

**The Residences at Newport Place  
Orange County, Summer**

**1.0 Project Characteristics**

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**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	715.00	Space	5.69	286,000.00	0
Quality Restaurant	5.68	1000sqft	0.13	5,677.00	0
Apartments Mid Rise	384.00	Dwelling Unit	5.69	384,000.00	1098

**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>	2018
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MWhr)</b>	630.89	<b>CH4 Intensity (lb/MWhr)</b>	0.029	<b>N2O Intensity (lb/MWhr)</b>	0.006

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

Project Characteristics -

Land Use - 5.691 acre site

Construction Phase - Per Engineer: Demo 2 months, Excavation 3 months, Foundation 4 months, Construction 12 months

Off-road Equipment -

Off-road Equipment - Construction: 1 crane, 3 forklifts, 1 gen set, 3 loader/backhoes, 1 welder

Off-road Equipment - Dermo: 1 excavator, 2 loader/backhoes, 1 concrete saw, 1 crusher

Off-road Equipment - Excavation: 1 excavator, 1 loader, 1 backhoe, 1 skid steer loader, 1 water truck

Off-road Equipment - Foundation: 1 trencher, 3 loader/backhoe, 1 forklift, 1 compactor

Trips and VMT - 3968 haul trips earthwork

622 demo haul trips

6 vendor trips day

Demolition - 8,400 Tons Demo

Grading - 35,708 CY Export

Vehicle Trips - trip rates per traffic report

6.65 for apts, 89.95 per tsf restaurant

Construction Off-road Equipment Mitigation - water 2x day

Area Mitigation - natural gas hearth

low VOC paint

Energy Mitigation - exceed title 24 by 15%

energy efficient appliances

Water Mitigation - water efficient faucets, toilets, showers

water efficient irrigation

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	153.00
tblConstructionPhase	NumDays	300.00	88.00
tblConstructionPhase	NumDays	300.00	260.00
tblConstructionPhase	NumDays	20.00	41.00
tblConstructionPhase	NumDays	30.00	65.00
tblConstructionPhase	PhaseEndDate	5/2/2018	9/30/2017
tblConstructionPhase	PhaseEndDate	9/29/2016	9/30/2016

tblConstructionPhase	PhaseEndDate	9/29/2017	9/30/2017
tblConstructionPhase	PhaseEndDate	2/26/2016	2/28/2016
tblConstructionPhase	PhaseEndDate	5/27/2016	5/30/2016
tblConstructionPhase	PhaseStartDate	10/1/2017	3/1/2017
tblConstructionPhase	PhaseStartDate	5/31/2016	6/1/2016
tblConstructionPhase	PhaseStartDate	2/29/2016	3/1/2016
tblGrading	AcresOfGrading	0.00	75.00
tblGrading	MaterialExported	0.00	35,708.00
tblLandUse	LandUseSquareFeet	5,680.00	5,677.00
tblLandUse	LotAcreage	6.43	5.69
tblLandUse	LotAcreage	10.11	5.69
tblOffRoadEquipment	HorsePower	400.00	200.00
tblOffRoadEquipment	OffRoadEquipmentType		Crushing/Proc. Equipment
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	OperationalYear	2014	2018
tblTripsAndVMT	HaulingTripNumber	831.00	622.00
tblTripsAndVMT	HaulingTripNumber	4,464.00	3,968.00
tblTripsAndVMT	VendorTripNumber	89.00	6.00
tblTripsAndVMT	VendorTripNumber	89.00	6.00

tblTripsAndVMT	WorkerTripNumber	13.00	24.00
tblTripsAndVMT	WorkerTripNumber	13.00	24.00
tblTripsAndVMT	WorkerTripNumber	399.00	50.00
tblTripsAndVMT	WorkerTripNumber	399.00	120.00
tblTripsAndVMT	WorkerTripNumber	80.00	10.00
tblVehicleTrips	ST_TR	7.16	6.65
tblVehicleTrips	ST_TR	94.36	89.95
tblVehicleTrips	SU_TR	6.07	6.65
tblVehicleTrips	SU_TR	72.16	89.95
tblVehicleTrips	WD_TR	6.59	6.65

