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# APPENDIX A

## CALEEMOD MODELING RESULTS



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Main St Medical Office Buildings Existing Condition - Orange County, Annual

**Main St Medical Office Buildings Existing Condition  
Orange County, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	20.88	1000sqft	0.48	20,882.00	0
Parking Lot	26.00	Space	0.12	10,400.00	0
Motel	12.00	Room	0.54	23,522.40	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	30
<b>Climate Zone</b>	8			<b>Operational Year</b>	2020
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MW hr)</b>	513	<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**

Main St Medical Office Buildings Existing Condition - Orange County, Annual

Project Characteristics - SCE CO2 Intensity Factor based on 2018 SCE Sustainability Report.

Land Use - Project site is 1.14 acres

Construction Phase - No construction activity

Off-road Equipment - no equipment

Trips and VMT - none

On-road Fugitive Dust - 0

Grading -

Vehicle Trips - Land Use Code (720) Medical Dental Office and (320) Motel, ITE Trip Generation Manual, 10th Edition

Energy Use -

## Main St Medical Office Buildings Existing Condition - Orange County, Annual

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	22202	19801
tblAreaCoating	Area_Nonresidential_Interior	66607	59402
tblConstructionPhase	NumDays	2.00	0.00
tblLandUse	LandUseSquareFeet	20,880.00	20,882.00
tblLandUse	LotAcreage	0.23	0.12
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOnRoadDust	RoadSiltLoading	0.10	0.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	513
tblSolidWaste	SolidWasteGenerationRate	225.50	173.66
tblVehicleTrips	ST_TR	5.63	3.35
tblVehicleTrips	SU_TR	5.63	3.35
tblVehicleTrips	WD_TR	36.13	34.80
tblVehicleTrips	WD_TR	5.63	3.35
tblWater	IndoorWaterUseRate	2,620,033.62	2,017,727.04
tblWater	OutdoorWaterUseRate	499,054.02	384,328.96

## 2.0 Emissions Summary

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Main St Medical Office Buildings Existing Condition - Orange County, Annual

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	0.1797	1.0000e-005	7.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.4600e-003	1.4600e-003	0.0000	0.0000	1.5600e-003
Energy	5.3700e-003	0.0489	0.0410	2.9000e-004		3.7100e-003	3.7100e-003		3.7100e-003	3.7100e-003	0.0000	171.4833	171.4833	7.7100e-003	2.3600e-003	172.3789
Mobile	0.1575	0.6636	1.9462	6.7000e-003	0.5777	6.8400e-003	0.5845	0.1547	6.4200e-003	0.1611	0.0000	616.7994	616.7994	0.0273	0.0000	617.4818
Waste						0.0000	0.0000		0.0000	0.0000	36.5851	0.0000	36.5851	2.1621	0.0000	90.6379
Water						0.0000	0.0000		0.0000	0.0000	0.7367	8.1168	8.8535	0.0761	1.8800e-003	11.3174
<b>Total</b>	<b>0.3425</b>	<b>0.7125</b>	<b>1.9880</b>	<b>6.9900e-003</b>	<b>0.5777</b>	<b>0.0106</b>	<b>0.5882</b>	<b>0.1547</b>	<b>0.0101</b>	<b>0.1648</b>	<b>37.3218</b>	<b>796.4010</b>	<b>833.7228</b>	<b>2.2733</b>	<b>4.2400e-003</b>	<b>891.8176</b>

Main St Medical Office Buildings Existing Condition - Orange County, Annual

**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.1797	1.0000e-005	7.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.4600e-003	1.4600e-003	0.0000	0.0000	1.5600e-003
Energy	5.3700e-003	0.0489	0.0410	2.9000e-004		3.7100e-003	3.7100e-003		3.7100e-003	3.7100e-003	0.0000	171.4833	171.4833	7.7100e-003	2.3600e-003	172.3789
Mobile	0.1575	0.6636	1.9462	6.7000e-003	0.5777	6.8400e-003	0.5845	0.1547	6.4200e-003	0.1611	0.0000	616.7994	616.7994	0.0273	0.0000	617.4818
Waste						0.0000	0.0000		0.0000	0.0000	36.5851	0.0000	36.5851	2.1621	0.0000	90.6379
Water						0.0000	0.0000		0.0000	0.0000	0.7367	8.1168	8.8535	0.0761	1.8800e-003	11.3174
<b>Total</b>	<b>0.3425</b>	<b>0.7125</b>	<b>1.9880</b>	<b>6.9900e-003</b>	<b>0.5777</b>	<b>0.0106</b>	<b>0.5882</b>	<b>0.1547</b>	<b>0.0101</b>	<b>0.1648</b>	<b>37.3218</b>	<b>796.4010</b>	<b>833.7228</b>	<b>2.2733</b>	<b>4.2400e-003</b>	<b>891.8176</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**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	2/1/2020	2/1/2020	5	0	

