

# Appendix E

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Greenhouse Gas Emissions Modeling  
Data

Santa Teresa Commercial Building - Santa Clara County, Annual

**Santa Teresa Commercial Building**  
**Santa Clara County, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Quality Restaurant	7.12	1000sqft	0.16	7,116.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	58
<b>Climate Zone</b>	4			<b>Operational Year</b>	2021
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MW hr)</b>	641.35	<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 -

Construction Phase - No demo phase

Vehicle Trips - Trip generation rate based on the Transportation Analysis, default CalEEMod trips length is used. Total trips generated was 626.

Table Name	Column Name	Default Value	New Value
tblLandUse	LandUseSquareFeet	7,120.00	7,116.00
tblVehicleTrips	ST_TR	94.36	87.97
tblVehicleTrips	SU_TR	72.16	87.97
tblVehicleTrips	WD_TR	89.95	87.97

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**2.0 Emissions Summary**

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**2.1 Overall Construction**

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.0848	0.4832	0.4082	6.5000e-004	3.0100e-003	0.0281	0.0311	9.8000e-004	0.0259	0.0268	0.0000	57.2210	57.2210	0.0173	0.0000	57.6546
<b>Maximum</b>	<b>0.0848</b>	<b>0.4832</b>	<b>0.4082</b>	<b>6.5000e-004</b>	<b>3.0100e-003</b>	<b>0.0281</b>	<b>0.0311</b>	<b>9.8000e-004</b>	<b>0.0259</b>	<b>0.0268</b>	<b>0.0000</b>	<b>57.2210</b>	<b>57.2210</b>	<b>0.0173</b>	<b>0.0000</b>	<b>57.6546</b>

**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.0848	0.4832	0.4082	6.5000e-004	3.0100e-003	0.0281	0.0311	9.8000e-004	0.0259	0.0268	0.0000	57.2210	57.2210	0.0173	0.0000	57.6546
<b>Maximum</b>	<b>0.0848</b>	<b>0.4832</b>	<b>0.4082</b>	<b>6.5000e-004</b>	<b>3.0100e-003</b>	<b>0.0281</b>	<b>0.0311</b>	<b>9.8000e-004</b>	<b>0.0259</b>	<b>0.0268</b>	<b>0.0000</b>	<b>57.2210</b>	<b>57.2210</b>	<b>0.0173</b>	<b>0.0000</b>	<b>57.6546</b>

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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
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

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	4-1-2020	6-30-2020	0.2698	0.2698
2	7-1-2020	9-30-2020	0.2943	0.2943
		Highest	0.2943	0.2943

