

Colton La Qunita Inn and Suites - San Bernardino-South Coast County, Annual

**Colton La Qunita Inn and Suites**  
**San Bernardino-South Coast County, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hotel	73.00	Room	0.46	42,331.00	0
Parking Lot	82.00	Space	0.74	32,800.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	32
<b>Climate Zone</b>	10			<b>Operational Year</b>	2023
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MW hr)</b>	702.44	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

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

Project Characteristics -

Land Use - Project site = 1.2 acres. Hotel building = 42,331 square feet

Construction Phase - Building construction, paving, and painting assumed to occur simultaneously

Demolition -

Vehicle Trips - Trip generation per Jano Baghdanian & Associates Traffic Memorandum

Construction Off-road Equipment Mitigation - SCAQMD Rule 403. Reduction values per SCAQMD

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Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	40
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	200.00
tblConstructionPhase	NumDays	10.00	200.00
tblConstructionPhase	PhaseEndDate	2/3/2022	1/6/2023
tblConstructionPhase	PhaseEndDate	1/6/2022	1/6/2023
tblConstructionPhase	PhaseEndDate	3/24/2021	3/24/2022
tblConstructionPhase	PhaseEndDate	4/1/2021	3/31/2022
tblConstructionPhase	PhaseEndDate	1/20/2022	1/6/2023
tblConstructionPhase	PhaseEndDate	3/26/2021	3/28/2022
tblConstructionPhase	PhaseStartDate	1/21/2022	4/2/2022
tblConstructionPhase	PhaseStartDate	4/2/2021	4/2/2022
tblConstructionPhase	PhaseStartDate	2/25/2021	2/25/2022
tblConstructionPhase	PhaseStartDate	3/27/2021	3/27/2022
tblConstructionPhase	PhaseStartDate	1/7/2022	4/2/2022
tblConstructionPhase	PhaseStartDate	3/25/2021	3/25/2022
tblLandUse	LandUseSquareFeet	105,996.00	42,331.00
tblLandUse	LotAcreage	2.43	0.46
tblVehicleTrips	ST_TR	8.19	4.01
tblVehicleTrips	SU_TR	5.95	4.01
tblVehicleTrips	WD_TR	8.17	4.01

## 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)
5	2-25-2022	5-24-2022	0.7497	0.7497
6	5-25-2022	8-24-2022	0.8791	0.8791
7	8-25-2022	11-24-2022	0.8791	0.8791
8	11-25-2022	2-24-2023	0.4068	0.4068
		Highest	0.8791	0.8791

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.1753	2.0000e-005	1.9800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.8500e-003	3.8500e-003	1.0000e-005	0.0000	4.1000e-003
Energy	0.0137	0.1245	0.1046	7.5000e-004		9.4600e-003	9.4600e-003		9.4600e-003	9.4600e-003	0.0000	383.8814	383.8814	0.0129	4.6100e-003	385.5753
Mobile	0.0755	0.5060	0.8380	3.5100e-003	0.2660	2.1000e-003	0.2681	0.0713	1.9600e-003	0.0733	0.0000	325.5810	325.5810	0.0167	0.0000	325.9985
Waste						0.0000	0.0000		0.0000	0.0000	8.1136	0.0000	8.1136	0.4795	0.0000	20.1010
Water						0.0000	0.0000		0.0000	0.0000	0.5875	8.4109	8.9984	0.0607	1.5000e-003	10.9616
<b>Total</b>	<b>0.2646</b>	<b>0.6306</b>	<b>0.9446</b>	<b>4.2600e-003</b>	<b>0.2660</b>	<b>0.0116</b>	<b>0.2776</b>	<b>0.0713</b>	<b>0.0114</b>	<b>0.0827</b>	<b>8.7010</b>	<b>717.8771</b>	<b>726.5781</b>	<b>0.5698</b>	<b>6.1100e-003</b>	<b>742.6405</b>

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**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.1753	2.0000e-005	1.9800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.8500e-003	3.8500e-003	1.0000e-005	0.0000	4.1000e-003
Energy	0.0137	0.1245	0.1046	7.5000e-004		9.4600e-003	9.4600e-003		9.4600e-003	9.4600e-003	0.0000	383.8814	383.8814	0.0129	4.6100e-003	385.5753
Mobile	0.0755	0.5060	0.8380	3.5100e-003	0.2660	2.1000e-003	0.2681	0.0713	1.9600e-003	0.0733	0.0000	325.5810	325.5810	0.0167	0.0000	325.9985
Waste						0.0000	0.0000		0.0000	0.0000	8.1136	0.0000	8.1136	0.4795	0.0000	20.1010
Water						0.0000	0.0000		0.0000	0.0000	0.5875	8.4109	8.9984	0.0607	1.5000e-003	10.9616
<b>Total</b>	<b>0.2646</b>	<b>0.6306</b>	<b>0.9446</b>	<b>4.2600e-003</b>	<b>0.2660</b>	<b>0.0116</b>	<b>0.2776</b>	<b>0.0713</b>	<b>0.0114</b>	<b>0.0827</b>	<b>8.7010</b>	<b>717.8771</b>	<b>726.5781</b>	<b>0.5698</b>	<b>6.1100e-003</b>	<b>742.6405</b>