## 2.0 Emissions Summary

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**2.2 Overall Operational****Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	117.6657	2.9240	224.9936	0.3088		29.5075	29.5075		29.5029	29.5029	3,596.8967	6,969.2018	10,566.0985	10.7836	0.2441	10,868.2351
Energy	0.1419	1.2368	0.6928	7.7400e-003		0.0981	0.0981		0.0981	0.0981		1,548.1680	1,548.1680	0.0297	0.0284	1,557.5899
Mobile	8.5728	19.7891	95.5057	0.2792	19.9744	0.2948	20.2692	5.3296	0.2718	5.6014		22,732.2083	22,732.2083	0.8327		22,749.6956
<b>Total</b>	<b>126.3804</b>	<b>23.9499</b>	<b>321.1921</b>	<b>0.5957</b>	<b>19.9744</b>	<b>29.9004</b>	<b>49.8748</b>	<b>5.3296</b>	<b>29.8728</b>	<b>35.2024</b>	<b>3,596.8967</b>	<b>31,249.5782</b>	<b>34,846.4748</b>	<b>11.6460</b>	<b>0.2725</b>	<b>35,175.5205</b>

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	17.7147	0.3710	32.0157	1.6800e-003		0.6379	0.6379		0.6330	0.6330	0.0000	7,375.7900	7,375.7900	0.1972	0.1342	7,421.5260
Energy	0.1280	1.1168	0.6339	6.9800e-003		0.0884	0.0884		0.0884	0.0884		1,396.4126	1,396.4126	0.0268	0.0256	1,404.9109
Mobile	8.5728	19.7891	95.5057	0.2792	19.9744	0.2948	20.2692	5.3296	0.2718	5.6014		22,732.2083	22,732.2083	0.8327		22,749.6956
<b>Total</b>	<b>26.4155</b>	<b>21.2769</b>	<b>128.1553</b>	<b>0.2878</b>	<b>19.9744</b>	<b>1.0212</b>	<b>20.9956</b>	<b>5.3296</b>	<b>0.9933</b>	<b>6.3229</b>	<b>0.0000</b>	<b>31,504.4110</b>	<b>31,504.4110</b>	<b>1.0567</b>	<b>0.1598</b>	<b>31,576.1325</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	79.10	11.16	60.10	51.68	0.00	96.58	57.90	0.00	96.67	82.04	100.00	-0.82	9.59	90.93	41.37	10.23

### 3.0 Construction Detail

#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2016	2/28/2016	5	41	
2	Excavation	Grading	3/1/2016	5/30/2016	5	65	
3	Foundation	Building Construction	6/1/2016	9/30/2016	5	88	
4	Construction	Building Construction	10/1/2016	9/30/2017	5	260	
5	Architectural Coating	Architectural Coating	3/1/2017	9/30/2017	5	153	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 777,600; Residential Outdoor: 259,200; Non-Residential Indoor: 437,516; Non-Residential Outdoor: 145,839 (Architectural Coating – sqft)

#### OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	1	8.00	162	0.38
Demolition	Rubber Tired Dozers	0	8.00	255	0.40
Demolition	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Excavation	Excavators	1	8.00	162	0.38

Excavation	Graders	0	8.00	174	0.41
Excavation	Off-Highway Trucks	1	3.00	200	0.38
Excavation	Rubber Tired Dozers	0	8.00	255	0.40
Excavation	Scrapers	0	8.00	361	0.48
Excavation	Skid Steer Loaders	1	8.00	64	0.37
Excavation	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Foundation	Cranes	0	7.00	226	0.29
Foundation	Forklifts	1	8.00	89	0.20
Foundation	Generator Sets	0	8.00	84	0.74
Foundation	Plate Compactors	1	8.00	8	0.43
Foundation	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Foundation	Trenchers	1	6.00	80	0.50
Foundation	Welders	0	8.00	46	0.45
Construction	Cranes	1	7.00	226	0.29
Construction	Forklifts	3	8.00	89	0.20
Construction	Generator Sets	1	8.00	84	0.74
Construction	Pavers	0	8.00	125	0.42
Construction	Paving Equipment	0	8.00	130	0.36
Construction	Rollers	0	8.00	80	0.38
Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Construction	Welders	1	8.00	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Crushing/Proc. Equipment	1	8.00	85	0.78

