5716	4.0140	0.0000	18,151.1043	18,151.1043	1.2594	0.0000	18,182.5883
2026	5.5880	35.6398	41.8979	0.1757	12.8265	0.6065	13.4329	3.4424	0.5695	4.0119	0.0000	17,806.4802	17,806.4802	1.2316	0.0000	17,837.2704
2027	607.1694	8.5998	14.8022	0.0237	2.2088	0.4192	2.2717	0.5859	0.3856	0.6479	0.0000	2,293.0901	2,293.0901	0.7151	0.0000	2,310.9683
<b>Maximum</b>	<b>607.1694</b>	<b>55.6486</b>	<b>57.9045</b>	<b>0.2002</b>	<b>18.2169</b>	<b>2.3913</b>	<b>20.6082</b>	<b>9.9706</b>	<b>2.2000</b>	<b>12.1706</b>	<b>0.0000</b>	<b>20,250.4489</b>	<b>20,250.4489</b>	<b>1.9462</b>	<b>0.0000</b>	<b>20,291.9586</b>



Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, 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	74.8736	20.2659	197.6352	0.4131		16.9361	16.9361		16.9361	16.9361	2,184.9788	22,712.8194	24,897.7982	10.5934	0.4174	25,287.0021
Energy	2.0415	18.2322	13.1923	0.1114		1.4105	1.4105		1.4105	1.4105		22,270.9909	22,270.9909	0.4269	0.4083	22,403.3363
Mobile	38.8233	399.9437	331.5454	1.9800	173.9537	0.8133	174.7669	46.4947	0.7574	47.2521		204,433.2501	204,433.2501	11.1273		204,711.4327
<b>Total</b>	<b>115.7384</b>	<b>438.4418</b>	<b>542.3728</b>	<b>2.5044</b>	<b>173.9537</b>	<b>19.1599</b>	<b>193.1135</b>	<b>46.4947</b>	<b>19.1040</b>	<b>65.5987</b>	<b>2,184.9788</b>	<b>249,417.0604</b>	<b>251,602.0392</b>	<b>22.1476</b>	<b>0.8257</b>	<b>252,401.7711</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	74.8736	20.2659	197.6352	0.4131		16.9361	16.9361		16.9361	16.9361	2,184.9788	22,712.8194	24,897.7982	10.5934	0.4174	25,287.0021
Energy	2.0415	18.2322	13.1923	0.1114		1.4105	1.4105		1.4105	1.4105		22,270.9909	22,270.9909	0.4269	0.4083	22,403.3363
Mobile	35.5822	382.9964	253.2417	1.4205	107.6902	0.5780	108.2682	28.7837	0.5377	29.3214		147,048.3584	147,048.3584	9.8065		147,293.5219
<b>Total</b>	<b>112.4972</b>	<b>421.4946</b>	<b>464.0691</b>	<b>1.9449</b>	<b>107.6902</b>	<b>18.9246</b>	<b>126.6148</b>	<b>28.7837</b>	<b>18.8843</b>	<b>47.6680</b>	<b>2,184.9788</b>	<b>192,032.1687</b>	<b>194,217.1475</b>	<b>20.8268</b>	<b>0.8257</b>	<b>194,983.8603</b>

## Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, 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	2.80	3.87	14.44	22.34	38.09	1.23	34.44	38.09	1.15	27.33	0.00	23.01	22.81	5.96	0.00	22.75

### 3.0 Construction Detail

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#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	8/1/2019	12/18/2019	5	100	
2	Site Preparation	Site Preparation	12/19/2019	3/11/2020	5	60	
3	Grading	Grading	3/12/2020	10/14/2020	5	155	
4	Building Construction	Building Construction	10/15/2020	9/23/2026	5	1550	
5	Paving	Paving	9/24/2026	2/24/2027	5	110	
6	Architectural Coating	Architectural Coating	2/25/2027	7/28/2027	5	110	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 387.5

Acres of Paving: 0

Residential Indoor: 2,253,825; Residential Outdoor: 751,275; Non-Residential Indoor: 2,062,875; Non-Residential Outdoor: 687,625; Striped Parking Area: 0 (Architectural Coating – sqft)

#### OffRoad Equipment

## Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Excavators	3	8.00	158	0.38
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
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
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
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



Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
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	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	1,322.00	352.00	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	1	264.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

**3.2 Demolition - 2019**

**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	3.5134	35.7830	22.0600	0.0388		1.7949	1.7949		1.6697	1.6697		3,816.8994	3,816.8994	1.0618		3,843.4451
<b>Total</b>	<b>3.5134</b>	<b>35.7830</b>	<b>22.0600</b>	<b>0.0388</b>		<b>1.7949</b>	<b>1.7949</b>		<b>1.6697</b>	<b>1.6697</b>		<b>3,816.8994</b>	<b>3,816.8994</b>	<b>1.0618</b>		<b>3,843.4451</b>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Winter

**3.2 Demolition - 2019**

**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	0.0650	0.0407	0.4241	1.1600e-003	0.1255	8.0000e-004	0.1263	0.0333	7.4000e-004	0.0340		115.4022	115.4022	3.2100e-003		115.4826
<b>Total</b>	<b>0.0650</b>	<b>0.0407</b>	<b>0.4241</b>	<b>1.1600e-003</b>	<b>0.1255</b>	<b>8.0000e-004</b>	<b>0.1263</b>	<b>0.0333</b>	<b>7.4000e-004</b>	<b>0.0340</b>		<b>115.4022</b>	<b>115.4022</b>	<b>3.2100e-003</b>		<b>115.4826</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	3.5134	35.7830	22.0600	0.0388		1.7949	1.7949		1.6697	1.6697	0.0000	3,816.8994	3,816.8994	1.0618		3,843.4451
<b>Total</b>	<b>3.5134</b>	<b>35.7830</b>	<b>22.0600</b>	<b>0.0388</b>		<b>1.7949</b>	<b>1.7949</b>		<b>1.6697</b>	<b>1.6697</b>	<b>0.0000</b>	<b>3,816.8994</b>	<b>3,816.8994</b>	<b>1.0618</b>		<b>3,843.4451</b>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Winter

**3.2 Demolition - 2019**

**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	0.0650	0.0407	0.4241	1.1600e-003	0.1255	8.0000e-004	0.1263	0.0333	7.4000e-004	0.0340		115.4022	115.4022	3.2100e-003		115.4826
<b>Total</b>	<b>0.0650</b>	<b>0.0407</b>	<b>0.4241</b>	<b>1.1600e-003</b>	<b>0.1255</b>	<b>8.0000e-004</b>	<b>0.1263</b>	<b>0.0333</b>	<b>7.4000e-004</b>	<b>0.0340</b>		<b>115.4022</b>	<b>115.4022</b>	<b>3.2100e-003</b>		<b>115.4826</b>

**3.3 Site Preparation - 2019**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.3350	45.5727	22.0630	0.0380		2.3904	2.3904		2.1991	2.1991		3,766.4529	3,766.4529	1.1917		3,796.2445
<b>Total</b>	<b>4.3350</b>	<b>45.5727</b>	<b>22.0630</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.3904</b>	<b>20.4566</b>	<b>9.9307</b>	<b>2.1991</b>	<b>12.1298</b>		<b>3,766.4529</b>	<b>3,766.4529</b>	<b>1.1917</b>		<b>3,796.2445</b>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Winter

**3.3 Site Preparation - 2019**

**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	0.0780	0.0488	0.5089	1.3900e-003	0.1506	9.6000e-004	0.1516	0.0400	8.8000e-004	0.0408		138.4827	138.4827	3.8600e-003		138.5791
<b>Total</b>	<b>0.0780</b>	<b>0.0488</b>	<b>0.5089</b>	<b>1.3900e-003</b>	<b>0.1506</b>	<b>9.6000e-004</b>	<b>0.1516</b>	<b>0.0400</b>	<b>8.8000e-004</b>	<b>0.0408</b>		<b>138.4827</b>	<b>138.4827</b>	<b>3.8600e-003</b>		<b>138.5791</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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.3350	45.5727	22.0630	0.0380		2.3904	2.3904		2.1991	2.1991	0.0000	3,766.4529	3,766.4529	1.1917		3,796.2445
<b>Total</b>	<b>4.3350</b>	<b>45.5727</b>	<b>22.0630</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.3904</b>	<b>20.4566</b>	<b>9.9307</b>	<b>2.1991</b>	<b>12.1298</b>	<b>0.0000</b>	<b>3,766.4529</b>	<b>3,766.4529</b>	<b>1.1917</b>		<b>3,796.2445</b>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Winter

**3.3 Site Preparation - 2019**

**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	0.0780	0.0488	0.5089	1.3900e-003	0.1506	9.6000e-004	0.1516	0.0400	8.8000e-004	0.0408		138.4827	138.4827	3.8600e-003		138.5791
<b>Total</b>	<b>0.0780</b>	<b>0.0488</b>	<b>0.5089</b>	<b>1.3900e-003</b>	<b>0.1506</b>	<b>9.6000e-004</b>	<b>0.1516</b>	<b>0.0400</b>	<b>8.8000e-004</b>	<b>0.0408</b>		<b>138.4827</b>	<b>138.4827</b>	<b>3.8600e-003</b>		<b>138.5791</b>

**3.3 Site Preparation - 2020**

**Unmitigated Construction On-Site**

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

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Winter

**3.3 Site Preparation - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0721	0.0434	0.4607	1.3500e-003	0.1506	9.4000e-004	0.1515	0.0400	8.7000e-004	0.0408		134.1053	134.1053	3.4200e-003		134.1907
<b>Total</b>	<b>0.0721</b>	<b>0.0434</b>	<b>0.4607</b>	<b>1.3500e-003</b>	<b>0.1506</b>	<b>9.4000e-004</b>	<b>0.1515</b>	<b>0.0400</b>	<b>8.7000e-004</b>	<b>0.0408</b>		<b>134.1053</b>	<b>134.1053</b>	<b>3.4200e-003</b>		<b>134.1907</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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975
<b>Total</b>	<b>4.0765</b>	<b>42.4173</b>	<b>21.5136</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.1974</b>	<b>20.2637</b>	<b>9.9307</b>	<b>2.0216</b>	<b>11.9523</b>	<b>0.0000</b>	<b>3,685.1016</b>	<b>3,685.1016</b>	<b>1.1918</b>		<b>3,714.8975</b>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Winter

**3.3 Site Preparation - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0721	0.0434	0.4607	1.3500e-003	0.1506	9.4000e-004	0.1515	0.0400	8.7000e-004	0.0408		134.1053	134.1053	3.4200e-003		134.1907
<b>Total</b>	<b>0.0721</b>	<b>0.0434</b>	<b>0.4607</b>	<b>1.3500e-003</b>	<b>0.1506</b>	<b>9.4000e-004</b>	<b>0.1515</b>	<b>0.0400</b>	<b>8.7000e-004</b>	<b>0.0408</b>		<b>134.1053</b>	<b>134.1053</b>	<b>3.4200e-003</b>		<b>134.1907</b>

**3.4 Grading - 2020**

**Unmitigated Construction On-Site**

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

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Winter

**3.4 Grading - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0801	0.0482	0.5119	1.5000e-003	0.1673	1.0400e-003	0.1684	0.0444	9.6000e-004	0.0454		149.0058	149.0058	3.8000e-003		149.1008
<b>Total</b>	<b>0.0801</b>	<b>0.0482</b>	<b>0.5119</b>	<b>1.5000e-003</b>	<b>0.1673</b>	<b>1.0400e-003</b>	<b>0.1684</b>	<b>0.0444</b>	<b>9.6000e-004</b>	<b>0.0454</b>		<b>149.0058</b>	<b>149.0058</b>	<b>3.8000e-003</b>		<b>149.1008</b>

**Mitigated Construction On-Site**

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



Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Winter

**3.4 Grading - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0801	0.0482	0.5119	1.5000e-003	0.1673	1.0400e-003	0.1684	0.0444	9.6000e-004	0.0454		149.0058	149.0058	3.8000e-003		149.1008
<b>Total</b>	<b>0.0801</b>	<b>0.0482</b>	<b>0.5119</b>	<b>1.5000e-003</b>	<b>0.1673</b>	<b>1.0400e-003</b>	<b>0.1684</b>	<b>0.0444</b>	<b>9.6000e-004</b>	<b>0.0454</b>		<b>149.0058</b>	<b>149.0058</b>	<b>3.8000e-003</b>		<b>149.1008</b>

**3.5 Building Construction - 2020**

**Unmitigated Construction On-Site**

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

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Winter

**3.5 Building Construction - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.9389	33.2748	7.2178	0.0745	1.7661	0.1659	1.9320	0.5087	0.1587	0.6674		7,848.100 2	7,848.100 2	0.7865		7,867.763 5
Worker	5.2971	3.1878	33.8382	0.0989	11.0608	0.0691	11.1299	2.9338	0.0636	2.9974		9,849.285 6	9,849.285 6	0.2510		9,855.560 6
<b>Total</b>	<b>6.2360</b>	<b>36.4626</b>	<b>41.0560</b>	<b>0.1733</b>	<b>12.8269</b>	<b>0.2350</b>	<b>13.0618</b>	<b>3.4425</b>	<b>0.2223</b>	<b>3.6648</b>		<b>17,697.38 58</b>	<b>17,697.38 58</b>	<b>1.0375</b>		<b>17,723.32 41</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503	0.0000	2,553.063 1	2,553.063 1	0.6229		2,568.634 5
<b>Total</b>	<b>2.1198</b>	<b>19.1860</b>	<b>16.8485</b>	<b>0.0269</b>		<b>1.1171</b>	<b>1.1171</b>		<b>1.0503</b>	<b>1.0503</b>	<b>0.0000</b>	<b>2,553.063 1</b>	<b>2,553.063 1</b>	<b>0.6229</b>		<b>2,568.634 5</b>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Winter

**3.5 Building Construction - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.9389	33.2748	7.2178	0.0745	1.7661	0.1659	1.9320	0.5087	0.1587	0.6674		7,848.100 2	7,848.100 2	0.7865		7,867.763 5
Worker	5.2971	3.1878	33.8382	0.0989	11.0608	0.0691	11.1299	2.9338	0.0636	2.9974		9,849.285 6	9,849.285 6	0.2510		9,855.560 6
<b>Total</b>	<b>6.2360</b>	<b>36.4626</b>	<b>41.0560</b>	<b>0.1733</b>	<b>12.8269</b>	<b>0.2350</b>	<b>13.0618</b>	<b>3.4425</b>	<b>0.2223</b>	<b>3.6648</b>		<b>17,697.38 58</b>	<b>17,697.38 58</b>	<b>1.0375</b>		<b>17,723.32 41</b>

**3.5 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>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Winter

**3.5 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	0.8036	30.1691	6.4506	0.0738	1.7660	0.0518	1.8178	0.5087	0.0495	0.5582		7,784.9883	7,784.9883	0.7456		7,803.6270
Worker	4.9387	2.8581	30.9371	0.0955	11.0608	0.0672	11.1280	2.9338	0.0619	2.9957		9,520.1333	9,520.1333	0.2256		9,525.7727
<b>Total</b>	<b>5.7423</b>	<b>33.0273</b>	<b>37.3878</b>	<b>0.1694</b>	<b>12.8268</b>	<b>0.1190</b>	<b>12.9458</b>	<b>3.4425</b>	<b>0.1114</b>	<b>3.5539</b>		<b>17,305.1217</b>	<b>17,305.1217</b>	<b>0.9711</b>		<b>17,329.3996</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>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Winter

**3.5 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	0.8036	30.1691	6.4506	0.0738	1.7660	0.0518	1.8178	0.5087	0.0495	0.5582		7,784.9883	7,784.9883	0.7456		7,803.6270
Worker	4.9387	2.8581	30.9371	0.0955	11.0608	0.0672	11.1280	2.9338	0.0619	2.9957		9,520.1333	9,520.1333	0.2256		9,525.7727
<b>Total</b>	<b>5.7423</b>	<b>33.0273</b>	<b>37.3878</b>	<b>0.1694</b>	<b>12.8268</b>	<b>0.1190</b>	<b>12.9458</b>	<b>3.4425</b>	<b>0.1114</b>	<b>3.5539</b>		<b>17,305.1217</b>	<b>17,305.1217</b>	<b>0.9711</b>		<b>17,329.3996</b>

**3.5 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>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Winter

**3.5 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	0.7501	28.5773	6.0181	0.0732	1.7659	0.0435	1.8094	0.5087	0.0416	0.5503		7,716.4500	7,716.4500	0.7060		7,734.1004
Worker	4.6262	2.5696	28.4675	0.0920	11.0608	0.0655	11.1263	2.9338	0.0603	2.9941		9,172.9486	9,172.9486	0.2027		9,178.0170
<b>Total</b>	<b>5.3763</b>	<b>31.1469</b>	<b>34.4856</b>	<b>0.1652</b>	<b>12.8267</b>	<b>0.1090</b>	<b>12.9357</b>	<b>3.4425</b>	<b>0.1019</b>	<b>3.5443</b>		<b>16,889.3986</b>	<b>16,889.3986</b>	<b>0.9088</b>		<b>16,912.1174</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>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Winter

**3.5 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	0.7501	28.5773	6.0181	0.0732	1.7659	0.0435	1.8094	0.5087	0.0416	0.5503		7,716.4500	7,716.4500	0.7060		7,734.1004
Worker	4.6262	2.5696	28.4675	0.0920	11.0608	0.0655	11.1263	2.9338	0.0603	2.9941		9,172.9486	9,172.9486	0.2027		9,178.0170
<b>Total</b>	<b>5.3763</b>	<b>31.1469</b>	<b>34.4856</b>	<b>0.1652</b>	<b>12.8267</b>	<b>0.1090</b>	<b>12.9357</b>	<b>3.4425</b>	<b>0.1019</b>	<b>3.5443</b>		<b>16,889.3986</b>	<b>16,889.3986</b>	<b>0.9088</b>		<b>16,912.1174</b>

**3.5 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>		<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Winter

**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.5736	21.9662	5.1465	0.0711	1.7659	0.0195	1.7853	0.5086	0.0186	0.5272		7,507.7105	7,507.7105	0.5342		7,521.0660
Worker	4.3447	2.3149	26.2137	0.0885	11.0608	0.0639	11.1247	2.9338	0.0589	2.9927		8,825.0161	8,825.0161	0.1821		8,829.5695
<b>Total</b>	<b>4.9183</b>	<b>24.2812</b>	<b>31.3602</b>	<b>0.1597</b>	<b>12.8266</b>	<b>0.0834</b>	<b>12.9101</b>	<b>3.4424</b>	<b>0.0775</b>	<b>3.5199</b>		<b>16,332.7266</b>	<b>16,332.7266</b>	<b>0.7164</b>		<b>16,350.6355</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	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>	<b>0.0000</b>	<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>



Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Winter

**3.5 Building Construction - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.5736	21.9662	5.1465	0.0711	1.7659	0.0195	1.7853	0.5086	0.0186	0.5272		7,507.7105	7,507.7105	0.5342		7,521.0660
Worker	4.3447	2.3149	26.2137	0.0885	11.0608	0.0639	11.1247	2.9338	0.0589	2.9927		8,825.0161	8,825.0161	0.1821		8,829.5695
<b>Total</b>	<b>4.9183</b>	<b>24.2812</b>	<b>31.3602</b>	<b>0.1597</b>	<b>12.8266</b>	<b>0.0834</b>	<b>12.9101</b>	<b>3.4424</b>	<b>0.0775</b>	<b>3.5199</b>		<b>16,332.7266</b>	<b>16,332.7266</b>	<b>0.7164</b>		<b>16,350.6355</b>

**3.5 Building Construction - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
<b>Total</b>	<b>1.4716</b>	<b>13.4438</b>	<b>16.1668</b>	<b>0.0270</b>		<b>0.6133</b>	<b>0.6133</b>		<b>0.5769</b>	<b>0.5769</b>		<b>2,555.6989</b>	<b>2,555.6989</b>	<b>0.6044</b>		<b>2,570.8077</b>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Winter

**3.5 Building Construction - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.5612	21.8537	4.9690	0.0708	1.7658	0.0193	1.7851	0.5086	0.0184	0.5270		7,476.3379	7,476.3379	0.5219		7,489.3863
Worker	4.1004	2.0971	24.4973	0.0853	11.0608	0.0633	11.1240	2.9338	0.0582	2.9920		8,508.6810	8,508.6810	0.1660		8,512.8315
<b>Total</b>	<b>4.6616</b>	<b>23.9508</b>	<b>29.4662</b>	<b>0.1561</b>	<b>12.8266</b>	<b>0.0826</b>	<b>12.9091</b>	<b>3.4424</b>	<b>0.0767</b>	<b>3.5191</b>		<b>15,985.0189</b>	<b>15,985.0189</b>	<b>0.6880</b>		<b>16,002.2178</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	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
<b>Total</b>	<b>1.4716</b>	<b>13.4438</b>	<b>16.1668</b>	<b>0.0270</b>		<b>0.6133</b>	<b>0.6133</b>		<b>0.5769</b>	<b>0.5769</b>	<b>0.0000</b>	<b>2,555.6989</b>	<b>2,555.6989</b>	<b>0.6044</b>		<b>2,570.8077</b>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Winter

**3.5 Building Construction - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.5612	21.8537	4.9690	0.0708	1.7658	0.0193	1.7851	0.5086	0.0184	0.5270		7,476.3379	7,476.3379	0.5219		7,489.3863
Worker	4.1004	2.0971	24.4973	0.0853	11.0608	0.0633	11.1240	2.9338	0.0582	2.9920		8,508.6810	8,508.6810	0.1660		8,512.8315
<b>Total</b>	<b>4.6616</b>	<b>23.9508</b>	<b>29.4662</b>	<b>0.1561</b>	<b>12.8266</b>	<b>0.0826</b>	<b>12.9091</b>	<b>3.4424</b>	<b>0.0767</b>	<b>3.5191</b>		<b>15,985.0189</b>	<b>15,985.0189</b>	<b>0.6880</b>		<b>16,002.2178</b>

**3.5 Building Construction - 2025**

**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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Winter

**3.5 Building Construction - 2025**

**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	0.5466	21.6375	4.8057	0.0703	1.7657	0.0190	1.7847	0.5086	0.0182	0.5267		7,426.2940	7,426.2940	0.5079		7,438.9912
Worker	3.8795	1.9078	22.6982	0.0819	11.0608	0.0621	11.1229	2.9338	0.0572	2.9910		8,168.3359	8,168.3359	0.1505		8,172.0990
<b>Total</b>	<b>4.4261</b>	<b>23.5453</b>	<b>27.5040</b>	<b>0.1522</b>	<b>12.8265</b>	<b>0.0811</b>	<b>12.9077</b>	<b>3.4424</b>	<b>0.0753</b>	<b>3.5177</b>		<b>15,594.6299</b>	<b>15,594.6299</b>	<b>0.6584</b>		<b>15,611.0902</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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Winter

**3.5 Building Construction - 2025**

**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	0.5466	21.6375	4.8057	0.0703	1.7657	0.0190	1.7847	0.5086	0.0182	0.5267		7,426.2940	7,426.2940	0.5079		7,438.9912
Worker	3.8795	1.9078	22.6982	0.0819	11.0608	0.0621	11.1229	2.9338	0.0572	2.9910		8,168.3359	8,168.3359	0.1505		8,172.0990
<b>Total</b>	<b>4.4261</b>	<b>23.5453</b>	<b>27.5040</b>	<b>0.1522</b>	<b>12.8265</b>	<b>0.0811</b>	<b>12.9077</b>	<b>3.4424</b>	<b>0.0753</b>	<b>3.5177</b>		<b>15,594.6299</b>	<b>15,594.6299</b>	<b>0.6584</b>		<b>15,611.0902</b>

**3.5 Building Construction - 2026**

**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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Winter

**3.5 Building Construction - 2026**

**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	0.5340	21.4234	4.6728	0.0699	1.7657	0.0187	1.7844	0.5086	0.0179	0.5264		7,379.171 2	7,379.171 2	0.4935		7,391.508 7
Worker	3.6866	1.7467	21.1404	0.0789	11.0608	0.0602	11.1210	2.9338	0.0554	2.9892		7,870.834 6	7,870.834 6	0.1372		7,874.263 6
<b>Total</b>	<b>4.2206</b>	<b>23.1701</b>	<b>25.8132</b>	<b>0.1488</b>	<b>12.8265</b>	<b>0.0789</b>	<b>12.9054</b>	<b>3.4424</b>	<b>0.0733</b>	<b>3.5156</b>		<b>15,250.00 58</b>	<b>15,250.00 58</b>	<b>0.6307</b>		<b>15,265.77 23</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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Winter

**3.5 Building Construction - 2026**

**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	0.5340	21.4234	4.6728	0.0699	1.7657	0.0187	1.7844	0.5086	0.0179	0.5264		7,379.171 2	7,379.171 2	0.4935		7,391.508 7
Worker	3.6866	1.7467	21.1404	0.0789	11.0608	0.0602	11.1210	2.9338	0.0554	2.9892		7,870.834 6	7,870.834 6	0.1372		7,874.263 6
<b>Total</b>	<b>4.2206</b>	<b>23.1701</b>	<b>25.8132</b>	<b>0.1488</b>	<b>12.8265</b>	<b>0.0789</b>	<b>12.9054</b>	<b>3.4424</b>	<b>0.0733</b>	<b>3.5156</b>		<b>15,250.00 58</b>	<b>15,250.00 58</b>	<b>0.6307</b>		<b>15,265.77 23</b>

**3.6 Paving - 2026**

**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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.9152</b>	<b>8.5816</b>	<b>14.5780</b>	<b>0.0228</b>		<b>0.4185</b>	<b>0.4185</b>		<b>0.3850</b>	<b>0.3850</b>		<b>2,206.745 2</b>	<b>2,206.745 2</b>	<b>0.7137</b>		<b>2,224.587 8</b>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Winter

**3.6 Paving - 2026**

**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	0.0418	0.0198	0.2399	9.0000e-004	0.1255	6.8000e-004	0.1262	0.0333	6.3000e-004	0.0339		89.3060	89.3060	1.5600e-003		89.3449
<b>Total</b>	<b>0.0418</b>	<b>0.0198</b>	<b>0.2399</b>	<b>9.0000e-004</b>	<b>0.1255</b>	<b>6.8000e-004</b>	<b>0.1262</b>	<b>0.0333</b>	<b>6.3000e-004</b>	<b>0.0339</b>		<b>89.3060</b>	<b>89.3060</b>	<b>1.5600e-003</b>		<b>89.3449</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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.9152</b>	<b>8.5816</b>	<b>14.5780</b>	<b>0.0228</b>		<b>0.4185</b>	<b>0.4185</b>		<b>0.3850</b>	<b>0.3850</b>	<b>0.0000</b>	<b>2,206.7452</b>	<b>2,206.7452</b>	<b>0.7137</b>		<b>2,224.5878</b>



Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Winter

**3.6 Paving - 2026**

**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	0.0418	0.0198	0.2399	9.0000e-004	0.1255	6.8000e-004	0.1262	0.0333	6.3000e-004	0.0339		89.3060	89.3060	1.5600e-003		89.3449
<b>Total</b>	<b>0.0418</b>	<b>0.0198</b>	<b>0.2399</b>	<b>9.0000e-004</b>	<b>0.1255</b>	<b>6.8000e-004</b>	<b>0.1262</b>	<b>0.0333</b>	<b>6.3000e-004</b>	<b>0.0339</b>		<b>89.3060</b>	<b>89.3060</b>	<b>1.5600e-003</b>		<b>89.3449</b>

**3.6 Paving - 2027**

**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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.9152</b>	<b>8.5816</b>	<b>14.5780</b>	<b>0.0228</b>		<b>0.4185</b>	<b>0.4185</b>		<b>0.3850</b>	<b>0.3850</b>		<b>2,206.7452</b>	<b>2,206.7452</b>	<b>0.7137</b>		<b>2,224.5878</b>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Winter

**3.6 Paving - 2027**

**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	0.0397	0.0182	0.2242	8.7000e-004	0.1255	6.5000e-004	0.1262	0.0333	6.0000e-004	0.0339		86.3450	86.3450	1.4200e-003		86.3805
<b>Total</b>	<b>0.0397</b>	<b>0.0182</b>	<b>0.2242</b>	<b>8.7000e-004</b>	<b>0.1255</b>	<b>6.5000e-004</b>	<b>0.1262</b>	<b>0.0333</b>	<b>6.0000e-004</b>	<b>0.0339</b>		<b>86.3450</b>	<b>86.3450</b>	<b>1.4200e-003</b>		<b>86.3805</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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.9152</b>	<b>8.5816</b>	<b>14.5780</b>	<b>0.0228</b>		<b>0.4185</b>	<b>0.4185</b>		<b>0.3850</b>	<b>0.3850</b>	<b>0.0000</b>	<b>2,206.7452</b>	<b>2,206.7452</b>	<b>0.7137</b>		<b>2,224.5878</b>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Winter