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

**3.0 Construction Detail**

**Construction Phase**

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	2/25/2022	3/24/2022	5	20	
2	Site Preparation	Site Preparation	3/25/2022	3/28/2022	5	2	
3	Grading	Grading	3/27/2022	3/31/2022	5	4	
4	Building Construction	Building Construction	4/2/2022	1/6/2023	5	200	
5	Paving	Paving	4/2/2022	1/6/2023	5	200	
6	Architectural Coating	Architectural Coating	4/2/2022	1/6/2023	5	200	

**Acres of Grading (Site Preparation Phase): 1**

**Acres of Grading (Grading Phase): 1.5**

**Acres of Paving: 0.74**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 63,497; Non-Residential Outdoor: 21,166; Striped Parking Area: 1,968 (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
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Cranes	1	6.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	6.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Graders	1	6.00	187	0.41
Paving	Paving Equipment	1	8.00	132	0.36
Site Preparation	Rubber Tired Dozers	1	7.00	247	0.40
Building Construction	Welders	3	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	5	13.00	0.00	119.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	32.00	12.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	6.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

**3.2 Demolition - 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					
Fugitive Dust					0.0129	0.0000	0.0129	1.9500e-003	0.0000	1.9500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0169	0.1662	0.1396	2.4000e-004		8.3800e-003	8.3800e-003		7.8300e-003	7.8300e-003	0.0000	21.0777	21.0777	5.3700e-003	0.0000	21.2120
<b>Total</b>	<b>0.0169</b>	<b>0.1662</b>	<b>0.1396</b>	<b>2.4000e-004</b>	<b>0.0129</b>	<b>8.3800e-003</b>	<b>0.0213</b>	<b>1.9500e-003</b>	<b>7.8300e-003</b>	<b>9.7800e-003</b>	<b>0.0000</b>	<b>21.0777</b>	<b>21.0777</b>	<b>5.3700e-003</b>	<b>0.0000</b>	<b>21.2120</b>

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**3.2 Demolition - 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	3.4000e-004	0.0127	2.1600e-003	5.0000e-005	1.0200e-003	3.0000e-005	1.0600e-003	2.8000e-004	3.0000e-005	3.1000e-004	0.0000	4.3557	4.3557	2.4000e-004	0.0000	4.3617
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	5.6000e-004	4.1000e-004	4.2500e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.1403	1.1403	3.0000e-005	0.0000	1.1410
<b>Total</b>	<b>9.0000e-004</b>	<b>0.0131</b>	<b>6.4100e-003</b>	<b>6.0000e-005</b>	<b>2.4500e-003</b>	<b>4.0000e-005</b>	<b>2.4900e-003</b>	<b>6.6000e-004</b>	<b>4.0000e-005</b>	<b>7.0000e-004</b>	<b>0.0000</b>	<b>5.4959</b>	<b>5.4959</b>	<b>2.7000e-004</b>	<b>0.0000</b>	<b>5.5027</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					5.0200e-003	0.0000	5.0200e-003	7.6000e-004	0.0000	7.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0169	0.1662	0.1396	2.4000e-004		8.3800e-003	8.3800e-003		7.8300e-003	7.8300e-003	0.0000	21.0777	21.0777	5.3700e-003	0.0000	21.2119
<b>Total</b>	<b>0.0169</b>	<b>0.1662</b>	<b>0.1396</b>	<b>2.4000e-004</b>	<b>5.0200e-003</b>	<b>8.3800e-003</b>	<b>0.0134</b>	<b>7.6000e-004</b>	<b>7.8300e-003</b>	<b>8.5900e-003</b>	<b>0.0000</b>	<b>21.0777</b>	<b>21.0777</b>	<b>5.3700e-003</b>	<b>0.0000</b>	<b>21.2119</b>

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**3.2 Demolition - 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	3.4000e-004	0.0127	2.1600e-003	5.0000e-005	7.2000e-004	3.0000e-005	7.5000e-004	2.1000e-004	3.0000e-005	2.4000e-004	0.0000	4.3557	4.3557	2.4000e-004	0.0000	4.3617
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	5.6000e-004	4.1000e-004	4.2500e-003	1.0000e-005	9.3000e-004	1.0000e-005	9.4000e-004	2.6000e-004	1.0000e-005	2.7000e-004	0.0000	1.1403	1.1403	3.0000e-005	0.0000	1.1410
<b>Total</b>	<b>9.0000e-004</b>	<b>0.0131</b>	<b>6.4100e-003</b>	<b>6.0000e-005</b>	<b>1.6500e-003</b>	<b>4.0000e-005</b>	<b>1.6900e-003</b>	<b>4.7000e-004</b>	<b>4.0000e-005</b>	<b>5.1000e-004</b>	<b>0.0000</b>	<b>5.4959</b>	<b>5.4959</b>	<b>2.7000e-004</b>	<b>0.0000</b>	<b>5.5027</b>