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	0.0315	0.0000	7.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.3000e-004	1.3000e-004	0.0000	0.0000	1.4000e-004
Energy	7.9800e-003	0.0725	0.0609	4.4000e-004		5.5100e-003	5.5100e-003		5.5100e-003	5.5100e-003	0.0000	146.6742	146.6742	4.5800e-003	2.0800e-003	147.4087
Mobile	0.1310	0.4770	1.1772	3.2900e-003	0.2763	3.0000e-003	0.2793	0.0740	2.8000e-003	0.0768	0.0000	300.9742	300.9742	0.0124	0.0000	301.2853
Waste						0.0000	0.0000		0.0000	0.0000	1.3194	0.0000	1.3194	0.0780	0.0000	3.2689
Water						0.0000	0.0000		0.0000	0.0000	0.6856	3.5424	4.2280	0.0706	1.7000e-003	6.4980
<b>Total</b>	<b>0.1705</b>	<b>0.5496</b>	<b>1.2382</b>	<b>3.7300e-003</b>	<b>0.2763</b>	<b>8.5100e-003</b>	<b>0.2848</b>	<b>0.0740</b>	<b>8.3100e-003</b>	<b>0.0823</b>	<b>2.0051</b>	<b>451.1910</b>	<b>453.1960</b>	<b>0.1656</b>	<b>3.7800e-003</b>	<b>458.4610</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	0.0315	0.0000	7.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.3000e-004	1.3000e-004	0.0000	0.0000	1.4000e-004
Energy	7.9800e-003	0.0725	0.0609	4.4000e-004		5.5100e-003	5.5100e-003		5.5100e-003	5.5100e-003	0.0000	146.6742	146.6742	4.5800e-003	2.0800e-003	147.4087
Mobile	0.1310	0.4770	1.1772	3.2900e-003	0.2763	3.0000e-003	0.2793	0.0740	2.8000e-003	0.0768	0.0000	300.9742	300.9742	0.0124	0.0000	301.2853
Waste						0.0000	0.0000		0.0000	0.0000	1.3194	0.0000	1.3194	0.0780	0.0000	3.2689
Water						0.0000	0.0000		0.0000	0.0000	0.6856	3.5424	4.2280	0.0706	1.7000e-003	6.4980
<b>Total</b>	<b>0.1705</b>	<b>0.5496</b>	<b>1.2382</b>	<b>3.7300e-003</b>	<b>0.2763</b>	<b>8.5100e-003</b>	<b>0.2848</b>	<b>0.0740</b>	<b>8.3100e-003</b>	<b>0.0823</b>	<b>2.0051</b>	<b>451.1910</b>	<b>453.1960</b>	<b>0.1656</b>	<b>3.7800e-003</b>	<b>458.4610</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	Site Preparation	Site Preparation	4/15/2020	4/15/2020	5	1	
2	Grading	Grading	4/16/2020	4/17/2020	5	2	
3	Building Construction	Building Construction	4/18/2020	9/4/2020	5	100	
4	Paving	Paving	9/5/2020	9/11/2020	5	5	
5	Architectural Coating	Architectural Coating	9/12/2020	9/18/2020	5	5	

**Acres of Grading (Site Preparation Phase): 0.5**

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

**Acres of Paving: 0**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 10,674; Non-Residential Outdoor: 3,558; 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
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

**Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	2	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	3.00	1.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

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**3.2 Site Preparation - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.7000e-004	0.0000	2.7000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.4000e-004	4.2200e-003	2.0500e-003	0.0000		1.7000e-004	1.7000e-004		1.5000e-004	1.5000e-004	0.0000	0.4280	0.4280	1.4000e-004	0.0000	0.4314
<b>Total</b>	<b>3.4000e-004</b>	<b>4.2200e-003</b>	<b>2.0500e-003</b>	<b>0.0000</b>	<b>2.7000e-004</b>	<b>1.7000e-004</b>	<b>4.4000e-004</b>	<b>3.0000e-005</b>	<b>1.5000e-004</b>	<b>1.8000e-004</b>	<b>0.0000</b>	<b>0.4280</b>	<b>0.4280</b>	<b>1.4000e-004</b>	<b>0.0000</b>	<b>0.4314</b>

**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	1.0000e-005	1.0000e-005	6.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0170	0.0170	0.0000	0.0000	0.0170
<b>Total</b>	<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0170</b>	<b>0.0170</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0170</b>



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**3.2 Site Preparation - 2020**

**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					2.7000e-004	0.0000	2.7000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.4000e-004	4.2200e-003	2.0500e-003	0.0000		1.7000e-004	1.7000e-004		1.5000e-004	1.5000e-004	0.0000	0.4280	0.4280	1.4000e-004	0.0000	0.4314
<b>Total</b>	<b>3.4000e-004</b>	<b>4.2200e-003</b>	<b>2.0500e-003</b>	<b>0.0000</b>	<b>2.7000e-004</b>	<b>1.7000e-004</b>	<b>4.4000e-004</b>	<b>3.0000e-005</b>	<b>1.5000e-004</b>	<b>1.8000e-004</b>	<b>0.0000</b>	<b>0.4280</b>	<b>0.4280</b>	<b>1.4000e-004</b>	<b>0.0000</b>	<b>0.4314</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	1.0000e-005	1.0000e-005	6.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0170	0.0170	0.0000	0.0000	0.0170
<b>Total</b>	<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0170</b>	<b>0.0170</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0170</b>