**3.6 Paving - 2027**

**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	0.0397	0.0182	0.2242	8.7000e-004	0.1255	6.5000e-004	0.1262	0.0333	6.0000e-004	0.0339		86.3450	86.3450	1.4200e-003		86.3805
<b>Total</b>	<b>0.0397</b>	<b>0.0182</b>	<b>0.2242</b>	<b>8.7000e-004</b>	<b>0.1255</b>	<b>6.5000e-004</b>	<b>0.1262</b>	<b>0.0333</b>	<b>6.0000e-004</b>	<b>0.0339</b>		<b>86.3450</b>	<b>86.3450</b>	<b>1.4200e-003</b>		<b>86.3805</b>

**3.7 Architectural Coating - 2027**

**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	606.3001					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
<b>Total</b>	<b>606.4710</b>	<b>1.1455</b>	<b>1.8091</b>	<b>2.9700e-003</b>		<b>0.0515</b>	<b>0.0515</b>		<b>0.0515</b>	<b>0.0515</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Winter

**3.7 Architectural Coating - 2027**

**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	0.6984	0.3202	3.9457	0.0152	2.2088	0.0114	2.2202	0.5859	0.0105	0.5964		1,519.6718	1,519.6718	0.0250		1,520.2972
<b>Total</b>	<b>0.6984</b>	<b>0.3202</b>	<b>3.9457</b>	<b>0.0152</b>	<b>2.2088</b>	<b>0.0114</b>	<b>2.2202</b>	<b>0.5859</b>	<b>0.0105</b>	<b>0.5964</b>		<b>1,519.6718</b>	<b>1,519.6718</b>	<b>0.0250</b>		<b>1,520.2972</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	606.3001					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
<b>Total</b>	<b>606.4710</b>	<b>1.1455</b>	<b>1.8091</b>	<b>2.9700e-003</b>		<b>0.0515</b>	<b>0.0515</b>		<b>0.0515</b>	<b>0.0515</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Winter

**3.7 Architectural Coating - 2027**

**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	0.6984	0.3202	3.9457	0.0152	2.2088	0.0114	2.2202	0.5859	0.0105	0.5964		1,519.6718	1,519.6718	0.0250		1,520.2972
<b>Total</b>	<b>0.6984</b>	<b>0.3202</b>	<b>3.9457</b>	<b>0.0152</b>	<b>2.2088</b>	<b>0.0114</b>	<b>2.2202</b>	<b>0.5859</b>	<b>0.0105</b>	<b>0.5964</b>		<b>1,519.6718</b>	<b>1,519.6718</b>	<b>0.0250</b>		<b>1,520.2972</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

Increase Density

Improve Destination Accessibility

Increase Transit Accessibility

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, 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	35.5822	382.9964	253.2417	1.4205	107.6902	0.5780	108.2682	28.7837	0.5377	29.3214		147,048.3584	147,048.3584	9.8065		147,293.5219
Unmitigated	38.8233	399.9437	331.5454	1.9800	173.9537	0.8133	174.7669	46.4947	0.7574	47.2521		204,433.2501	204,433.2501	11.1273		204,711.4327

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	4,863.36	5,712.66	5238.84	11,270,343	6,977,180
Condo/Townhouse	1,327.36	1,383.48	1180.96	2,940,350	1,820,295
General Office Building	4,870.00	1,230.00	525.00	7,958,819	4,927,100
Government (Civic Center)	809.68	0.00	0.00	1,294,620	801,466
Government Office Building	2,412.55	0.00	0.00	2,578,311	1,596,166
Hotel	2,926.00	2,866.50	2082.50	4,153,662	2,571,425
Junior College (2Yr)	3,037.50	1,684.50	181.50	3,984,090	2,466,448
Regional Shopping Center	1,132.80	1,499.10	757.20	1,498,543	927,709
Regional Shopping Center	12,606.18	16,682.48	8426.37	16,676,282	10,323,858
Single Family Housing	476.00	495.50	431.00	1,056,626	654,130
High Turnover (Sit Down Restaurant)	13,730.83	19,384.49	16137.22	11,912,681	7,374,835
<b>Total</b>	<b>48,192.26</b>	<b>50,938.71</b>	<b>34,960.59</b>	<b>65,324,326</b>	<b>40,440,614</b>

4.3 Trip Type Information

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Winter

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	11.00	3.50	4.50	40.20	19.20	40.60	86	11	3
Condo/Townhouse	11.00	3.50	4.50	40.20	19.20	40.60	86	11	3
General Office Building	12.50	4.20	5.40	33.00	48.00	19.00	77	19	4
Government (Civic Center)	12.50	4.20	5.40	75.00	20.00	5.00	50	34	16
Government Office Building	12.50	4.20	5.40	33.00	62.00	5.00	50	34	16
Hotel	12.50	4.20	5.40	19.40	61.60	19.00	58	38	4
Junior College (2Yr)	12.50	4.20	5.40	6.40	88.60	5.00	92	7	1
Regional Shopping Center	12.50	4.20	5.40	16.30	64.70	19.00	54	35	11
Regional Shopping Center	12.50	4.20	5.40	16.30	64.70	19.00	54	35	11
Single Family Housing	11.00	3.50	4.50	40.20	19.20	40.60	86	11	3
High Turnover (Sit Down Restaurant)	12.50	4.20	5.40	8.50	72.50	19.00	37	20	43

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Condo/Townhouse	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
General Office Building	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Government (Civic Center)	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Government Office Building	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Hotel	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Junior College (2Yr)	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Regional Shopping Center	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Single Family Housing	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
High Turnover (Sit Down Restaurant)	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539

5.0 Energy Detail

Historical Energy Use: N

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Winter

**5.1 Mitigation Measures Energy**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	2.0415	18.2322	13.1923	0.1114		1.4105	1.4105		1.4105	1.4105		22,270.9909	22,270.9909	0.4269	0.4083	22,403.3363
NaturalGas Unmitigated	2.0415	18.2322	13.1923	0.1114		1.4105	1.4105		1.4105	1.4105		22,270.9909	22,270.9909	0.4269	0.4083	22,403.3363



Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, 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					
Apartments Mid Rise	36235.4	0.3908	3.3393	1.4210	0.0213		0.2700	0.2700		0.2700	0.2700		4,262.9839	4,262.9839	0.0817	0.0782	4,288.3167
Condo/Townhouse	15150.4	0.1634	1.3962	0.5941	8.9100e-003		0.1129	0.1129		0.1129	0.1129		1,782.4017	1,782.4017	0.0342	0.0327	1,792.9936
General Office Building	4753.42	0.0513	0.4660	0.3915	2.8000e-003		0.0354	0.0354		0.0354	0.0354		559.2264	559.2264	0.0107	0.0103	562.5496
Government (Civic Center)	275.699	2.9700e-003	0.0270	0.0227	1.6000e-004		2.0500e-003	2.0500e-003		2.0500e-003	2.0500e-003		32.4351	32.4351	6.2000e-004	5.9000e-004	32.6279
Government Office Building	332.74	3.5900e-003	0.0326	0.0274	2.0000e-004		2.4800e-003	2.4800e-003		2.4800e-003	2.4800e-003		39.1459	39.1459	7.5000e-004	7.2000e-004	39.3785
High Turnover (Sit Down Restaurant)	91696	0.9889	8.9898	7.5514	0.0539		0.6832	0.6832		0.6832	0.6832		10,787.7699	10,787.7699	0.2068	0.1978	10,851.8762
Hotel	28771.9	0.3103	2.8208	2.3695	0.0169		0.2144	0.2144		0.2144	0.2144		3,384.9315	3,384.9315	0.0649	0.0621	3,405.0465
Junior College (2Yr)	5683.56	0.0613	0.5572	0.4681	3.3400e-003		0.0424	0.0424		0.0424	0.0424		668.6543	668.6543	0.0128	0.0123	672.6278
Regional Shopping Center	182.466	1.9700e-003	0.0179	0.0150	1.1000e-004		1.3600e-003	1.3600e-003		1.3600e-003	1.3600e-003		21.4666	21.4666	4.1000e-004	3.9000e-004	21.5941
Regional Shopping Center	2030.54	0.0219	0.1991	0.1672	1.1900e-003		0.0151	0.0151		0.0151	0.0151		238.8870	238.8870	4.5800e-003	4.3800e-003	240.3066
Single Family Housing	4191.25	0.0452	0.3863	0.1644	2.4700e-003		0.0312	0.0312		0.0312	0.0312		493.0886	493.0886	9.4500e-003	9.0400e-003	496.0188
<b>Total</b>		<b>2.0415</b>	<b>18.2322</b>	<b>13.1922</b>	<b>0.1114</b>		<b>1.4105</b>	<b>1.4105</b>		<b>1.4105</b>	<b>1.4105</b>		<b>22,270.9909</b>	<b>22,270.9909</b>	<b>0.4269</b>	<b>0.4083</b>	<b>22,403.3363</b>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, 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					
Apartments Mid Rise	36.2354	0.3908	3.3393	1.4210	0.0213		0.2700	0.2700		0.2700	0.2700		4,262.9839	4,262.9839	0.0817	0.0782	4,288.3167
Condo/Townhouse	15.1504	0.1634	1.3962	0.5941	8.9100e-003		0.1129	0.1129		0.1129	0.1129		1,782.4017	1,782.4017	0.0342	0.0327	1,792.9936
General Office Building	4.75342	0.0513	0.4660	0.3915	2.8000e-003		0.0354	0.0354		0.0354	0.0354		559.2264	559.2264	0.0107	0.0103	562.5496
Government (Civic Center)	0.275699	2.9700e-003	0.0270	0.0227	1.6000e-004		2.0500e-003	2.0500e-003		2.0500e-003	2.0500e-003		32.4351	32.4351	6.2000e-004	5.9000e-004	32.6279
Government Office Building	0.33274	3.5900e-003	0.0326	0.0274	2.0000e-004		2.4800e-003	2.4800e-003		2.4800e-003	2.4800e-003		39.1459	39.1459	7.5000e-004	7.2000e-004	39.3785
High Turnover (Sit Down Restaurant)	91.696	0.9889	8.9898	7.5514	0.0539		0.6832	0.6832		0.6832	0.6832		10,787.7699	10,787.7699	0.2068	0.1978	10,851.8762
Hotel	28.7719	0.3103	2.8208	2.3695	0.0169		0.2144	0.2144		0.2144	0.2144		3,384.9315	3,384.9315	0.0649	0.0621	3,405.0465
Junior College (2Yr)	5.68356	0.0613	0.5572	0.4681	3.3400e-003		0.0424	0.0424		0.0424	0.0424		668.6543	668.6543	0.0128	0.0123	672.6278
Regional Shopping Center	0.182466	1.9700e-003	0.0179	0.0150	1.1000e-004		1.3600e-003	1.3600e-003		1.3600e-003	1.3600e-003		21.4666	21.4666	4.1000e-004	3.9000e-004	21.5941
Regional Shopping Center	2.03054	0.0219	0.1991	0.1672	1.1900e-003		0.0151	0.0151		0.0151	0.0151		238.8870	238.8870	4.5800e-003	4.3800e-003	240.3066
Single Family Housing	4.19125	0.0452	0.3863	0.1644	2.4700e-003		0.0312	0.0312		0.0312	0.0312		493.0886	493.0886	9.4500e-003	9.0400e-003	496.0188
<b>Total</b>		<b>2.0415</b>	<b>18.2322</b>	<b>13.1922</b>	<b>0.1114</b>		<b>1.4105</b>	<b>1.4105</b>		<b>1.4105</b>	<b>1.4105</b>		<b>22,270.9909</b>	<b>22,270.9909</b>	<b>0.4269</b>	<b>0.4083</b>	<b>22,403.3363</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Winter

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	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	74.8736	20.2659	197.6352	0.4131		16.9361	16.9361		16.9361	16.9361	2,184.9788	22,712.8194	24,897.7982	10.5934	0.4174	25,287.0021
Unmitigated	74.8736	20.2659	197.6352	0.4131		16.9361	16.9361		16.9361	16.9361	2,184.9788	22,712.8194	24,897.7982	10.5934	0.4174	25,287.0021

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Winter

**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	3.6544					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	53.2486					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	15.0360	19.1377	99.8108	0.4079		16.3920	16.3920		16.3920	16.3920	2,184.9788	22,536.0000	24,720.9788	10.4245	0.4174	25,105.9609
Landscaping	2.9346	1.1282	97.8244	5.1900e-003		0.5441	0.5441		0.5441	0.5441		176.8194	176.8194	0.1689		181.0412
<b>Total</b>	<b>74.8736</b>	<b>20.2659</b>	<b>197.6352</b>	<b>0.4131</b>		<b>16.9361</b>	<b>16.9361</b>		<b>16.9361</b>	<b>16.9361</b>	<b>2,184.9788</b>	<b>22,712.8194</b>	<b>24,897.7982</b>	<b>10.5934</b>	<b>0.4174</b>	<b>25,287.0021</b>

Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, 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	3.6544					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	53.2486					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	15.0360	19.1377	99.8108	0.4079		16.3920	16.3920		16.3920	16.3920	2,184.9788	22,536.0000	24,720.9788	10.4245	0.4174	25,105.9609
Landscaping	2.9346	1.1282	97.8244	5.1900e-003		0.5441	0.5441		0.5441	0.5441		176.8194	176.8194	0.1689		181.0412
<b>Total</b>	<b>74.8736</b>	<b>20.2659</b>	<b>197.6352</b>	<b>0.4131</b>		<b>16.9361</b>	<b>16.9361</b>		<b>16.9361</b>	<b>16.9361</b>	<b>2,184.9788</b>	<b>22,712.8194</b>	<b>24,897.7982</b>	<b>10.5934</b>	<b>0.4174</b>	<b>25,287.0021</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

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

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Indio Downtown Specific Plan - Future Buildout - Riverside-Salton Sea County, Winter

**Fire Pumps and Emergency Generators**

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

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

Equipment Type	Number
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**11.0 Vegetation**

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Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Annual

**Indio Downtown Specific Plan Mitigated - Future Conditions  
Riverside-Salton Sea County, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Regional Shopping Center	30.00	1000sqft	0.69	30,000.00	0
Hotel	350.00	Room	11.67	175,000.00	0
General Office Building	500.00	1000sqft	11.48	500,000.00	0
Regional Shopping Center	333.85	1000sqft	7.66	333,850.00	0
High Turnover (Sit Down Restaurant)	122.40	1000sqft	2.81	122,400.00	0
Government Office Building	35.00	1000sqft	0.80	35,000.00	0
Government (Civic Center)	29.00	1000sqft	0.67	29,000.00	0
Junior College (2Yr)	150.00	1000sqft	3.44	150,000.00	0
Apartments Mid Rise	894.00	Dwelling Unit	23.53	739,200.00	2557
Condo/Townhouse	244.00	Dwelling Unit	15.25	313,800.00	698
Single Family Housing	50.00	Dwelling Unit	16.23	60,000.00	143

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.4	<b>Precipitation Freq (Days)</b>	28
<b>Climate Zone</b>	15			<b>Operational Year</b>	2035
<b>Utility Company</b>	Imperial Irrigation District				
<b>CO2 Intensity (lb/MWhr)</b>	1270.9	<b>CH4 Intensity (lb/MWhr)</b>	0.029	<b>N2O Intensity (lb/MWhr)</b>	0.006

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

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Annual

Project Characteristics - Proposed Buildout Conditions, with measures pursuant to MM AQ-2 incorporated.

Land Use - Government office building is City Hall/Library, Civic Center is Museum/IPAC, hotel and residential square footage adjusted based on average square footage. Approximately 50% of new retail would be restaurant.

Construction Phase - OPERATIONAL ANALYSIS ONLY - CONSTRUCTION INPUTS REMAIN AT DEFAULTS

Off-road Equipment - OPERATIONAL ANALYSIS ONLY - CONSTRUCTION INPUTS REMAIN AT DEFAULTS

Grading - OPERATIONAL ANALYSIS ONLY - CONSTRUCTION INPUTS REMAIN AT DEFAULTS

Demolition - OPERATIONAL ANALYSIS ONLY - CONSTRUCTION INPUTS REMAIN AT DEFAULTS

Trips and VMT - OPERATIONAL ANALYSIS ONLY - CONSTRUCTION INPUTS REMAIN AT DEFAULTS

On-road Fugitive Dust - OPERATIONAL ANALYSIS ONLY - CONSTRUCTION INPUTS REMAIN AT DEFAULTS

Architectural Coating - OPERATIONAL ANALYSIS ONLY - CONSTRUCTION INPUTS REMAIN AT DEFAULTS

Vehicle Trips - Weekday trip rate adjusted per project traffic analysis. Civic use and single family residential trips remain at default.

Woodstoves - New multi-family housing would not have woodstoves or wood fireplaces (per SCAQMD Rule 445). Wood fireplaces added to gas fire places for these land uses.

Area Coating - Low VOC paint pursuant to SCAQMD Rule 1113.

Energy Use - T24 Electricity reduced by 25%, Lighting reduced by 75%. No energy reductions applied to existing SF residences.

Water And Wastewater - 20% reduction applied to indoor water pursuant to part 1.1 CALGreen. No reduction applied to existing SF homes.

Solid Waste - Solid waste reduced by 25% pursuant to AB 341 and MM AQ-2. No reduction applied to existing SF homes.

Mobile Land Use Mitigation - Project would increase overall Plan Area density from approximately 0.63 DU/acre to approximately 10.15 DU/acre. Plan Area is Downtown Indio, adjacent to Indio Bus Station

Area Mitigation -

Energy Mitigation - Energy Efficiency improvements pursuant to Title 24 updates and MM AQ-2 applied to energy/electricity rates.

Water Mitigation - Water efficient irrigation applied pursuant to MM AQ-2, percent reduction remains at default. Indoor water reductions pursuant to CALGreen and MM AQ-2 applied to Operational Water tab.

Waste Mitigation - Solid waste reduction pursuant to AB 342 and MM AQ-2 applied to solid waste generation rates.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	50
tblAreaCoating	Area_EF_Nonresidential_Interior	250	50
tblAreaCoating	Area_EF_Residential_Exterior	250	50
tblAreaCoating	Area_EF_Residential_Interior	250	50



## Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Annual

tblEnergyUse	LightingElect	741.44	1,815.36
tblEnergyUse	LightingElect	1,001.10	250.28
tblEnergyUse	LightingElect	3.66	0.92
tblEnergyUse	LightingElect	3.66	0.92
tblEnergyUse	LightingElect	3.66	0.92
tblEnergyUse	LightingElect	6.62	1.66
tblEnergyUse	LightingElect	5.44	1.36
tblEnergyUse	LightingElect	3.99	1.00
tblEnergyUse	LightingElect	5.61	1.40
tblEnergyUse	T24E	772.17	579.13
tblEnergyUse	T24E	845.95	634.46
tblEnergyUse	T24E	3.07	2.30
tblEnergyUse	T24E	3.07	2.30
tblEnergyUse	T24E	3.07	2.30
tblEnergyUse	T24E	12.38	9.29
tblEnergyUse	T24E	6.47	4.85
tblEnergyUse	T24E	1.97	1.48
tblEnergyUse	T24E	4.58	3.44
tblFireplaces	NumberGas	715.20	804.60
tblFireplaces	NumberGas	195.20	219.60
tblFireplaces	NumberWood	89.40	0.00
tblFireplaces	NumberWood	24.40	0.00
tblLandUse	LandUseSquareFeet	508,200.00	175,000.00
tblLandUse	LandUseSquareFeet	894,000.00	739,200.00
tblLandUse	LandUseSquareFeet	244,000.00	313,800.00
tblLandUse	LandUseSquareFeet	90,000.00	60,000.00
tblSolidWaste	SolidWasteGenerationRate	411.24	308.43

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Annual

tblSolidWaste	SolidWasteGenerationRate	112.24	84.18
tblSolidWaste	SolidWasteGenerationRate	465.00	348.75
tblSolidWaste	SolidWasteGenerationRate	165.30	123.98
tblSolidWaste	SolidWasteGenerationRate	32.55	24.41
tblSolidWaste	SolidWasteGenerationRate	1,456.56	1,092.42
tblSolidWaste	SolidWasteGenerationRate	191.63	143.72
tblSolidWaste	SolidWasteGenerationRate	195.00	146.25
tblSolidWaste	SolidWasteGenerationRate	382.04	286.53
tblVehicleTrips	WD_TR	6.65	5.44
tblVehicleTrips	WD_TR	5.81	5.44
tblVehicleTrips	WD_TR	11.03	9.74
tblVehicleTrips	WD_TR	127.15	112.18
tblVehicleTrips	WD_TR	8.17	8.36
tblVehicleTrips	WD_TR	27.49	20.25
tblVehicleTrips	WD_TR	42.70	37.76
tblWater	IndoorWaterUseRate	58,247,698.91	46,598,159.13
tblWater	IndoorWaterUseRate	15,897,582.25	12,718,065.80
tblWater	IndoorWaterUseRate	88,866,874.00	71,093,499.20
tblWater	IndoorWaterUseRate	5,761,130.89	4,608,904.71
tblWater	IndoorWaterUseRate	6,953,089.01	5,562,471.21
tblWater	IndoorWaterUseRate	37,152,526.40	29,722,021.12
tblWater	IndoorWaterUseRate	8,878,369.50	7,102,695.60
tblWater	IndoorWaterUseRate	7,357,354.88	5,885,883.90
tblWater	IndoorWaterUseRate	26,951,286.94	21,561,029.55
tblWoodstoves	NumberCatalytic	44.70	0.00
tblWoodstoves	NumberCatalytic	12.20	0.00
tblWoodstoves	NumberNoncatalytic	44.70	0.00

## Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Annual

tblWoodstoves	NumberNoncatalytic	12.20	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

**2.0 Emissions Summary**

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Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Annual

**2.1 Overall Construction**

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2019	0.1963	1.9737	1.2157	2.1600e-003	0.0790	0.0994	0.1784	0.0415	0.0923	0.1338	0.0000	192.6830	192.6830	0.0527	0.0000	193.9993
2020	0.6768	6.5469	4.7138	0.0116	1.5055	0.2629	1.7684	0.6346	0.2426	0.8772	0.0000	1,039.9250	1,039.9250	0.2055	0.0000	1,045.0626
2021	0.9468	6.6643	7.1774	0.0262	1.6467	0.1405	1.7872	0.4426	0.1320	0.5746	0.0000	2,404.7066	2,404.7066	0.1835	0.0000	2,409.2936
2022	0.8728	6.1532	6.7328	0.0255	1.6404	0.1192	1.7596	0.4409	0.1121	0.5529	0.0000	2,345.4566	2,345.4566	0.1751	0.0000	2,349.8332
2023	0.7989	5.0788	6.3169	0.0248	1.6404	0.1018	1.7421	0.4409	0.0956	0.5365	0.0000	2,277.8163	2,277.8163	0.1532	0.0000	2,281.6469
2024	0.7600	4.9497	6.0984	0.0245	1.6530	0.0911	1.7441	0.4443	0.0856	0.5298	0.0000	2,252.9340	2,252.9340	0.1506	0.0000	2,256.6998
2025	0.7143	4.7494	5.7971	0.0239	1.6467	0.0794	1.7260	0.4426	0.0746	0.5171	0.0000	2,196.8548	2,196.8548	0.1462	0.0000	2,200.5096
2026	0.5375	3.7399	4.5930	0.0180	1.2093	0.0726	1.2819	0.3250	0.0679	0.3929	0.0000	1,649.9033	1,649.9033	0.1273	0.0000	1,653.0866
2027	33.4103	0.2532	0.6245	1.5000e-003	0.1219	0.0118	0.1338	0.0324	0.0111	0.0435	0.0000	133.4659	133.4659	0.0150	0.0000	133.8416
<b>Maximum</b>	<b>33.4103</b>	<b>6.6643</b>	<b>7.1774</b>	<b>0.0262</b>	<b>1.6530</b>	<b>0.2629</b>	<b>1.7872</b>	<b>0.6346</b>	<b>0.2426</b>	<b>0.8772</b>	<b>0.0000</b>	<b>2,404.7066</b>	<b>2,404.7066</b>	<b>0.2055</b>	<b>0.0000</b>	<b>2,409.2936</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Annual

**2.1 Overall Construction**

**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2019	0.1963	1.9737	1.2157	2.1600e-003	0.0790	0.0994	0.1784	0.0415	0.0923	0.1338	0.0000	192.6828	192.6828	0.0527	0.0000	193.9991
2020	0.6768	6.5469	4.7138	0.0116	1.5055	0.2629	1.7684	0.6346	0.2426	0.8772	0.0000	1,039.9244	1,039.9244	0.2055	0.0000	1,045.0619
2021	0.9468	6.6643	7.1774	0.0262	1.6467	0.1405	1.7872	0.4426	0.1320	0.5746	0.0000	2,404.7062	2,404.7062	0.1835	0.0000	2,409.2932
2022	0.8728	6.1532	6.7328	0.0255	1.6404	0.1192	1.7596	0.4409	0.1121	0.5529	0.0000	2,345.4563	2,345.4563	0.1751	0.0000	2,349.8328
2023	0.7989	5.0788	6.3169	0.0248	1.6404	0.1018	1.7421	0.4409	0.0956	0.5365	0.0000	2,277.8160	2,277.8160	0.1532	0.0000	2,281.6466
2024	0.7600	4.9497	6.0984	0.0245	1.6530	0.0911	1.7441	0.4443	0.0856	0.5298	0.0000	2,252.9336	2,252.9336	0.1506	0.0000	2,256.6994
2025	0.7143	4.7494	5.7971	0.0239	1.6467	0.0794	1.7260	0.4426	0.0746	0.5171	0.0000	2,196.8545	2,196.8545	0.1462	0.0000	2,200.5092
2026	0.5375	3.7399	4.5930	0.0180	1.2093	0.0726	1.2819	0.3250	0.0679	0.3929	0.0000	1,649.9030	1,649.9030	0.1273	0.0000	1,653.0863
2027	33.4103	0.2532	0.6245	1.5000e-003	0.1219	0.0118	0.1338	0.0324	0.0111	0.0435	0.0000	133.4659	133.4659	0.0150	0.0000	133.8416
<b>Maximum</b>	<b>33.4103</b>	<b>6.6643</b>	<b>7.1774</b>	<b>0.0262</b>	<b>1.6530</b>	<b>0.2629</b>	<b>1.7872</b>	<b>0.6346</b>	<b>0.2426</b>	<b>0.8772</b>	<b>0.0000</b>	<b>2,404.7062</b>	<b>2,404.7062</b>	<b>0.2055</b>	<b>0.0000</b>	<b>2,409.2932</b>

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

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	8-2-2019	11-1-2019	1.2947	1.2947

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2	11-2-2019	2-1-2020	1.4226	1.4226
3	2-2-2020	5-1-2020	1.6440	1.6440
4	5-2-2020	8-1-2020	1.7999	1.7999
5	8-2-2020	11-1-2020	1.8559	1.8559
6	11-2-2020	2-1-2021	2.0356	2.0356
7	2-2-2021	5-1-2021	1.8519	1.8519
8	5-2-2021	8-1-2021	1.9242	1.9242
9	8-2-2021	11-1-2021	1.9190	1.9190
10	11-2-2021	2-1-2022	1.8604	1.8604
11	2-2-2022	5-1-2022	1.7166	1.7166
12	5-2-2022	8-1-2022	1.7843	1.7843
13	8-2-2022	11-1-2022	1.7791	1.7791
14	11-2-2022	2-1-2023	1.6699	1.6699
15	2-2-2023	5-1-2023	1.4399	1.4399
16	5-2-2023	8-1-2023	1.4974	1.4974
17	8-2-2023	11-1-2023	1.4926	1.4926
18	11-2-2023	2-1-2024	1.4651	1.4651
19	2-2-2024	5-1-2024	1.4035	1.4035
20	5-2-2024	8-1-2024	1.4432	1.4432
21	8-2-2024	11-1-2024	1.4387	1.4387
22	11-2-2024	2-1-2025	1.4106	1.4106
23	2-2-2025	5-1-2025	1.3332	1.3332
24	5-2-2025	8-1-2025	1.3864	1.3864
25	8-2-2025	11-1-2025	1.3820	1.3820
26	11-2-2025	2-1-2026	1.3671	1.3671
27	2-2-2026	5-1-2026	1.3146	1.3146
28	5-2-2026	8-1-2026	1.3670	1.3670