**3.3 Site Preparation - 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					
Fugitive Dust					5.8000e-003	0.0000	5.8000e-003	2.9500e-003	0.0000	2.9500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.3100e-003	0.0146	7.0900e-003	2.0000e-005		6.2000e-004	6.2000e-004		5.7000e-004	5.7000e-004	0.0000	1.5115	1.5115	4.9000e-004	0.0000	1.5238
<b>Total</b>	<b>1.3100e-003</b>	<b>0.0146</b>	<b>7.0900e-003</b>	<b>2.0000e-005</b>	<b>5.8000e-003</b>	<b>6.2000e-004</b>	<b>6.4200e-003</b>	<b>2.9500e-003</b>	<b>5.7000e-004</b>	<b>3.5200e-003</b>	<b>0.0000</b>	<b>1.5115</b>	<b>1.5115</b>	<b>4.9000e-004</b>	<b>0.0000</b>	<b>1.5238</b>

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**3.3 Site Preparation - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-005	3.0000e-005	2.6000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0702	0.0702	0.0000	0.0000	0.0702
<b>Total</b>	<b>3.0000e-005</b>	<b>3.0000e-005</b>	<b>2.6000e-004</b>	<b>0.0000</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>9.0000e-005</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.0702</b>	<b>0.0702</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0702</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					2.2600e-003	0.0000	2.2600e-003	1.1500e-003	0.0000	1.1500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.3100e-003	0.0146	7.0900e-003	2.0000e-005		6.2000e-004	6.2000e-004		5.7000e-004	5.7000e-004	0.0000	1.5115	1.5115	4.9000e-004	0.0000	1.5238
<b>Total</b>	<b>1.3100e-003</b>	<b>0.0146</b>	<b>7.0900e-003</b>	<b>2.0000e-005</b>	<b>2.2600e-003</b>	<b>6.2000e-004</b>	<b>2.8800e-003</b>	<b>1.1500e-003</b>	<b>5.7000e-004</b>	<b>1.7200e-003</b>	<b>0.0000</b>	<b>1.5115</b>	<b>1.5115</b>	<b>4.9000e-004</b>	<b>0.0000</b>	<b>1.5238</b>

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**3.3 Site Preparation - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-005	3.0000e-005	2.6000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0702	0.0702	0.0000	0.0000	0.0702
<b>Total</b>	<b>3.0000e-005</b>	<b>3.0000e-005</b>	<b>2.6000e-004</b>	<b>0.0000</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>6.0000e-005</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.0702</b>	<b>0.0702</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0702</b>

**3.4 Grading - 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					
Fugitive Dust					9.8300e-003	0.0000	9.8300e-003	5.0500e-003	0.0000	5.0500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.1700e-003	0.0240	0.0119	3.0000e-005		1.0300e-003	1.0300e-003		9.5000e-004	9.5000e-004	0.0000	2.4763	2.4763	8.0000e-004	0.0000	2.4963
<b>Total</b>	<b>2.1700e-003</b>	<b>0.0240</b>	<b>0.0119</b>	<b>3.0000e-005</b>	<b>9.8300e-003</b>	<b>1.0300e-003</b>	<b>0.0109</b>	<b>5.0500e-003</b>	<b>9.5000e-004</b>	<b>6.0000e-003</b>	<b>0.0000</b>	<b>2.4763</b>	<b>2.4763</b>	<b>8.0000e-004</b>	<b>0.0000</b>	<b>2.4963</b>

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**3.4 Grading - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.0000e-005	5.0000e-005	5.2000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1403	0.1403	0.0000	0.0000	0.1404
<b>Total</b>	<b>7.0000e-005</b>	<b>5.0000e-005</b>	<b>5.2000e-004</b>	<b>0.0000</b>	<b>1.8000e-004</b>	<b>0.0000</b>	<b>1.8000e-004</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>0.1403</b>	<b>0.1403</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.1404</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					3.8300e-003	0.0000	3.8300e-003	1.9700e-003	0.0000	1.9700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.1700e-003	0.0240	0.0119	3.0000e-005		1.0300e-003	1.0300e-003		9.5000e-004	9.5000e-004	0.0000	2.4763	2.4763	8.0000e-004	0.0000	2.4963
<b>Total</b>	<b>2.1700e-003</b>	<b>0.0240</b>	<b>0.0119</b>	<b>3.0000e-005</b>	<b>3.8300e-003</b>	<b>1.0300e-003</b>	<b>4.8600e-003</b>	<b>1.9700e-003</b>	<b>9.5000e-004</b>	<b>2.9200e-003</b>	<b>0.0000</b>	<b>2.4763</b>	<b>2.4763</b>	<b>8.0000e-004</b>	<b>0.0000</b>	<b>2.4963</b>