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



Main St Medical Office Buildings Existing Condition - Orange County, Annual

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

**Acres of Paving: 0.12**

**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
Site Preparation	Graders	0	8.00	187	0.41
Site Preparation	Rubber Tired Dozers	0	7.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37

**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	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**



Main St Medical Office Buildings Existing Condition - Orange County, Annual

**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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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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Main St Medical Office Buildings Existing Condition - Orange County, Annual

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	0.1575	0.6636	1.9462	6.7000e-003	0.5777	6.8400e-003	0.5845	0.1547	6.4200e-003	0.1611	0.0000	616.7994	616.7994	0.0273	0.0000	617.4818
Unmitigated	0.1575	0.6636	1.9462	6.7000e-003	0.5777	6.8400e-003	0.5845	0.1547	6.4200e-003	0.1611	0.0000	616.7994	616.7994	0.0273	0.0000	617.4818

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Medical Office Building	726.62	187.08	32.36	1,427,574	1,427,574
Motel	40.20	40.20	40.20	95,600	95,600
Parking Lot	0.00	0.00	0.00		
Total	766.82	227.28	72.56	1,523,174	1,523,174

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	60	30	10
Motel	16.60	8.40	6.90	19.00	62.00	19.00	58	38	4
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

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**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Medical Office Building	0.555968	0.043848	0.210359	0.116378	0.016765	0.005795	0.025008	0.016160	0.001677	0.001586	0.004867	0.000586	0.001002
Motel	0.555968	0.043848	0.210359	0.116378	0.016765	0.005795	0.025008	0.016160	0.001677	0.001586	0.004867	0.000586	0.001002
Parking Lot	0.555968	0.043848	0.210359	0.116378	0.016765	0.005795	0.025008	0.016160	0.001677	0.001586	0.004867	0.000586	0.001002

**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	118.3061	118.3061	6.6900e-003	1.3800e-003	118.8857
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	118.3061	118.3061	6.6900e-003	1.3800e-003	118.8857
NaturalGas Mitigated	5.3700e-003	0.0489	0.0410	2.9000e-004		3.7100e-003	3.7100e-003		3.7100e-003	3.7100e-003	0.0000	53.1772	53.1772	1.0200e-003	9.7000e-004	53.4932
NaturalGas Unmitigated	5.3700e-003	0.0489	0.0410	2.9000e-004		3.7100e-003	3.7100e-003		3.7100e-003	3.7100e-003	0.0000	53.1772	53.1772	1.0200e-003	9.7000e-004	53.4932

Main St Medical Office Buildings Existing Condition - Orange 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					
Medical Office Building	190861	1.0300e-003	9.3600e-003	7.8600e-003	6.0000e-005		7.1000e-004	7.1000e-004		7.1000e-004	7.1000e-004	0.0000	10.1851	10.1851	2.0000e-004	1.9000e-004	10.2456
Motel	805642	4.3400e-003	0.0395	0.0332	2.4000e-004		3.0000e-003	3.0000e-003		3.0000e-003	3.0000e-003	0.0000	42.9921	42.9921	8.2000e-004	7.9000e-004	43.2476
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>5.3700e-003</b>	<b>0.0489</b>	<b>0.0410</b>	<b>3.0000e-004</b>		<b>3.7100e-003</b>	<b>3.7100e-003</b>		<b>3.7100e-003</b>	<b>3.7100e-003</b>	<b>0.0000</b>	<b>53.1772</b>	<b>53.1772</b>	<b>1.0200e-003</b>	<b>9.8000e-004</b>	<b>53.4932</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					
Medical Office Building	190861	1.0300e-003	9.3600e-003	7.8600e-003	6.0000e-005		7.1000e-004	7.1000e-004		7.1000e-004	7.1000e-004	0.0000	10.1851	10.1851	2.0000e-004	1.9000e-004	10.2456
Motel	805642	4.3400e-003	0.0395	0.0332	2.4000e-004		3.0000e-003	3.0000e-003		3.0000e-003	3.0000e-003	0.0000	42.9921	42.9921	8.2000e-004	7.9000e-004	43.2476
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>5.3700e-003</b>	<b>0.0489</b>	<b>0.0410</b>	<b>3.0000e-004</b>		<b>3.7100e-003</b>	<b>3.7100e-003</b>		<b>3.7100e-003</b>	<b>3.7100e-003</b>	<b>0.0000</b>	<b>53.1772</b>	<b>53.1772</b>	<b>1.0200e-003</b>	<b>9.8000e-004</b>	<b>53.4932</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			
Medical Office Building	292139	67.9787	3.8400e-003	8.0000e-004	68.3117
Motel	212642	49.4804	2.8000e-003	5.8000e-004	49.7228
Parking Lot	3640	0.8470	5.0000e-005	1.0000e-005	0.8512
<b>Total</b>		<b>118.3061</b>	<b>6.6900e-003</b>	<b>1.3900e-003</b>	<b>118.8856</b>