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Annual

29	8-2-2026	11-1-2026	0.9321	0.9321
30	11-2-2026	2-1-2027	0.3140	0.3140
31	2-2-2027	5-1-2027	14.2110	14.2110
32	5-2-2027	8-1-2027	19.3462	19.3462
		Highest	19.3462	19.3462

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	10.8815	0.8293	9.4099	5.8200e-003		0.1523	0.1523		0.1523	0.1523	5.1105	852.6536	857.7641	0.0455	0.0155	863.5274
Energy	0.3726	3.3274	2.4076	0.0203		0.2574	0.2574		0.2574	0.2574	0.0000	15,302.9845	15,302.9845	0.3357	0.1224	15,347.8641
Mobile	5.5999	58.4472	48.2982	0.2960	24.8977	0.1172	25.0149	6.6638	0.1091	6.7729	0.0000	27,725.9430	27,725.9430	1.3918	0.0000	27,760.7389
Waste						0.0000	0.0000		0.0000	0.0000	531.2883	0.0000	531.2883	31.3982	0.0000	1,316.2441
Water						0.0000	0.0000		0.0000	0.0000	66.0238	2,474.3993	2,540.4232	6.8377	0.1718	2,762.5639
<b>Total</b>	<b>16.8540</b>	<b>62.6039</b>	<b>60.1156</b>	<b>0.3221</b>	<b>24.8977</b>	<b>0.5269</b>	<b>25.4246</b>	<b>6.6638</b>	<b>0.5188</b>	<b>7.1826</b>	<b>602.4226</b>	<b>46,355.9805</b>	<b>46,958.4030</b>	<b>40.0091</b>	<b>0.3098</b>	<b>48,050.9384</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	10.8815	0.8293	9.4099	5.8200e-003		0.1523	0.1523		0.1523	0.1523	5.1105	852.6536	857.7641	0.0455	0.0155	863.5274
Energy	0.3726	3.3274	2.4076	0.0203		0.2574	0.2574		0.2574	0.2574	0.0000	15,302.9845	15,302.9845	0.3357	0.1224	15,347.8641
Mobile	5.1231	55.9500	36.3003	0.2133	15.4136	0.0830	15.4966	4.1254	0.0772	4.2026	0.0000	20,041.8790	20,041.8790	1.2160	0.0000	20,072.2787
Waste						0.0000	0.0000		0.0000	0.0000	531.2883	0.0000	531.2883	31.3982	0.0000	1,316.2441
Water						0.0000	0.0000		0.0000	0.0000	66.0238	2,418.7505	2,484.7743	6.8365	0.1715	2,706.8050
<b>Total</b>	<b>16.3771</b>	<b>60.1066</b>	<b>48.1177</b>	<b>0.2395</b>	<b>15.4136</b>	<b>0.4927</b>	<b>15.9063</b>	<b>4.1254</b>	<b>0.4869</b>	<b>4.6123</b>	<b>602.4226</b>	<b>38,616.2676</b>	<b>39,218.6902</b>	<b>39.8319</b>	<b>0.3095</b>	<b>40,306.7193</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
<b>Percent Reduction</b>	<b>2.83</b>	<b>3.99</b>	<b>19.96</b>	<b>25.65</b>	<b>38.09</b>	<b>6.49</b>	<b>37.44</b>	<b>38.09</b>	<b>6.15</b>	<b>35.79</b>	<b>0.00</b>	<b>16.70</b>	<b>16.48</b>	<b>0.44</b>	<b>0.08</b>	<b>16.12</b>

**3.0 Construction Detail**

**Construction Phase**



Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	8/2/2019	12/19/2019	5	100	
2	Site Preparation	Site Preparation	12/20/2019	3/12/2020	5	60	
3	Grading	Grading	3/13/2020	10/15/2020	5	155	
4	Building Construction	Building Construction	10/16/2020	9/24/2026	5	1550	
5	Paving	Paving	9/25/2026	2/25/2027	5	110	
6	Architectural Coating	Architectural Coating	2/26/2027	7/29/2027	5	110	

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

**Acres of Grading (Grading Phase): 387.5**

**Acres of Paving: 0**

**Residential Indoor: 2,253,825; Residential Outdoor: 751,275; Non-Residential Indoor: 2,062,875; Non-Residential Outdoor: 687,625; Striped Parking Area: 0 (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	1	6.00	78	0.48
Demolition	Excavators	3	8.00	158	0.38
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
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
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
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

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Annual

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
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	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	1,322.00	352.00	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	1	264.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

**3.2 Demolition - 2019**

**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	0.1757	1.7892	1.1030	1.9400e-003		0.0898	0.0898		0.0835	0.0835	0.0000	173.1316	173.1316	0.0482	0.0000	174.3357
<b>Total</b>	<b>0.1757</b>	<b>1.7892</b>	<b>1.1030</b>	<b>1.9400e-003</b>		<b>0.0898</b>	<b>0.0898</b>		<b>0.0835</b>	<b>0.0835</b>	<b>0.0000</b>	<b>173.1316</b>	<b>173.1316</b>	<b>0.0482</b>	<b>0.0000</b>	<b>174.3357</b>

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**3.2 Demolition - 2019**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0200e-003	2.1000e-003	0.0223	6.0000e-005	6.1700e-003	4.0000e-005	6.2100e-003	1.6400e-003	4.0000e-005	1.6800e-003	0.0000	5.3685	5.3685	1.5000e-004	0.0000	5.3723
<b>Total</b>	<b>3.0200e-003</b>	<b>2.1000e-003</b>	<b>0.0223</b>	<b>6.0000e-005</b>	<b>6.1700e-003</b>	<b>4.0000e-005</b>	<b>6.2100e-003</b>	<b>1.6400e-003</b>	<b>4.0000e-005</b>	<b>1.6800e-003</b>	<b>0.0000</b>	<b>5.3685</b>	<b>5.3685</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>5.3723</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	0.1757	1.7892	1.1030	1.9400e-003		0.0898	0.0898		0.0835	0.0835	0.0000	173.1314	173.1314	0.0482	0.0000	174.3355
<b>Total</b>	<b>0.1757</b>	<b>1.7892</b>	<b>1.1030</b>	<b>1.9400e-003</b>		<b>0.0898</b>	<b>0.0898</b>		<b>0.0835</b>	<b>0.0835</b>	<b>0.0000</b>	<b>173.1314</b>	<b>173.1314</b>	<b>0.0482</b>	<b>0.0000</b>	<b>174.3355</b>

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**3.2 Demolition - 2019**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0200e-003	2.1000e-003	0.0223	6.0000e-005	6.1700e-003	4.0000e-005	6.2100e-003	1.6400e-003	4.0000e-005	1.6800e-003	0.0000	5.3685	5.3685	1.5000e-004	0.0000	5.3723
<b>Total</b>	<b>3.0200e-003</b>	<b>2.1000e-003</b>	<b>0.0223</b>	<b>6.0000e-005</b>	<b>6.1700e-003</b>	<b>4.0000e-005</b>	<b>6.2100e-003</b>	<b>1.6400e-003</b>	<b>4.0000e-005</b>	<b>1.6800e-003</b>	<b>0.0000</b>	<b>5.3685</b>	<b>5.3685</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>5.3723</b>

**3.3 Site Preparation - 2019**

**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					0.0723	0.0000	0.0723	0.0397	0.0000	0.0397	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0173	0.1823	0.0883	1.5000e-004		9.5600e-003	9.5600e-003		8.8000e-003	8.8000e-003	0.0000	13.6675	13.6675	4.3200e-003	0.0000	13.7756
<b>Total</b>	<b>0.0173</b>	<b>0.1823</b>	<b>0.0883</b>	<b>1.5000e-004</b>	<b>0.0723</b>	<b>9.5600e-003</b>	<b>0.0818</b>	<b>0.0397</b>	<b>8.8000e-003</b>	<b>0.0485</b>	<b>0.0000</b>	<b>13.6675</b>	<b>13.6675</b>	<b>4.3200e-003</b>	<b>0.0000</b>	<b>13.7756</b>

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**3.3 Site Preparation - 2019**

**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	2.9000e-004	2.0000e-004	2.1400e-003	1.0000e-005	5.9000e-004	0.0000	6.0000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.5154	0.5154	1.0000e-005	0.0000	0.5157
<b>Total</b>	<b>2.9000e-004</b>	<b>2.0000e-004</b>	<b>2.1400e-003</b>	<b>1.0000e-005</b>	<b>5.9000e-004</b>	<b>0.0000</b>	<b>6.0000e-004</b>	<b>1.6000e-004</b>	<b>0.0000</b>	<b>1.6000e-004</b>	<b>0.0000</b>	<b>0.5154</b>	<b>0.5154</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.5157</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					0.0723	0.0000	0.0723	0.0397	0.0000	0.0397	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0173	0.1823	0.0883	1.5000e-004		9.5600e-003	9.5600e-003		8.8000e-003	8.8000e-003	0.0000	13.6675	13.6675	4.3200e-003	0.0000	13.7756
<b>Total</b>	<b>0.0173</b>	<b>0.1823</b>	<b>0.0883</b>	<b>1.5000e-004</b>	<b>0.0723</b>	<b>9.5600e-003</b>	<b>0.0818</b>	<b>0.0397</b>	<b>8.8000e-003</b>	<b>0.0485</b>	<b>0.0000</b>	<b>13.6675</b>	<b>13.6675</b>	<b>4.3200e-003</b>	<b>0.0000</b>	<b>13.7756</b>

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**3.3 Site Preparation - 2019**

**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	2.9000e-004	2.0000e-004	2.1400e-003	1.0000e-005	5.9000e-004	0.0000	6.0000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.5154	0.5154	1.0000e-005	0.0000	0.5157
<b>Total</b>	<b>2.9000e-004</b>	<b>2.0000e-004</b>	<b>2.1400e-003</b>	<b>1.0000e-005</b>	<b>5.9000e-004</b>	<b>0.0000</b>	<b>6.0000e-004</b>	<b>1.6000e-004</b>	<b>0.0000</b>	<b>1.6000e-004</b>	<b>0.0000</b>	<b>0.5154</b>	<b>0.5154</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.5157</b>

**3.3 Site Preparation - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.4697	0.0000	0.4697	0.2582	0.0000	0.2582	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1060	1.1029	0.5594	9.9000e-004		0.0571	0.0571		0.0526	0.0526	0.0000	86.9198	86.9198	0.0281	0.0000	87.6226
<b>Total</b>	<b>0.1060</b>	<b>1.1029</b>	<b>0.5594</b>	<b>9.9000e-004</b>	<b>0.4697</b>	<b>0.0571</b>	<b>0.5269</b>	<b>0.2582</b>	<b>0.0526</b>	<b>0.3108</b>	<b>0.0000</b>	<b>86.9198</b>	<b>86.9198</b>	<b>0.0281</b>	<b>0.0000</b>	<b>87.6226</b>

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**3.3 Site Preparation - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.7400e-003	1.1700e-003	0.0126	4.0000e-005	3.8500e-003	2.0000e-005	3.8700e-003	1.0200e-003	2.0000e-005	1.0500e-003	0.0000	3.2441	3.2441	8.0000e-005	0.0000	3.2462
<b>Total</b>	<b>1.7400e-003</b>	<b>1.1700e-003</b>	<b>0.0126</b>	<b>4.0000e-005</b>	<b>3.8500e-003</b>	<b>2.0000e-005</b>	<b>3.8700e-003</b>	<b>1.0200e-003</b>	<b>2.0000e-005</b>	<b>1.0500e-003</b>	<b>0.0000</b>	<b>3.2441</b>	<b>3.2441</b>	<b>8.0000e-005</b>	<b>0.0000</b>	<b>3.2462</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					0.4697	0.0000	0.4697	0.2582	0.0000	0.2582	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1060	1.1029	0.5594	9.9000e-004		0.0571	0.0571		0.0526	0.0526	0.0000	86.9197	86.9197	0.0281	0.0000	87.6225
<b>Total</b>	<b>0.1060</b>	<b>1.1029</b>	<b>0.5594</b>	<b>9.9000e-004</b>	<b>0.4697</b>	<b>0.0571</b>	<b>0.5269</b>	<b>0.2582</b>	<b>0.0526</b>	<b>0.3108</b>	<b>0.0000</b>	<b>86.9197</b>	<b>86.9197</b>	<b>0.0281</b>	<b>0.0000</b>	<b>87.6225</b>



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**3.3 Site Preparation - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.7400e-003	1.1700e-003	0.0126	4.0000e-005	3.8500e-003	2.0000e-005	3.8700e-003	1.0200e-003	2.0000e-005	1.0500e-003	0.0000	3.2441	3.2441	8.0000e-005	0.0000	3.2462
<b>Total</b>	<b>1.7400e-003</b>	<b>1.1700e-003</b>	<b>0.0126</b>	<b>4.0000e-005</b>	<b>3.8500e-003</b>	<b>2.0000e-005</b>	<b>3.8700e-003</b>	<b>1.0200e-003</b>	<b>2.0000e-005</b>	<b>1.0500e-003</b>	<b>0.0000</b>	<b>3.2441</b>	<b>3.2441</b>	<b>8.0000e-005</b>	<b>0.0000</b>	<b>3.2462</b>

**3.4 Grading - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.6722	0.0000	0.6722	0.2787	0.0000	0.2787	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3449	3.8903	2.4768	4.8100e-003		0.1685	0.1685		0.1550	0.1550	0.0000	422.2533	422.2533	0.1366	0.0000	425.6674
<b>Total</b>	<b>0.3449</b>	<b>3.8903</b>	<b>2.4768</b>	<b>4.8100e-003</b>	<b>0.6722</b>	<b>0.1685</b>	<b>0.8407</b>	<b>0.2787</b>	<b>0.1550</b>	<b>0.4337</b>	<b>0.0000</b>	<b>422.2533</b>	<b>422.2533</b>	<b>0.1366</b>	<b>0.0000</b>	<b>425.6674</b>

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**3.4 Grading - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.7700e-003	3.8600e-003	0.0417	1.2000e-004	0.0128	8.0000e-005	0.0128	3.3900e-003	7.0000e-005	3.4600e-003	0.0000	10.7444	10.7444	2.8000e-004	0.0000	10.7513
<b>Total</b>	<b>5.7700e-003</b>	<b>3.8600e-003</b>	<b>0.0417</b>	<b>1.2000e-004</b>	<b>0.0128</b>	<b>8.0000e-005</b>	<b>0.0128</b>	<b>3.3900e-003</b>	<b>7.0000e-005</b>	<b>3.4600e-003</b>	<b>0.0000</b>	<b>10.7444</b>	<b>10.7444</b>	<b>2.8000e-004</b>	<b>0.0000</b>	<b>10.7513</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					0.6722	0.0000	0.6722	0.2787	0.0000	0.2787	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3449	3.8903	2.4768	4.8100e-003		0.1685	0.1685		0.1550	0.1550	0.0000	422.2528	422.2528	0.1366	0.0000	425.6669
<b>Total</b>	<b>0.3449</b>	<b>3.8903</b>	<b>2.4768</b>	<b>4.8100e-003</b>	<b>0.6722</b>	<b>0.1685</b>	<b>0.8407</b>	<b>0.2787</b>	<b>0.1550</b>	<b>0.4337</b>	<b>0.0000</b>	<b>422.2528</b>	<b>422.2528</b>	<b>0.1366</b>	<b>0.0000</b>	<b>425.6669</b>

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**3.4 Grading - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.7700e-003	3.8600e-003	0.0417	1.2000e-004	0.0128	8.0000e-005	0.0128	3.3900e-003	7.0000e-005	3.4600e-003	0.0000	10.7444	10.7444	2.8000e-004	0.0000	10.7513
<b>Total</b>	<b>5.7700e-003</b>	<b>3.8600e-003</b>	<b>0.0417</b>	<b>1.2000e-004</b>	<b>0.0128</b>	<b>8.0000e-005</b>	<b>0.0128</b>	<b>3.3900e-003</b>	<b>7.0000e-005</b>	<b>3.4600e-003</b>	<b>0.0000</b>	<b>10.7444</b>	<b>10.7444</b>	<b>2.8000e-004</b>	<b>0.0000</b>	<b>10.7513</b>

**3.5 Building Construction - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0583	0.5276	0.4633	7.4000e-004		0.0307	0.0307		0.0289	0.0289	0.0000	63.6928	63.6928	0.0155	0.0000	64.0812
<b>Total</b>	<b>0.0583</b>	<b>0.5276</b>	<b>0.4633</b>	<b>7.4000e-004</b>		<b>0.0307</b>	<b>0.0307</b>		<b>0.0289</b>	<b>0.0289</b>	<b>0.0000</b>	<b>63.6928</b>	<b>63.6928</b>	<b>0.0155</b>	<b>0.0000</b>	<b>64.0812</b>

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**3.5 Building Construction - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0249	0.9306	0.1821	2.1000e-003	0.0479	4.5200e-003	0.0524	0.0138	4.3300e-003	0.0182	0.0000	201.0618	201.0618	0.0185	0.0000	201.5234
Worker	0.1353	0.0906	0.9780	2.7900e-003	0.2991	1.9000e-003	0.3010	0.0794	1.7500e-003	0.0812	0.0000	252.0089	252.0089	6.4600e-003	0.0000	252.1705
<b>Total</b>	<b>0.1602</b>	<b>1.0211</b>	<b>1.1601</b>	<b>4.8900e-003</b>	<b>0.3470</b>	<b>6.4200e-003</b>	<b>0.3534</b>	<b>0.0933</b>	<b>6.0800e-003</b>	<b>0.0993</b>	<b>0.0000</b>	<b>453.0707</b>	<b>453.0707</b>	<b>0.0249</b>	<b>0.0000</b>	<b>453.6939</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	0.0583	0.5276	0.4633	7.4000e-004		0.0307	0.0307		0.0289	0.0289	0.0000	63.6927	63.6927	0.0155	0.0000	64.0811
<b>Total</b>	<b>0.0583</b>	<b>0.5276</b>	<b>0.4633</b>	<b>7.4000e-004</b>		<b>0.0307</b>	<b>0.0307</b>		<b>0.0289</b>	<b>0.0289</b>	<b>0.0000</b>	<b>63.6927</b>	<b>63.6927</b>	<b>0.0155</b>	<b>0.0000</b>	<b>64.0811</b>

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**3.5 Building Construction - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0249	0.9306	0.1821	2.1000e-003	0.0479	4.5200e-003	0.0524	0.0138	4.3300e-003	0.0182	0.0000	201.0618	201.0618	0.0185	0.0000	201.5234
Worker	0.1353	0.0906	0.9780	2.7900e-003	0.2991	1.9000e-003	0.3010	0.0794	1.7500e-003	0.0812	0.0000	252.0089	252.0089	6.4600e-003	0.0000	252.1705
<b>Total</b>	<b>0.1602</b>	<b>1.0211</b>	<b>1.1601</b>	<b>4.8900e-003</b>	<b>0.3470</b>	<b>6.4200e-003</b>	<b>0.3534</b>	<b>0.0933</b>	<b>6.0800e-003</b>	<b>0.0993</b>	<b>0.0000</b>	<b>453.0707</b>	<b>453.0707</b>	<b>0.0249</b>	<b>0.0000</b>	<b>453.6939</b>

**3.5 Building Construction - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2481	2.2749	2.1631	3.5100e-003		0.1251	0.1251		0.1176	0.1176	0.0000	302.2867	302.2867	0.0729	0.0000	304.1099
<b>Total</b>	<b>0.2481</b>	<b>2.2749</b>	<b>2.1631</b>	<b>3.5100e-003</b>		<b>0.1251</b>	<b>0.1251</b>		<b>0.1176</b>	<b>0.1176</b>	<b>0.0000</b>	<b>302.2867</b>	<b>302.2867</b>	<b>0.0729</b>	<b>0.0000</b>	<b>304.1099</b>

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**3.5 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	0.1007	4.0040	0.7685	9.8900e-003	0.2273	6.6100e-003	0.2339	0.0656	6.3200e-003	0.0719	0.0000	946.4879	946.4879	0.0830	0.0000	948.5625
Worker	0.5980	0.3854	4.2458	0.0128	1.4194	8.7700e-003	1.4282	0.3770	8.0800e-003	0.3850	0.0000	1,155.9321	1,155.9321	0.0276	0.0000	1,156.6212
<b>Total</b>	<b>0.6987</b>	<b>4.3895</b>	<b>5.0143</b>	<b>0.0227</b>	<b>1.6467</b>	<b>0.0154</b>	<b>1.6621</b>	<b>0.4426</b>	<b>0.0144</b>	<b>0.4570</b>	<b>0.0000</b>	<b>2,102.4200</b>	<b>2,102.4200</b>	<b>0.1106</b>	<b>0.0000</b>	<b>2,105.1837</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	0.2481	2.2749	2.1631	3.5100e-003		0.1251	0.1251		0.1176	0.1176	0.0000	302.2863	302.2863	0.0729	0.0000	304.1095
<b>Total</b>	<b>0.2481</b>	<b>2.2749</b>	<b>2.1631</b>	<b>3.5100e-003</b>		<b>0.1251</b>	<b>0.1251</b>		<b>0.1176</b>	<b>0.1176</b>	<b>0.0000</b>	<b>302.2863</b>	<b>302.2863</b>	<b>0.0729</b>	<b>0.0000</b>	<b>304.1095</b>

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**3.5 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	0.1007	4.0040	0.7685	9.8900e-003	0.2273	6.6100e-003	0.2339	0.0656	6.3200e-003	0.0719	0.0000	946.4879	946.4879	0.0830	0.0000	948.5625
Worker	0.5980	0.3854	4.2458	0.0128	1.4194	8.7700e-003	1.4282	0.3770	8.0800e-003	0.3850	0.0000	1,155.9321	1,155.9321	0.0276	0.0000	1,156.6212
<b>Total</b>	<b>0.6987</b>	<b>4.3895</b>	<b>5.0143</b>	<b>0.0227</b>	<b>1.6467</b>	<b>0.0154</b>	<b>1.6621</b>	<b>0.4426</b>	<b>0.0144</b>	<b>0.4570</b>	<b>0.0000</b>	<b>2,102.4200</b>	<b>2,102.4200</b>	<b>0.1106</b>	<b>0.0000</b>	<b>2,105.1837</b>

**3.5 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	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2428	301.2428	0.0722	0.0000	303.0471
<b>Total</b>	<b>0.2218</b>	<b>2.0300</b>	<b>2.1272</b>	<b>3.5000e-003</b>		<b>0.1052</b>	<b>0.1052</b>		<b>0.0990</b>	<b>0.0990</b>	<b>0.0000</b>	<b>301.2428</b>	<b>301.2428</b>	<b>0.0722</b>	<b>0.0000</b>	<b>303.0471</b>

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**3.5 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	0.0935	3.7779	0.7125	9.7700e-003	0.2264	5.5300e-003	0.2320	0.0654	5.2900e-003	0.0706	0.0000	934.7068	934.7068	0.0782	0.0000	936.6624
Worker	0.5574	0.3452	3.8931	0.0123	1.4139	8.5100e-003	1.4225	0.3755	7.8400e-003	0.3834	0.0000	1,109.5070	1,109.5070	0.0247	0.0000	1,110.1237
<b>Total</b>	<b>0.6509</b>	<b>4.1231</b>	<b>4.6055</b>	<b>0.0220</b>	<b>1.6404</b>	<b>0.0140</b>	<b>1.6544</b>	<b>0.4409</b>	<b>0.0131</b>	<b>0.4540</b>	<b>0.0000</b>	<b>2,044.2138</b>	<b>2,044.2138</b>	<b>0.1029</b>	<b>0.0000</b>	<b>2,046.7861</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	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2425	301.2425	0.0722	0.0000	303.0467
<b>Total</b>	<b>0.2218</b>	<b>2.0300</b>	<b>2.1272</b>	<b>3.5000e-003</b>		<b>0.1052</b>	<b>0.1052</b>		<b>0.0990</b>	<b>0.0990</b>	<b>0.0000</b>	<b>301.2425</b>	<b>301.2425</b>	<b>0.0722</b>	<b>0.0000</b>	<b>303.0467</b>



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**3.5 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	0.0935	3.7779	0.7125	9.7700e-003	0.2264	5.5300e-003	0.2320	0.0654	5.2900e-003	0.0706	0.0000	934.7068	934.7068	0.0782	0.0000	936.6624
Worker	0.5574	0.3452	3.8931	0.0123	1.4139	8.5100e-003	1.4225	0.3755	7.8400e-003	0.3834	0.0000	1,109.5070	1,109.5070	0.0247	0.0000	1,110.1237
<b>Total</b>	<b>0.6509</b>	<b>4.1231</b>	<b>4.6055</b>	<b>0.0220</b>	<b>1.6404</b>	<b>0.0140</b>	<b>1.6544</b>	<b>0.4409</b>	<b>0.0131</b>	<b>0.4540</b>	<b>0.0000</b>	<b>2,044.2138</b>	<b>2,044.2138</b>	<b>0.1029</b>	<b>0.0000</b>	<b>2,046.7861</b>

**3.5 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2045	1.8700	2.1117	3.5000e-003		0.0910	0.0910		0.0856	0.0856	0.0000	301.3462	301.3462	0.0717	0.0000	303.1383
<b>Total</b>	<b>0.2045</b>	<b>1.8700</b>	<b>2.1117</b>	<b>3.5000e-003</b>		<b>0.0910</b>	<b>0.0910</b>		<b>0.0856</b>	<b>0.0856</b>	<b>0.0000</b>	<b>301.3462</b>	<b>301.3462</b>	<b>0.0717</b>	<b>0.0000</b>	<b>303.1383</b>

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**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0717	2.8977	0.6194	9.4900e-003	0.2264	2.4700e-003	0.2289	0.0654	2.3600e-003	0.0677	0.0000	909.0513	909.0513	0.0594	0.0000	910.5360
Worker	0.5228	0.3110	3.5857	0.0118	1.4139	8.3100e-003	1.4223	0.3755	7.6500e-003	0.3832	0.0000	1,067.4189	1,067.4189	0.0222	0.0000	1,067.9727
<b>Total</b>	<b>0.5944</b>	<b>3.2087</b>	<b>4.2052</b>	<b>0.0213</b>	<b>1.6404</b>	<b>0.0108</b>	<b>1.6512</b>	<b>0.4409</b>	<b>0.0100</b>	<b>0.4509</b>	<b>0.0000</b>	<b>1,976.4702</b>	<b>1,976.4702</b>	<b>0.0815</b>	<b>0.0000</b>	<b>1,978.5086</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	0.2045	1.8700	2.1117	3.5000e-003		0.0910	0.0910		0.0856	0.0856	0.0000	301.3458	301.3458	0.0717	0.0000	303.1380
<b>Total</b>	<b>0.2045</b>	<b>1.8700</b>	<b>2.1117</b>	<b>3.5000e-003</b>		<b>0.0910</b>	<b>0.0910</b>		<b>0.0856</b>	<b>0.0856</b>	<b>0.0000</b>	<b>301.3458</b>	<b>301.3458</b>	<b>0.0717</b>	<b>0.0000</b>	<b>303.1380</b>

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**3.5 Building Construction - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0717	2.8977	0.6194	9.4900e-003	0.2264	2.4700e-003	0.2289	0.0654	2.3600e-003	0.0677	0.0000	909.0513	909.0513	0.0594	0.0000	910.5360
Worker	0.5228	0.3110	3.5857	0.0118	1.4139	8.3100e-003	1.4223	0.3755	7.6500e-003	0.3832	0.0000	1,067.4189	1,067.4189	0.0222	0.0000	1,067.9727
<b>Total</b>	<b>0.5944</b>	<b>3.2087</b>	<b>4.2052</b>	<b>0.0213</b>	<b>1.6404</b>	<b>0.0108</b>	<b>1.6512</b>	<b>0.4409</b>	<b>0.0100</b>	<b>0.4509</b>	<b>0.0000</b>	<b>1,976.4702</b>	<b>1,976.4702</b>	<b>0.0815</b>	<b>0.0000</b>	<b>1,978.5086</b>

**3.5 Building Construction - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7223	303.7223	0.0718	0.0000	305.5179
<b>Total</b>	<b>0.1928</b>	<b>1.7611</b>	<b>2.1179</b>	<b>3.5300e-003</b>		<b>0.0803</b>	<b>0.0803</b>		<b>0.0756</b>	<b>0.0756</b>	<b>0.0000</b>	<b>303.7223</b>	<b>303.7223</b>	<b>0.0718</b>	<b>0.0000</b>	<b>305.5179</b>