**Trips and VMT**



Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	24.00	0.00	622.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Excavation	5	24.00	0.00	3,968.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Foundation	6	50.00	6.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Construction	9	120.00	6.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

### 3.1 Mitigation Measures Construction

Water Exposed Area

Clean Paved Roads

### 3.2 Demolition - 2016

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.3842	0.0000	4.3842	0.6638	0.0000	0.6638			0.0000			0.0000
Off-Road	2.5578	20.9782	16.4992	0.0248		1.5097	1.5097		1.4522	1.4522		2,454.4685	2,454.4685	0.4945		2,464.8531
<b>Total</b>	<b>2.5578</b>	<b>20.9782</b>	<b>16.4992</b>	<b>0.0248</b>	<b>4.3842</b>	<b>1.5097</b>	<b>5.8939</b>	<b>0.6638</b>	<b>1.4522</b>	<b>2.1160</b>		<b>2,454.4685</b>	<b>2,454.4685</b>	<b>0.4945</b>		<b>2,464.8531</b>

### 3.2 Demolition - 2016

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2772	4.1803	3.0339	0.0112	0.2643	0.0629	0.3271	0.0724	0.0578	0.1302		1,124.6664	1,124.6664	7.9900e-003		1,124.8342
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0833	0.1076	1.3175	3.2600e-003	0.2683	1.8700e-003	0.2701	0.0711	1.7300e-003	0.0729		272.3044	272.3044	0.0128		272.5733
<b>Total</b>	<b>0.3604</b>	<b>4.2879</b>	<b>4.3514</b>	<b>0.0144</b>	<b>0.5325</b>	<b>0.0647</b>	<b>0.5973</b>	<b>0.1435</b>	<b>0.0596</b>	<b>0.2031</b>		<b>1,396.9707</b>	<b>1,396.9707</b>	<b>0.0208</b>		<b>1,397.4075</b>

#### Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.9729	0.0000	1.9729	0.2987	0.0000	0.2987			0.0000			0.0000
Off-Road	2.5578	20.9782	16.4992	0.0248		1.5097	1.5097		1.4522	1.4522	0.0000	2,454.4685	2,454.4685	0.4945		2,464.8531
<b>Total</b>	<b>2.5578</b>	<b>20.9782</b>	<b>16.4992</b>	<b>0.0248</b>	<b>1.9729</b>	<b>1.5097</b>	<b>3.4826</b>	<b>0.2987</b>	<b>1.4522</b>	<b>1.7509</b>	<b>0.0000</b>	<b>2,454.4685</b>	<b>2,454.4685</b>	<b>0.4945</b>		<b>2,464.8531</b>

### 3.2 Demolition - 2016

#### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2772	4.1803	3.0339	0.0112	0.2643	0.0629	0.3271	0.0724	0.0578	0.1302		1,124.6664	1,124.6664	7.9900e-003		1,124.8342
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0833	0.1076	1.3175	3.2600e-003	0.2683	1.8700e-003	0.2701	0.0711	1.7300e-003	0.0729		272.3044	272.3044	0.0128		272.5733
<b>Total</b>	<b>0.3604</b>	<b>4.2879</b>	<b>4.3514</b>	<b>0.0144</b>	<b>0.5325</b>	<b>0.0647</b>	<b>0.5973</b>	<b>0.1435</b>	<b>0.0596</b>	<b>0.2031</b>		<b>1,396.9707</b>	<b>1,396.9707</b>	<b>0.0208</b>		<b>1,397.4075</b>

### 3.3 Excavation - 2016

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.2858	0.0000	1.2858	0.1415	0.0000	0.1415			0.0000			0.0000
Off-Road	1.4075	14.8431	10.5602	0.0160		0.9061	0.9061		0.8336	0.8336		1,661.2946	1,661.2946	0.5011		1,671.8178
<b>Total</b>	<b>1.4075</b>	<b>14.8431</b>	<b>10.5602</b>	<b>0.0160</b>	<b>1.2858</b>	<b>0.9061</b>	<b>2.1919</b>	<b>0.1415</b>	<b>0.8336</b>	<b>0.9752</b>		<b>1,661.2946</b>	<b>1,661.2946</b>	<b>0.5011</b>		<b>1,671.8178</b>