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**3.4 Grading - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.0000e-005	5.0000e-005	5.2000e-004	0.0000	1.1000e-004	0.0000	1.2000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.1403	0.1403	0.0000	0.0000	0.1404
<b>Total</b>	<b>7.0000e-005</b>	<b>5.0000e-005</b>	<b>5.2000e-004</b>	<b>0.0000</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>1.2000e-004</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.1403</b>	<b>0.1403</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.1404</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	0.1607	1.2191	1.2408	2.1500e-003		0.0574	0.0574		0.0555	0.0555	0.0000	177.0375	177.0375	0.0308	0.0000	177.8084
<b>Total</b>	<b>0.1607</b>	<b>1.2191</b>	<b>1.2408</b>	<b>2.1500e-003</b>		<b>0.0574</b>	<b>0.0574</b>		<b>0.0555</b>	<b>0.0555</b>	<b>0.0000</b>	<b>177.0375</b>	<b>177.0375</b>	<b>0.0308</b>	<b>0.0000</b>	<b>177.8084</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	2.8900e-003	0.1078	0.0214	3.1000e-004	7.3800e-003	1.6000e-004	7.5400e-003	2.1300e-003	1.6000e-004	2.2900e-003	0.0000	29.4717	29.4717	1.9300e-003	0.0000	29.5200
Worker	0.0134	9.7600e-003	0.1020	3.0000e-004	0.0342	2.2000e-004	0.0344	9.0900e-003	2.0000e-004	9.2900e-003	0.0000	27.3660	27.3660	7.1000e-004	0.0000	27.3838
<b>Total</b>	<b>0.0163</b>	<b>0.1176</b>	<b>0.1234</b>	<b>6.1000e-004</b>	<b>0.0416</b>	<b>3.8000e-004</b>	<b>0.0420</b>	<b>0.0112</b>	<b>3.6000e-004</b>	<b>0.0116</b>	<b>0.0000</b>	<b>56.8376</b>	<b>56.8376</b>	<b>2.6400e-003</b>	<b>0.0000</b>	<b>56.9038</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	0.1607	1.2191	1.2408	2.1500e-003		0.0574	0.0574		0.0555	0.0555	0.0000	177.0373	177.0373	0.0308	0.0000	177.8081
<b>Total</b>	<b>0.1607</b>	<b>1.2191</b>	<b>1.2408</b>	<b>2.1500e-003</b>		<b>0.0574</b>	<b>0.0574</b>		<b>0.0555</b>	<b>0.0555</b>	<b>0.0000</b>	<b>177.0373</b>	<b>177.0373</b>	<b>0.0308</b>	<b>0.0000</b>	<b>177.8081</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	2.8900e-003	0.1078	0.0214	3.1000e-004	5.2900e-003	1.6000e-004	5.4500e-003	1.6200e-003	1.6000e-004	1.7700e-003	0.0000	29.4717	29.4717	1.9300e-003	0.0000	29.5200
Worker	0.0134	9.7600e-003	0.1020	3.0000e-004	0.0224	2.2000e-004	0.0226	6.1700e-003	2.0000e-004	6.3700e-003	0.0000	27.3660	27.3660	7.1000e-004	0.0000	27.3838
<b>Total</b>	<b>0.0163</b>	<b>0.1176</b>	<b>0.1234</b>	<b>6.1000e-004</b>	<b>0.0276</b>	<b>3.8000e-004</b>	<b>0.0280</b>	<b>7.7900e-003</b>	<b>3.6000e-004</b>	<b>8.1400e-003</b>	<b>0.0000</b>	<b>56.8376</b>	<b>56.8376</b>	<b>2.6400e-003</b>	<b>0.0000</b>	<b>56.9038</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	3.8100e-003	0.0293	0.0315	6.0000e-005		1.2900e-003	1.2900e-003		1.2400e-003	1.2400e-003	0.0000	4.5400	4.5400	7.7000e-004	0.0000	4.5593
<b>Total</b>	<b>3.8100e-003</b>	<b>0.0293</b>	<b>0.0315</b>	<b>6.0000e-005</b>		<b>1.2900e-003</b>	<b>1.2900e-003</b>		<b>1.2400e-003</b>	<b>1.2400e-003</b>	<b>0.0000</b>	<b>4.5400</b>	<b>4.5400</b>	<b>7.7000e-004</b>	<b>0.0000</b>	<b>4.5593</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	6.0000e-005	2.1300e-003	4.7000e-004	1.0000e-005	1.9000e-004	0.0000	1.9000e-004	5.0000e-005	0.0000	6.0000e-005	0.0000	0.7349	0.7349	4.0000e-005	0.0000	0.7359
Worker	3.2000e-004	2.3000e-004	2.4000e-003	1.0000e-005	8.8000e-004	1.0000e-005	8.8000e-004	2.3000e-004	0.0000	2.4000e-004	0.0000	0.6753	0.6753	2.0000e-005	0.0000	0.6758
<b>Total</b>	<b>3.8000e-004</b>	<b>2.3600e-003</b>	<b>2.8700e-003</b>	<b>2.0000e-005</b>	<b>1.0700e-003</b>	<b>1.0000e-005</b>	<b>1.0700e-003</b>	<b>2.8000e-004</b>	<b>0.0000</b>	<b>3.0000e-004</b>	<b>0.0000</b>	<b>1.4102</b>	<b>1.4102</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>1.4117</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	3.8100e-003	0.0293	0.0315	6.0000e-005		1.2900e-003	1.2900e-003		1.2400e-003	1.2400e-003	0.0000	4.5400	4.5400	7.7000e-004	0.0000	4.5593
<b>Total</b>	<b>3.8100e-003</b>	<b>0.0293</b>	<b>0.0315</b>	<b>6.0000e-005</b>		<b>1.2900e-003</b>	<b>1.2900e-003</b>		<b>1.2400e-003</b>	<b>1.2400e-003</b>	<b>0.0000</b>	<b>4.5400</b>	<b>4.5400</b>	<b>7.7000e-004</b>	<b>0.0000</b>	<b>4.5593</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	6.0000e-005	2.1300e-003	4.7000e-004	1.0000e-005	1.4000e-004	0.0000	1.4000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.7349	0.7349	4.0000e-005	0.0000	0.7359
Worker	3.2000e-004	2.3000e-004	2.4000e-003	1.0000e-005	5.7000e-004	1.0000e-005	5.8000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.6753	0.6753	2.0000e-005	0.0000	0.6758
<b>Total</b>	<b>3.8000e-004</b>	<b>2.3600e-003</b>	<b>2.8700e-003</b>	<b>2.0000e-005</b>	<b>7.1000e-004</b>	<b>1.0000e-005</b>	<b>7.2000e-004</b>	<b>2.0000e-004</b>	<b>0.0000</b>	<b>2.0000e-004</b>	<b>0.0000</b>	<b>1.4102</b>	<b>1.4102</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>1.4117</b>