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**3.5 Building Construction - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	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	0.0707	2.9046	0.6016	9.5200e-003	0.2282	2.4700e-003	0.2306	0.0659	2.3600e-003	0.0682	0.0000	911.9993	911.9993	0.0585	0.0000	913.4609
Worker	0.4965	0.2839	3.3789	0.0115	1.4248	8.2900e-003	1.4331	0.3784	7.6300e-003	0.3860	0.0000	1,037.2124	1,037.2124	0.0204	0.0000	1,037.7210
<b>Total</b>	<b>0.5672</b>	<b>3.1886</b>	<b>3.9805</b>	<b>0.0210</b>	<b>1.6530</b>	<b>0.0108</b>	<b>1.6637</b>	<b>0.4443</b>	<b>9.9900e-003</b>	<b>0.4543</b>	<b>0.0000</b>	<b>1,949.2117</b>	<b>1,949.2117</b>	<b>0.0788</b>	<b>0.0000</b>	<b>1,951.1819</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	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7220	303.7220	0.0718	0.0000	305.5175
<b>Total</b>	<b>0.1928</b>	<b>1.7611</b>	<b>2.1179</b>	<b>3.5300e-003</b>		<b>0.0803</b>	<b>0.0803</b>		<b>0.0756</b>	<b>0.0756</b>	<b>0.0000</b>	<b>303.7220</b>	<b>303.7220</b>	<b>0.0718</b>	<b>0.0000</b>	<b>305.5175</b>

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**3.5 Building Construction - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	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	0.0707	2.9046	0.6016	9.5200e-003	0.2282	2.4700e-003	0.2306	0.0659	2.3600e-003	0.0682	0.0000	911.9993	911.9993	0.0585	0.0000	913.4609
Worker	0.4965	0.2839	3.3789	0.0115	1.4248	8.2900e-003	1.4331	0.3784	7.6300e-003	0.3860	0.0000	1,037.2124	1,037.2124	0.0204	0.0000	1,037.7210
<b>Total</b>	<b>0.5672</b>	<b>3.1886</b>	<b>3.9805</b>	<b>0.0210</b>	<b>1.6530</b>	<b>0.0108</b>	<b>1.6637</b>	<b>0.4443</b>	<b>9.9900e-003</b>	<b>0.4543</b>	<b>0.0000</b>	<b>1,949.2117</b>	<b>1,949.2117</b>	<b>0.0788</b>	<b>0.0000</b>	<b>1,951.1819</b>

**3.5 Building Construction - 2025**

**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	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
<b>Total</b>	<b>0.1785</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6549</b>	<b>302.6549</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4335</b>

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**3.5 Building Construction - 2025**

**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	0.0685	2.8647	0.5786	9.4200e-003	0.2273	2.4300e-003	0.2297	0.0656	2.3200e-003	0.0679	0.0000	902.2838	902.2838	0.0567	0.0000	903.7006
Worker	0.4674	0.2574	3.1194	0.0110	1.4194	8.1100e-003	1.4275	0.3770	7.4600e-003	0.3844	0.0000	991.9162	991.9162	0.0184	0.0000	992.3755
<b>Total</b>	<b>0.5359</b>	<b>3.1221</b>	<b>3.6980</b>	<b>0.0204</b>	<b>1.6467</b>	<b>0.0105</b>	<b>1.6572</b>	<b>0.4426</b>	<b>9.7800e-003</b>	<b>0.4523</b>	<b>0.0000</b>	<b>1,894.1999</b>	<b>1,894.1999</b>	<b>0.0751</b>	<b>0.0000</b>	<b>1,896.0761</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	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
<b>Total</b>	<b>0.1784</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6545</b>	<b>302.6545</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4331</b>

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**3.5 Building Construction - 2025**

**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	0.0685	2.8647	0.5786	9.4200e-003	0.2273	2.4300e-003	0.2297	0.0656	2.3200e-003	0.0679	0.0000	902.2838	902.2838	0.0567	0.0000	903.7006
Worker	0.4674	0.2574	3.1194	0.0110	1.4194	8.1100e-003	1.4275	0.3770	7.4600e-003	0.3844	0.0000	991.9162	991.9162	0.0184	0.0000	992.3755
<b>Total</b>	<b>0.5359</b>	<b>3.1221</b>	<b>3.6980</b>	<b>0.0204</b>	<b>1.6467</b>	<b>0.0105</b>	<b>1.6572</b>	<b>0.4426</b>	<b>9.7800e-003</b>	<b>0.4523</b>	<b>0.0000</b>	<b>1,894.1999</b>	<b>1,894.1999</b>	<b>0.0751</b>	<b>0.0000</b>	<b>1,896.0761</b>

**3.5 Building Construction - 2026**

**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	0.1306	1.1909	1.5361	2.5700e-003		0.0504	0.0504		0.0474	0.0474	0.0000	221.4831	221.4831	0.0521	0.0000	222.7847
<b>Total</b>	<b>0.1306</b>	<b>1.1909</b>	<b>1.5361</b>	<b>2.5700e-003</b>		<b>0.0504</b>	<b>0.0504</b>		<b>0.0474</b>	<b>0.0474</b>	<b>0.0000</b>	<b>221.4831</b>	<b>221.4831</b>	<b>0.0521</b>	<b>0.0000</b>	<b>222.7847</b>

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**3.5 Building Construction - 2026**

**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	0.0490	2.0756	0.4112	6.8500e-003	0.1663	1.7500e-003	0.1681	0.0480	1.6700e-003	0.0497	0.0000	655.9931	655.9931	0.0403	0.0000	657.0008
Worker	0.3246	0.1725	2.1267	7.7300e-003	1.0387	5.7500e-003	1.0445	0.2759	5.2900e-003	0.2812	0.0000	699.4512	699.4512	0.0123	0.0000	699.7574
<b>Total</b>	<b>0.3735</b>	<b>2.2480</b>	<b>2.5379</b>	<b>0.0146</b>	<b>1.2050</b>	<b>7.5000e-003</b>	<b>1.2125</b>	<b>0.3239</b>	<b>6.9600e-003</b>	<b>0.3308</b>	<b>0.0000</b>	<b>1,355.4443</b>	<b>1,355.4443</b>	<b>0.0526</b>	<b>0.0000</b>	<b>1,356.7582</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	0.1306	1.1909	1.5361	2.5700e-003		0.0504	0.0504		0.0474	0.0474	0.0000	221.4828	221.4828	0.0521	0.0000	222.7844
<b>Total</b>	<b>0.1306</b>	<b>1.1909</b>	<b>1.5361</b>	<b>2.5700e-003</b>		<b>0.0504</b>	<b>0.0504</b>		<b>0.0474</b>	<b>0.0474</b>	<b>0.0000</b>	<b>221.4828</b>	<b>221.4828</b>	<b>0.0521</b>	<b>0.0000</b>	<b>222.7844</b>



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**3.5 Building Construction - 2026**

**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	0.0490	2.0756	0.4112	6.8500e-003	0.1663	1.7500e-003	0.1681	0.0480	1.6700e-003	0.0497	0.0000	655.9931	655.9931	0.0403	0.0000	657.0008
Worker	0.3246	0.1725	2.1267	7.7300e-003	1.0387	5.7500e-003	1.0445	0.2759	5.2900e-003	0.2812	0.0000	699.4512	699.4512	0.0123	0.0000	699.7574
<b>Total</b>	<b>0.3735</b>	<b>2.2480</b>	<b>2.5379</b>	<b>0.0146</b>	<b>1.2050</b>	<b>7.5000e-003</b>	<b>1.2125</b>	<b>0.3239</b>	<b>6.9600e-003</b>	<b>0.3308</b>	<b>0.0000</b>	<b>1,355.4443</b>	<b>1,355.4443</b>	<b>0.0526</b>	<b>0.0000</b>	<b>1,356.7582</b>

**3.6 Paving - 2026**

**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	0.0320	0.3004	0.5102	8.0000e-004		0.0147	0.0147		0.0135	0.0135	0.0000	70.0674	70.0674	0.0227	0.0000	70.6339
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0320</b>	<b>0.3004</b>	<b>0.5102</b>	<b>8.0000e-004</b>		<b>0.0147</b>	<b>0.0147</b>		<b>0.0135</b>	<b>0.0135</b>	<b>0.0000</b>	<b>70.0674</b>	<b>70.0674</b>	<b>0.0227</b>	<b>0.0000</b>	<b>70.6339</b>

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**3.6 Paving - 2026**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3500e-003	7.2000e-004	8.8400e-003	3.0000e-005	4.3200e-003	2.0000e-005	4.3400e-003	1.1500e-003	2.0000e-005	1.1700e-003	0.0000	2.9086	2.9086	5.0000e-005	0.0000	2.9099
<b>Total</b>	<b>1.3500e-003</b>	<b>7.2000e-004</b>	<b>8.8400e-003</b>	<b>3.0000e-005</b>	<b>4.3200e-003</b>	<b>2.0000e-005</b>	<b>4.3400e-003</b>	<b>1.1500e-003</b>	<b>2.0000e-005</b>	<b>1.1700e-003</b>	<b>0.0000</b>	<b>2.9086</b>	<b>2.9086</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>2.9099</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	0.0320	0.3004	0.5102	8.0000e-004		0.0147	0.0147		0.0135	0.0135	0.0000	70.0673	70.0673	0.0227	0.0000	70.6338
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0320</b>	<b>0.3004</b>	<b>0.5102</b>	<b>8.0000e-004</b>		<b>0.0147</b>	<b>0.0147</b>		<b>0.0135</b>	<b>0.0135</b>	<b>0.0000</b>	<b>70.0673</b>	<b>70.0673</b>	<b>0.0227</b>	<b>0.0000</b>	<b>70.6338</b>

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**3.6 Paving - 2026**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3500e-003	7.2000e-004	8.8400e-003	3.0000e-005	4.3200e-003	2.0000e-005	4.3400e-003	1.1500e-003	2.0000e-005	1.1700e-003	0.0000	2.9086	2.9086	5.0000e-005	0.0000	2.9099
<b>Total</b>	<b>1.3500e-003</b>	<b>7.2000e-004</b>	<b>8.8400e-003</b>	<b>3.0000e-005</b>	<b>4.3200e-003</b>	<b>2.0000e-005</b>	<b>4.3400e-003</b>	<b>1.1500e-003</b>	<b>2.0000e-005</b>	<b>1.1700e-003</b>	<b>0.0000</b>	<b>2.9086</b>	<b>2.9086</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>2.9099</b>

**3.6 Paving - 2027**

**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	0.0183	0.1716	0.2916	4.6000e-004		8.3700e-003	8.3700e-003		7.7000e-003	7.7000e-003	0.0000	40.0385	40.0385	0.0130	0.0000	40.3622
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0183</b>	<b>0.1716</b>	<b>0.2916</b>	<b>4.6000e-004</b>		<b>8.3700e-003</b>	<b>8.3700e-003</b>		<b>7.7000e-003</b>	<b>7.7000e-003</b>	<b>0.0000</b>	<b>40.0385</b>	<b>40.0385</b>	<b>0.0130</b>	<b>0.0000</b>	<b>40.3622</b>

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**3.6 Paving - 2027**

**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	7.3000e-004	3.8000e-004	4.7200e-003	2.0000e-005	2.4700e-003	1.0000e-005	2.4800e-003	6.6000e-004	1.0000e-005	6.7000e-004	0.0000	1.6070	1.6070	3.0000e-005	0.0000	1.6076
<b>Total</b>	<b>7.3000e-004</b>	<b>3.8000e-004</b>	<b>4.7200e-003</b>	<b>2.0000e-005</b>	<b>2.4700e-003</b>	<b>1.0000e-005</b>	<b>2.4800e-003</b>	<b>6.6000e-004</b>	<b>1.0000e-005</b>	<b>6.7000e-004</b>	<b>0.0000</b>	<b>1.6070</b>	<b>1.6070</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>1.6076</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	0.0183	0.1716	0.2916	4.6000e-004		8.3700e-003	8.3700e-003		7.7000e-003	7.7000e-003	0.0000	40.0385	40.0385	0.0130	0.0000	40.3622
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0183</b>	<b>0.1716</b>	<b>0.2916</b>	<b>4.6000e-004</b>		<b>8.3700e-003</b>	<b>8.3700e-003</b>		<b>7.7000e-003</b>	<b>7.7000e-003</b>	<b>0.0000</b>	<b>40.0385</b>	<b>40.0385</b>	<b>0.0130</b>	<b>0.0000</b>	<b>40.3622</b>

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**3.6 Paving - 2027**

**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	7.3000e-004	3.8000e-004	4.7200e-003	2.0000e-005	2.4700e-003	1.0000e-005	2.4800e-003	6.6000e-004	1.0000e-005	6.7000e-004	0.0000	1.6070	1.6070	3.0000e-005	0.0000	1.6076
<b>Total</b>	<b>7.3000e-004</b>	<b>3.8000e-004</b>	<b>4.7200e-003</b>	<b>2.0000e-005</b>	<b>2.4700e-003</b>	<b>1.0000e-005</b>	<b>2.4800e-003</b>	<b>6.6000e-004</b>	<b>1.0000e-005</b>	<b>6.7000e-004</b>	<b>0.0000</b>	<b>1.6070</b>	<b>1.6070</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>1.6076</b>

**3.7 Architectural Coating - 2027**

**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	33.3465					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.4000e-003	0.0630	0.0995	1.6000e-004		2.8300e-003	2.8300e-003		2.8300e-003	2.8300e-003	0.0000	14.0429	14.0429	7.7000e-004	0.0000	14.0621
<b>Total</b>	<b>33.3559</b>	<b>0.0630</b>	<b>0.0995</b>	<b>1.6000e-004</b>		<b>2.8300e-003</b>	<b>2.8300e-003</b>		<b>2.8300e-003</b>	<b>2.8300e-003</b>	<b>0.0000</b>	<b>14.0429</b>	<b>14.0429</b>	<b>7.7000e-004</b>	<b>0.0000</b>	<b>14.0621</b>

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**3.7 Architectural Coating - 2027**

**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	0.0354	0.0182	0.2287	8.6000e-004	0.1195	6.3000e-004	0.1201	0.0317	5.8000e-004	0.0323	0.0000	77.7775	77.7775	1.2900e-003	0.0000	77.8097
<b>Total</b>	<b>0.0354</b>	<b>0.0182</b>	<b>0.2287</b>	<b>8.6000e-004</b>	<b>0.1195</b>	<b>6.3000e-004</b>	<b>0.1201</b>	<b>0.0317</b>	<b>5.8000e-004</b>	<b>0.0323</b>	<b>0.0000</b>	<b>77.7775</b>	<b>77.7775</b>	<b>1.2900e-003</b>	<b>0.0000</b>	<b>77.8097</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	33.3465					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.4000e-003	0.0630	0.0995	1.6000e-004		2.8300e-003	2.8300e-003		2.8300e-003	2.8300e-003	0.0000	14.0429	14.0429	7.7000e-004	0.0000	14.0620
<b>Total</b>	<b>33.3559</b>	<b>0.0630</b>	<b>0.0995</b>	<b>1.6000e-004</b>		<b>2.8300e-003</b>	<b>2.8300e-003</b>		<b>2.8300e-003</b>	<b>2.8300e-003</b>	<b>0.0000</b>	<b>14.0429</b>	<b>14.0429</b>	<b>7.7000e-004</b>	<b>0.0000</b>	<b>14.0620</b>

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**3.7 Architectural Coating - 2027**

**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	0.0354	0.0182	0.2287	8.6000e-004	0.1195	6.3000e-004	0.1201	0.0317	5.8000e-004	0.0323	0.0000	77.7775	77.7775	1.2900e-003	0.0000	77.8097
<b>Total</b>	<b>0.0354</b>	<b>0.0182</b>	<b>0.2287</b>	<b>8.6000e-004</b>	<b>0.1195</b>	<b>6.3000e-004</b>	<b>0.1201</b>	<b>0.0317</b>	<b>5.8000e-004</b>	<b>0.0323</b>	<b>0.0000</b>	<b>77.7775</b>	<b>77.7775</b>	<b>1.2900e-003</b>	<b>0.0000</b>	<b>77.8097</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

Increase Density

Improve Destination Accessibility

Increase Transit Accessibility

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	5.1231	55.9500	36.3003	0.2133	15.4136	0.0830	15.4966	4.1254	0.0772	4.2026	0.0000	20,041.8790	20,041.8790	1.2160	0.0000	20,072.2787
Unmitigated	5.5999	58.4472	48.2982	0.2960	24.8977	0.1172	25.0149	6.6638	0.1091	6.7729	0.0000	27,725.9430	27,725.9430	1.3918	0.0000	27,760.7389

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	4,863.36	5,712.66	5238.84	11,270,343	6,977,180
Condo/Townhouse	1,327.36	1,383.48	1180.96	2,940,350	1,820,295
General Office Building	4,870.00	1,230.00	525.00	7,958,819	4,927,100
Government (Civic Center)	809.68	0.00	0.00	1,294,620	801,466
Government Office Building	2,412.55	0.00	0.00	2,578,311	1,596,166
High Turnover (Sit Down Restaurant)	13,730.83	19,384.49	16137.22	11,912,681	7,374,835
Hotel	2,926.00	2,866.50	2082.50	4,153,662	2,571,425
Junior College (2Yr)	3,037.50	1,684.50	181.50	3,984,090	2,466,448
Regional Shopping Center	1,132.80	1,499.10	757.20	1,498,543	927,709
Regional Shopping Center	12,606.18	16,682.48	8426.37	16,676,282	10,323,858
Single Family Housing	476.00	495.50	431.00	1,056,626	654,130
<b>Total</b>	<b>48,192.26</b>	<b>50,938.71</b>	<b>34,960.59</b>	<b>65,324,326</b>	<b>40,440,614</b>

4.3 Trip Type Information



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Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	11.00	3.50	4.50	40.20	19.20	40.60	86	11	3
Condo/Townhouse	11.00	3.50	4.50	40.20	19.20	40.60	86	11	3
General Office Building	12.50	4.20	5.40	33.00	48.00	19.00	77	19	4
Government (Civic Center)	12.50	4.20	5.40	75.00	20.00	5.00	50	34	16
Government Office Building	12.50	4.20	5.40	33.00	62.00	5.00	50	34	16
High Turnover (Sit Down)	12.50	4.20	5.40	8.50	72.50	19.00	37	20	43
Hotel	12.50	4.20	5.40	19.40	61.60	19.00	58	38	4
Junior College (2Yr)	12.50	4.20	5.40	6.40	88.60	5.00	92	7	1
Regional Shopping Center	12.50	4.20	5.40	16.30	64.70	19.00	54	35	11
Regional Shopping Center	12.50	4.20	5.40	16.30	64.70	19.00	54	35	11
Single Family Housing	11.00	3.50	4.50	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Condo/Townhouse	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
General Office Building	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Government (Civic Center)	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Government Office Building	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
High Turnover (Sit Down Restaurant)	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Hotel	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Junior College (2Yr)	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Regional Shopping Center	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Single Family Housing	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539

5.0 Energy Detail

Historical Energy Use: N

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Annual

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	11,615.77 22	11,615.77 22	0.2651	0.0548	11,638.74 05
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	11,615.77 22	11,615.77 22	0.2651	0.0548	11,638.74 05
NaturalGas Mitigated	0.3726	3.3274	2.4076	0.0203		0.2574	0.2574		0.2574	0.2574	0.0000	3,687.212 3	3,687.212 3	0.0707	0.0676	3,709.123 6
NaturalGas Unmitigated	0.3726	3.3274	2.4076	0.0203		0.2574	0.2574		0.2574	0.2574	0.0000	3,687.212 3	3,687.212 3	0.0707	0.0676	3,709.123 6

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, 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					
Apartments Mid Rise	1.32259e+007	0.0713	0.6094	0.2593	3.8900e-003		0.0493	0.0493		0.0493	0.0493	0.0000	705.7848	705.7848	0.0135	0.0129	709.9789
Condo/Townhouse	5.5299e+006	0.0298	0.2548	0.1084	1.6300e-003		0.0206	0.0206		0.0206	0.0206	0.0000	295.0966	295.0966	5.6600e-003	5.4100e-003	296.8502
General Office Building	1.735e+006	9.3600e-003	0.0851	0.0714	5.1000e-004		6.4600e-003	6.4600e-003		6.4600e-003	6.4600e-003	0.0000	92.5862	92.5862	1.7700e-003	1.7000e-003	93.1364
Government (Civic Center)	100630	5.4000e-004	4.9300e-003	4.1400e-003	3.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004	0.0000	5.3700	5.3700	1.0000e-004	1.0000e-004	5.4019
Government Office Building	121450	6.5000e-004	5.9500e-003	5.0000e-003	4.0000e-005		4.5000e-004	4.5000e-004		4.5000e-004	4.5000e-004	0.0000	6.4810	6.4810	1.2000e-004	1.2000e-004	6.5196
High Turnover (Sit Down Restaurant)	3.34691e+007	0.1805	1.6406	1.3781	9.8400e-003		0.1247	0.1247		0.1247	0.1247	0.0000	1,786.0363	1,786.0363	0.0342	0.0327	1,796.6498
Hotel	1.05018e+007	0.0566	0.5148	0.4324	3.0900e-003		0.0391	0.0391		0.0391	0.0391	0.0000	560.4134	560.4134	0.0107	0.0103	563.7436
Junior College (2Yr)	2.0745e+006	0.0112	0.1017	0.0854	6.1000e-004		7.7300e-003	7.7300e-003		7.7300e-003	7.7300e-003	0.0000	110.7032	110.7032	2.1200e-003	2.0300e-003	111.3611
Regional Shopping Center	66600	3.6000e-004	3.2600e-003	2.7400e-003	2.0000e-005		2.5000e-004	2.5000e-004		2.5000e-004	2.5000e-004	0.0000	3.5540	3.5540	7.0000e-005	7.0000e-005	3.5752
Regional Shopping Center	741147	4.0000e-003	0.0363	0.0305	2.2000e-004		2.7600e-003	2.7600e-003		2.7600e-003	2.7600e-003	0.0000	39.5504	39.5504	7.6000e-004	7.3000e-004	39.7855
Single Family Housing	1.52981e+006	8.2500e-003	0.0705	0.0300	4.5000e-004		5.7000e-003	5.7000e-003		5.7000e-003	5.7000e-003	0.0000	81.6364	81.6364	1.5600e-003	1.5000e-003	82.1215
<b>Total</b>		<b>0.3726</b>	<b>3.3274</b>	<b>2.4076</b>	<b>0.0203</b>		<b>0.2574</b>	<b>0.2574</b>		<b>0.2574</b>	<b>0.2574</b>	<b>0.0000</b>	<b>3,687.2123</b>	<b>3,687.2123</b>	<b>0.0707</b>	<b>0.0676</b>	<b>3,709.1236</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Annual

**5.2 Energy by Land Use - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	1.32259e+007	0.0713	0.6094	0.2593	3.8900e-003		0.0493	0.0493		0.0493	0.0493	0.0000	705.7848	705.7848	0.0135	0.0129	709.9789
Condo/Townhouse	5.5299e+006	0.0298	0.2548	0.1084	1.6300e-003		0.0206	0.0206		0.0206	0.0206	0.0000	295.0966	295.0966	5.6600e-003	5.4100e-003	296.8502
General Office Building	1.735e+006	9.3600e-003	0.0851	0.0714	5.1000e-004		6.4600e-003	6.4600e-003		6.4600e-003	6.4600e-003	0.0000	92.5862	92.5862	1.7700e-003	1.7000e-003	93.1364
Government (Civic Center)	100630	5.4000e-004	4.9300e-003	4.1400e-003	3.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004	0.0000	5.3700	5.3700	1.0000e-004	1.0000e-004	5.4019
Government Office Building	121450	6.5000e-004	5.9500e-003	5.0000e-003	4.0000e-005		4.5000e-004	4.5000e-004		4.5000e-004	4.5000e-004	0.0000	6.4810	6.4810	1.2000e-004	1.2000e-004	6.5196
High Turnover (Sit Down Restaurant)	3.34691e+007	0.1805	1.6406	1.3781	9.8400e-003		0.1247	0.1247		0.1247	0.1247	0.0000	1,786.0363	1,786.0363	0.0342	0.0327	1,796.6498
Hotel	1.05018e+007	0.0566	0.5148	0.4324	3.0900e-003		0.0391	0.0391		0.0391	0.0391	0.0000	560.4134	560.4134	0.0107	0.0103	563.7436
Junior College (2Yr)	2.0745e+006	0.0112	0.1017	0.0854	6.1000e-004		7.7300e-003	7.7300e-003		7.7300e-003	7.7300e-003	0.0000	110.7032	110.7032	2.1200e-003	2.0300e-003	111.3611
Regional Shopping Center	66600	3.6000e-004	3.2600e-003	2.7400e-003	2.0000e-005		2.5000e-004	2.5000e-004		2.5000e-004	2.5000e-004	0.0000	3.5540	3.5540	7.0000e-005	7.0000e-005	3.5752
Regional Shopping Center	741147	4.0000e-003	0.0363	0.0305	2.2000e-004		2.7600e-003	2.7600e-003		2.7600e-003	2.7600e-003	0.0000	39.5504	39.5504	7.6000e-004	7.3000e-004	39.7855
Single Family Housing	1.52981e+006	8.2500e-003	0.0705	0.0300	4.5000e-004		5.7000e-003	5.7000e-003		5.7000e-003	5.7000e-003	0.0000	81.6364	81.6364	1.5600e-003	1.5000e-003	82.1215
<b>Total</b>		<b>0.3726</b>	<b>3.3274</b>	<b>2.4076</b>	<b>0.0203</b>		<b>0.2574</b>	<b>0.2574</b>		<b>0.2574</b>	<b>0.2574</b>	<b>0.0000</b>	<b>3,687.2123</b>	<b>3,687.2123</b>	<b>0.0707</b>	<b>0.0676</b>	<b>3,709.1236</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Annual

**5.3 Energy by Land Use - Electricity**

**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	4.87104e+006	2,808.0108	0.0641	0.0133	2,813.5632
Condo/Townhouse	1.14186e+006	658.2481	0.0150	3.1100e-003	659.5497
General Office Building	3.005e+006	1,732.2940	0.0395	8.1800e-003	1,735.7193
Government (Civic Center)	174290	100.4731	2.2900e-003	4.7000e-004	100.6717
Government Office Building	210350	121.2606	2.7700e-003	5.7000e-004	121.5004
High Turnover (Sit Down Restaurant)	4.82562e+006	2,781.8278	0.0635	0.0131	2,787.3284
Hotel	2.177e+006	1,254.9764	0.0286	5.9200e-003	1,257.4579
Junior College (2Yr)	660000	380.4706	8.6800e-003	1.8000e-003	381.2229
Regional Shopping Center	2.43043e+006	1,401.0702	0.0320	6.6100e-003	1,403.8405
Regional Shopping Center	218400	125.9012	2.8700e-003	5.9000e-004	126.1501
Single Family Housing	435824	251.2397	5.7300e-003	1.1900e-003	251.7365
<b>Total</b>		<b>11,615.7722</b>	<b>0.2651</b>	<b>0.0548</b>	<b>11,638.7405</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Annual

**5.3 Energy by Land Use - Electricity**

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	4.87104e+006	2,808.0108	0.0641	0.0133	2,813.5632
Condo/Townhouse	1.14186e+006	658.2481	0.0150	3.1100e-003	659.5497
General Office Building	3.005e+006	1,732.2940	0.0395	8.1800e-003	1,735.7193
Government (Civic Center)	174290	100.4731	2.2900e-003	4.7000e-004	100.6717
Government Office Building	210350	121.2606	2.7700e-003	5.7000e-004	121.5004
High Turnover (Sit Down Restaurant)	4.82562e+006	2,781.8278	0.0635	0.0131	2,787.3284
Hotel	2.177e+006	1,254.9764	0.0286	5.9200e-003	1,257.4579
Junior College (2Yr)	660000	380.4706	8.6800e-003	1.8000e-003	381.2229
Regional Shopping Center	2.43043e+006	1,401.0702	0.0320	6.6100e-003	1,403.8405
Regional Shopping Center	218400	125.9012	2.8700e-003	5.9000e-004	126.1501
Single Family Housing	435824	251.2397	5.7300e-003	1.1900e-003	251.7365
<b>Total</b>		<b>11,615.7722</b>	<b>0.2651</b>	<b>0.0548</b>	<b>11,638.7405</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Annual