### 3.3 Excavation - 2016

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.1154	16.8214	12.2081	0.0449	1.0634	0.2530	1.3164	0.2912	0.2327	0.5238		4,525.5929	4,525.5929	0.0322		4,526.2682
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0833	0.1076	1.3175	3.2600e-003	0.2683	1.8700e-003	0.2701	0.0711	1.7300e-003	0.0729		272.3044	272.3044	0.0128		272.5733
<b>Total</b>	<b>1.1986</b>	<b>16.9289</b>	<b>13.5256</b>	<b>0.0482</b>	<b>1.3317</b>	<b>0.2548</b>	<b>1.5865</b>	<b>0.3623</b>	<b>0.2344</b>	<b>0.5967</b>		<b>4,797.8972</b>	<b>4,797.8972</b>	<b>0.0450</b>		<b>4,798.8415</b>

#### Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5786	0.0000	0.5786	0.0637	0.0000	0.0637			0.0000			0.0000
Off-Road	1.4075	14.8431	10.5602	0.0160		0.9061	0.9061		0.8336	0.8336	0.0000	1,661.2946	1,661.2946	0.5011		1,671.8178
<b>Total</b>	<b>1.4075</b>	<b>14.8431</b>	<b>10.5602</b>	<b>0.0160</b>	<b>0.5786</b>	<b>0.9061</b>	<b>1.4847</b>	<b>0.0637</b>	<b>0.8336</b>	<b>0.8973</b>	<b>0.0000</b>	<b>1,661.2946</b>	<b>1,661.2946</b>	<b>0.5011</b>		<b>1,671.8178</b>

### 3.3 Excavation - 2016

#### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.1154	16.8214	12.2081	0.0449	1.0634	0.2530	1.3164	0.2912	0.2327	0.5238		4,525.5929	4,525.5929	0.0322		4,526.2682
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0833	0.1076	1.3175	3.2600e-003	0.2683	1.8700e-003	0.2701	0.0711	1.7300e-003	0.0729		272.3044	272.3044	0.0128		272.5733
<b>Total</b>	<b>1.1986</b>	<b>16.9289</b>	<b>13.5256</b>	<b>0.0482</b>	<b>1.3317</b>	<b>0.2548</b>	<b>1.5865</b>	<b>0.3623</b>	<b>0.2344</b>	<b>0.5967</b>		<b>4,797.8972</b>	<b>4,797.8972</b>	<b>0.0450</b>		<b>4,798.8415</b>

### 3.4 Foundation - 2016

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5780	14.4012	9.9168	0.0128		1.1174	1.1174		1.0288	1.0288		1,312.6485	1,312.6485	0.3891		1,320.8201
<b>Total</b>	<b>1.5780</b>	<b>14.4012</b>	<b>9.9168</b>	<b>0.0128</b>		<b>1.1174</b>	<b>1.1174</b>		<b>1.0288</b>	<b>1.0288</b>		<b>1,312.6485</b>	<b>1,312.6485</b>	<b>0.3891</b>		<b>1,320.8201</b>

### 3.4 Foundation - 2016

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0525	0.5190	0.6133	1.3000e-003	0.0375	8.2200e-003	0.0457	0.0107	7.5600e-003	0.0182		130.1153	130.1153	9.2000e-004			130.1347
Worker	0.1735	0.2241	2.7449	6.7800e-003	0.5589	3.9000e-003	0.5628	0.1482	3.6000e-003	0.1518		567.3008	567.3008	0.0267			567.8610
<b>Total</b>	<b>0.2259</b>	<b>0.7431</b>	<b>3.3582</b>	<b>8.0800e-003</b>	<b>0.5964</b>	<b>0.0121</b>	<b>0.6085</b>	<b>0.1589</b>	<b>0.0112</b>	<b>0.1701</b>		<b>697.4161</b>	<b>697.4161</b>	<b>0.0276</b>			<b>697.9957</b>

#### Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.5780	14.4012	9.9168	0.0128		1.1174	1.1174		1.0288	1.0288	0.0000	1,312.6485	1,312.6485	0.3891			1,320.8201
<b>Total</b>	<b>1.5780</b>	<b>14.4012</b>	<b>9.9168</b>	<b>0.0128</b>		<b>1.1174</b>	<b>1.1174</b>		<b>1.0288</b>	<b>1.0288</b>	<b>0.0000</b>	<b>1,312.6485</b>	<b>1,312.6485</b>	<b>0.3891</b>			<b>1,320.8201</b>

### 3.4 Foundation - 2016

#### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0525	0.5190	0.6133	1.3000e-003	0.0375	8.2200e-003	0.0457	0.0107	7.5600e-003	0.0182		130.1153	130.1153	9.2000e-004			130.1347
Worker	0.1735	0.2241	2.7449	6.7800e-003	0.5589	3.9000e-003	0.5628	0.1482	3.6000e-003	0.1518		567.3008	567.3008	0.0267			567.8610
<b>Total</b>	<b>0.2259</b>	<b>0.7431</b>	<b>3.3582</b>	<b>8.0800e-003</b>	<b>0.5964</b>	<b>0.0121</b>	<b>0.6085</b>	<b>0.1589</b>	<b>0.0112</b>	<b>0.1701</b>		<b>697.4161</b>	<b>697.4161</b>	<b>0.0276</b>			<b>697.9957</b>

### 3.5 Construction - 2016

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485		2,669.2864	2,669.2864	0.6620			2,683.1890
<b>Total</b>	<b>3.4062</b>	<b>28.5063</b>	<b>18.5066</b>	<b>0.0268</b>		<b>1.9674</b>	<b>1.9674</b>		<b>1.8485</b>	<b>1.8485</b>		<b>2,669.2864</b>	<b>2,669.2864</b>	<b>0.6620</b>			<b>2,683.1890</b>

### 3.5 Construction - 2016

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0525	0.5190	0.6133	1.3000e-003	0.0375	8.2200e-003	0.0457	0.0107	7.5600e-003	0.0182		130.1153	130.1153	9.2000e-004			130.1347
Worker	0.4163	0.5379	6.5877	0.0163	1.3413	9.3700e-003	1.3507	0.3557	8.6400e-003	0.3644		1,361.5218	1,361.5218	0.0640			1,362.8664
<b>Total</b>	<b>0.4688</b>	<b>1.0569</b>	<b>7.2010</b>	<b>0.0176</b>	<b>1.3788</b>	<b>0.0176</b>	<b>1.3964</b>	<b>0.3664</b>	<b>0.0162</b>	<b>0.3826</b>		<b>1,491.6372</b>	<b>1,491.6372</b>	<b>0.0650</b>			<b>1,493.0012</b>

#### Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485	0.0000	2,669.2864	2,669.2864	0.6620			2,683.1890
<b>Total</b>	<b>3.4062</b>	<b>28.5063</b>	<b>18.5066</b>	<b>0.0268</b>		<b>1.9674</b>	<b>1.9674</b>		<b>1.8485</b>	<b>1.8485</b>	<b>0.0000</b>	<b>2,669.2864</b>	<b>2,669.2864</b>	<b>0.6620</b>			<b>2,683.1890</b>



### 3.5 Construction - 2016

#### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0525	0.5190	0.6133	1.3000e-003	0.0375	8.2200e-003	0.0457	0.0107	7.5600e-003	0.0182		130.1153	130.1153	9.2000e-004			130.1347
Worker	0.4163	0.5379	6.5877	0.0163	1.3413	9.3700e-003	1.3507	0.3557	8.6400e-003	0.3644		1,361.5218	1,361.5218	0.0640			1,362.8664
<b>Total</b>	<b>0.4688</b>	<b>1.0569</b>	<b>7.2010</b>	<b>0.0176</b>	<b>1.3788</b>	<b>0.0176</b>	<b>1.3964</b>	<b>0.3664</b>	<b>0.0162</b>	<b>0.3826</b>		<b>1,491.6372</b>	<b>1,491.6372</b>	<b>0.0650</b>			<b>1,493.0012</b>