**3.6 Paving - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0671	0.6604	0.8586	1.3200e-003		0.0339	0.0339		0.0313	0.0313	0.0000	114.7538	114.7538	0.0364	0.0000	115.6633
Paving	9.5000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0680</b>	<b>0.6604</b>	<b>0.8586</b>	<b>1.3200e-003</b>		<b>0.0339</b>	<b>0.0339</b>		<b>0.0313</b>	<b>0.0313</b>	<b>0.0000</b>	<b>114.7538</b>	<b>114.7538</b>	<b>0.0364</b>	<b>0.0000</b>	<b>115.6633</b>

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**3.6 Paving - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4500e-003	3.9600e-003	0.0414	1.2000e-004	0.0139	9.0000e-005	0.0140	3.6900e-003	8.0000e-005	3.7700e-003	0.0000	11.1174	11.1174	2.9000e-004	0.0000	11.1247
<b>Total</b>	<b>5.4500e-003</b>	<b>3.9600e-003</b>	<b>0.0414</b>	<b>1.2000e-004</b>	<b>0.0139</b>	<b>9.0000e-005</b>	<b>0.0140</b>	<b>3.6900e-003</b>	<b>8.0000e-005</b>	<b>3.7700e-003</b>	<b>0.0000</b>	<b>11.1174</b>	<b>11.1174</b>	<b>2.9000e-004</b>	<b>0.0000</b>	<b>11.1247</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	0.0671	0.6604	0.8586	1.3200e-003		0.0339	0.0339		0.0313	0.0313	0.0000	114.7537	114.7537	0.0364	0.0000	115.6631
Paving	9.5000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0680</b>	<b>0.6604</b>	<b>0.8586</b>	<b>1.3200e-003</b>		<b>0.0339</b>	<b>0.0339</b>		<b>0.0313</b>	<b>0.0313</b>	<b>0.0000</b>	<b>114.7537</b>	<b>114.7537</b>	<b>0.0364</b>	<b>0.0000</b>	<b>115.6631</b>