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	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	10.8815	0.8293	9.4099	5.8200e-003		0.1523	0.1523		0.1523	0.1523	5.1105	852.6536	857.7641	0.0455	0.0155	863.5274
Unmitigated	10.8815	0.8293	9.4099	5.8200e-003		0.1523	0.1523		0.1523	0.1523	5.1105	852.6536	857.7641	0.0455	0.0155	863.5274

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Annual

**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	0.6669					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	9.7179					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.2326	0.7278	0.6057	5.3500e-003		0.1033	0.1033		0.1033	0.1033	5.1105	838.2169	843.3274	0.0317	0.0155	848.7460
Landscaping	0.2641	0.1015	8.8042	4.7000e-004		0.0490	0.0490		0.0490	0.0490	0.0000	14.4367	14.4367	0.0138	0.0000	14.7814
<b>Total</b>	<b>10.8815</b>	<b>0.8293</b>	<b>9.4099</b>	<b>5.8200e-003</b>		<b>0.1523</b>	<b>0.1523</b>		<b>0.1523</b>	<b>0.1523</b>	<b>5.1105</b>	<b>852.6536</b>	<b>857.7641</b>	<b>0.0455</b>	<b>0.0155</b>	<b>863.5274</b>



Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Annual

**6.2 Area by SubCategory**

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.6669					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	9.7179					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.2326	0.7278	0.6057	5.3500e-003		0.1033	0.1033		0.1033	0.1033	5.1105	838.2169	843.3274	0.0317	0.0155	848.7460
Landscaping	0.2641	0.1015	8.8042	4.7000e-004		0.0490	0.0490		0.0490	0.0490	0.0000	14.4367	14.4367	0.0138	0.0000	14.7814
<b>Total</b>	<b>10.8815</b>	<b>0.8293</b>	<b>9.4099</b>	<b>5.8200e-003</b>		<b>0.1523</b>	<b>0.1523</b>		<b>0.1523</b>	<b>0.1523</b>	<b>5.1105</b>	<b>852.6536</b>	<b>857.7641</b>	<b>0.0455</b>	<b>0.0155</b>	<b>863.5274</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

Use Water Efficient Irrigation System

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	2,484.774 3	6.8365	0.1715	2,706.805 0
Unmitigated	2,540.423 2	6.8377	0.1718	2,762.563 9

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Annual

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	46.5982 / 36.7214	599.7449	1.5318	0.0386	649.5457
Condo/Townhouse	12.7181 / 10.0224	163.6888	0.4181	0.0105	177.2809
General Office Building	71.0935 / 54.4668	905.0357	2.3367	0.0589	980.9957
Government (Civic Center)	4.6089 / 3.53102	58.6724	0.1515	3.8200e-003	63.5968
Government Office Building	5.56247 / 4.26157	70.8115	0.1828	4.6100e-003	76.7547
High Turnover (Sit Down Restaurant)	29.722 / 2.37144	247.7176	0.9739	0.0240	279.2158
Hotel	7.1027 / 0.986486	61.8858	0.2328	5.7500e-003	69.4183
Junior College (2Yr)	5.88588 / 11.5077	119.7499	0.1945	5.0900e-003	126.1273
Regional Shopping Center	21.561 / 16.5185	274.4766	0.7087	0.0179	297.5135
Single Family Housing	3.2577 / 2.05377	38.6401	0.1070	2.6800e-003	42.1152
<b>Total</b>		<b>2,540.4232</b>	<b>6.8377</b>	<b>0.1718</b>	<b>2,762.5639</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Annual

**7.2 Water by Land Use**

**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	46.5982 / 34.4814	585.3986	1.5314	0.0386	635.1711
Condo/Townhouse	12.7181 / 9.41102	159.7732	0.4180	0.0105	173.3577
General Office Building	71.0935 / 51.1443	883.7566	2.3362	0.0588	959.6745
Government (Civic Center)	4.6089 / 3.31562	57.2929	0.1515	3.8100e-003	62.2145
Government Office Building	5.56247 / 4.00161	69.1466	0.1828	4.6000e-003	75.0865
High Turnover (Sit Down Restaurant)	29.722 / 2.22678	246.7912	0.9739	0.0240	278.2875
Hotel	7.1027 / 0.92631	61.5004	0.2328	5.7400e-003	69.0321
Junior College (2Yr)	5.88588 / 10.8057	115.2541	0.1944	5.0600e-003	121.6226
Regional Shopping Center	21.561 / 15.5109	268.0231	0.7085	0.0178	291.0473
Single Family Housing	3.2577 / 1.92849	37.8377	0.1070	2.6800e-003	41.3112
<b>Total</b>		<b>2,484.7743</b>	<b>6.8365</b>	<b>0.1715</b>	<b>2,706.8051</b>

**8.0 Waste Detail**

**8.1 Mitigation Measures Waste**

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Annual

**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	531.2883	31.3982	0.0000	1,316,244 <sub>1</sub>
Unmitigated	531.2883	31.3982	0.0000	1,316,244 <sub>1</sub>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Annual

**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	308.43	62.6085	3.7001	0.0000	155.1099
Condo/Townhouse	84.18	17.0878	1.0099	0.0000	42.3343
General Office Building	348.75	70.7931	4.1838	0.0000	175.3869
Government (Civic Center)	123.975	25.1658	1.4873	0.0000	62.3472
Government Office Building	24.4125	4.9555	0.2929	0.0000	12.2771
High Turnover (Sit Down Restaurant)	1092.42	221.7514	13.1051	0.0000	549.3797
Hotel	143.723	29.1744	1.7242	0.0000	72.2783
Junior College (2Yr)	146.25	29.6874	1.7545	0.0000	73.5494
Regional Shopping Center	286.53	58.1630	3.4373	0.0000	144.0964
Single Family Housing	58.63	11.9014	0.7034	0.0000	29.4851
<b>Total</b>		<b>531.2883</b>	<b>31.3982</b>	<b>0.0000</b>	<b>1,316.2442</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Annual

**8.2 Waste by Land Use**

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	308.43	62.6085	3.7001	0.0000	155.1099
Condo/Townhouse	84.18	17.0878	1.0099	0.0000	42.3343
General Office Building	348.75	70.7931	4.1838	0.0000	175.3869
Government (Civic Center)	123.975	25.1658	1.4873	0.0000	62.3472
Government Office Building	24.4125	4.9555	0.2929	0.0000	12.2771
High Turnover (Sit Down Restaurant)	1092.42	221.7514	13.1051	0.0000	549.3797
Hotel	143.723	29.1744	1.7242	0.0000	72.2783
Junior College (2Yr)	146.25	29.6874	1.7545	0.0000	73.5494
Regional Shopping Center	286.53	58.1630	3.4373	0.0000	144.0964
Single Family Housing	58.63	11.9014	0.7034	0.0000	29.4851
<b>Total</b>		<b>531.2883</b>	<b>31.3982</b>	<b>0.0000</b>	<b>1,316.2442</b>

**9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Annual

**10.0 Stationary Equipment**

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**Fire Pumps and Emergency Generators**

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

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

Equipment Type	Number
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**11.0 Vegetation**

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Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

**Indio Downtown Specific Plan Mitigated - Future Conditions  
Riverside-Salton Sea County, Summer**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Regional Shopping Center	30.00	1000sqft	0.69	30,000.00	0
Hotel	350.00	Room	11.67	175,000.00	0
General Office Building	500.00	1000sqft	11.48	500,000.00	0
Regional Shopping Center	333.85	1000sqft	7.66	333,850.00	0
High Turnover (Sit Down Restaurant)	122.40	1000sqft	2.81	122,400.00	0
Government Office Building	35.00	1000sqft	0.80	35,000.00	0
Government (Civic Center)	29.00	1000sqft	0.67	29,000.00	0
Junior College (2Yr)	150.00	1000sqft	3.44	150,000.00	0
Apartments Mid Rise	894.00	Dwelling Unit	23.53	739,200.00	2557
Condo/Townhouse	244.00	Dwelling Unit	15.25	313,800.00	698
Single Family Housing	50.00	Dwelling Unit	16.23	60,000.00	143

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.4	<b>Precipitation Freq (Days)</b>	28
<b>Climate Zone</b>	15			<b>Operational Year</b>	2035
<b>Utility Company</b>	Imperial Irrigation District				
<b>CO2 Intensity (lb/MWhr)</b>	1270.9	<b>CH4 Intensity (lb/MWhr)</b>	0.029	<b>N2O Intensity (lb/MWhr)</b>	0.006

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

## Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

Project Characteristics - Proposed Buildout Conditions, with measures pursuant to MM AQ-2 incorporated.

Land Use - Government office building is City Hall/Library, Civic Center is Museum/IPAC, hotel and residential square footage adjusted based on average square footage. Approximately 50% of new retail would be restaurant.

Construction Phase - OPERATIONAL ANALYSIS ONLY - CONSTRUCTION INPUTS REMAIN AT DEFAULTS

Off-road Equipment - OPERATIONAL ANALYSIS ONLY - CONSTRUCTION INPUTS REMAIN AT DEFAULTS

Grading - OPERATIONAL ANALYSIS ONLY - CONSTRUCTION INPUTS REMAIN AT DEFAULTS

Demolition - OPERATIONAL ANALYSIS ONLY - CONSTRUCTION INPUTS REMAIN AT DEFAULTS

Trips and VMT - OPERATIONAL ANALYSIS ONLY - CONSTRUCTION INPUTS REMAIN AT DEFAULTS

On-road Fugitive Dust - OPERATIONAL ANALYSIS ONLY - CONSTRUCTION INPUTS REMAIN AT DEFAULTS

Architectural Coating - OPERATIONAL ANALYSIS ONLY - CONSTRUCTION INPUTS REMAIN AT DEFAULTS

Vehicle Trips - Weekday trip rate adjusted per project traffic analysis. Civic use and single family residential trips remain at default.

Woodstoves - New multi-family housing would not have woodstoves or wood fireplaces (per SCAQMD Rule 445). Wood fireplaces added to gas fire places for these land uses.

Area Coating - Low VOC paint pursuant to SCAQMD Rule 1113.

Energy Use - T24 Electricity reduced by 25%, Lighting reduced by 75%. No energy reductions applied to existing SF residences.

Water And Wastewater - 20% reduction applied to indoor water pursuant to part 1.1 CALGreen. No reduction applied to existing SF homes.

Solid Waste - Solid waste reduced by 25% pursuant to AB 341 and MM AQ-2. No reduction applied to existing SF homes.

Mobile Land Use Mitigation - Project would increase overall Plan Area density from approximately 0.63 DU/acre to approximately 10.15 DU/acre. Plan Area is Downtown Indio, adjacent to Indio Bus Station

Area Mitigation -

Energy Mitigation - Energy Efficiency improvements pursuant to Title 24 updates and MM AQ-2 applied to energy/electricity rates.

Water Mitigation - Water efficient irrigation applied pursuant to MM AQ-2, percent reduction remains at default. Indoor water reductions pursuant to CALGreen and MM AQ-2 applied to Operational Water tab.

Waste Mitigation - Solid waste reduction pursuant to AB 342 and MM AQ-2 applied to solid waste generation rates.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	50
tblAreaCoating	Area_EF_Nonresidential_Interior	250	50
tblAreaCoating	Area_EF_Residential_Exterior	250	50
tblAreaCoating	Area_EF_Residential_Interior	250	50

## Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

tblEnergyUse	LightingElect	741.44	1,815.36
tblEnergyUse	LightingElect	1,001.10	250.28
tblEnergyUse	LightingElect	3.66	0.92
tblEnergyUse	LightingElect	3.66	0.92
tblEnergyUse	LightingElect	3.66	0.92
tblEnergyUse	LightingElect	6.62	1.66
tblEnergyUse	LightingElect	5.44	1.36
tblEnergyUse	LightingElect	3.99	1.00
tblEnergyUse	LightingElect	5.61	1.40
tblEnergyUse	T24E	772.17	579.13
tblEnergyUse	T24E	845.95	634.46
tblEnergyUse	T24E	3.07	2.30
tblEnergyUse	T24E	3.07	2.30
tblEnergyUse	T24E	3.07	2.30
tblEnergyUse	T24E	12.38	9.29
tblEnergyUse	T24E	6.47	4.85
tblEnergyUse	T24E	1.97	1.48
tblEnergyUse	T24E	4.58	3.44
tblFireplaces	NumberGas	715.20	804.60
tblFireplaces	NumberGas	195.20	219.60
tblFireplaces	NumberWood	89.40	0.00
tblFireplaces	NumberWood	24.40	0.00
tblLandUse	LandUseSquareFeet	508,200.00	175,000.00
tblLandUse	LandUseSquareFeet	894,000.00	739,200.00
tblLandUse	LandUseSquareFeet	244,000.00	313,800.00
tblLandUse	LandUseSquareFeet	90,000.00	60,000.00
tblSolidWaste	SolidWasteGenerationRate	411.24	308.43

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

tblSolidWaste	SolidWasteGenerationRate	112.24	84.18
tblSolidWaste	SolidWasteGenerationRate	465.00	348.75
tblSolidWaste	SolidWasteGenerationRate	165.30	123.98
tblSolidWaste	SolidWasteGenerationRate	32.55	24.41
tblSolidWaste	SolidWasteGenerationRate	1,456.56	1,092.42
tblSolidWaste	SolidWasteGenerationRate	191.63	143.72
tblSolidWaste	SolidWasteGenerationRate	195.00	146.25
tblSolidWaste	SolidWasteGenerationRate	382.04	286.53
tblVehicleTrips	WD_TR	6.65	5.44
tblVehicleTrips	WD_TR	5.81	5.44
tblVehicleTrips	WD_TR	11.03	9.74
tblVehicleTrips	WD_TR	127.15	112.18
tblVehicleTrips	WD_TR	8.17	8.36
tblVehicleTrips	WD_TR	27.49	20.25
tblVehicleTrips	WD_TR	42.70	37.76
tblWater	IndoorWaterUseRate	58,247,698.91	46,598,159.13
tblWater	IndoorWaterUseRate	15,897,582.25	12,718,065.80
tblWater	IndoorWaterUseRate	88,866,874.00	71,093,499.20
tblWater	IndoorWaterUseRate	5,761,130.89	4,608,904.71
tblWater	IndoorWaterUseRate	6,953,089.01	5,562,471.21
tblWater	IndoorWaterUseRate	37,152,526.40	29,722,021.12
tblWater	IndoorWaterUseRate	8,878,369.50	7,102,695.60
tblWater	IndoorWaterUseRate	7,357,354.88	5,885,883.90
tblWater	IndoorWaterUseRate	26,951,286.94	21,561,029.55
tblWoodstoves	NumberCatalytic	44.70	0.00
tblWoodstoves	NumberCatalytic	12.20	0.00
tblWoodstoves	NumberNoncatalytic	44.70	0.00

## Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

tblWoodstoves	NumberNoncatalytic	12.20	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

**2.0 Emissions Summary**

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Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

**2.1 Overall Construction (Maximum Daily Emission)**

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	4.4167	45.6199	22.6825	0.0401	18.2169	2.3913	20.6082	9.9706	2.2000	12.1706	0.0000	3,945.4647	3,945.4647	1.1961	0.0000	3,972.1021
2020	8.5479	55.8696	64.2033	0.2150	18.2169	2.1984	20.4152	9.9706	2.0225	11.9931	0.0000	21,738.6561	21,738.6561	1.9468	0.0000	21,778.9999
2021	7.8118	50.7522	59.7799	0.2106	12.8268	1.0757	13.9025	3.4425	1.0109	4.4534	0.0000	21,306.5254	21,306.5254	1.5403	0.0000	21,345.0332
2022	7.2262	47.0790	56.2273	0.2061	12.8267	0.9163	13.7430	3.4425	0.8614	4.3039	0.0000	20,850.5666	20,850.5666	1.4739	0.0000	20,887.4130
2023	6.6235	38.9484	52.8026	0.2000	12.8266	0.7824	13.6090	3.4424	0.7352	4.1776	0.0000	20,239.3602	20,239.3602	1.2952	0.0000	20,271.7395
2024	6.2443	37.6805	50.5327	0.1961	12.8266	0.6952	13.5217	3.4424	0.6529	4.0953	0.0000	19,852.9384	19,852.9384	1.2623	0.0000	19,884.4956
2025	5.8872	36.3086	48.1166	0.1917	12.8265	0.6081	13.4346	3.4424	0.5710	4.0134	0.0000	19,419.3811	19,419.3811	1.2286	0.0000	19,450.0966
2026	5.6651	35.9400	46.1102	0.1879	12.8265	0.6059	13.4323	3.4424	0.5689	4.0113	0.0000	19,036.3843	19,036.3843	1.2006	0.0000	19,066.4001
2027	607.1886	8.5993	14.8547	0.0238	2.2088	0.4192	2.2717	0.5859	0.3856	0.6479	0.0000	2,302.9425	2,302.9425	0.7153	0.0000	2,320.8256
<b>Maximum</b>	<b>607.1886</b>	<b>55.8696</b>	<b>64.2033</b>	<b>0.2150</b>	<b>18.2169</b>	<b>2.3913</b>	<b>20.6082</b>	<b>9.9706</b>	<b>2.2000</b>	<b>12.1706</b>	<b>0.0000</b>	<b>21,738.6561</b>	<b>21,738.6561</b>	<b>1.9468</b>	<b>0.0000</b>	<b>21,778.9999</b>



Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, 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	65.5096	18.8786	112.5968	0.1356		3.0636	3.0636		3.0636	3.0636	137.3982	22,712.8194	22,850.2176	1.0214	0.4174	23,000.1209
Energy	2.0415	18.2322	13.1923	0.1114		1.4105	1.4105		1.4105	1.4105		22,270.9909	22,270.9909	0.4269	0.4083	22,403.3363
Mobile	47.5178	408.7863	357.5542	2.1539	173.9537	0.8060	174.7597	46.4947	0.7504	47.2452		222,229.1622	222,229.1622	10.3554		222,488.0476
<b>Total</b>	<b>115.0689</b>	<b>445.8971</b>	<b>483.3432</b>	<b>2.4009</b>	<b>173.9537</b>	<b>5.2801</b>	<b>179.2338</b>	<b>46.4947</b>	<b>5.2245</b>	<b>51.7193</b>	<b>137.3982</b>	<b>267,212.9726</b>	<b>267,350.3707</b>	<b>11.8037</b>	<b>0.8257</b>	<b>267,891.5047</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	65.5096	18.8786	112.5968	0.1356		3.0636	3.0636		3.0636	3.0636	137.3982	22,712.8194	22,850.2176	1.0214	0.4174	23,000.1209
Energy	2.0415	18.2322	13.1923	0.1114		1.4105	1.4105		1.4105	1.4105		22,270.9909	22,270.9909	0.4269	0.4083	22,403.3363
Mobile	44.1392	392.6828	260.6374	1.5547	107.6902	0.5707	108.2610	28.7837	0.5308	29.3145		160,888.8347	160,888.8347	8.9784		161,113.2952
<b>Total</b>	<b>111.6903</b>	<b>429.7937</b>	<b>386.4265</b>	<b>1.8017</b>	<b>107.6902</b>	<b>5.0448</b>	<b>112.7351</b>	<b>28.7837</b>	<b>5.0049</b>	<b>33.7886</b>	<b>137.3982</b>	<b>205,872.6450</b>	<b>206,010.0432</b>	<b>10.4267</b>	<b>0.8257</b>	<b>206,516.7524</b>



## Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, 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	2.94	3.61	20.05	24.96	38.09	4.46	37.10	38.09	4.20	34.67	0.00	22.96	22.94	11.67	0.00	22.91

### 3.0 Construction Detail

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#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	8/2/2019	12/19/2019	5	100	
2	Site Preparation	Site Preparation	12/20/2019	3/12/2020	5	60	
3	Grading	Grading	3/13/2020	10/15/2020	5	155	
4	Building Construction	Building Construction	10/16/2020	9/24/2026	5	1550	
5	Paving	Paving	9/25/2026	2/25/2027	5	110	
6	Architectural Coating	Architectural Coating	2/26/2027	7/29/2027	5	110	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 387.5

Acres of Paving: 0

Residential Indoor: 2,253,825; Residential Outdoor: 751,275; Non-Residential Indoor: 2,062,875; Non-Residential Outdoor: 687,625; Striped Parking Area: 0 (Architectural Coating – sqft)

#### OffRoad Equipment

## Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Excavators	3	8.00	158	0.38
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
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
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
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

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
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	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	1,322.00	352.00	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	1	264.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

**3.2 Demolition - 2019**

**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	3.5134	35.7830	22.0600	0.0388		1.7949	1.7949		1.6697	1.6697		3,816.8994	3,816.8994	1.0618		3,843.4451
<b>Total</b>	<b>3.5134</b>	<b>35.7830</b>	<b>22.0600</b>	<b>0.0388</b>		<b>1.7949</b>	<b>1.7949</b>		<b>1.6697</b>	<b>1.6697</b>		<b>3,816.8994</b>	<b>3,816.8994</b>	<b>1.0618</b>		<b>3,843.4451</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

**3.2 Demolition - 2019**

**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	0.0681	0.0393	0.5163	1.2900e-003	0.1255	8.0000e-004	0.1263	0.0333	7.4000e-004	0.0340		128.5653	128.5653	3.6700e-003		128.6570
<b>Total</b>	<b>0.0681</b>	<b>0.0393</b>	<b>0.5163</b>	<b>1.2900e-003</b>	<b>0.1255</b>	<b>8.0000e-004</b>	<b>0.1263</b>	<b>0.0333</b>	<b>7.4000e-004</b>	<b>0.0340</b>		<b>128.5653</b>	<b>128.5653</b>	<b>3.6700e-003</b>		<b>128.6570</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	3.5134	35.7830	22.0600	0.0388		1.7949	1.7949		1.6697	1.6697	0.0000	3,816.8994	3,816.8994	1.0618		3,843.4451
<b>Total</b>	<b>3.5134</b>	<b>35.7830</b>	<b>22.0600</b>	<b>0.0388</b>		<b>1.7949</b>	<b>1.7949</b>		<b>1.6697</b>	<b>1.6697</b>	<b>0.0000</b>	<b>3,816.8994</b>	<b>3,816.8994</b>	<b>1.0618</b>		<b>3,843.4451</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

**3.2 Demolition - 2019**

**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	0.0681	0.0393	0.5163	1.2900e-003	0.1255	8.0000e-004	0.1263	0.0333	7.4000e-004	0.0340		128.5653	128.5653	3.6700e-003		128.6570
<b>Total</b>	<b>0.0681</b>	<b>0.0393</b>	<b>0.5163</b>	<b>1.2900e-003</b>	<b>0.1255</b>	<b>8.0000e-004</b>	<b>0.1263</b>	<b>0.0333</b>	<b>7.4000e-004</b>	<b>0.0340</b>		<b>128.5653</b>	<b>128.5653</b>	<b>3.6700e-003</b>		<b>128.6570</b>

**3.3 Site Preparation - 2019**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.3350	45.5727	22.0630	0.0380		2.3904	2.3904		2.1991	2.1991		3,766.4529	3,766.4529	1.1917		3,796.2445
<b>Total</b>	<b>4.3350</b>	<b>45.5727</b>	<b>22.0630</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.3904</b>	<b>20.4566</b>	<b>9.9307</b>	<b>2.1991</b>	<b>12.1298</b>		<b>3,766.4529</b>	<b>3,766.4529</b>	<b>1.1917</b>		<b>3,796.2445</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

**3.3 Site Preparation - 2019**

**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	0.0817	0.0471	0.6195	1.5500e-003	0.1506	9.6000e-004	0.1516	0.0400	8.8000e-004	0.0408		154.2784	154.2784	4.4000e-003		154.3884
<b>Total</b>	<b>0.0817</b>	<b>0.0471</b>	<b>0.6195</b>	<b>1.5500e-003</b>	<b>0.1506</b>	<b>9.6000e-004</b>	<b>0.1516</b>	<b>0.0400</b>	<b>8.8000e-004</b>	<b>0.0408</b>		<b>154.2784</b>	<b>154.2784</b>	<b>4.4000e-003</b>		<b>154.3884</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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.3350	45.5727	22.0630	0.0380		2.3904	2.3904		2.1991	2.1991	0.0000	3,766.4529	3,766.4529	1.1917		3,796.2445
<b>Total</b>	<b>4.3350</b>	<b>45.5727</b>	<b>22.0630</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.3904</b>	<b>20.4566</b>	<b>9.9307</b>	<b>2.1991</b>	<b>12.1298</b>	<b>0.0000</b>	<b>3,766.4529</b>	<b>3,766.4529</b>	<b>1.1917</b>		<b>3,796.2445</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

**3.3 Site Preparation - 2019**

**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	0.0817	0.0471	0.6195	1.5500e-003	0.1506	9.6000e-004	0.1516	0.0400	8.8000e-004	0.0408		154.2784	154.2784	4.4000e-003		154.3884
<b>Total</b>	<b>0.0817</b>	<b>0.0471</b>	<b>0.6195</b>	<b>1.5500e-003</b>	<b>0.1506</b>	<b>9.6000e-004</b>	<b>0.1516</b>	<b>0.0400</b>	<b>8.8000e-004</b>	<b>0.0408</b>		<b>154.2784</b>	<b>154.2784</b>	<b>4.4000e-003</b>		<b>154.3884</b>

**3.3 Site Preparation - 2020**

**Unmitigated Construction On-Site**

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

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

**3.3 Site Preparation - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0755	0.0420	0.5620	1.5000e-003	0.1506	9.4000e-004	0.1515	0.0400	8.7000e-004	0.0408		149.4087	149.4087	3.9000e-003		149.5062
<b>Total</b>	<b>0.0755</b>	<b>0.0420</b>	<b>0.5620</b>	<b>1.5000e-003</b>	<b>0.1506</b>	<b>9.4000e-004</b>	<b>0.1515</b>	<b>0.0400</b>	<b>8.7000e-004</b>	<b>0.0408</b>		<b>149.4087</b>	<b>149.4087</b>	<b>3.9000e-003</b>		<b>149.5062</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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975
<b>Total</b>	<b>4.0765</b>	<b>42.4173</b>	<b>21.5136</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.1974</b>	<b>20.2637</b>	<b>9.9307</b>	<b>2.0216</b>	<b>11.9523</b>	<b>0.0000</b>	<b>3,685.1016</b>	<b>3,685.1016</b>	<b>1.1918</b>		<b>3,714.8975</b>



Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

**3.3 Site Preparation - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0755	0.0420	0.5620	1.5000e-003	0.1506	9.4000e-004	0.1515	0.0400	8.7000e-004	0.0408		149.4087	149.4087	3.9000e-003		149.5062
<b>Total</b>	<b>0.0755</b>	<b>0.0420</b>	<b>0.5620</b>	<b>1.5000e-003</b>	<b>0.1506</b>	<b>9.4000e-004</b>	<b>0.1515</b>	<b>0.0400</b>	<b>8.7000e-004</b>	<b>0.0408</b>		<b>149.4087</b>	<b>149.4087</b>	<b>3.9000e-003</b>		<b>149.5062</b>

**3.4 Grading - 2020**

**Unmitigated Construction On-Site**

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

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

**3.4 Grading - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0839	0.0466	0.6244	1.6700e-003	0.1673	1.0400e-003	0.1684	0.0444	9.6000e-004	0.0454		166.0097	166.0097	4.3300e-003		166.1180
<b>Total</b>	<b>0.0839</b>	<b>0.0466</b>	<b>0.6244</b>	<b>1.6700e-003</b>	<b>0.1673</b>	<b>1.0400e-003</b>	<b>0.1684</b>	<b>0.0444</b>	<b>9.6000e-004</b>	<b>0.0454</b>		<b>166.0097</b>	<b>166.0097</b>	<b>4.3300e-003</b>		<b>166.1180</b>

**Mitigated Construction On-Site**

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

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

**3.4 Grading - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0839	0.0466	0.6244	1.6700e-003	0.1673	1.0400e-003	0.1684	0.0444	9.6000e-004	0.0454		166.0097	166.0097	4.3300e-003		166.1180
<b>Total</b>	<b>0.0839</b>	<b>0.0466</b>	<b>0.6244</b>	<b>1.6700e-003</b>	<b>0.1673</b>	<b>1.0400e-003</b>	<b>0.1684</b>	<b>0.0444</b>	<b>9.6000e-004</b>	<b>0.0454</b>		<b>166.0097</b>	<b>166.0097</b>	<b>4.3300e-003</b>		<b>166.1180</b>