### 3.5 Construction - 2017

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730		2,639.8053	2,639.8053	0.6497			2,653.4490
<b>Total</b>	<b>3.1024</b>	<b>26.4057</b>	<b>18.1291</b>	<b>0.0268</b>		<b>1.7812</b>	<b>1.7812</b>		<b>1.6730</b>	<b>1.6730</b>		<b>2,639.8053</b>	<b>2,639.8053</b>	<b>0.6497</b>			<b>2,653.4490</b>

### 3.5 Construction - 2017

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0484	0.4722	0.5770	1.3000e-003	0.0375	7.3400e-003	0.0449	0.0107	6.7500e-003	0.0174		127.9975	127.9975	8.9000e-004			128.0163
Worker	0.3790	0.4884	6.0089	0.0163	1.3413	9.1600e-003	1.3505	0.3557	8.4600e-003	0.3642		1,308.8749	1,308.8749	0.0594			1,310.1227
<b>Total</b>	<b>0.4274</b>	<b>0.9606</b>	<b>6.5859</b>	<b>0.0176</b>	<b>1.3788</b>	<b>0.0165</b>	<b>1.3953</b>	<b>0.3664</b>	<b>0.0152</b>	<b>0.3816</b>		<b>1,436.8725</b>	<b>1,436.8725</b>	<b>0.0603</b>			<b>1,438.1390</b>

#### Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730	0.0000	2,639.8053	2,639.8053	0.6497			2,653.4490
<b>Total</b>	<b>3.1024</b>	<b>26.4057</b>	<b>18.1291</b>	<b>0.0268</b>		<b>1.7812</b>	<b>1.7812</b>		<b>1.6730</b>	<b>1.6730</b>	<b>0.0000</b>	<b>2,639.8053</b>	<b>2,639.8053</b>	<b>0.6497</b>			<b>2,653.4490</b>

### 3.5 Construction - 2017

#### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0484	0.4722	0.5770	1.3000e-003	0.0375	7.3400e-003	0.0449	0.0107	6.7500e-003	0.0174		127.9975	127.9975	8.9000e-004			128.0163
Worker	0.3790	0.4884	6.0089	0.0163	1.3413	9.1600e-003	1.3505	0.3557	8.4600e-003	0.3642		1,308.8749	1,308.8749	0.0594			1,310.1227
<b>Total</b>	<b>0.4274</b>	<b>0.9606</b>	<b>6.5859</b>	<b>0.0176</b>	<b>1.3788</b>	<b>0.0165</b>	<b>1.3953</b>	<b>0.3664</b>	<b>0.0152</b>	<b>0.3816</b>		<b>1,436.8725</b>	<b>1,436.8725</b>	<b>0.0603</b>			<b>1,438.1390</b>

### 3.6 Architectural Coating - 2017

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Archit. Coating	63.8112					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297			282.0721
<b>Total</b>	<b>64.1435</b>	<b>2.1850</b>	<b>1.8681</b>	<b>2.9700e-003</b>		<b>0.1733</b>	<b>0.1733</b>		<b>0.1733</b>	<b>0.1733</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0297</b>			<b>282.0721</b>

### 3.6 Architectural Coating - 2017

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0316	0.0407	0.5007	1.3600e-003	0.1118	7.6000e-004	0.1125	0.0296	7.1000e-004	0.0304		109.0729	109.0729	4.9500e-003		109.1769
<b>Total</b>	<b>0.0316</b>	<b>0.0407</b>	<b>0.5007</b>	<b>1.3600e-003</b>	<b>0.1118</b>	<b>7.6000e-004</b>	<b>0.1125</b>	<b>0.0296</b>	<b>7.1000e-004</b>	<b>0.0304</b>		<b>109.0729</b>	<b>109.0729</b>	<b>4.9500e-003</b>		<b>109.1769</b>

#### Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	63.8112					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733	0.0000	281.4481	281.4481	0.0297		282.0721
<b>Total</b>	<b>64.1435</b>	<b>2.1850</b>	<b>1.8681</b>	<b>2.9700e-003</b>		<b>0.1733</b>	<b>0.1733</b>		<b>0.1733</b>	<b>0.1733</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0297</b>		<b>282.0721</b>