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**3.6 Paving - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4500e-003	3.9600e-003	0.0414	1.2000e-004	9.0800e-003	9.0000e-005	9.1700e-003	2.5100e-003	8.0000e-005	2.5900e-003	0.0000	11.1174	11.1174	2.9000e-004	0.0000	11.1247
<b>Total</b>	<b>5.4500e-003</b>	<b>3.9600e-003</b>	<b>0.0414</b>	<b>1.2000e-004</b>	<b>9.0800e-003</b>	<b>9.0000e-005</b>	<b>9.1700e-003</b>	<b>2.5100e-003</b>	<b>8.0000e-005</b>	<b>2.5900e-003</b>	<b>0.0000</b>	<b>11.1174</b>	<b>11.1174</b>	<b>2.9000e-004</b>	<b>0.0000</b>	<b>11.1247</b>

**3.6 Paving - 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	1.6100e-003	0.0156	0.0220	3.0000e-005		7.7000e-004	7.7000e-004		7.1000e-004	7.1000e-004	0.0000	2.9431	2.9431	9.3000e-004	0.0000	2.9664
Paving	2.0000e-005					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>1.6300e-003</b>	<b>0.0156</b>	<b>0.0220</b>	<b>3.0000e-005</b>		<b>7.7000e-004</b>	<b>7.7000e-004</b>		<b>7.1000e-004</b>	<b>7.1000e-004</b>	<b>0.0000</b>	<b>2.9431</b>	<b>2.9431</b>	<b>9.3000e-004</b>	<b>0.0000</b>	<b>2.9664</b>

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**3.6 Paving - 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	0.0000	0.0000	0.0000	0.0000	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	1.3000e-004	9.0000e-005	9.7000e-004	0.0000	3.6000e-004	0.0000	3.6000e-004	9.0000e-005	0.0000	1.0000e-004	0.0000	0.2744	0.2744	1.0000e-005	0.0000	0.2745
<b>Total</b>	<b>1.3000e-004</b>	<b>9.0000e-005</b>	<b>9.7000e-004</b>	<b>0.0000</b>	<b>3.6000e-004</b>	<b>0.0000</b>	<b>3.6000e-004</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>0.2744</b>	<b>0.2744</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.2745</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	1.6100e-003	0.0156	0.0220	3.0000e-005		7.7000e-004	7.7000e-004		7.1000e-004	7.1000e-004	0.0000	2.9431	2.9431	9.3000e-004	0.0000	2.9664
Paving	2.0000e-005					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>1.6300e-003</b>	<b>0.0156</b>	<b>0.0220</b>	<b>3.0000e-005</b>		<b>7.7000e-004</b>	<b>7.7000e-004</b>		<b>7.1000e-004</b>	<b>7.1000e-004</b>	<b>0.0000</b>	<b>2.9431</b>	<b>2.9431</b>	<b>9.3000e-004</b>	<b>0.0000</b>	<b>2.9664</b>

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**3.6 Paving - 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	0.0000	0.0000	0.0000	0.0000	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	1.3000e-004	9.0000e-005	9.7000e-004	0.0000	2.3000e-004	0.0000	2.3000e-004	6.0000e-005	0.0000	7.0000e-005	0.0000	0.2744	0.2744	1.0000e-005	0.0000	0.2745
<b>Total</b>	<b>1.3000e-004</b>	<b>9.0000e-005</b>	<b>9.7000e-004</b>	<b>0.0000</b>	<b>2.3000e-004</b>	<b>0.0000</b>	<b>2.3000e-004</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>0.2744</b>	<b>0.2744</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.2745</b>

**3.7 Architectural Coating - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1958					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0199	0.1373	0.1768	2.9000e-004		7.9700e-003	7.9700e-003		7.9700e-003	7.9700e-003	0.0000	24.8942	24.8942	1.6200e-003	0.0000	24.9347
<b>Total</b>	<b>0.2157</b>	<b>0.1373</b>	<b>0.1768</b>	<b>2.9000e-004</b>		<b>7.9700e-003</b>	<b>7.9700e-003</b>		<b>7.9700e-003</b>	<b>7.9700e-003</b>	<b>0.0000</b>	<b>24.8942</b>	<b>24.8942</b>	<b>1.6200e-003</b>	<b>0.0000</b>	<b>24.9347</b>