**3.5 Building Construction - 2020**

**Unmitigated Construction On-Site**

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

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

**3.5 Building Construction - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.8856	33.6023	6.0804	0.0779	1.7661	0.1635	1.9296	0.5087	0.1564	0.6651		8,212.3555	8,212.3555	0.7045		8,229.9670
Worker	5.5424	3.0812	41.2744	0.1102	11.0608	0.0691	11.1299	2.9338	0.0636	2.9974		10,973.2376	10,973.2376	0.2864		10,980.3985
<b>Total</b>	<b>6.4280</b>	<b>36.6835</b>	<b>47.3548</b>	<b>0.1881</b>	<b>12.8269</b>	<b>0.2326</b>	<b>13.0594</b>	<b>3.4425</b>	<b>0.2200</b>	<b>3.6625</b>		<b>19,185.5931</b>	<b>19,185.5931</b>	<b>0.9909</b>		<b>19,210.3655</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503	0.0000	2,553.0631	2,553.0631	0.6229		2,568.6345
<b>Total</b>	<b>2.1198</b>	<b>19.1860</b>	<b>16.8485</b>	<b>0.0269</b>		<b>1.1171</b>	<b>1.1171</b>		<b>1.0503</b>	<b>1.0503</b>	<b>0.0000</b>	<b>2,553.0631</b>	<b>2,553.0631</b>	<b>0.6229</b>		<b>2,568.6345</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

**3.5 Building Construction - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.8856	33.6023	6.0804	0.0779	1.7661	0.1635	1.9296	0.5087	0.1564	0.6651		8,212.3555	8,212.3555	0.7045		8,229.9670
Worker	5.5424	3.0812	41.2744	0.1102	11.0608	0.0691	11.1299	2.9338	0.0636	2.9974		10,973.2376	10,973.2376	0.2864		10,980.3985
<b>Total</b>	<b>6.4280</b>	<b>36.6835</b>	<b>47.3548</b>	<b>0.1881</b>	<b>12.8269</b>	<b>0.2326</b>	<b>13.0594</b>	<b>3.4425</b>	<b>0.2200</b>	<b>3.6625</b>		<b>19,185.5931</b>	<b>19,185.5931</b>	<b>0.9909</b>		<b>19,210.3655</b>

**3.5 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>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

**3.5 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	0.7531	30.5567	5.3830	0.0772	1.7660	0.0499	1.8159	0.5087	0.0477	0.5564		8,146.7670	8,146.7670	0.6669		8,163.4388
Worker	5.1578	2.7635	37.8217	0.1065	11.0608	0.0672	11.1280	2.9338	0.0619	2.9957		10,606.3945	10,606.3945	0.2574		10,612.8301
<b>Total</b>	<b>5.9109</b>	<b>33.3201</b>	<b>43.2047</b>	<b>0.1837</b>	<b>12.8268</b>	<b>0.1171</b>	<b>12.9439</b>	<b>3.4425</b>	<b>0.1096</b>	<b>3.5521</b>		<b>18,753.1615</b>	<b>18,753.1615</b>	<b>0.9243</b>		<b>18,776.2690</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>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

**3.5 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	0.7531	30.5567	5.3830	0.0772	1.7660	0.0499	1.8159	0.5087	0.0477	0.5564		8,146.7670	8,146.7670	0.6669		8,163.4388
Worker	5.1578	2.7635	37.8217	0.1065	11.0608	0.0672	11.1280	2.9338	0.0619	2.9957		10,606.3945	10,606.3945	0.2574		10,612.8301
<b>Total</b>	<b>5.9109</b>	<b>33.3201</b>	<b>43.2047</b>	<b>0.1837</b>	<b>12.8268</b>	<b>0.1171</b>	<b>12.9439</b>	<b>3.4425</b>	<b>0.1096</b>	<b>3.5521</b>		<b>18,753.1615</b>	<b>18,753.1615</b>	<b>0.9243</b>		<b>18,776.2690</b>

**3.5 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>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

**3.5 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	0.7018	28.9780	5.0022	0.0766	1.7659	0.0418	1.8078	0.5087	0.0400	0.5487		8,077.1810	8,077.1810	0.6308		8,092.9504
Worker	4.8181	2.4854	34.8617	0.1026	11.0608	0.0655	11.1263	2.9338	0.0603	2.9941		10,219.0520	10,219.0520	0.2311		10,224.8304
<b>Total</b>	<b>5.5200</b>	<b>31.4634</b>	<b>39.8639</b>	<b>0.1791</b>	<b>12.8267</b>	<b>0.1073</b>	<b>12.9340</b>	<b>3.4425</b>	<b>0.1003</b>	<b>3.5427</b>		<b>18,296.2330</b>	<b>18,296.2330</b>	<b>0.8619</b>		<b>18,317.7808</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>



Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

**3.5 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	0.7018	28.9780	5.0022	0.0766	1.7659	0.0418	1.8078	0.5087	0.0400	0.5487		8,077.1810	8,077.1810	0.6308		8,092.9504
Worker	4.8181	2.4854	34.8617	0.1026	11.0608	0.0655	11.1263	2.9338	0.0603	2.9941		10,219.0520	10,219.0520	0.2311		10,224.8304
<b>Total</b>	<b>5.5200</b>	<b>31.4634</b>	<b>39.8639</b>	<b>0.1791</b>	<b>12.8267</b>	<b>0.1073</b>	<b>12.9340</b>	<b>3.4425</b>	<b>0.1003</b>	<b>3.5427</b>		<b>18,296.2330</b>	<b>18,296.2330</b>	<b>0.8619</b>		<b>18,317.7808</b>

**3.5 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>		<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.5391	22.3234	4.4050	0.0744	1.7659	0.0187	1.7846	0.5086	0.0179	0.5265		7,853.2658	7,853.2658	0.4799		7,865.2641
Worker	4.5116	2.2401	32.1536	0.0986	11.0608	0.0639	11.1247	2.9338	0.0589	2.9927		9,830.8846	9,830.8846	0.2074		9,836.0693
<b>Total</b>	<b>5.0508</b>	<b>24.5635</b>	<b>36.5586</b>	<b>0.1730</b>	<b>12.8266</b>	<b>0.0826</b>	<b>12.9093</b>	<b>3.4424</b>	<b>0.0767</b>	<b>3.5192</b>		<b>17,684.1503</b>	<b>17,684.1503</b>	<b>0.6873</b>		<b>17,701.3334</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	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>	<b>0.0000</b>	<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

**3.5 Building Construction - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.5391	22.3234	4.4050	0.0744	1.7659	0.0187	1.7846	0.5086	0.0179	0.5265		7,853.2658	7,853.2658	0.4799		7,865.2641
Worker	4.5116	2.2401	32.1536	0.0986	11.0608	0.0639	11.1247	2.9338	0.0589	2.9927		9,830.8846	9,830.8846	0.2074		9,836.0693
<b>Total</b>	<b>5.0508</b>	<b>24.5635</b>	<b>36.5586</b>	<b>0.1730</b>	<b>12.8266</b>	<b>0.0826</b>	<b>12.9093</b>	<b>3.4424</b>	<b>0.0767</b>	<b>3.5192</b>		<b>17,684.1503</b>	<b>17,684.1503</b>	<b>0.6873</b>		<b>17,701.3334</b>

**3.5 Building Construction - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
<b>Total</b>	<b>1.4716</b>	<b>13.4438</b>	<b>16.1668</b>	<b>0.0270</b>		<b>0.6133</b>	<b>0.6133</b>		<b>0.5769</b>	<b>0.5769</b>		<b>2,555.6989</b>	<b>2,555.6989</b>	<b>0.6044</b>		<b>2,570.8077</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

**3.5 Building Construction - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.5273	22.2064	4.2427	0.0740	1.7658	0.0186	1.7844	0.5086	0.0178	0.5264		7,817.3039	7,817.3039	0.4689		7,829.0273
Worker	4.2454	2.0303	30.1232	0.0951	11.0608	0.0633	11.1240	2.9338	0.0582	2.9920		9,479.9357	9,479.9357	0.1890		9,484.6606
<b>Total</b>	<b>4.7727</b>	<b>24.2367</b>	<b>34.3659</b>	<b>0.1691</b>	<b>12.8266</b>	<b>0.0818</b>	<b>12.9084</b>	<b>3.4424</b>	<b>0.0760</b>	<b>3.5184</b>		<b>17,297.2395</b>	<b>17,297.2395</b>	<b>0.6579</b>		<b>17,313.6879</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	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
<b>Total</b>	<b>1.4716</b>	<b>13.4438</b>	<b>16.1668</b>	<b>0.0270</b>		<b>0.6133</b>	<b>0.6133</b>		<b>0.5769</b>	<b>0.5769</b>	<b>0.0000</b>	<b>2,555.6989</b>	<b>2,555.6989</b>	<b>0.6044</b>		<b>2,570.8077</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

**3.5 Building Construction - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.5273	22.2064	4.2427	0.0740	1.7658	0.0186	1.7844	0.5086	0.0178	0.5264		7,817.3039	7,817.3039	0.4689		7,829.0273
Worker	4.2454	2.0303	30.1232	0.0951	11.0608	0.0633	11.1240	2.9338	0.0582	2.9920		9,479.9357	9,479.9357	0.1890		9,484.6606
<b>Total</b>	<b>4.7727</b>	<b>24.2367</b>	<b>34.3659</b>	<b>0.1691</b>	<b>12.8266</b>	<b>0.0818</b>	<b>12.9084</b>	<b>3.4424</b>	<b>0.0760</b>	<b>3.5184</b>		<b>17,297.2395</b>	<b>17,297.2395</b>	<b>0.6579</b>		<b>17,313.6879</b>

**3.5 Building Construction - 2025**

**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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

**3.5 Building Construction - 2025**

**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	0.5132	21.9913	4.0921	0.0735	1.7657	0.0184	1.7841	0.5086	0.0175	0.5261		7,762.744 5	7,762.744 5	0.4564		7,774.155 0
Worker	4.0066	1.8477	27.9398	0.0913	11.0608	0.0621	11.1229	2.9338	0.0572	2.9910		9,100.162 3	9,100.162 3	0.1713		9,104.443 6
<b>Total</b>	<b>4.5198</b>	<b>23.8390</b>	<b>32.0320</b>	<b>0.1648</b>	<b>12.8265</b>	<b>0.0805</b>	<b>12.9070</b>	<b>3.4424</b>	<b>0.0747</b>	<b>3.5171</b>		<b>16,862.90 67</b>	<b>16,862.90 67</b>	<b>0.6277</b>		<b>16,878.59 86</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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

**3.5 Building Construction - 2025**

**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	0.5132	21.9913	4.0921	0.0735	1.7657	0.0184	1.7841	0.5086	0.0175	0.5261		7,762.7445	7,762.7445	0.4564		7,774.1550
Worker	4.0066	1.8477	27.9398	0.0913	11.0608	0.0621	11.1229	2.9338	0.0572	2.9910		9,100.1623	9,100.1623	0.1713		9,104.4436
<b>Total</b>	<b>4.5198</b>	<b>23.8390</b>	<b>32.0320</b>	<b>0.1648</b>	<b>12.8265</b>	<b>0.0805</b>	<b>12.9070</b>	<b>3.4424</b>	<b>0.0747</b>	<b>3.5171</b>		<b>16,862.9067</b>	<b>16,862.9067</b>	<b>0.6277</b>		<b>16,878.5986</b>

**3.5 Building Construction - 2026**

**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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

**3.5 Building Construction - 2026**

**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	0.5009	21.7781	3.9701	0.0730	1.7657	0.0181	1.7838	0.5086	0.0173	0.5259		7,711.3178	7,711.3178	0.4437		7,722.4091
Worker	3.7968	1.6923	26.0554	0.0879	11.0608	0.0602	11.1210	2.9338	0.0554	2.9892		8,768.5921	8,768.5921	0.1560		8,772.4929
<b>Total</b>	<b>4.2977</b>	<b>23.4703</b>	<b>30.0255</b>	<b>0.1609</b>	<b>12.8265</b>	<b>0.0783</b>	<b>12.9048</b>	<b>3.4424</b>	<b>0.0727</b>	<b>3.5151</b>		<b>16,479.9099</b>	<b>16,479.9099</b>	<b>0.5997</b>		<b>16,494.9020</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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>



Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

**3.5 Building Construction - 2026**

**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	0.5009	21.7781	3.9701	0.0730	1.7657	0.0181	1.7838	0.5086	0.0173	0.5259		7,711.3178	7,711.3178	0.4437			7,722.4091
Worker	3.7968	1.6923	26.0554	0.0879	11.0608	0.0602	11.1210	2.9338	0.0554	2.9892		8,768.5921	8,768.5921	0.1560			8,772.4929
<b>Total</b>	<b>4.2977</b>	<b>23.4703</b>	<b>30.0255</b>	<b>0.1609</b>	<b>12.8265</b>	<b>0.0783</b>	<b>12.9048</b>	<b>3.4424</b>	<b>0.0727</b>	<b>3.5151</b>		<b>16,479.9099</b>	<b>16,479.9099</b>	<b>0.5997</b>			<b>16,494.9020</b>

**3.6 Paving - 2026**

**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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137			2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
<b>Total</b>	<b>0.9152</b>	<b>8.5816</b>	<b>14.5780</b>	<b>0.0228</b>		<b>0.4185</b>	<b>0.4185</b>		<b>0.3850</b>	<b>0.3850</b>		<b>2,206.7452</b>	<b>2,206.7452</b>	<b>0.7137</b>			<b>2,224.5878</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

**3.6 Paving - 2026**

**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	0.0431	0.0192	0.2956	1.0000e-003	0.1255	6.8000e-004	0.1262	0.0333	6.3000e-004	0.0339		99.4924	99.4924	1.7700e-003		99.5366
<b>Total</b>	<b>0.0431</b>	<b>0.0192</b>	<b>0.2956</b>	<b>1.0000e-003</b>	<b>0.1255</b>	<b>6.8000e-004</b>	<b>0.1262</b>	<b>0.0333</b>	<b>6.3000e-004</b>	<b>0.0339</b>		<b>99.4924</b>	<b>99.4924</b>	<b>1.7700e-003</b>		<b>99.5366</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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.9152</b>	<b>8.5816</b>	<b>14.5780</b>	<b>0.0228</b>		<b>0.4185</b>	<b>0.4185</b>		<b>0.3850</b>	<b>0.3850</b>	<b>0.0000</b>	<b>2,206.7452</b>	<b>2,206.7452</b>	<b>0.7137</b>		<b>2,224.5878</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

**3.6 Paving - 2026**

**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	0.0431	0.0192	0.2956	1.0000e-003	0.1255	6.8000e-004	0.1262	0.0333	6.3000e-004	0.0339		99.4924	99.4924	1.7700e-003		99.5366
<b>Total</b>	<b>0.0431</b>	<b>0.0192</b>	<b>0.2956</b>	<b>1.0000e-003</b>	<b>0.1255</b>	<b>6.8000e-004</b>	<b>0.1262</b>	<b>0.0333</b>	<b>6.3000e-004</b>	<b>0.0339</b>		<b>99.4924</b>	<b>99.4924</b>	<b>1.7700e-003</b>		<b>99.5366</b>

**3.6 Paving - 2027**

**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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.9152</b>	<b>8.5816</b>	<b>14.5780</b>	<b>0.0228</b>		<b>0.4185</b>	<b>0.4185</b>		<b>0.3850</b>	<b>0.3850</b>		<b>2,206.7452</b>	<b>2,206.7452</b>	<b>0.7137</b>		<b>2,224.5878</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

**3.6 Paving - 2027**

**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	0.0408	0.0176	0.2767	9.6000e-004	0.1255	6.5000e-004	0.1262	0.0333	6.0000e-004	0.0339		96.1974	96.1974	1.6200e-003		96.2378
<b>Total</b>	<b>0.0408</b>	<b>0.0176</b>	<b>0.2767</b>	<b>9.6000e-004</b>	<b>0.1255</b>	<b>6.5000e-004</b>	<b>0.1262</b>	<b>0.0333</b>	<b>6.0000e-004</b>	<b>0.0339</b>		<b>96.1974</b>	<b>96.1974</b>	<b>1.6200e-003</b>		<b>96.2378</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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.9152</b>	<b>8.5816</b>	<b>14.5780</b>	<b>0.0228</b>		<b>0.4185</b>	<b>0.4185</b>		<b>0.3850</b>	<b>0.3850</b>	<b>0.0000</b>	<b>2,206.7452</b>	<b>2,206.7452</b>	<b>0.7137</b>		<b>2,224.5878</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

**3.6 Paving - 2027**

**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	0.0408	0.0176	0.2767	9.6000e-004	0.1255	6.5000e-004	0.1262	0.0333	6.0000e-004	0.0339		96.1974	96.1974	1.6200e-003		96.2378
<b>Total</b>	<b>0.0408</b>	<b>0.0176</b>	<b>0.2767</b>	<b>9.6000e-004</b>	<b>0.1255</b>	<b>6.5000e-004</b>	<b>0.1262</b>	<b>0.0333</b>	<b>6.0000e-004</b>	<b>0.0339</b>		<b>96.1974</b>	<b>96.1974</b>	<b>1.6200e-003</b>		<b>96.2378</b>

**3.7 Architectural Coating - 2027**

**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	606.3001					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
<b>Total</b>	<b>606.4710</b>	<b>1.1455</b>	<b>1.8091</b>	<b>2.9700e-003</b>		<b>0.0515</b>	<b>0.0515</b>		<b>0.0515</b>	<b>0.0515</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

**3.7 Architectural Coating - 2027**

**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	0.7176	0.3103	4.8696	0.0170	2.2088	0.0114	2.2202	0.5859	0.0105	0.5964		1,693.0738	1,693.0738	0.0285		1,693.7852
<b>Total</b>	<b>0.7176</b>	<b>0.3103</b>	<b>4.8696</b>	<b>0.0170</b>	<b>2.2088</b>	<b>0.0114</b>	<b>2.2202</b>	<b>0.5859</b>	<b>0.0105</b>	<b>0.5964</b>		<b>1,693.0738</b>	<b>1,693.0738</b>	<b>0.0285</b>		<b>1,693.7852</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	606.3001					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
<b>Total</b>	<b>606.4710</b>	<b>1.1455</b>	<b>1.8091</b>	<b>2.9700e-003</b>		<b>0.0515</b>	<b>0.0515</b>		<b>0.0515</b>	<b>0.0515</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

**3.7 Architectural Coating - 2027**

**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	0.7176	0.3103	4.8696	0.0170	2.2088	0.0114	2.2202	0.5859	0.0105	0.5964		1,693.0738	1,693.0738	0.0285		1,693.7852
<b>Total</b>	<b>0.7176</b>	<b>0.3103</b>	<b>4.8696</b>	<b>0.0170</b>	<b>2.2088</b>	<b>0.0114</b>	<b>2.2202</b>	<b>0.5859</b>	<b>0.0105</b>	<b>0.5964</b>		<b>1,693.0738</b>	<b>1,693.0738</b>	<b>0.0285</b>		<b>1,693.7852</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

Increase Density

Improve Destination Accessibility

Increase Transit Accessibility

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, 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	44.1392	392.6828	260.6374	1.5547	107.6902	0.5707	108.2610	28.7837	0.5308	29.3145		160,888.8347	160,888.8347	8.9784		161,113.2952
Unmitigated	47.5178	408.7863	357.5542	2.1539	173.9537	0.8060	174.7597	46.4947	0.7504	47.2452		222,229.1622	222,229.1622	10.3554		222,488.0476

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	4,863.36	5,712.66	5238.84	11,270,343	6,977,180
Condo/Townhouse	1,327.36	1,383.48	1180.96	2,940,350	1,820,295
General Office Building	4,870.00	1,230.00	525.00	7,958,819	4,927,100
Government (Civic Center)	809.68	0.00	0.00	1,294,620	801,466
Government Office Building	2,412.55	0.00	0.00	2,578,311	1,596,166
High Turnover (Sit Down Restaurant)	13,730.83	19,384.49	16137.22	11,912,681	7,374,835
Hotel	2,926.00	2,866.50	2082.50	4,153,662	2,571,425
Junior College (2Yr)	3,037.50	1,684.50	181.50	3,984,090	2,466,448
Regional Shopping Center	1,132.80	1,499.10	757.20	1,498,543	927,709
Regional Shopping Center	12,606.18	16,682.48	8426.37	16,676,282	10,323,858
Single Family Housing	476.00	495.50	431.00	1,056,626	654,130
<b>Total</b>	<b>48,192.26</b>	<b>50,938.71</b>	<b>34,960.59</b>	<b>65,324,326</b>	<b>40,440,614</b>

4.3 Trip Type Information



Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	11.00	3.50	4.50	40.20	19.20	40.60	86	11	3
Condo/Townhouse	11.00	3.50	4.50	40.20	19.20	40.60	86	11	3
General Office Building	12.50	4.20	5.40	33.00	48.00	19.00	77	19	4
Government (Civic Center)	12.50	4.20	5.40	75.00	20.00	5.00	50	34	16
Government Office Building	12.50	4.20	5.40	33.00	62.00	5.00	50	34	16
High Turnover (Sit Down	12.50	4.20	5.40	8.50	72.50	19.00	37	20	43
Hotel	12.50	4.20	5.40	19.40	61.60	19.00	58	38	4
Junior College (2Yr)	12.50	4.20	5.40	6.40	88.60	5.00	92	7	1
Regional Shopping Center	12.50	4.20	5.40	16.30	64.70	19.00	54	35	11
Regional Shopping Center	12.50	4.20	5.40	16.30	64.70	19.00	54	35	11
Single Family Housing	11.00	3.50	4.50	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Condo/Townhouse	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
General Office Building	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Government (Civic Center)	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Government Office Building	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
High Turnover (Sit Down Restaurant)	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Hotel	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Junior College (2Yr)	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Regional Shopping Center	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Single Family Housing	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539

5.0 Energy Detail

Historical Energy Use: N

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

**5.1 Mitigation Measures Energy**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	2.0415	18.2322	13.1923	0.1114		1.4105	1.4105		1.4105	1.4105		22,270.9909	22,270.9909	0.4269	0.4083	22,403.3363
NaturalGas Unmitigated	2.0415	18.2322	13.1923	0.1114		1.4105	1.4105		1.4105	1.4105		22,270.9909	22,270.9909	0.4269	0.4083	22,403.3363

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, 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					
Apartments Mid Rise	36235.4	0.3908	3.3393	1.4210	0.0213		0.2700	0.2700		0.2700	0.2700		4,262.9839	4,262.9839	0.0817	0.0782	4,288.3167
Condo/Townhouse	15150.4	0.1634	1.3962	0.5941	8.9100e-003		0.1129	0.1129		0.1129	0.1129		1,782.4017	1,782.4017	0.0342	0.0327	1,792.9936
General Office Building	4753.42	0.0513	0.4660	0.3915	2.8000e-003		0.0354	0.0354		0.0354	0.0354		559.2264	559.2264	0.0107	0.0103	562.5496
Government (Civic Center)	275.699	2.9700e-003	0.0270	0.0227	1.6000e-004		2.0500e-003	2.0500e-003		2.0500e-003	2.0500e-003		32.4351	32.4351	6.2000e-004	5.9000e-004	32.6279
Government Office Building	332.74	3.5900e-003	0.0326	0.0274	2.0000e-004		2.4800e-003	2.4800e-003		2.4800e-003	2.4800e-003		39.1459	39.1459	7.5000e-004	7.2000e-004	39.3785
High Turnover (Sit Down Restaurant)	91696	0.9889	8.9898	7.5514	0.0539		0.6832	0.6832		0.6832	0.6832		10,787.7699	10,787.7699	0.2068	0.1978	10,851.8762
Hotel	28771.9	0.3103	2.8208	2.3695	0.0169		0.2144	0.2144		0.2144	0.2144		3,384.9315	3,384.9315	0.0649	0.0621	3,405.0465
Junior College (2Yr)	5683.56	0.0613	0.5572	0.4681	3.3400e-003		0.0424	0.0424		0.0424	0.0424		668.6543	668.6543	0.0128	0.0123	672.6278
Regional Shopping Center	182.466	1.9700e-003	0.0179	0.0150	1.1000e-004		1.3600e-003	1.3600e-003		1.3600e-003	1.3600e-003		21.4666	21.4666	4.1000e-004	3.9000e-004	21.5941
Regional Shopping Center	2030.54	0.0219	0.1991	0.1672	1.1900e-003		0.0151	0.0151		0.0151	0.0151		238.8870	238.8870	4.5800e-003	4.3800e-003	240.3066
Single Family Housing	4191.25	0.0452	0.3863	0.1644	2.4700e-003		0.0312	0.0312		0.0312	0.0312		493.0886	493.0886	9.4500e-003	9.0400e-003	496.0188
<b>Total</b>		<b>2.0415</b>	<b>18.2322</b>	<b>13.1922</b>	<b>0.1114</b>		<b>1.4105</b>	<b>1.4105</b>		<b>1.4105</b>	<b>1.4105</b>		<b>22,270.9909</b>	<b>22,270.9909</b>	<b>0.4269</b>	<b>0.4083</b>	<b>22,403.3363</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, 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					
Apartments Mid Rise	36.2354	0.3908	3.3393	1.4210	0.0213		0.2700	0.2700		0.2700	0.2700		4,262.9839	4,262.9839	0.0817	0.0782	4,288.3167
Condo/Townhouse	15.1504	0.1634	1.3962	0.5941	8.9100e-003		0.1129	0.1129		0.1129	0.1129		1,782.4017	1,782.4017	0.0342	0.0327	1,792.9936
General Office Building	4.75342	0.0513	0.4660	0.3915	2.8000e-003		0.0354	0.0354		0.0354	0.0354		559.2264	559.2264	0.0107	0.0103	562.5496
Government (Civic Center)	0.275699	2.9700e-003	0.0270	0.0227	1.6000e-004		2.0500e-003	2.0500e-003		2.0500e-003	2.0500e-003		32.4351	32.4351	6.2000e-004	5.9000e-004	32.6279
Government Office Building	0.33274	3.5900e-003	0.0326	0.0274	2.0000e-004		2.4800e-003	2.4800e-003		2.4800e-003	2.4800e-003		39.1459	39.1459	7.5000e-004	7.2000e-004	39.3785
High Turnover (Sit Down Restaurant)	91.696	0.9889	8.9898	7.5514	0.0539		0.6832	0.6832		0.6832	0.6832		10,787.7699	10,787.7699	0.2068	0.1978	10,851.8762
Hotel	28.7719	0.3103	2.8208	2.3695	0.0169		0.2144	0.2144		0.2144	0.2144		3,384.9315	3,384.9315	0.0649	0.0621	3,405.0465
Junior College (2Yr)	5.68356	0.0613	0.5572	0.4681	3.3400e-003		0.0424	0.0424		0.0424	0.0424		668.6543	668.6543	0.0128	0.0123	672.6278
Regional Shopping Center	0.182466	1.9700e-003	0.0179	0.0150	1.1000e-004		1.3600e-003	1.3600e-003		1.3600e-003	1.3600e-003		21.4666	21.4666	4.1000e-004	3.9000e-004	21.5941
Regional Shopping Center	2.03054	0.0219	0.1991	0.1672	1.1900e-003		0.0151	0.0151		0.0151	0.0151		238.8870	238.8870	4.5800e-003	4.3800e-003	240.3066
Single Family Housing	4.19125	0.0452	0.3863	0.1644	2.4700e-003		0.0312	0.0312		0.0312	0.0312		493.0886	493.0886	9.4500e-003	9.0400e-003	496.0188
<b>Total</b>		<b>2.0415</b>	<b>18.2322</b>	<b>13.1922</b>	<b>0.1114</b>		<b>1.4105</b>	<b>1.4105</b>		<b>1.4105</b>	<b>1.4105</b>		<b>22,270.9909</b>	<b>22,270.9909</b>	<b>0.4269</b>	<b>0.4083</b>	<b>22,403.3363</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	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	65.5096	18.8786	112.5968	0.1356		3.0636	3.0636		3.0636	3.0636	137.3982	22,712.8194	22,850.2176	1.0214	0.4174	23,000.1209
Unmitigated	65.5096	18.8786	112.5968	0.1356		3.0636	3.0636		3.0636	3.0636	137.3982	22,712.8194	22,850.2176	1.0214	0.4174	23,000.1209

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

**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	3.6544					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	53.2486					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	5.6721	17.7504	14.7724	0.1305		2.5195	2.5195		2.5195	2.5195	137.3982	22,536.0000	22,673.3982	0.8525	0.4174	22,819.0797
Landscaping	2.9346	1.1282	97.8244	5.1900e-003		0.5441	0.5441		0.5441	0.5441		176.8194	176.8194	0.1689		181.0412
<b>Total</b>	<b>65.5096</b>	<b>18.8786</b>	<b>112.5968</b>	<b>0.1356</b>		<b>3.0636</b>	<b>3.0636</b>		<b>3.0636</b>	<b>3.0636</b>	<b>137.3982</b>	<b>22,712.8194</b>	<b>22,850.2176</b>	<b>1.0214</b>	<b>0.4174</b>	<b>23,000.1209</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, 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	3.6544					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	53.2486					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	5.6721	17.7504	14.7724	0.1305		2.5195	2.5195		2.5195	2.5195	137.3982	22,536.0000	22,673.3982	0.8525	0.4174	22,819.0797
Landscaping	2.9346	1.1282	97.8244	5.1900e-003		0.5441	0.5441		0.5441	0.5441		176.8194	176.8194	0.1689		181.0412
<b>Total</b>	<b>65.5096</b>	<b>18.8786</b>	<b>112.5968</b>	<b>0.1356</b>		<b>3.0636</b>	<b>3.0636</b>		<b>3.0636</b>	<b>3.0636</b>	<b>137.3982</b>	<b>22,712.8194</b>	<b>22,850.2176</b>	<b>1.0214</b>	<b>0.4174</b>	<b>23,000.1209</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

Use Water Efficient Irrigation System

**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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## Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Summer

**10.0 Stationary Equipment**

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**Fire Pumps and Emergency Generators**

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

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

Equipment Type	Number
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**11.0 Vegetation**

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Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

**Indio Downtown Specific Plan Mitigated - Future Conditions  
Riverside-Salton Sea County, Winter**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Regional Shopping Center	30.00	1000sqft	0.69	30,000.00	0
Hotel	350.00	Room	11.67	175,000.00	0
General Office Building	500.00	1000sqft	11.48	500,000.00	0
Regional Shopping Center	333.85	1000sqft	7.66	333,850.00	0
High Turnover (Sit Down Restaurant)	122.40	1000sqft	2.81	122,400.00	0
Government Office Building	35.00	1000sqft	0.80	35,000.00	0
Government (Civic Center)	29.00	1000sqft	0.67	29,000.00	0
Junior College (2Yr)	150.00	1000sqft	3.44	150,000.00	0
Apartments Mid Rise	894.00	Dwelling Unit	23.53	739,200.00	2557
Condo/Townhouse	244.00	Dwelling Unit	15.25	313,800.00	698
Single Family Housing	50.00	Dwelling Unit	16.23	60,000.00	143

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.4	<b>Precipitation Freq (Days)</b>	28
<b>Climate Zone</b>	15			<b>Operational Year</b>	2035
<b>Utility Company</b>	Imperial Irrigation District				
<b>CO2 Intensity (lb/MWhr)</b>	1270.9	<b>CH4 Intensity (lb/MWhr)</b>	0.029	<b>N2O Intensity (lb/MWhr)</b>	0.006

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

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

Project Characteristics - Proposed Buildout Conditions, with measures pursuant to MM AQ-2 incorporated.