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**3.3 Grading - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					7.5000e-004	0.0000	7.5000e-004	4.1000e-004	0.0000	4.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.7000e-004	7.8700e-003	7.6200e-003	1.0000e-005		4.7000e-004	4.7000e-004		4.5000e-004	4.5000e-004	0.0000	1.0408	1.0408	2.0000e-004	0.0000	1.0457
<b>Total</b>	<b>8.7000e-004</b>	<b>7.8700e-003</b>	<b>7.6200e-003</b>	<b>1.0000e-005</b>	<b>7.5000e-004</b>	<b>4.7000e-004</b>	<b>1.2200e-003</b>	<b>4.1000e-004</b>	<b>4.5000e-004</b>	<b>8.6000e-004</b>	<b>0.0000</b>	<b>1.0408</b>	<b>1.0408</b>	<b>2.0000e-004</b>	<b>0.0000</b>	<b>1.0457</b>

**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	2.0000e-005	2.5000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0680	0.0680	0.0000	0.0000	0.0681
<b>Total</b>	<b>3.0000e-005</b>	<b>2.0000e-005</b>	<b>2.5000e-004</b>	<b>0.0000</b>	<b>8.0000e-005</b>	<b>0.0000</b>	<b>8.0000e-005</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.0680</b>	<b>0.0680</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0681</b>

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**3.3 Grading - 2020**

**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					7.5000e-004	0.0000	7.5000e-004	4.1000e-004	0.0000	4.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.7000e-004	7.8700e-003	7.6200e-003	1.0000e-005		4.7000e-004	4.7000e-004		4.5000e-004	4.5000e-004	0.0000	1.0408	1.0408	2.0000e-004	0.0000	1.0457
<b>Total</b>	<b>8.7000e-004</b>	<b>7.8700e-003</b>	<b>7.6200e-003</b>	<b>1.0000e-005</b>	<b>7.5000e-004</b>	<b>4.7000e-004</b>	<b>1.2200e-003</b>	<b>4.1000e-004</b>	<b>4.5000e-004</b>	<b>8.6000e-004</b>	<b>0.0000</b>	<b>1.0408</b>	<b>1.0408</b>	<b>2.0000e-004</b>	<b>0.0000</b>	<b>1.0457</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	3.0000e-005	2.0000e-005	2.5000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0680	0.0680	0.0000	0.0000	0.0681
<b>Total</b>	<b>3.0000e-005</b>	<b>2.0000e-005</b>	<b>2.5000e-004</b>	<b>0.0000</b>	<b>8.0000e-005</b>	<b>0.0000</b>	<b>8.0000e-005</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.0680</b>	<b>0.0680</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0681</b>

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**3.4 Building Construction - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0431	0.4426	0.3694	5.7000e-004		0.0261	0.0261		0.0240	0.0240	0.0000	50.0302	50.0302	0.0162	0.0000	50.4348
<b>Total</b>	<b>0.0431</b>	<b>0.4426</b>	<b>0.3694</b>	<b>5.7000e-004</b>		<b>0.0261</b>	<b>0.0261</b>		<b>0.0240</b>	<b>0.0240</b>	<b>0.0000</b>	<b>50.0302</b>	<b>50.0302</b>	<b>0.0162</b>	<b>0.0000</b>	<b>50.4348</b>