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**3.7 Architectural Coating - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5200e-003	1.8300e-003	0.0191	6.0000e-005	6.4100e-003	4.0000e-005	6.4500e-003	1.7000e-003	4.0000e-005	1.7400e-003	0.0000	5.1311	5.1311	1.3000e-004	0.0000	5.1345
<b>Total</b>	<b>2.5200e-003</b>	<b>1.8300e-003</b>	<b>0.0191</b>	<b>6.0000e-005</b>	<b>6.4100e-003</b>	<b>4.0000e-005</b>	<b>6.4500e-003</b>	<b>1.7000e-003</b>	<b>4.0000e-005</b>	<b>1.7400e-003</b>	<b>0.0000</b>	<b>5.1311</b>	<b>5.1311</b>	<b>1.3000e-004</b>	<b>0.0000</b>	<b>5.1345</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1958					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0199	0.1373	0.1768	2.9000e-004		7.9700e-003	7.9700e-003		7.9700e-003	7.9700e-003	0.0000	24.8942	24.8942	1.6200e-003	0.0000	24.9347
<b>Total</b>	<b>0.2157</b>	<b>0.1373</b>	<b>0.1768</b>	<b>2.9000e-004</b>		<b>7.9700e-003</b>	<b>7.9700e-003</b>		<b>7.9700e-003</b>	<b>7.9700e-003</b>	<b>0.0000</b>	<b>24.8942</b>	<b>24.8942</b>	<b>1.6200e-003</b>	<b>0.0000</b>	<b>24.9347</b>

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**3.7 Architectural Coating - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5200e-003	1.8300e-003	0.0191	6.0000e-005	4.1900e-003	4.0000e-005	4.2300e-003	1.1600e-003	4.0000e-005	1.2000e-003	0.0000	5.1311	5.1311	1.3000e-004	0.0000	5.1345
<b>Total</b>	<b>2.5200e-003</b>	<b>1.8300e-003</b>	<b>0.0191</b>	<b>6.0000e-005</b>	<b>4.1900e-003</b>	<b>4.0000e-005</b>	<b>4.2300e-003</b>	<b>1.1600e-003</b>	<b>4.0000e-005</b>	<b>1.2000e-003</b>	<b>0.0000</b>	<b>5.1311</b>	<b>5.1311</b>	<b>1.3000e-004</b>	<b>0.0000</b>	<b>5.1345</b>

**3.7 Architectural Coating - 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					
Archit. Coating	5.0200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.8000e-004	3.2600e-003	4.5300e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6393
<b>Total</b>	<b>5.5000e-003</b>	<b>3.2600e-003</b>	<b>4.5300e-003</b>	<b>1.0000e-005</b>		<b>1.8000e-004</b>	<b>1.8000e-004</b>		<b>1.8000e-004</b>	<b>1.8000e-004</b>	<b>0.0000</b>	<b>0.6383</b>	<b>0.6383</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>0.6393</b>

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**3.7 Architectural Coating - 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	0.0000	0.0000	0.0000	0.0000	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	6.0000e-005	4.0000e-005	4.5000e-004	0.0000	1.6000e-004	0.0000	1.7000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1266	0.1266	0.0000	0.0000	0.1267
<b>Total</b>	<b>6.0000e-005</b>	<b>4.0000e-005</b>	<b>4.5000e-004</b>	<b>0.0000</b>	<b>1.6000e-004</b>	<b>0.0000</b>	<b>1.7000e-004</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>0.1266</b>	<b>0.1266</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.1267</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	5.0200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.8000e-004	3.2600e-003	4.5300e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6393
<b>Total</b>	<b>5.5000e-003</b>	<b>3.2600e-003</b>	<b>4.5300e-003</b>	<b>1.0000e-005</b>		<b>1.8000e-004</b>	<b>1.8000e-004</b>		<b>1.8000e-004</b>	<b>1.8000e-004</b>	<b>0.0000</b>	<b>0.6383</b>	<b>0.6383</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>0.6393</b>

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**3.7 Architectural Coating - 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	0.0000	0.0000	0.0000	0.0000	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	6.0000e-005	4.0000e-005	4.5000e-004	0.0000	1.1000e-004	0.0000	1.1000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.1266	0.1266	0.0000	0.0000	0.1267
<b>Total</b>	<b>6.0000e-005</b>	<b>4.0000e-005</b>	<b>4.5000e-004</b>	<b>0.0000</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>1.1000e-004</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.1266</b>	<b>0.1266</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.1267</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0755	0.5060	0.8380	3.5100e-003	0.2660	2.1000e-003	0.2681	0.0713	1.9600e-003	0.0733	0.0000	325.5810	325.5810	0.0167	0.0000	325.9985
Unmitigated	0.0755	0.5060	0.8380	3.5100e-003	0.2660	2.1000e-003	0.2681	0.0713	1.9600e-003	0.0733	0.0000	325.5810	325.5810	0.0167	0.0000	325.9985

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Hotel	292.73	292.73	292.73	698,504	698,504
Parking Lot	0.00	0.00	0.00		
Total	292.73	292.73	292.73	698,504	698,504

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Hotel	0.555935	0.035798	0.180985	0.113549	0.015175	0.004939	0.018497	0.064736	0.001364	0.001528	0.005807	0.000803	0.000884
Parking Lot	0.555935	0.035798	0.180985	0.113549	0.015175	0.004939	0.018497	0.064736	0.001364	0.001528	0.005807	0.000803	0.000884