Land Use - Government office building is City Hall/Library, Civic Center is Museum/IPAC, hotel and residential square footage adjusted based on average square footage. Approximately 50% of new retail would be restaurant.

Construction Phase - OPERATIONAL ANALYSIS ONLY - CONSTRUCTION INPUTS REMAIN AT DEFAULTS

Off-road Equipment - OPERATIONAL ANALYSIS ONLY - CONSTRUCTION INPUTS REMAIN AT DEFAULTS

Grading - OPERATIONAL ANALYSIS ONLY - CONSTRUCTION INPUTS REMAIN AT DEFAULTS

Demolition - OPERATIONAL ANALYSIS ONLY - CONSTRUCTION INPUTS REMAIN AT DEFAULTS

Trips and VMT - OPERATIONAL ANALYSIS ONLY - CONSTRUCTION INPUTS REMAIN AT DEFAULTS

On-road Fugitive Dust - OPERATIONAL ANALYSIS ONLY - CONSTRUCTION INPUTS REMAIN AT DEFAULTS

Architectural Coating - OPERATIONAL ANALYSIS ONLY - CONSTRUCTION INPUTS REMAIN AT DEFAULTS

Vehicle Trips - Weekday trip rate adjusted per project traffic analysis. Civic use and single family residential trips remain at default.

Woodstoves - New multi-family housing would not have woodstoves or wood fireplaces (per SCAQMD Rule 445). Wood fireplaces added to gas fire places for these land uses.

Area Coating - Low VOC paint pursuant to SCAQMD Rule 1113.

Energy Use - T24 Electricity reduced by 25%, Lighting reduced by 75%. No energy reductions applied to existing SF residences.

Water And Wastewater - 20% reduction applied to indoor water pursuant to part 1.1 CALGreen. No reduction applied to existing SF homes.

Solid Waste - Solid waste reduced by 25% pursuant to AB 341 and MM AQ-2. No reduction applied to existing SF homes.

Mobile Land Use Mitigation - Project would increase overall Plan Area density from approximately 0.63 DU/acre to approximately 10.15 DU/acre. Plan Area is Downtown Indio, adjacent to Indio Bus Station

Area Mitigation -

Energy Mitigation - Energy Efficiency improvements pursuant to Title 24 updates and MM AQ-2 applied to energy/electricity rates.

Water Mitigation - Water efficient irrigation applied pursuant to MM AQ-2, percent reduction remains at default. Indoor water reductions pursuant to CALGreen and MM AQ-2 applied to Operational Water tab.

Waste Mitigation - Solid waste reduction pursuant to AB 342 and MM AQ-2 applied to solid waste generation rates.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	50
tblAreaCoating	Area_EF_Nonresidential_Interior	250	50
tblAreaCoating	Area_EF_Residential_Exterior	250	50
tblAreaCoating	Area_EF_Residential_Interior	250	50

## Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

tblEnergyUse	LightingElect	741.44	1,815.36
tblEnergyUse	LightingElect	1,001.10	250.28
tblEnergyUse	LightingElect	3.66	0.92
tblEnergyUse	LightingElect	3.66	0.92
tblEnergyUse	LightingElect	3.66	0.92
tblEnergyUse	LightingElect	6.62	1.66
tblEnergyUse	LightingElect	5.44	1.36
tblEnergyUse	LightingElect	3.99	1.00
tblEnergyUse	LightingElect	5.61	1.40
tblEnergyUse	T24E	772.17	579.13
tblEnergyUse	T24E	845.95	634.46
tblEnergyUse	T24E	3.07	2.30
tblEnergyUse	T24E	3.07	2.30
tblEnergyUse	T24E	3.07	2.30
tblEnergyUse	T24E	12.38	9.29
tblEnergyUse	T24E	6.47	4.85
tblEnergyUse	T24E	1.97	1.48
tblEnergyUse	T24E	4.58	3.44
tblFireplaces	NumberGas	715.20	804.60
tblFireplaces	NumberGas	195.20	219.60
tblFireplaces	NumberWood	89.40	0.00
tblFireplaces	NumberWood	24.40	0.00
tblLandUse	LandUseSquareFeet	508,200.00	175,000.00
tblLandUse	LandUseSquareFeet	894,000.00	739,200.00
tblLandUse	LandUseSquareFeet	244,000.00	313,800.00
tblLandUse	LandUseSquareFeet	90,000.00	60,000.00
tblSolidWaste	SolidWasteGenerationRate	411.24	308.43

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

tblSolidWaste	SolidWasteGenerationRate	112.24	84.18
tblSolidWaste	SolidWasteGenerationRate	465.00	348.75
tblSolidWaste	SolidWasteGenerationRate	165.30	123.98
tblSolidWaste	SolidWasteGenerationRate	32.55	24.41
tblSolidWaste	SolidWasteGenerationRate	1,456.56	1,092.42
tblSolidWaste	SolidWasteGenerationRate	191.63	143.72
tblSolidWaste	SolidWasteGenerationRate	195.00	146.25
tblSolidWaste	SolidWasteGenerationRate	382.04	286.53
tblVehicleTrips	WD_TR	6.65	5.44
tblVehicleTrips	WD_TR	5.81	5.44
tblVehicleTrips	WD_TR	11.03	9.74
tblVehicleTrips	WD_TR	127.15	112.18
tblVehicleTrips	WD_TR	8.17	8.36
tblVehicleTrips	WD_TR	27.49	20.25
tblVehicleTrips	WD_TR	42.70	37.76
tblWater	IndoorWaterUseRate	58,247,698.91	46,598,159.13
tblWater	IndoorWaterUseRate	15,897,582.25	12,718,065.80
tblWater	IndoorWaterUseRate	88,866,874.00	71,093,499.20
tblWater	IndoorWaterUseRate	5,761,130.89	4,608,904.71
tblWater	IndoorWaterUseRate	6,953,089.01	5,562,471.21
tblWater	IndoorWaterUseRate	37,152,526.40	29,722,021.12
tblWater	IndoorWaterUseRate	8,878,369.50	7,102,695.60
tblWater	IndoorWaterUseRate	7,357,354.88	5,885,883.90
tblWater	IndoorWaterUseRate	26,951,286.94	21,561,029.55
tblWoodstoves	NumberCatalytic	44.70	0.00
tblWoodstoves	NumberCatalytic	12.20	0.00
tblWoodstoves	NumberNoncatalytic	44.70	0.00

## Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

tblWoodstoves	NumberNoncatalytic	12.20	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

**2.0 Emissions Summary**

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Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

**2.1 Overall Construction (Maximum Daily Emission)**

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	4.4130	45.6215	22.5719	0.0400	18.2169	2.3913	20.6082	9.9706	2.2000	12.1706	0.0000	3,932.3016	3,932.3016	1.1955	0.0000	3,958.9277
2020	8.3558	55.6486	57.9045	0.2002	18.2169	2.1984	20.4152	9.9706	2.0225	11.9931	0.0000	20,250.4489	20,250.4489	1.9462	0.0000	20,291.9586
2021	7.6432	50.4594	53.9630	0.1963	12.8268	1.0776	13.9044	3.4425	1.0127	4.4551	0.0000	19,858.4856	19,858.4856	1.5871	0.0000	19,898.1639
2022	7.0825	46.7626	50.8490	0.1921	12.8267	0.9180	13.7447	3.4425	0.8630	4.3055	0.0000	19,443.7321	19,443.7321	1.5207	0.0000	19,481.7496
2023	6.4911	38.6661	47.6042	0.1866	12.8266	0.7831	13.6098	3.4424	0.7359	4.1783	0.0000	18,887.9365	18,887.9365	1.3242	0.0000	18,921.0416
2024	6.1332	37.3946	45.6330	0.1831	12.8266	0.6959	13.5224	3.4424	0.6536	4.0960	0.0000	18,540.7178	18,540.7178	1.2923	0.0000	18,573.0255
2025	5.7935	36.0150	43.5886	0.1792	12.8265	0.6087	13.4352	3.4424	0.5716	4.0140	0.0000	18,151.1043	18,151.1043	1.2594	0.0000	18,182.5883
2026	5.5880	35.6398	41.8979	0.1757	12.8265	0.6065	13.4329	3.4424	0.5695	4.0119	0.0000	17,806.4802	17,806.4802	1.2316	0.0000	17,837.2704
2027	607.1694	8.5998	14.8022	0.0237	2.2088	0.4192	2.2717	0.5859	0.3856	0.6479	0.0000	2,293.0901	2,293.0901	0.7151	0.0000	2,310.9683
<b>Maximum</b>	<b>607.1694</b>	<b>55.6486</b>	<b>57.9045</b>	<b>0.2002</b>	<b>18.2169</b>	<b>2.3913</b>	<b>20.6082</b>	<b>9.9706</b>	<b>2.2000</b>	<b>12.1706</b>	<b>0.0000</b>	<b>20,250.4489</b>	<b>20,250.4489</b>	<b>1.9462</b>	<b>0.0000</b>	<b>20,291.9586</b>



Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, 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	65.5096	18.8786	112.5968	0.1356		3.0636	3.0636		3.0636	3.0636	137.3982	22,712.8194	22,850.2176	1.0214	0.4174	23,000.1209
Energy	2.0415	18.2322	13.1923	0.1114		1.4105	1.4105		1.4105	1.4105		22,270.9909	22,270.9909	0.4269	0.4083	22,403.3363
Mobile	38.8233	399.9437	331.5454	1.9800	173.9537	0.8133	174.7669	46.4947	0.7574	47.2521		204,433.2501	204,433.2501	11.1273		204,711.4327
<b>Total</b>	<b>106.3744</b>	<b>437.0546</b>	<b>457.3344</b>	<b>2.2270</b>	<b>173.9537</b>	<b>5.2874</b>	<b>179.2410</b>	<b>46.4947</b>	<b>5.2315</b>	<b>51.7262</b>	<b>137.3982</b>	<b>249,417.0604</b>	<b>249,554.4586</b>	<b>12.5755</b>	<b>0.8257</b>	<b>250,114.8899</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	65.5096	18.8786	112.5968	0.1356		3.0636	3.0636		3.0636	3.0636	137.3982	22,712.8194	22,850.2176	1.0214	0.4174	23,000.1209
Energy	2.0415	18.2322	13.1923	0.1114		1.4105	1.4105		1.4105	1.4105		22,270.9909	22,270.9909	0.4269	0.4083	22,403.3363
Mobile	35.5822	382.9964	253.2417	1.4205	107.6902	0.5780	108.2682	28.7837	0.5377	29.3214		147,048.3584	147,048.3584	9.8065		147,293.5219
<b>Total</b>	<b>103.1333</b>	<b>420.1073</b>	<b>379.0307</b>	<b>1.6675</b>	<b>107.6902</b>	<b>5.0521</b>	<b>112.7423</b>	<b>28.7837</b>	<b>5.0118</b>	<b>33.7955</b>	<b>137.3982</b>	<b>192,032.1687</b>	<b>192,169.5668</b>	<b>11.2548</b>	<b>0.8257</b>	<b>192,696.9791</b>



## Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, 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	3.05	3.88	17.12	25.12	38.09	4.45	37.10	38.09	4.20	34.66	0.00	23.01	22.99	10.50	0.00	22.96

### 3.0 Construction Detail

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#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	8/2/2019	12/19/2019	5	100	
2	Site Preparation	Site Preparation	12/20/2019	3/12/2020	5	60	
3	Grading	Grading	3/13/2020	10/15/2020	5	155	
4	Building Construction	Building Construction	10/16/2020	9/24/2026	5	1550	
5	Paving	Paving	9/25/2026	2/25/2027	5	110	
6	Architectural Coating	Architectural Coating	2/26/2027	7/29/2027	5	110	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 387.5

Acres of Paving: 0

Residential Indoor: 2,253,825; Residential Outdoor: 751,275; Non-Residential Indoor: 2,062,875; Non-Residential Outdoor: 687,625; Striped Parking Area: 0 (Architectural Coating – sqft)

#### OffRoad Equipment

## Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Excavators	3	8.00	158	0.38
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
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
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
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

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
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	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	1,322.00	352.00	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	1	264.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

**3.2 Demolition - 2019**

**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	3.5134	35.7830	22.0600	0.0388		1.7949	1.7949		1.6697	1.6697		3,816.8994	3,816.8994	1.0618		3,843.4451
<b>Total</b>	<b>3.5134</b>	<b>35.7830</b>	<b>22.0600</b>	<b>0.0388</b>		<b>1.7949</b>	<b>1.7949</b>		<b>1.6697</b>	<b>1.6697</b>		<b>3,816.8994</b>	<b>3,816.8994</b>	<b>1.0618</b>		<b>3,843.4451</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

**3.2 Demolition - 2019**

**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	0.0650	0.0407	0.4241	1.1600e-003	0.1255	8.0000e-004	0.1263	0.0333	7.4000e-004	0.0340		115.4022	115.4022	3.2100e-003		115.4826
<b>Total</b>	<b>0.0650</b>	<b>0.0407</b>	<b>0.4241</b>	<b>1.1600e-003</b>	<b>0.1255</b>	<b>8.0000e-004</b>	<b>0.1263</b>	<b>0.0333</b>	<b>7.4000e-004</b>	<b>0.0340</b>		<b>115.4022</b>	<b>115.4022</b>	<b>3.2100e-003</b>		<b>115.4826</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	3.5134	35.7830	22.0600	0.0388		1.7949	1.7949		1.6697	1.6697	0.0000	3,816.8994	3,816.8994	1.0618		3,843.4451
<b>Total</b>	<b>3.5134</b>	<b>35.7830</b>	<b>22.0600</b>	<b>0.0388</b>		<b>1.7949</b>	<b>1.7949</b>		<b>1.6697</b>	<b>1.6697</b>	<b>0.0000</b>	<b>3,816.8994</b>	<b>3,816.8994</b>	<b>1.0618</b>		<b>3,843.4451</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

**3.2 Demolition - 2019**

**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	0.0650	0.0407	0.4241	1.1600e-003	0.1255	8.0000e-004	0.1263	0.0333	7.4000e-004	0.0340		115.4022	115.4022	3.2100e-003		115.4826
<b>Total</b>	<b>0.0650</b>	<b>0.0407</b>	<b>0.4241</b>	<b>1.1600e-003</b>	<b>0.1255</b>	<b>8.0000e-004</b>	<b>0.1263</b>	<b>0.0333</b>	<b>7.4000e-004</b>	<b>0.0340</b>		<b>115.4022</b>	<b>115.4022</b>	<b>3.2100e-003</b>		<b>115.4826</b>

**3.3 Site Preparation - 2019**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.3350	45.5727	22.0630	0.0380		2.3904	2.3904		2.1991	2.1991		3,766.4529	3,766.4529	1.1917		3,796.2445
<b>Total</b>	<b>4.3350</b>	<b>45.5727</b>	<b>22.0630</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.3904</b>	<b>20.4566</b>	<b>9.9307</b>	<b>2.1991</b>	<b>12.1298</b>		<b>3,766.4529</b>	<b>3,766.4529</b>	<b>1.1917</b>		<b>3,796.2445</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

**3.3 Site Preparation - 2019**

**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	0.0780	0.0488	0.5089	1.3900e-003	0.1506	9.6000e-004	0.1516	0.0400	8.8000e-004	0.0408		138.4827	138.4827	3.8600e-003		138.5791
<b>Total</b>	<b>0.0780</b>	<b>0.0488</b>	<b>0.5089</b>	<b>1.3900e-003</b>	<b>0.1506</b>	<b>9.6000e-004</b>	<b>0.1516</b>	<b>0.0400</b>	<b>8.8000e-004</b>	<b>0.0408</b>		<b>138.4827</b>	<b>138.4827</b>	<b>3.8600e-003</b>		<b>138.5791</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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.3350	45.5727	22.0630	0.0380		2.3904	2.3904		2.1991	2.1991	0.0000	3,766.4529	3,766.4529	1.1917		3,796.2445
<b>Total</b>	<b>4.3350</b>	<b>45.5727</b>	<b>22.0630</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.3904</b>	<b>20.4566</b>	<b>9.9307</b>	<b>2.1991</b>	<b>12.1298</b>	<b>0.0000</b>	<b>3,766.4529</b>	<b>3,766.4529</b>	<b>1.1917</b>		<b>3,796.2445</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

**3.3 Site Preparation - 2019**

**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	0.0780	0.0488	0.5089	1.3900e-003	0.1506	9.6000e-004	0.1516	0.0400	8.8000e-004	0.0408		138.4827	138.4827	3.8600e-003		138.5791
<b>Total</b>	<b>0.0780</b>	<b>0.0488</b>	<b>0.5089</b>	<b>1.3900e-003</b>	<b>0.1506</b>	<b>9.6000e-004</b>	<b>0.1516</b>	<b>0.0400</b>	<b>8.8000e-004</b>	<b>0.0408</b>		<b>138.4827</b>	<b>138.4827</b>	<b>3.8600e-003</b>		<b>138.5791</b>

**3.3 Site Preparation - 2020**

**Unmitigated Construction On-Site**

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

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

**3.3 Site Preparation - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0721	0.0434	0.4607	1.3500e-003	0.1506	9.4000e-004	0.1515	0.0400	8.7000e-004	0.0408		134.1053	134.1053	3.4200e-003		134.1907
<b>Total</b>	<b>0.0721</b>	<b>0.0434</b>	<b>0.4607</b>	<b>1.3500e-003</b>	<b>0.1506</b>	<b>9.4000e-004</b>	<b>0.1515</b>	<b>0.0400</b>	<b>8.7000e-004</b>	<b>0.0408</b>		<b>134.1053</b>	<b>134.1053</b>	<b>3.4200e-003</b>		<b>134.1907</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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975
<b>Total</b>	<b>4.0765</b>	<b>42.4173</b>	<b>21.5136</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.1974</b>	<b>20.2637</b>	<b>9.9307</b>	<b>2.0216</b>	<b>11.9523</b>	<b>0.0000</b>	<b>3,685.1016</b>	<b>3,685.1016</b>	<b>1.1918</b>		<b>3,714.8975</b>



Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

**3.3 Site Preparation - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0721	0.0434	0.4607	1.3500e-003	0.1506	9.4000e-004	0.1515	0.0400	8.7000e-004	0.0408		134.1053	134.1053	3.4200e-003		134.1907
<b>Total</b>	<b>0.0721</b>	<b>0.0434</b>	<b>0.4607</b>	<b>1.3500e-003</b>	<b>0.1506</b>	<b>9.4000e-004</b>	<b>0.1515</b>	<b>0.0400</b>	<b>8.7000e-004</b>	<b>0.0408</b>		<b>134.1053</b>	<b>134.1053</b>	<b>3.4200e-003</b>		<b>134.1907</b>

**3.4 Grading - 2020**

**Unmitigated Construction On-Site**

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

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

**3.4 Grading - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0801	0.0482	0.5119	1.5000e-003	0.1673	1.0400e-003	0.1684	0.0444	9.6000e-004	0.0454		149.0058	149.0058	3.8000e-003		149.1008
<b>Total</b>	<b>0.0801</b>	<b>0.0482</b>	<b>0.5119</b>	<b>1.5000e-003</b>	<b>0.1673</b>	<b>1.0400e-003</b>	<b>0.1684</b>	<b>0.0444</b>	<b>9.6000e-004</b>	<b>0.0454</b>		<b>149.0058</b>	<b>149.0058</b>	<b>3.8000e-003</b>		<b>149.1008</b>

**Mitigated Construction On-Site**

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

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

**3.4 Grading - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0801	0.0482	0.5119	1.5000e-003	0.1673	1.0400e-003	0.1684	0.0444	9.6000e-004	0.0454		149.0058	149.0058	3.8000e-003		149.1008
<b>Total</b>	<b>0.0801</b>	<b>0.0482</b>	<b>0.5119</b>	<b>1.5000e-003</b>	<b>0.1673</b>	<b>1.0400e-003</b>	<b>0.1684</b>	<b>0.0444</b>	<b>9.6000e-004</b>	<b>0.0454</b>		<b>149.0058</b>	<b>149.0058</b>	<b>3.8000e-003</b>		<b>149.1008</b>

**3.5 Building Construction - 2020**

**Unmitigated Construction On-Site**

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

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

**3.5 Building Construction - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.9389	33.2748	7.2178	0.0745	1.7661	0.1659	1.9320	0.5087	0.1587	0.6674		7,848.100 2	7,848.100 2	0.7865		7,867.763 5
Worker	5.2971	3.1878	33.8382	0.0989	11.0608	0.0691	11.1299	2.9338	0.0636	2.9974		9,849.285 6	9,849.285 6	0.2510		9,855.560 6
<b>Total</b>	<b>6.2360</b>	<b>36.4626</b>	<b>41.0560</b>	<b>0.1733</b>	<b>12.8269</b>	<b>0.2350</b>	<b>13.0618</b>	<b>3.4425</b>	<b>0.2223</b>	<b>3.6648</b>		<b>17,697.38 58</b>	<b>17,697.38 58</b>	<b>1.0375</b>		<b>17,723.32 41</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503	0.0000	2,553.063 1	2,553.063 1	0.6229		2,568.634 5
<b>Total</b>	<b>2.1198</b>	<b>19.1860</b>	<b>16.8485</b>	<b>0.0269</b>		<b>1.1171</b>	<b>1.1171</b>		<b>1.0503</b>	<b>1.0503</b>	<b>0.0000</b>	<b>2,553.063 1</b>	<b>2,553.063 1</b>	<b>0.6229</b>		<b>2,568.634 5</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

**3.5 Building Construction - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.9389	33.2748	7.2178	0.0745	1.7661	0.1659	1.9320	0.5087	0.1587	0.6674		7,848.100 2	7,848.100 2	0.7865		7,867.763 5
Worker	5.2971	3.1878	33.8382	0.0989	11.0608	0.0691	11.1299	2.9338	0.0636	2.9974		9,849.285 6	9,849.285 6	0.2510		9,855.560 6
<b>Total</b>	<b>6.2360</b>	<b>36.4626</b>	<b>41.0560</b>	<b>0.1733</b>	<b>12.8269</b>	<b>0.2350</b>	<b>13.0618</b>	<b>3.4425</b>	<b>0.2223</b>	<b>3.6648</b>		<b>17,697.38 58</b>	<b>17,697.38 58</b>	<b>1.0375</b>		<b>17,723.32 41</b>

**3.5 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>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

**3.5 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	0.8036	30.1691	6.4506	0.0738	1.7660	0.0518	1.8178	0.5087	0.0495	0.5582		7,784.9883	7,784.9883	0.7456		7,803.6270
Worker	4.9387	2.8581	30.9371	0.0955	11.0608	0.0672	11.1280	2.9338	0.0619	2.9957		9,520.1333	9,520.1333	0.2256		9,525.7727
<b>Total</b>	<b>5.7423</b>	<b>33.0273</b>	<b>37.3878</b>	<b>0.1694</b>	<b>12.8268</b>	<b>0.1190</b>	<b>12.9458</b>	<b>3.4425</b>	<b>0.1114</b>	<b>3.5539</b>		<b>17,305.1217</b>	<b>17,305.1217</b>	<b>0.9711</b>		<b>17,329.3996</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>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

**3.5 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	0.8036	30.1691	6.4506	0.0738	1.7660	0.0518	1.8178	0.5087	0.0495	0.5582		7,784.9883	7,784.9883	0.7456		7,803.6270
Worker	4.9387	2.8581	30.9371	0.0955	11.0608	0.0672	11.1280	2.9338	0.0619	2.9957		9,520.1333	9,520.1333	0.2256		9,525.7727
<b>Total</b>	<b>5.7423</b>	<b>33.0273</b>	<b>37.3878</b>	<b>0.1694</b>	<b>12.8268</b>	<b>0.1190</b>	<b>12.9458</b>	<b>3.4425</b>	<b>0.1114</b>	<b>3.5539</b>		<b>17,305.1217</b>	<b>17,305.1217</b>	<b>0.9711</b>		<b>17,329.3996</b>

**3.5 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>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

**3.5 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	0.7501	28.5773	6.0181	0.0732	1.7659	0.0435	1.8094	0.5087	0.0416	0.5503		7,716.4500	7,716.4500	0.7060		7,734.1004
Worker	4.6262	2.5696	28.4675	0.0920	11.0608	0.0655	11.1263	2.9338	0.0603	2.9941		9,172.9486	9,172.9486	0.2027		9,178.0170
<b>Total</b>	<b>5.3763</b>	<b>31.1469</b>	<b>34.4856</b>	<b>0.1652</b>	<b>12.8267</b>	<b>0.1090</b>	<b>12.9357</b>	<b>3.4425</b>	<b>0.1019</b>	<b>3.5443</b>		<b>16,889.3986</b>	<b>16,889.3986</b>	<b>0.9088</b>		<b>16,912.1174</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>



Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

**3.5 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	0.7501	28.5773	6.0181	0.0732	1.7659	0.0435	1.8094	0.5087	0.0416	0.5503		7,716.4500	7,716.4500	0.7060		7,734.1004
Worker	4.6262	2.5696	28.4675	0.0920	11.0608	0.0655	11.1263	2.9338	0.0603	2.9941		9,172.9486	9,172.9486	0.2027		9,178.0170
<b>Total</b>	<b>5.3763</b>	<b>31.1469</b>	<b>34.4856</b>	<b>0.1652</b>	<b>12.8267</b>	<b>0.1090</b>	<b>12.9357</b>	<b>3.4425</b>	<b>0.1019</b>	<b>3.5443</b>		<b>16,889.3986</b>	<b>16,889.3986</b>	<b>0.9088</b>		<b>16,912.1174</b>

**3.5 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>		<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.5736	21.9662	5.1465	0.0711	1.7659	0.0195	1.7853	0.5086	0.0186	0.5272		7,507.7105	7,507.7105	0.5342		7,521.0660
Worker	4.3447	2.3149	26.2137	0.0885	11.0608	0.0639	11.1247	2.9338	0.0589	2.9927		8,825.0161	8,825.0161	0.1821		8,829.5695
<b>Total</b>	<b>4.9183</b>	<b>24.2812</b>	<b>31.3602</b>	<b>0.1597</b>	<b>12.8266</b>	<b>0.0834</b>	<b>12.9101</b>	<b>3.4424</b>	<b>0.0775</b>	<b>3.5199</b>		<b>16,332.7266</b>	<b>16,332.7266</b>	<b>0.7164</b>		<b>16,350.6355</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	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>	<b>0.0000</b>	<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