**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	2.0000e-004	5.6900e-003	1.5200e-003	1.0000e-005	3.3000e-004	3.0000e-005	3.6000e-004	1.0000e-004	3.0000e-005	1.2000e-004	0.0000	1.3072	1.3072	6.0000e-005	0.0000	1.3087
Worker	5.0000e-004	3.6000e-004	3.7500e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0202	1.0202	3.0000e-005	0.0000	1.0209
<b>Total</b>	<b>7.0000e-004</b>	<b>6.0500e-003</b>	<b>5.2700e-003</b>	<b>2.0000e-005</b>	<b>1.5200e-003</b>	<b>4.0000e-005</b>	<b>1.5600e-003</b>	<b>4.2000e-004</b>	<b>4.0000e-005</b>	<b>4.4000e-004</b>	<b>0.0000</b>	<b>2.3274</b>	<b>2.3274</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>2.3296</b>

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**3.4 Building Construction - 2020**

**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	0.0431	0.4426	0.3694	5.7000e-004		0.0261	0.0261		0.0240	0.0240	0.0000	50.0302	50.0302	0.0162	0.0000	50.4347
<b>Total</b>	<b>0.0431</b>	<b>0.4426</b>	<b>0.3694</b>	<b>5.7000e-004</b>		<b>0.0261</b>	<b>0.0261</b>		<b>0.0240</b>	<b>0.0240</b>	<b>0.0000</b>	<b>50.0302</b>	<b>50.0302</b>	<b>0.0162</b>	<b>0.0000</b>	<b>50.4347</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	2.0000e-004	5.6900e-003	1.5200e-003	1.0000e-005	3.3000e-004	3.0000e-005	3.6000e-004	1.0000e-004	3.0000e-005	1.2000e-004	0.0000	1.3072	1.3072	6.0000e-005	0.0000	1.3087
Worker	5.0000e-004	3.6000e-004	3.7500e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0202	1.0202	3.0000e-005	0.0000	1.0209
<b>Total</b>	<b>7.0000e-004</b>	<b>6.0500e-003</b>	<b>5.2700e-003</b>	<b>2.0000e-005</b>	<b>1.5200e-003</b>	<b>4.0000e-005</b>	<b>1.5600e-003</b>	<b>4.2000e-004</b>	<b>4.0000e-005</b>	<b>4.4000e-004</b>	<b>0.0000</b>	<b>2.3274</b>	<b>2.3274</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>2.3296</b>

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**3.5 Paving - 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	1.9300e-003	0.0181	0.0178	3.0000e-005		9.9000e-004	9.9000e-004		9.2000e-004	9.2000e-004	0.0000	2.3482	2.3482	6.8000e-004	0.0000	2.3653
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>1.9300e-003</b>	<b>0.0181</b>	<b>0.0178</b>	<b>3.0000e-005</b>		<b>9.9000e-004</b>	<b>9.9000e-004</b>		<b>9.2000e-004</b>	<b>9.2000e-004</b>	<b>0.0000</b>	<b>2.3482</b>	<b>2.3482</b>	<b>6.8000e-004</b>	<b>0.0000</b>	<b>2.3653</b>

**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	1.5000e-004	1.1000e-004	1.1300e-003	0.0000	3.6000e-004	0.0000	3.6000e-004	9.0000e-005	0.0000	1.0000e-004	0.0000	0.3061	0.3061	1.0000e-005	0.0000	0.3063
<b>Total</b>	<b>1.5000e-004</b>	<b>1.1000e-004</b>	<b>1.1300e-003</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>0.3061</b>	<b>0.3061</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.3063</b>

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**3.5 Paving - 2020**

**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	1.9300e-003	0.0181	0.0178	3.0000e-005		9.9000e-004	9.9000e-004		9.2000e-004	9.2000e-004	0.0000	2.3482	2.3482	6.8000e-004	0.0000	2.3653
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>1.9300e-003</b>	<b>0.0181</b>	<b>0.0178</b>	<b>3.0000e-005</b>		<b>9.9000e-004</b>	<b>9.9000e-004</b>		<b>9.2000e-004</b>	<b>9.2000e-004</b>	<b>0.0000</b>	<b>2.3482</b>	<b>2.3482</b>	<b>6.8000e-004</b>	<b>0.0000</b>	<b>2.3653</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	1.5000e-004	1.1000e-004	1.1300e-003	0.0000	3.6000e-004	0.0000	3.6000e-004	9.0000e-005	0.0000	1.0000e-004	0.0000	0.3061	0.3061	1.0000e-005	0.0000	0.3063
<b>Total</b>	<b>1.5000e-004</b>	<b>1.1000e-004</b>	<b>1.1300e-003</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>0.3061</b>	<b>0.3061</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.3063</b>

