

Appendix D: Energy Supporting Information

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Energy Supporting Information

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Blue Wave CarWash Energy Use Summary

Summary of Energy Use During Construction		(Annually)
Construction vehicle fuel		3,563 gallons (gasoline, diesel)
Construction equipment fuel		25,456 gallons (diesel)
Total construction fuel		29,019 gallons (gasoline, diesel)
Construction office electricity		11,210 kilowatt hours

Summary of Energy Use During Operations		(Annually)
Operation vehicle fuel		48,784 gallons (gasoline, diesel)
Operation natural gas		94,246 kilo-British Thermal Units
Operation electricity		32,800 kilowatt hours

Construction Vehicle Fuel Calculations

California Air Resource Board (ARB). 2020. EMFAC2017 Web Database. Website: <https://arb.ca.gov/emfac/emissions-inventory/980645d72b46a91194d7a938f8e5969ae547e185>. Accessed November 16, 2021.

VMT = Vehicle Miles Traveled

FE = Fuel Economy

Source: EMFAC2017 (v1.0.3) Emissions Inventory

Region Type: County

Region: Contra Costa

Calendar Year: 2022

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	CalYr	VehClass	MdYr	Speed	Fuel	Population	VMT (mi/day)	Trips	Fuel_Consumption (1000 gallons/day)	Calculations	
										FE (mi/gallon)	VMT*FE
CONTRA COSTA	2022	HHDT	Aggregate	Aggregate	Gasoline	2.5349164	301.8259676	50.71861	0.069646	4.333743943	1308.036459
CONTRA COSTA	2022	HHDT	Aggregate	Aggregate	Diesel	5105.8439	613053.9427	53658.4	94.88841	6.460788625	3960811.94
CONTRA COSTA	2022	LDA	Aggregate	Aggregate	Gasoline	406764.18	15187755.46	1907272	475.6805	31.92848136	484921967.2
CONTRA COSTA	2022	LDA	Aggregate	Aggregate	Diesel	4374.9111	166665.1213	20493.86	3.399412	49.02763374	8171196.523
CONTRA COSTA	2022	LDT1	Aggregate	Aggregate	Gasoline	42354.894	1545907.262	193520.3	56.75879	27.23643776	42105006.92
CONTRA COSTA	2022	LDT1	Aggregate	Aggregate	Diesel	25.512189	433.7834982	84.9741	0.018236	23.7870275	10318.42
CONTRA COSTA	2022	LDT2	Aggregate	Aggregate	Gasoline	135599.98	5098411.432	629871.6	202.5641	25.16937576	128323833.1
CONTRA COSTA	2022	LDT2	Aggregate	Aggregate	Diesel	892.36102	38629.11799	4359.56	1.078935	35.80299918	1383038.28
CONTRA COSTA	2022	LHDT1	Aggregate	Aggregate	Gasoline	10265.405	359337.9754	152939.2	42.85715	8.384550854	3012887.529
CONTRA COSTA	2022	LHDT1	Aggregate	Aggregate	Diesel	8507.028	314064.8585	107007.7	17.32189	18.13109925	5694341.119
CONTRA COSTA	2022	LHDT2	Aggregate	Aggregate	Gasoline	1256.0715	45228.56926	18713.59	6.13035	7.377811513	333687.859
CONTRA COSTA	2022	LHDT2	Aggregate	Aggregate	Diesel	2875.296	108500.5301	36167.61	6.697944	16.19907913	1757608.672
CONTRA COSTA	2022	MHDT	Aggregate	Aggregate	Gasoline	784.62204	43965.29798	15698.72	167.0732	0.263149912	11569.46428
CONTRA COSTA	2022	MHDT	Aggregate	Aggregate	Diesel	4738.9781	262272.9132	45814.46	3.237472	81.0116406	21247158.98

Worker	
Sum of VMT*FE (Column BI)	664915360.4
Total VMT	22037802.18
Weighted Average FE	30.17158222

Vendor	
Sum of VMT*FE (Column BI)	36019373.6
Total VMT	1746725.913
Weighted Average FE	20.62107932