**3.5 Building Construction - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.5736	21.9662	5.1465	0.0711	1.7659	0.0195	1.7853	0.5086	0.0186	0.5272		7,507.7105	7,507.7105	0.5342		7,521.0660
Worker	4.3447	2.3149	26.2137	0.0885	11.0608	0.0639	11.1247	2.9338	0.0589	2.9927		8,825.0161	8,825.0161	0.1821		8,829.5695
<b>Total</b>	<b>4.9183</b>	<b>24.2812</b>	<b>31.3602</b>	<b>0.1597</b>	<b>12.8266</b>	<b>0.0834</b>	<b>12.9101</b>	<b>3.4424</b>	<b>0.0775</b>	<b>3.5199</b>		<b>16,332.7266</b>	<b>16,332.7266</b>	<b>0.7164</b>		<b>16,350.6355</b>

**3.5 Building Construction - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
<b>Total</b>	<b>1.4716</b>	<b>13.4438</b>	<b>16.1668</b>	<b>0.0270</b>		<b>0.6133</b>	<b>0.6133</b>		<b>0.5769</b>	<b>0.5769</b>		<b>2,555.6989</b>	<b>2,555.6989</b>	<b>0.6044</b>		<b>2,570.8077</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

**3.5 Building Construction - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.5612	21.8537	4.9690	0.0708	1.7658	0.0193	1.7851	0.5086	0.0184	0.5270		7,476.3379	7,476.3379	0.5219		7,489.3863
Worker	4.1004	2.0971	24.4973	0.0853	11.0608	0.0633	11.1240	2.9338	0.0582	2.9920		8,508.6810	8,508.6810	0.1660		8,512.8315
<b>Total</b>	<b>4.6616</b>	<b>23.9508</b>	<b>29.4662</b>	<b>0.1561</b>	<b>12.8266</b>	<b>0.0826</b>	<b>12.9091</b>	<b>3.4424</b>	<b>0.0767</b>	<b>3.5191</b>		<b>15,985.0189</b>	<b>15,985.0189</b>	<b>0.6880</b>		<b>16,002.2178</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	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
<b>Total</b>	<b>1.4716</b>	<b>13.4438</b>	<b>16.1668</b>	<b>0.0270</b>		<b>0.6133</b>	<b>0.6133</b>		<b>0.5769</b>	<b>0.5769</b>	<b>0.0000</b>	<b>2,555.6989</b>	<b>2,555.6989</b>	<b>0.6044</b>		<b>2,570.8077</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

**3.5 Building Construction - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.5612	21.8537	4.9690	0.0708	1.7658	0.0193	1.7851	0.5086	0.0184	0.5270		7,476.3379	7,476.3379	0.5219		7,489.3863
Worker	4.1004	2.0971	24.4973	0.0853	11.0608	0.0633	11.1240	2.9338	0.0582	2.9920		8,508.6810	8,508.6810	0.1660		8,512.8315
<b>Total</b>	<b>4.6616</b>	<b>23.9508</b>	<b>29.4662</b>	<b>0.1561</b>	<b>12.8266</b>	<b>0.0826</b>	<b>12.9091</b>	<b>3.4424</b>	<b>0.0767</b>	<b>3.5191</b>		<b>15,985.0189</b>	<b>15,985.0189</b>	<b>0.6880</b>		<b>16,002.2178</b>

**3.5 Building Construction - 2025**

**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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

**3.5 Building Construction - 2025**

**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	0.5466	21.6375	4.8057	0.0703	1.7657	0.0190	1.7847	0.5086	0.0182	0.5267		7,426.2940	7,426.2940	0.5079		7,438.9912
Worker	3.8795	1.9078	22.6982	0.0819	11.0608	0.0621	11.1229	2.9338	0.0572	2.9910		8,168.3359	8,168.3359	0.1505		8,172.0990
<b>Total</b>	<b>4.4261</b>	<b>23.5453</b>	<b>27.5040</b>	<b>0.1522</b>	<b>12.8265</b>	<b>0.0811</b>	<b>12.9077</b>	<b>3.4424</b>	<b>0.0753</b>	<b>3.5177</b>		<b>15,594.6299</b>	<b>15,594.6299</b>	<b>0.6584</b>		<b>15,611.0902</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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

**3.5 Building Construction - 2025**

**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	0.5466	21.6375	4.8057	0.0703	1.7657	0.0190	1.7847	0.5086	0.0182	0.5267		7,426.2940	7,426.2940	0.5079		7,438.9912
Worker	3.8795	1.9078	22.6982	0.0819	11.0608	0.0621	11.1229	2.9338	0.0572	2.9910		8,168.3359	8,168.3359	0.1505		8,172.0990
<b>Total</b>	<b>4.4261</b>	<b>23.5453</b>	<b>27.5040</b>	<b>0.1522</b>	<b>12.8265</b>	<b>0.0811</b>	<b>12.9077</b>	<b>3.4424</b>	<b>0.0753</b>	<b>3.5177</b>		<b>15,594.6299</b>	<b>15,594.6299</b>	<b>0.6584</b>		<b>15,611.0902</b>

**3.5 Building Construction - 2026**

**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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

**3.5 Building Construction - 2026**

**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	0.5340	21.4234	4.6728	0.0699	1.7657	0.0187	1.7844	0.5086	0.0179	0.5264		7,379.171 2	7,379.171 2	0.4935		7,391.508 7
Worker	3.6866	1.7467	21.1404	0.0789	11.0608	0.0602	11.1210	2.9338	0.0554	2.9892		7,870.834 6	7,870.834 6	0.1372		7,874.263 6
<b>Total</b>	<b>4.2206</b>	<b>23.1701</b>	<b>25.8132</b>	<b>0.1488</b>	<b>12.8265</b>	<b>0.0789</b>	<b>12.9054</b>	<b>3.4424</b>	<b>0.0733</b>	<b>3.5156</b>		<b>15,250.00 58</b>	<b>15,250.00 58</b>	<b>0.6307</b>		<b>15,265.77 23</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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>



Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

**3.5 Building Construction - 2026**

**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	0.5340	21.4234	4.6728	0.0699	1.7657	0.0187	1.7844	0.5086	0.0179	0.5264		7,379.1712	7,379.1712	0.4935		7,391.5087
Worker	3.6866	1.7467	21.1404	0.0789	11.0608	0.0602	11.1210	2.9338	0.0554	2.9892		7,870.8346	7,870.8346	0.1372		7,874.2636
<b>Total</b>	<b>4.2206</b>	<b>23.1701</b>	<b>25.8132</b>	<b>0.1488</b>	<b>12.8265</b>	<b>0.0789</b>	<b>12.9054</b>	<b>3.4424</b>	<b>0.0733</b>	<b>3.5156</b>		<b>15,250.0058</b>	<b>15,250.0058</b>	<b>0.6307</b>		<b>15,265.7723</b>

**3.6 Paving - 2026**

**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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.9152</b>	<b>8.5816</b>	<b>14.5780</b>	<b>0.0228</b>		<b>0.4185</b>	<b>0.4185</b>		<b>0.3850</b>	<b>0.3850</b>		<b>2,206.7452</b>	<b>2,206.7452</b>	<b>0.7137</b>		<b>2,224.5878</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

**3.6 Paving - 2026**

**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	0.0418	0.0198	0.2399	9.0000e-004	0.1255	6.8000e-004	0.1262	0.0333	6.3000e-004	0.0339		89.3060	89.3060	1.5600e-003		89.3449
<b>Total</b>	<b>0.0418</b>	<b>0.0198</b>	<b>0.2399</b>	<b>9.0000e-004</b>	<b>0.1255</b>	<b>6.8000e-004</b>	<b>0.1262</b>	<b>0.0333</b>	<b>6.3000e-004</b>	<b>0.0339</b>		<b>89.3060</b>	<b>89.3060</b>	<b>1.5600e-003</b>		<b>89.3449</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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.9152</b>	<b>8.5816</b>	<b>14.5780</b>	<b>0.0228</b>		<b>0.4185</b>	<b>0.4185</b>		<b>0.3850</b>	<b>0.3850</b>	<b>0.0000</b>	<b>2,206.7452</b>	<b>2,206.7452</b>	<b>0.7137</b>		<b>2,224.5878</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

**3.6 Paving - 2026**

**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	0.0418	0.0198	0.2399	9.0000e-004	0.1255	6.8000e-004	0.1262	0.0333	6.3000e-004	0.0339		89.3060	89.3060	1.5600e-003		89.3449
<b>Total</b>	<b>0.0418</b>	<b>0.0198</b>	<b>0.2399</b>	<b>9.0000e-004</b>	<b>0.1255</b>	<b>6.8000e-004</b>	<b>0.1262</b>	<b>0.0333</b>	<b>6.3000e-004</b>	<b>0.0339</b>		<b>89.3060</b>	<b>89.3060</b>	<b>1.5600e-003</b>		<b>89.3449</b>

**3.6 Paving - 2027**

**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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.9152</b>	<b>8.5816</b>	<b>14.5780</b>	<b>0.0228</b>		<b>0.4185</b>	<b>0.4185</b>		<b>0.3850</b>	<b>0.3850</b>		<b>2,206.7452</b>	<b>2,206.7452</b>	<b>0.7137</b>		<b>2,224.5878</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

**3.6 Paving - 2027**

**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	0.0397	0.0182	0.2242	8.7000e-004	0.1255	6.5000e-004	0.1262	0.0333	6.0000e-004	0.0339		86.3450	86.3450	1.4200e-003		86.3805
<b>Total</b>	<b>0.0397</b>	<b>0.0182</b>	<b>0.2242</b>	<b>8.7000e-004</b>	<b>0.1255</b>	<b>6.5000e-004</b>	<b>0.1262</b>	<b>0.0333</b>	<b>6.0000e-004</b>	<b>0.0339</b>		<b>86.3450</b>	<b>86.3450</b>	<b>1.4200e-003</b>		<b>86.3805</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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.9152</b>	<b>8.5816</b>	<b>14.5780</b>	<b>0.0228</b>		<b>0.4185</b>	<b>0.4185</b>		<b>0.3850</b>	<b>0.3850</b>	<b>0.0000</b>	<b>2,206.7452</b>	<b>2,206.7452</b>	<b>0.7137</b>		<b>2,224.5878</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

**3.6 Paving - 2027**

**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	0.0397	0.0182	0.2242	8.7000e-004	0.1255	6.5000e-004	0.1262	0.0333	6.0000e-004	0.0339		86.3450	86.3450	1.4200e-003		86.3805
<b>Total</b>	<b>0.0397</b>	<b>0.0182</b>	<b>0.2242</b>	<b>8.7000e-004</b>	<b>0.1255</b>	<b>6.5000e-004</b>	<b>0.1262</b>	<b>0.0333</b>	<b>6.0000e-004</b>	<b>0.0339</b>		<b>86.3450</b>	<b>86.3450</b>	<b>1.4200e-003</b>		<b>86.3805</b>

**3.7 Architectural Coating - 2027**

**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	606.3001					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
<b>Total</b>	<b>606.4710</b>	<b>1.1455</b>	<b>1.8091</b>	<b>2.9700e-003</b>		<b>0.0515</b>	<b>0.0515</b>		<b>0.0515</b>	<b>0.0515</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

**3.7 Architectural Coating - 2027**

**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	0.6984	0.3202	3.9457	0.0152	2.2088	0.0114	2.2202	0.5859	0.0105	0.5964		1,519.6718	1,519.6718	0.0250		1,520.2972
<b>Total</b>	<b>0.6984</b>	<b>0.3202</b>	<b>3.9457</b>	<b>0.0152</b>	<b>2.2088</b>	<b>0.0114</b>	<b>2.2202</b>	<b>0.5859</b>	<b>0.0105</b>	<b>0.5964</b>		<b>1,519.6718</b>	<b>1,519.6718</b>	<b>0.0250</b>		<b>1,520.2972</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	606.3001					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
<b>Total</b>	<b>606.4710</b>	<b>1.1455</b>	<b>1.8091</b>	<b>2.9700e-003</b>		<b>0.0515</b>	<b>0.0515</b>		<b>0.0515</b>	<b>0.0515</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

**3.7 Architectural Coating - 2027**

**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	0.6984	0.3202	3.9457	0.0152	2.2088	0.0114	2.2202	0.5859	0.0105	0.5964		1,519.6718	1,519.6718	0.0250		1,520.2972
<b>Total</b>	<b>0.6984</b>	<b>0.3202</b>	<b>3.9457</b>	<b>0.0152</b>	<b>2.2088</b>	<b>0.0114</b>	<b>2.2202</b>	<b>0.5859</b>	<b>0.0105</b>	<b>0.5964</b>		<b>1,519.6718</b>	<b>1,519.6718</b>	<b>0.0250</b>		<b>1,520.2972</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

Increase Density

Improve Destination Accessibility

Increase Transit Accessibility

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, 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	35.5822	382.9964	253.2417	1.4205	107.6902	0.5780	108.2682	28.7837	0.5377	29.3214		147,048.3584	147,048.3584	9.8065		147,293.5219
Unmitigated	38.8233	399.9437	331.5454	1.9800	173.9537	0.8133	174.7669	46.4947	0.7574	47.2521		204,433.2501	204,433.2501	11.1273		204,711.4327

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	4,863.36	5,712.66	5238.84	11,270,343	6,977,180
Condo/Townhouse	1,327.36	1,383.48	1180.96	2,940,350	1,820,295
General Office Building	4,870.00	1,230.00	525.00	7,958,819	4,927,100
Government (Civic Center)	809.68	0.00	0.00	1,294,620	801,466
Government Office Building	2,412.55	0.00	0.00	2,578,311	1,596,166
High Turnover (Sit Down Restaurant)	13,730.83	19,384.49	16137.22	11,912,681	7,374,835
Hotel	2,926.00	2,866.50	2082.50	4,153,662	2,571,425
Junior College (2Yr)	3,037.50	1,684.50	181.50	3,984,090	2,466,448
Regional Shopping Center	1,132.80	1,499.10	757.20	1,498,543	927,709
Regional Shopping Center	12,606.18	16,682.48	8426.37	16,676,282	10,323,858
Single Family Housing	476.00	495.50	431.00	1,056,626	654,130
<b>Total</b>	<b>48,192.26</b>	<b>50,938.71</b>	<b>34,960.59</b>	<b>65,324,326</b>	<b>40,440,614</b>

4.3 Trip Type Information



Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	11.00	3.50	4.50	40.20	19.20	40.60	86	11	3
Condo/Townhouse	11.00	3.50	4.50	40.20	19.20	40.60	86	11	3
General Office Building	12.50	4.20	5.40	33.00	48.00	19.00	77	19	4
Government (Civic Center)	12.50	4.20	5.40	75.00	20.00	5.00	50	34	16
Government Office Building	12.50	4.20	5.40	33.00	62.00	5.00	50	34	16
High Turnover (Sit Down)	12.50	4.20	5.40	8.50	72.50	19.00	37	20	43
Hotel	12.50	4.20	5.40	19.40	61.60	19.00	58	38	4
Junior College (2Yr)	12.50	4.20	5.40	6.40	88.60	5.00	92	7	1
Regional Shopping Center	12.50	4.20	5.40	16.30	64.70	19.00	54	35	11
Regional Shopping Center	12.50	4.20	5.40	16.30	64.70	19.00	54	35	11
Single Family Housing	11.00	3.50	4.50	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Condo/Townhouse	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
General Office Building	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Government (Civic Center)	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Government Office Building	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
High Turnover (Sit Down Restaurant)	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Hotel	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Junior College (2Yr)	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Regional Shopping Center	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539
Single Family Housing	0.565475	0.033834	0.192058	0.100675	0.009211	0.004032	0.016699	0.069908	0.001423	0.001062	0.004327	0.000756	0.000539

5.0 Energy Detail

Historical Energy Use: N

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

**5.1 Mitigation Measures Energy**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	2.0415	18.2322	13.1923	0.1114		1.4105	1.4105		1.4105	1.4105		22,270.9909	22,270.9909	0.4269	0.4083	22,403.3363
NaturalGas Unmitigated	2.0415	18.2322	13.1923	0.1114		1.4105	1.4105		1.4105	1.4105		22,270.9909	22,270.9909	0.4269	0.4083	22,403.3363

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, 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					
Apartments Mid Rise	36235.4	0.3908	3.3393	1.4210	0.0213		0.2700	0.2700		0.2700	0.2700		4,262.9839	4,262.9839	0.0817	0.0782	4,288.3167
Condo/Townhouse	15150.4	0.1634	1.3962	0.5941	8.9100e-003		0.1129	0.1129		0.1129	0.1129		1,782.4017	1,782.4017	0.0342	0.0327	1,792.9936
General Office Building	4753.42	0.0513	0.4660	0.3915	2.8000e-003		0.0354	0.0354		0.0354	0.0354		559.2264	559.2264	0.0107	0.0103	562.5496
Government (Civic Center)	275.699	2.9700e-003	0.0270	0.0227	1.6000e-004		2.0500e-003	2.0500e-003		2.0500e-003	2.0500e-003		32.4351	32.4351	6.2000e-004	5.9000e-004	32.6279
Government Office Building	332.74	3.5900e-003	0.0326	0.0274	2.0000e-004		2.4800e-003	2.4800e-003		2.4800e-003	2.4800e-003		39.1459	39.1459	7.5000e-004	7.2000e-004	39.3785
High Turnover (Sit Down Restaurant)	91696	0.9889	8.9898	7.5514	0.0539		0.6832	0.6832		0.6832	0.6832		10,787.7699	10,787.7699	0.2068	0.1978	10,851.8762
Hotel	28771.9	0.3103	2.8208	2.3695	0.0169		0.2144	0.2144		0.2144	0.2144		3,384.9315	3,384.9315	0.0649	0.0621	3,405.0465
Junior College (2Yr)	5683.56	0.0613	0.5572	0.4681	3.3400e-003		0.0424	0.0424		0.0424	0.0424		668.6543	668.6543	0.0128	0.0123	672.6278
Regional Shopping Center	182.466	1.9700e-003	0.0179	0.0150	1.1000e-004		1.3600e-003	1.3600e-003		1.3600e-003	1.3600e-003		21.4666	21.4666	4.1000e-004	3.9000e-004	21.5941
Regional Shopping Center	2030.54	0.0219	0.1991	0.1672	1.1900e-003		0.0151	0.0151		0.0151	0.0151		238.8870	238.8870	4.5800e-003	4.3800e-003	240.3066
Single Family Housing	4191.25	0.0452	0.3863	0.1644	2.4700e-003		0.0312	0.0312		0.0312	0.0312		493.0886	493.0886	9.4500e-003	9.0400e-003	496.0188
<b>Total</b>		<b>2.0415</b>	<b>18.2322</b>	<b>13.1922</b>	<b>0.1114</b>		<b>1.4105</b>	<b>1.4105</b>		<b>1.4105</b>	<b>1.4105</b>		<b>22,270.9909</b>	<b>22,270.9909</b>	<b>0.4269</b>	<b>0.4083</b>	<b>22,403.3363</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, 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					
Apartments Mid Rise	36.2354	0.3908	3.3393	1.4210	0.0213		0.2700	0.2700		0.2700	0.2700		4,262.9839	4,262.9839	0.0817	0.0782	4,288.3167
Condo/Townhouse	15.1504	0.1634	1.3962	0.5941	8.9100e-003		0.1129	0.1129		0.1129	0.1129		1,782.4017	1,782.4017	0.0342	0.0327	1,792.9936
General Office Building	4.75342	0.0513	0.4660	0.3915	2.8000e-003		0.0354	0.0354		0.0354	0.0354		559.2264	559.2264	0.0107	0.0103	562.5496
Government (Civic Center)	0.275699	2.9700e-003	0.0270	0.0227	1.6000e-004		2.0500e-003	2.0500e-003		2.0500e-003	2.0500e-003		32.4351	32.4351	6.2000e-004	5.9000e-004	32.6279
Government Office Building	0.33274	3.5900e-003	0.0326	0.0274	2.0000e-004		2.4800e-003	2.4800e-003		2.4800e-003	2.4800e-003		39.1459	39.1459	7.5000e-004	7.2000e-004	39.3785
High Turnover (Sit Down Restaurant)	91.696	0.9889	8.9898	7.5514	0.0539		0.6832	0.6832		0.6832	0.6832		10,787.7699	10,787.7699	0.2068	0.1978	10,851.8762
Hotel	28.7719	0.3103	2.8208	2.3695	0.0169		0.2144	0.2144		0.2144	0.2144		3,384.9315	3,384.9315	0.0649	0.0621	3,405.0465
Junior College (2Yr)	5.68356	0.0613	0.5572	0.4681	3.3400e-003		0.0424	0.0424		0.0424	0.0424		668.6543	668.6543	0.0128	0.0123	672.6278
Regional Shopping Center	0.182466	1.9700e-003	0.0179	0.0150	1.1000e-004		1.3600e-003	1.3600e-003		1.3600e-003	1.3600e-003		21.4666	21.4666	4.1000e-004	3.9000e-004	21.5941
Regional Shopping Center	2.03054	0.0219	0.1991	0.1672	1.1900e-003		0.0151	0.0151		0.0151	0.0151		238.8870	238.8870	4.5800e-003	4.3800e-003	240.3066
Single Family Housing	4.19125	0.0452	0.3863	0.1644	2.4700e-003		0.0312	0.0312		0.0312	0.0312		493.0886	493.0886	9.4500e-003	9.0400e-003	496.0188
<b>Total</b>		<b>2.0415</b>	<b>18.2322</b>	<b>13.1922</b>	<b>0.1114</b>		<b>1.4105</b>	<b>1.4105</b>		<b>1.4105</b>	<b>1.4105</b>		<b>22,270.9909</b>	<b>22,270.9909</b>	<b>0.4269</b>	<b>0.4083</b>	<b>22,403.3363</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	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	65.5096	18.8786	112.5968	0.1356		3.0636	3.0636		3.0636	3.0636	137.3982	22,712.8194	22,850.2176	1.0214	0.4174	23,000.1209
Unmitigated	65.5096	18.8786	112.5968	0.1356		3.0636	3.0636		3.0636	3.0636	137.3982	22,712.8194	22,850.2176	1.0214	0.4174	23,000.1209

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

**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	3.6544					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	53.2486					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	5.6721	17.7504	14.7724	0.1305		2.5195	2.5195		2.5195	2.5195	137.3982	22,536.0000	22,673.3982	0.8525	0.4174	22,819.0797
Landscaping	2.9346	1.1282	97.8244	5.1900e-003		0.5441	0.5441		0.5441	0.5441		176.8194	176.8194	0.1689		181.0412
<b>Total</b>	<b>65.5096</b>	<b>18.8786</b>	<b>112.5968</b>	<b>0.1356</b>		<b>3.0636</b>	<b>3.0636</b>		<b>3.0636</b>	<b>3.0636</b>	<b>137.3982</b>	<b>22,712.8194</b>	<b>22,850.2176</b>	<b>1.0214</b>	<b>0.4174</b>	<b>23,000.1209</b>

Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, 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	3.6544					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	53.2486					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	5.6721	17.7504	14.7724	0.1305		2.5195	2.5195		2.5195	2.5195	137.3982	22,536.0000	22,673.3982	0.8525	0.4174	22,819.0797
Landscaping	2.9346	1.1282	97.8244	5.1900e-003		0.5441	0.5441		0.5441	0.5441		176.8194	176.8194	0.1689		181.0412
<b>Total</b>	<b>65.5096</b>	<b>18.8786</b>	<b>112.5968</b>	<b>0.1356</b>		<b>3.0636</b>	<b>3.0636</b>		<b>3.0636</b>	<b>3.0636</b>	<b>137.3982</b>	<b>22,712.8194</b>	<b>22,850.2176</b>	<b>1.0214</b>	<b>0.4174</b>	<b>23,000.1209</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

Use Water Efficient Irrigation System

**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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Indio Downtown Specific Plan Mitigated - Future Conditions - Riverside-Salton Sea County, Winter

**10.0 Stationary Equipment**

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**Fire Pumps and Emergency Generators**

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

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

Equipment Type	Number
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**11.0 Vegetation**

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## N2O Operational GHG Emission Mobile Calculations

Project Code & Title: 19-07571 Indio Downtown Specific Plan EIR

Vehicle Population Breakdown*	
614205	Gasoline vehicles
14953	Diesel vehicles
97.6%	Gasoline vehicle %
2.4%	Diesel vehicle %

VMT per Vehicle Type	
15839220	Project VMT (CalEEMod output)
15462773	Gasoline vehicle VMT
376447	Diesel vehicle VMT

Gasoline Vehicles	
97.6%	Gasoline vehicle %
19.4545	Tons per year mobile NOX emissions (annual output in CalEEMod)
18.99	Gasoline vehicle tons per year NOX emissions
4.16%	Percentage to convert NOX emissions to N2O **
0.7901	Tons per year N2O emissions for gasoline vehicles
0.7167	Metric tons per year N2O emissions for gasoline vehicles

Diesel Vehicles	
0.3316	grams N2O per gallon of fuel for diesel vehicles**
32.90	Diesel average miles per gallon*
0.01008	grams per mile N2O for diesel vehicles
3794.3	grams per year N2O for diesel vehicles
0.0037943	Metric tons per year N2O emissions for diesel vehicles

CO2E Emissions from N2O	
0.7205	Metric tons per year from gasoline + diesel vehicles
265	GWP of N2O***
<b>190.9</b>	<b>CO2E emissions per year from N2O emissions from gasoline + diesel vehicles</b>

Sources
<p><b>*Vehicle population source:</b>                      EMFAC2014 (v1.0.7) Emissions Inventory                      Region Type: Air Basin                      Region: Salton Sea                      Calendar Year: 2035                      Season: Annual                      Vehicle Classification: EMFAC2011 Categories</p> <p><b>**Methodology source:</b>                      EMFAC2011 Frequently Asked Questions  <a href="https://www.arb.ca.gov/msei/emfac2011-faq.htm">https://www.arb.ca.gov/msei/emfac2011-faq.htm</a></p> <p><b>***GWP source:</b>                      Intergovernmental Panel on Climate Change (IPCC). 2014.                      AR5 Climate Change 2014                      Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change.</p>







## N2O Operational GHG Emission Mobile Calculations

Project Code & Title: 19-07571 Indio Downtown Specific Plan EIR

Vehicle Population Breakdown*	
614205	Gasoline vehicles
14953	Diesel vehicles
97.6%	Gasoline vehicle %
2.4%	Diesel vehicle %

VMT per Vehicle Type	
40440614	Project VMT (CalEEMod output)
39479471	Gasoline vehicle VMT
961143	Diesel vehicle VMT

Gasoline Vehicles	
97.6%	Gasoline vehicle %
55.95	Tons per year mobile NOX emissions (annual output in CalEEMod)
54.62	Gasoline vehicle tons per year NOX emissions
4.16%	Percentage to convert NOX emissions to N2O **
2.2722	Tons per year N2O emissions for gasoline vehicles
2.0613	Metric tons per year N2O emissions for gasoline vehicles

Diesel Vehicles	
0.3316	grams N2O per gallon of fuel for diesel vehicles**
32.90	Diesel average miles per gallon*
0.01008	grams per mile N2O for diesel vehicles
9687.5	grams per year N2O for diesel vehicles
0.0096875	Metric tons per year N2O emissions for diesel vehicles

CO2E Emissions from N2O	
2.0710	Metric tons per year from gasoline + diesel vehicles
265	GWP of N2O***
<b>548.8</b>	<b>CO2E emissions per year from N2O emissions from gasoline + diesel vehicles</b>

Sources
<p><b>*Vehicle population source:</b>                      EMFAC2014 (v1.0.7) Emissions Inventory                      Region Type: Air Basin                      Region: Salton Sea                      Calendar Year: 2035                      Season: Annual                      Vehicle Classification: EMFAC2011 Categories</p> <p><b>**Methodology source:</b>                      EMFAC2011 Frequently Asked Questions  <a href="https://www.arb.ca.gov/msei/emfac2011-faq.htm">https://www.arb.ca.gov/msei/emfac2011-faq.htm</a></p> <p><b>***GWP source:</b>                      Intergovernmental Panel on Climate Change (IPCC). 2014.                      AR5 Climate Change 2014                      Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change.</p>