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**3.6 Architectural Coating - 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					
Archit. Coating	0.0371					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.1000e-004	4.2100e-003	4.5800e-003	1.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004	0.0000	0.6383	0.6383	5.0000e-005	0.0000	0.6396
<b>Total</b>	<b>0.0377</b>	<b>4.2100e-003</b>	<b>4.5800e-003</b>	<b>1.0000e-005</b>		<b>2.8000e-004</b>	<b>2.8000e-004</b>		<b>2.8000e-004</b>	<b>2.8000e-004</b>	<b>0.0000</b>	<b>0.6383</b>	<b>0.6383</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>0.6396</b>

**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	1.0000e-005	1.0000e-005	6.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0170	0.0170	0.0000	0.0000	0.0170
<b>Total</b>	<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0170</b>	<b>0.0170</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0170</b>



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**3.6 Architectural Coating - 2020**

**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	0.0371					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.1000e-004	4.2100e-003	4.5800e-003	1.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004	0.0000	0.6383	0.6383	5.0000e-005	0.0000	0.6396
<b>Total</b>	<b>0.0377</b>	<b>4.2100e-003</b>	<b>4.5800e-003</b>	<b>1.0000e-005</b>		<b>2.8000e-004</b>	<b>2.8000e-004</b>		<b>2.8000e-004</b>	<b>2.8000e-004</b>	<b>0.0000</b>	<b>0.6383</b>	<b>0.6383</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>0.6396</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	1.0000e-005	1.0000e-005	6.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0170	0.0170	0.0000	0.0000	0.0170
<b>Total</b>	<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0170</b>	<b>0.0170</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0170</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

	ROG	NOx	CO	SO2	Fugitive 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	0.1310	0.4770	1.1772	3.2900e-003	0.2763	3.0000e-003	0.2793	0.0740	2.8000e-003	0.0768	0.0000	300.9742	300.9742	0.0124	0.0000	301.2853
Unmitigated	0.1310	0.4770	1.1772	3.2900e-003	0.2763	3.0000e-003	0.2793	0.0740	2.8000e-003	0.0768	0.0000	300.9742	300.9742	0.0124	0.0000	301.2853

**4.2 Trip Summary Information**

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Quality Restaurant	626.35	626.35	626.35	742,951	742,951
Total	626.35	626.35	626.35	742,951	742,951

**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
Quality Restaurant	9.50	7.30	7.30	12.00	69.00	19.00	38	18	44

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Quality Restaurant	0.607897	0.037434	0.184004	0.107261	0.014919	0.004991	0.012447	0.020659	0.002115	0.001554	0.005334	0.000623	0.000761

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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	67.7345	67.7345	3.0600e-003	6.3000e-004	67.9999
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	67.7345	67.7345	3.0600e-003	6.3000e-004	67.9999
NaturalGas Mitigated	7.9800e-003	0.0725	0.0609	4.4000e-004		5.5100e-003	5.5100e-003		5.5100e-003	5.5100e-003	0.0000	78.9397	78.9397	1.5100e-003	1.4500e-003	79.4088
NaturalGas Unmitigated	7.9800e-003	0.0725	0.0609	4.4000e-004		5.5100e-003	5.5100e-003		5.5100e-003	5.5100e-003	0.0000	78.9397	78.9397	1.5100e-003	1.4500e-003	79.4088