Haul	
Sum of VMT*FE (Column BI)	3962119.976
Total VMT	613355.7687
Weighted Average FE	6.459741929

Bluewave Carwash Project Construction Assumptions

On-site Construction

Blue Wave Carwash-Construction Run - Contra Costa County, Annual

Date: 11/11/2021 10:56:00 AM

Construction Schedule	Phase Name	Phase Type	Start Date	End Date	Num Days	
					Week	Num Days
	Site Preparation	Site Preparation	2/1/2022	7/4/2022	5	110
	Grading	Grading	2/1/2022	2/21/2022	5	15
	Building Construction	Building Construction	5/27/2022	12/29/2022	5	155
	Paving	Paving	4/4/2022	4/22/2022	5	15
	Architectural Coating	Architectural Coating	8/8/2022	8/19/2022	5	10

Trips and VMT	Phase Name	Trips per Day		Total Trips		Trips per Phase			VMT per Phase			Fuel Consumption (gallons)		
		Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Vendor Vel Num Days	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trips	Vendor Trips	Hauling Trips
	Site Preparation	5	0	0	10.8	7.3	20 HDT_Mix	110 550	0	0	5,940	0	0	196.87
	Grading	15	0	399	10.8	7.3	20 HDT_Mix	15 225	0	399	2,430	0	7,980	80.54
	Building Construction	25	10	0	10.8	7.3	20 HDT_Mix	155 3,875	1,550	0	41,850	11,315	0	1,387.07
	Paving	5	0	0	10.8	7.3	20	15 75	0	0	810	0	0	26.85
	Architectural Coating	5	0	0	10.8	7.3	20 HDT_Mix	10 50	0	0	540	0	0	17.90

On-site Total Construction VMT (miles)

70,865

On-Site Total Fuel Consumption (gallons)

3,493

Off-site Improvements Construction

Blue Wave Carwash-Off-Site Construction Run - Contra Costa County, Annual

Date: 11/12/2021 10:12 AM

Construction Schedule	Phase Name	Phase Type	Start Date	End Date	Num Days	
					Week	Num Days
	Grading	Grading	2/2/2022	2/3/2022	5	2
	Paving	Paving	2/4/2022	2/10/2022	5	5

Trips and VMT	Phase Name	Trips per Day		Total Trips		Trips per Phase			VMT per Phase			Fuel Consumption (gallons)		
		Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Vendor Vel Num Days	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trips	Vendor Trips	Hauling Trips
	Grading	8	0	0	10.8	7.3	20 HDT_Mix	15 120	0	0	1,296	0	0	42.95
	Paving	5	0	0	10.8	7.3	20	15 75	0	0	810	0	0	26.85

On-site Total Construction VMT (miles)

2,106

On-Site Total Fuel Consumption (gallons)

70

Total Construction VMT (On-site + Off-site) 72,971

Total Construction Fuel Consumption (On-site + Off-site) 3,563

Construction Equipment Fuel Calculation**On-site**

CalEEMod output file: Blue Wave Carwash-Construction Run - Contra Costa County, Annual

Time stamp: 11/11/2021 10:56

Construction Schedule	Phase Name	Phase Type	Start Date	End Date	Num Days	
					Week	Num Days
	Site Preparation	Site Preparation	2/1/2022	7/4/2022	5	110
	Grading	Grading	2/1/2022	2/21/2022	5	15
	Building Construction	Building Construction	5/27/2022	12/29/2022	5	155
	Paving	Paving	4/4/2022	4/22/2022	5	15
	Architectural Coating	Architectural Coating	8/8/2022	8/19/2022	5	10