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Medical Office Building	292139	67.9787	3.8400e-003	8.0000e-004	68.3117
Motel	212642	49.4804	2.8000e-003	5.8000e-004	49.7228
Parking Lot	3640	0.8470	5.0000e-005	1.0000e-005	0.8512
<b>Total</b>		<b>118.3061</b>	<b>6.6900e-003</b>	<b>1.3900e-003</b>	<b>118.8856</b>

**6.0 Area Detail**

Main St Medical Office Buildings Existing Condition - Orange County, Annual

**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.1797	1.0000e-005	7.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.4600e-003	1.4600e-003	0.0000	0.0000	1.5600e-003
Unmitigated	0.1797	1.0000e-005	7.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.4600e-003	1.4600e-003	0.0000	0.0000	1.5600e-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	0.0185					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1611					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	7.0000e-005	1.0000e-005	7.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.4600e-003	1.4600e-003	0.0000	0.0000	1.5600e-003
<b>Total</b>	<b>0.1797</b>	<b>1.0000e-005</b>	<b>7.6000e-004</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>1.4600e-003</b>	<b>1.4600e-003</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.5600e-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	0.0185					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1611					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	7.0000e-005	1.0000e-005	7.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.4600e-003	1.4600e-003	0.0000	0.0000	1.5600e-003
<b>Total</b>	<b>0.1797</b>	<b>1.0000e-005</b>	<b>7.6000e-004</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>1.4600e-003</b>	<b>1.4600e-003</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.5600e-003</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

Main St Medical Office Buildings Existing Condition - Orange County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	8.8535	0.0761	1.8800e-003	11.3174
Unmitigated	8.8535	0.0761	1.8800e-003	11.3174

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Medical Office Building	2.01773 / 0.384329	7.7472	0.0662	1.6400e-003	9.8883
Motel	0.304401 / 0.0338224	1.1063	9.9800e-003	2.5000e-004	1.4290
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>8.8535</b>	<b>0.0761</b>	<b>1.8900e-003</b>	<b>11.3174</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			
Medical Office Building	2.01773 / 0.384329	7.7472	0.0662	1.6400e-003	9.8883
Motel	0.304401 / 0.0338224	1.1063	9.9800e-003	2.5000e-004	1.4290
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>8.8535</b>	<b>0.0761</b>	<b>1.8900e-003</b>	<b>11.3174</b>

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

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**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	36.5851	2.1621	0.0000	90.6379
Unmitigated	36.5851	2.1621	0.0000	90.6379

**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Medical Office Building	173.66	35.2514	2.0833	0.0000	87.3339
Motel	6.57	1.3337	0.0788	0.0000	3.3041
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>36.5851</b>	<b>2.1621</b>	<b>0.0000</b>	<b>90.6379</b>

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**8.2 Waste by Land Use**

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Medical Office Building	173.66	35.2514	2.0833	0.0000	87.3339
Motel	6.57	1.3337	0.0788	0.0000	3.3041
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>36.5851</b>	<b>2.1621</b>	<b>0.0000</b>	<b>90.6379</b>

**9.0 Operational Offroad**

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

**Fire Pumps and Emergency Generators**

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

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

Equipment Type	Number
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**11.0 Vegetation**

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