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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					
Quality Restaurant	1.47927e+006	7.9800e-003	0.0725	0.0609	4.4000e-004		5.5100e-003	5.5100e-003		5.5100e-003	5.5100e-003	0.0000	78.9397	78.9397	1.5100e-003	1.4500e-003	79.4088
<b>Total</b>		<b>7.9800e-003</b>	<b>0.0725</b>	<b>0.0609</b>	<b>4.4000e-004</b>		<b>5.5100e-003</b>	<b>5.5100e-003</b>		<b>5.5100e-003</b>	<b>5.5100e-003</b>	<b>0.0000</b>	<b>78.9397</b>	<b>78.9397</b>	<b>1.5100e-003</b>	<b>1.4500e-003</b>	<b>79.4088</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					
Quality Restaurant	1.47927e+006	7.9800e-003	0.0725	0.0609	4.4000e-004		5.5100e-003	5.5100e-003		5.5100e-003	5.5100e-003	0.0000	78.9397	78.9397	1.5100e-003	1.4500e-003	79.4088
<b>Total</b>		<b>7.9800e-003</b>	<b>0.0725</b>	<b>0.0609</b>	<b>4.4000e-004</b>		<b>5.5100e-003</b>	<b>5.5100e-003</b>		<b>5.5100e-003</b>	<b>5.5100e-003</b>	<b>0.0000</b>	<b>78.9397</b>	<b>78.9397</b>	<b>1.5100e-003</b>	<b>1.4500e-003</b>	<b>79.4088</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			
Quality Restaurant	232836	67.7345	3.0600e-003	6.3000e-004	67.9999
<b>Total</b>		<b>67.7345</b>	<b>3.0600e-003</b>	<b>6.3000e-004</b>	<b>67.9999</b>

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Quality Restaurant	232836	67.7345	3.0600e-003	6.3000e-004	67.9999
<b>Total</b>		<b>67.7345</b>	<b>3.0600e-003</b>	<b>6.3000e-004</b>	<b>67.9999</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	0.0315	0.0000	7.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.3000e-004	1.3000e-004	0.0000	0.0000	1.4000e-004
Unmitigated	0.0315	0.0000	7.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.3000e-004	1.3000e-004	0.0000	0.0000	1.4000e-004

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	3.7100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0278					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-005	0.0000	7.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.3000e-004	1.3000e-004	0.0000	0.0000	1.4000e-004
<b>Total</b>	<b>0.0315</b>	<b>0.0000</b>	<b>7.0000e-005</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>1.3000e-004</b>	<b>1.3000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.4000e-004</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	3.7100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0278					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-005	0.0000	7.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.3000e-004	1.3000e-004	0.0000	0.0000	1.4000e-004
<b>Total</b>	<b>0.0315</b>	<b>0.0000</b>	<b>7.0000e-005</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>1.3000e-004</b>	<b>1.3000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.4000e-004</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	4.2280	0.0706	1.7000e-003	6.4980
Unmitigated	4.2280	0.0706	1.7000e-003	6.4980

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Quality Restaurant	2.16116 / 0.137946	4.2280	0.0706	1.7000e-003	6.4980
<b>Total</b>		<b>4.2280</b>	<b>0.0706</b>	<b>1.7000e-003</b>	<b>6.4980</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			
Quality Restaurant	2.16116 / 0.137946	4.2280	0.0706	1.7000e-003	6.4980
<b>Total</b>		<b>4.2280</b>	<b>0.0706</b>	<b>1.7000e-003</b>	<b>6.4980</b>

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1.3194	0.0780	0.0000	3.2689
Unmitigated	1.3194	0.0780	0.0000	3.2689

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**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Quality Restaurant	6.5	1.3194	0.0780	0.0000	3.2689
<b>Total</b>		<b>1.3194</b>	<b>0.0780</b>	<b>0.0000</b>	<b>3.2689</b>

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Quality Restaurant	6.5	1.3194	0.0780	0.0000	3.2689
<b>Total</b>		<b>1.3194</b>	<b>0.0780</b>	<b>0.0000</b>	<b>3.2689</b>

**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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**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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