Construction Equipment	Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load	Number of	HP Hours	Diesel Fuel Usage
						Factor	Days		
	Site Preparation	Graders	1	8	187	0.41	110	67,469.60	3,373.48
	Site Preparation	Excavators	1	8	158	0.38	110	52,835.20	2,641.76
	Grading	Plate Compactors	1	8	8	0.43	15	412.80	20.64
	Grading	Rollers	1	8	80	0.38	15	3,648.00	182.40
	Grading	Rubber Tired Dozers	1	8	247	0.4	15	11,856.00	592.80
	Grading	Tractors/Loaders/Backhoes	2	7	97	0.37	15	7,536.90	376.85
	Building Construction	Bore/Drill Rigs	1	8	221	0.5	155	137,020.00	6,851.00
	Building Construction	Forklifts	1	6	89	0.2	155	16,554.00	827.70
	Building Construction	Cement and Mortar Mixers	1	8	9	0.56	155	6,249.60	312.48
	Building Construction	Rough Terrain Forklifts	1	8	100	0.4	155	49,600.00	2,480.00
	Building Construction	Skid Steer Loaders	1	8	65	0.37	155	29,822.00	1,491.10
	Building Construction	Tractors/Loaders/Backhoes	1	6	97	0.37	155	33,377.70	1,668.89
	Building Construction	Welders	3	8	46	0.45	155	77,004.00	3,850.20
	Paving	Cement and Mortar Mixers	1	8	9	0.56	15	604.80	30.24
	Paving	Rollers	2	8	80	0.38	15	7,296.00	364.80
	Architectural Coating	Air Compressors	1	6	78	0.48	10	2,246.40	112.32
Construction Equipment Fuel Consumption									25,176.65 gallons

Off-site Improvements

CalEEMod output file: Blue Wave Carwash-Off-Site Construction Run - Contra Costa County, Annual

Time stamp: Date: 11/12/2021 10:12 AM

Construction Schedule	Phase Name	Phase Type	Start Date	End Date	Num Days	
					Week	Num Days
	Grading	Grading	2/2/2022	2/3/2022	5	2
	Paving	Paving	2/4/2022	2/10/2022	5	5

Construction Equipment	Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load	Number of	HP Hours	Diesel Fuel Usage
						Factor	Days		
	Grading	Graders	1	6	187	0.41	2	920.04	46.00
	Grading	Rubber Tired Dozers	1	6	247	0.4	2	1,185.60	59.28
	Grading	Tractors/Loaders/Backhoes	1	7	97	0.37	2	502.46	25.12
	Paving	Pavers	1	7	130	0.42	5	1,911.00	95.55
	Paving	Rollers	1	7	80	0.38	5	1,064.00	53.20
Construction Equipment Fuel Consumption									279.16 gallons

Total Construction Equipment Fuel Consumption (on-site + off-site improvements)**25,455.81 gallons****Notes:**

Equipment assumptions are provided in the CalEEMod output files.

Fuel usage estimate of 0.05 gallons of diesel fuel per horsepower-hour is from the SCAQMD CEQA Air Quality Handbook, Table A9-3E.

South Coast Air Quality Management District. 1993. Air Quality Handbook, Table A9-3E.

Website: <http://www.aqmd.gov/home/rules-compliance/ceqa/air-quality-analysis-handbook>. Accessed October 30, 2020.

Construction Office Electricity Calculation

Energy Appendix: CalEEMod Typical Construction Trailer
Typical Construction Trailer - Contra Costa County, Annual
Date: 11/17/2021 10:04 AM

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	12362.4	1.1438	1.9000e-004	2.0000e-005	1.1551
Total		1.1438	1.9000e-004	2.0000e-005	1.1551

kWh/yr = kilowatt hours per year

Energy by Land Use - Electricity

Annual	12,362 kWh/yr
Total Over Construction	11,210 kWh

Total Construction Schedule

Start	2/1/2022
End	12/29/2022
Total Calendar Days	331
Years	0.91

Proposed Operation Fuel Calculation

California Air Resource Board (ARB). 2020. EMFAC2017 Web Database. Website: <https://arb.ca.gov/emfac/emissions-inventory/980645d72b46a91194d7a938f8e5969ae547e185>. Accessed November 16, 2021.