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**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	248.3222	248.3222	0.0103	2.1200e-003	249.2106
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	248.3222	248.3222	0.0103	2.1200e-003	249.2106
NaturalGas Mitigated	0.0137	0.1245	0.1046	7.5000e-004		9.4600e-003	9.4600e-003		9.4600e-003	9.4600e-003	0.0000	135.5592	135.5592	2.6000e-003	2.4900e-003	136.3648
NaturalGas Unmitigated	0.0137	0.1245	0.1046	7.5000e-004		9.4600e-003	9.4600e-003		9.4600e-003	9.4600e-003	0.0000	135.5592	135.5592	2.6000e-003	2.4900e-003	136.3648

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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					
Hotel	2.54028e+006	0.0137	0.1245	0.1046	7.5000e-004		9.4600e-003	9.4600e-003		9.4600e-003	9.4600e-003	0.0000	135.5592	135.5592	2.6000e-003	2.4900e-003	136.3648
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0137</b>	<b>0.1245</b>	<b>0.1046</b>	<b>7.5000e-004</b>		<b>9.4600e-003</b>	<b>9.4600e-003</b>		<b>9.4600e-003</b>	<b>9.4600e-003</b>	<b>0.0000</b>	<b>135.5592</b>	<b>135.5592</b>	<b>2.6000e-003</b>	<b>2.4900e-003</b>	<b>136.3648</b>

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Hotel	2.54028e+006	0.0137	0.1245	0.1046	7.5000e-004		9.4600e-003	9.4600e-003		9.4600e-003	9.4600e-003	0.0000	135.5592	135.5592	2.6000e-003	2.4900e-003	136.3648
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0137</b>	<b>0.1245</b>	<b>0.1046</b>	<b>7.5000e-004</b>		<b>9.4600e-003</b>	<b>9.4600e-003</b>		<b>9.4600e-003</b>	<b>9.4600e-003</b>	<b>0.0000</b>	<b>135.5592</b>	<b>135.5592</b>	<b>2.6000e-003</b>	<b>2.4900e-003</b>	<b>136.3648</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			
Hotel	767884	244.6644	0.0101	2.0900e-003	245.5397
Parking Lot	11480	3.6578	1.5000e-004	3.0000e-005	3.6709
<b>Total</b>		<b>248.3222</b>	<b>0.0103</b>	<b>2.1200e-003</b>	<b>249.2106</b>

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Hotel	767884	244.6644	0.0101	2.0900e-003	245.5397
Parking Lot	11480	3.6578	1.5000e-004	3.0000e-005	3.6709
<b>Total</b>		<b>248.3222</b>	<b>0.0103</b>	<b>2.1200e-003</b>	<b>249.2106</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.1753	2.0000e-005	1.9800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.8500e-003	3.8500e-003	1.0000e-005	0.0000	4.1000e-003
Unmitigated	0.1753	2.0000e-005	1.9800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.8500e-003	3.8500e-003	1.0000e-005	0.0000	4.1000e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0201					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1551					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.8000e-004	2.0000e-005	1.9800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.8500e-003	3.8500e-003	1.0000e-005	0.0000	4.1000e-003
<b>Total</b>	<b>0.1753</b>	<b>2.0000e-005</b>	<b>1.9800e-003</b>	<b>0.0000</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>3.8500e-003</b>	<b>3.8500e-003</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>4.1000e-003</b>

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**6.2 Area by SubCategory**

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0201					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1551					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.8000e-004	2.0000e-005	1.9800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.8500e-003	3.8500e-003	1.0000e-005	0.0000	4.1000e-003
<b>Total</b>	<b>0.1753</b>	<b>2.0000e-005</b>	<b>1.9800e-003</b>	<b>0.0000</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>3.8500e-003</b>	<b>3.8500e-003</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>4.1000e-003</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

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	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	8.9984	0.0607	1.5000e-003	10.9616
Unmitigated	8.9984	0.0607	1.5000e-003	10.9616

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Hotel	1.85177 / 0.205753	8.9984	0.0607	1.5000e-003	10.9616
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>8.9984</b>	<b>0.0607</b>	<b>1.5000e-003</b>	<b>10.9616</b>

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**7.2 Water by Land Use**

**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Hotel	1.85177 / 0.205753	8.9984	0.0607	1.5000e-003	10.9616
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>8.9984</b>	<b>0.0607</b>	<b>1.5000e-003</b>	<b>10.9616</b>

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	8.1136	0.4795	0.0000	20.1010
Unmitigated	8.1136	0.4795	0.0000	20.1010

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**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Hotel	39.97	8.1136	0.4795	0.0000	20.1010
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>8.1136</b>	<b>0.4795</b>	<b>0.0000</b>	<b>20.1010</b>

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Hotel	39.97	8.1136	0.4795	0.0000	20.1010
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>8.1136</b>	<b>0.4795</b>	<b>0.0000</b>	<b>20.1010</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**

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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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