Source: EMFAC2017 (v1.0.3) Emissions Inventory

Region Type: County

Region: Contra Costa

Calendar Year: 2022

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

VMT = Vehicle Miles Traveled

FE = Fuel Economy

Given**Calculations**

Region	CalYr	VehClass	MdlYr	Speed	Fuel	Population	VMT	Fuel Consumption	FE	VMT*FE
CONTRA COSTA	2022	HHDT	Aggregate	Aggregate	Gasoline	2.534916399	301.8259676	0.069645547	4.333744	1308.036459
CONTRA COSTA	2022	HHDT	Aggregate	Aggregate	Diesel	5105.843934	613053.9427	94.88840732	6.460789	3960811.94
CONTRA COSTA	2022	LDA	Aggregate	Aggregate	Gasoline	406764.181	15187755.46	475.680484	31.92848	484921967.2
CONTRA COSTA	2022	LDA	Aggregate	Aggregate	Diesel	4374.911146	166665.1213	3.399411894	49.02763	8171196.523
CONTRA COSTA	2022	LDT1	Aggregate	Aggregate	Gasoline	42354.89435	1545907.262	56.7587904	27.23644	42105006.92
CONTRA COSTA	2022	LDT1	Aggregate	Aggregate	Diesel	25.51218915	433.7834982	0.018236137	23.78703	10318.42
CONTRA COSTA	2022	LDT2	Aggregate	Aggregate	Gasoline	135599.98	5098411.432	202.5640795	25.16938	128323833.1
CONTRA COSTA	2022	LDT2	Aggregate	Aggregate	Diesel	892.3610186	38629.11799	1.078935253	35.803	1383038.28
CONTRA COSTA	2022	LHDT1	Aggregate	Aggregate	Gasoline	10265.40549	359337.9754	42.8571526	8.384551	3012887.529
CONTRA COSTA	2022	LHDT1	Aggregate	Aggregate	Diesel	8507.028001	314064.8585	17.32188734	18.1311	5694341.119
CONTRA COSTA	2022	LHDT2	Aggregate	Aggregate	Gasoline	1256.071524	45228.56926	6.130350332	7.377812	333687.859
CONTRA COSTA	2022	LHDT2	Aggregate	Aggregate	Diesel	2875.295997	108500.5301	6.697944325	16.19908	1757608.672
CONTRA COSTA	2022	MCY	Aggregate	Aggregate	Gasoline	19837.72071	150512.3942	4.031435304	37.33469	5619333.835
CONTRA COSTA	2022	MDV	Aggregate	Aggregate	Gasoline	97337.9952	3407811.76	167.0732005	20.39712	69509538.04
CONTRA COSTA	2022	MDV	Aggregate	Aggregate	Diesel	2142.73191	87892.23824	3.237471939	27.14842	2386135.136
CONTRA COSTA	2022	MH	Aggregate	Aggregate	Gasoline	1948.595184	17585.49033	3.637206977	4.834889	85023.88565
CONTRA COSTA	2022	MH	Aggregate	Aggregate	Diesel	776.7414603	7150.477766	0.725199258	9.860018	70503.83978
CONTRA COSTA	2022	MHDT	Aggregate	Aggregate	Gasoline	784.6220418	43965.29798	8.958173373	4.907842	215774.7284
CONTRA COSTA	2022	MHDT	Aggregate	Aggregate	Diesel	4738.978061	262272.9132	27.87669983	9.40832	2467547.5
CONTRA COSTA	2022	OBUS	Aggregate	Aggregate	Gasoline	298.6907421	14432.05228	3.021925151	4.775781	68924.31899
CONTRA COSTA	2022	OBUS	Aggregate	Aggregate	Diesel	126.1251452	9776.483524	1.232260915	7.933777	77564.44183
CONTRA COSTA	2022	SBUS	Aggregate	Aggregate	Gasoline	53.04307493	2717.813622	0.278503555	9.758632	26522.14218
CONTRA COSTA	2022	SBUS	Aggregate	Aggregate	Diesel	818.6905554	26936.24086	3.036449422	8.870966	238950.4881
CONTRA COSTA	2022	UBUS	Aggregate	Aggregate	Gasoline	25.25818723	2466.448828	0.30017441	8.216719	20266.11739
CONTRA COSTA	2022	UBUS	Aggregate	Aggregate	Diesel	204.3955217	20593.00636	3.412238693	6.035043	124279.6735

Vehicles	
Sum of VMT*FE	760586369.7
Total VMT	27532402.5
Weighted Average FE	27.62513623 miles/gallon

Total VMT
Source: AQ/GHG Appendix, CalEEMod Output
Blue Wave CarWash - Operations Run - Contra Costa County, Annual
Date: 11/12/2021 10:06 AM

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Automobile Care Center	419.76	1,094.40	1094.40	1,347,653	1,347,653
City Park	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	419.76	1,094.40	1,094.40	1,347,653	1,347,653

	Annual VMT	Fuel	
	(miles)	Consumption	
Total VMT	1,347,653	48,784	gallons per year

Operation Natural Gas Use

Source: AQ/GHG Appendix, CalEEMod Output

Blue Wave CarWash - Operations Run - Contra Costa County, Annual

Date: 11/12/2021 10:06 AM

kBTU/yr = kilo-British Thermal Units/year

CF = cubic feet

Natural Gas Use

Automobile Care Center 94246

Other Asphalt Surfaces 0

Total 94,246 kBTU/yr

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Automobile Care Center	94246	5.1000e-004	4.6200e-003	3.8800e-003	3.0000e-005		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004	0.0000	5.0294	5.0294	1.0000e-004	9.0000e-005	5.0593
City Park	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
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		5.1000e-004	4.6200e-003	3.8800e-003	3.0000e-005		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004	0.0000	5.0294	5.0294	1.0000e-004	9.0000e-005	5.0593

Operation Electricity Use

Source: AQ/GHG Appendix, CalEEMod Output
Blue Wave CarWash - Operations Run - Contra Costa County, Annual
Date: 11/12/2021 10:06 AM

Project Electricity Use

kWh/yr = kilowatt hours per year

Electricity Use	
(kWh/yr)	
Land Use	
Automobile Care Center	29160
Parking Lot	3640

Total 32,800 kWh/yr

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Automobile Care Center	29160	2.6980	4.4000e-004	5.0000e-005	2.7247
City Park	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	3640	0.3368	5.0000e-005	1.0000e-005	0.3401
Total		3.0348	4.9000e-004	6.0000e-005	3.0648

Typical Construction Trailer - Contra Costa County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Typical Construction Trailer**
Contra Costa County, Annual**1.0 Project Characteristics****1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	0.72	1000sqft	0.02	720.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	58
Climate Zone	4			Operational Year	2023
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Typical construction trailer for estimate of energy usage

CO2 Intensity Factor adjusted to reflect SCE's GHG Emissions Factors

Land Use - 12'x60' single-wide unit (720 sq ft)

Construction Phase - Typical construction trailer for energy use estimates - estimates are included in the operational component of the results

Off-road Equipment - Zeroed out construction equipment

Trips and VMT -

Architectural Coating -

Vehicle Trips - Zeroed out off-site trips

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Consumer Products -

Typical Construction Trailer - Contra Costa County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Area Coating -

Landscape Equipment -

Energy Use -

Water And Wastewater -

Area Mitigation -

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	5.00	0.00
tblConstructionPhase	PhaseEndDate	2/7/2022	1/31/2022
tblVehicleTrips	ST_TR	2.21	0.00
tblVehicleTrips	SU_TR	0.70	0.00
tblVehicleTrips	WD_TR	9.74	0.00

2.0 Emissions Summary

Typical Construction Trailer - Contra Costa County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	1.1438	1.1438	1.9000e-004	2.0000e-005	1.1551
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1.1438	1.1438	1.9000e-004	2.0000e-005	1.1551
NaturalGas Mitigated	6.0000e-005	5.7000e-004	4.8000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.6224	0.6224	1.0000e-005	1.0000e-005	0.6261
NaturalGas Unmitigated	6.0000e-005	5.7000e-004	4.8000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.6224	0.6224	1.0000e-005	1.0000e-005	0.6261

Typical Construction Trailer - Contra Costa County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**5.3 Energy by Land Use - Electricity****Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	12362.4	1.1438	1.9000e-004	2.0000e-005	1.1551
Total		1.1438	1.9000e-004	2.0000e-005	1.1551

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	12362.4	1.1438	1.9000e-004	2.0000e-005	1.1551
Total		1.1438	1.9000e-004	2.0000e-005	1.1551

6.0 Area Detail**6.1 Mitigation Measures Area**

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