### 3.6 Architectural Coating - 2017

#### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0316	0.0407	0.5007	1.3600e-003	0.1118	7.6000e-004	0.1125	0.0296	7.1000e-004	0.0304		109.0729	109.0729	4.9500e-003		109.1769
<b>Total</b>	<b>0.0316</b>	<b>0.0407</b>	<b>0.5007</b>	<b>1.3600e-003</b>	<b>0.1118</b>	<b>7.6000e-004</b>	<b>0.1125</b>	<b>0.0296</b>	<b>7.1000e-004</b>	<b>0.0304</b>		<b>109.0729</b>	<b>109.0729</b>	<b>4.9500e-003</b>		<b>109.1769</b>

### 4.0 Operational Detail - Mobile

#### 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	lb/day										lb/day					
Mitigated	8.5728	19.7891	95.5057	0.2792	19.9744	0.2948	20.2692	5.3296	0.2718	5.6014		22,732.2083	22,732.2083	0.8327		22,749.6956
Unmitigated	8.5728	19.7891	95.5057	0.2792	19.9744	0.2948	20.2692	5.3296	0.2718	5.6014		22,732.2083	22,732.2083	0.8327		22,749.6956

### 4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	2,553.60	2,553.60	2553.60	8,726,039	8,726,039
Enclosed Parking with Elevator	0.00	0.00	0.00		
Quality Restaurant	510.92	510.92	510.92	727,356	727,356
<b>Total</b>	<b>3,064.52</b>	<b>3,064.52</b>	<b>3,064.52</b>	<b>9,453,395</b>	<b>9,453,395</b>

### 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
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.510011	0.056836	0.192178	0.151564	0.041643	0.005905	0.015642	0.015146	0.001440	0.002149	0.004721	0.000504	0.002262

### 5.0 Energy Detail

#### 4.4 Fleet Mix

Historical Energy Use: N

### 5.1 Mitigation Measures Energy

Exceed Title 24

Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.1280	1.1168	0.6339	6.9800e-003		0.0884	0.0884		0.0884	0.0884		1,396.4126	1,396.4126	0.0268	0.0256	1,404.9109
NaturalGas Unmitigated	0.1419	1.2368	0.6928	7.7400e-003		0.0981	0.0981		0.0981	0.0981		1,548.1680	1,548.1680	0.0297	0.0284	1,557.5899

### 5.2 Energy by Land Use - NaturalGas

#### Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Enclosed Parking with Elevator	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
Quality Restaurant	4097.24	0.0442	0.4017	0.3374	2.4100e-003		0.0305	0.0305		0.0305	0.0305		482.0281	482.0281	9.2400e-003	8.8400e-003	484.9616
Apartments Mid Rise	9062.19	0.0977	0.8351	0.3554	5.3300e-003		0.0675	0.0675		0.0675	0.0675		1,066.1400	1,066.1400	0.0204	0.0196	1,072.6283
<b>Total</b>		<b>0.1419</b>	<b>1.2368</b>	<b>0.6928</b>	<b>7.7400e-003</b>		<b>0.0981</b>	<b>0.0981</b>		<b>0.0981</b>	<b>0.0981</b>		<b>1,548.1680</b>	<b>1,548.1680</b>	<b>0.0297</b>	<b>0.0284</b>	<b>1,557.5899</b>

### 5.2 Energy by Land Use - NaturalGas

#### Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Enclosed Parking with Elevator	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
Quality Restaurant	3.90437	0.0421	0.3828	0.3215	2.3000e-003		0.0291	0.0291		0.0291	0.0291		459.3375	459.3375	8.8000e-003	8.4200e-003	462.1329
Apartments Mid Rise	7.96514	0.0859	0.7340	0.3124	4.6900e-003		0.0594	0.0594		0.0594	0.0594		937.0751	937.0751	0.0180	0.0172	942.7780
<b>Total</b>		<b>0.1280</b>	<b>1.1168</b>	<b>0.6339</b>	<b>6.9900e-003</b>		<b>0.0884</b>	<b>0.0884</b>		<b>0.0884</b>	<b>0.0884</b>		<b>1,396.4126</b>	<b>1,396.4126</b>	<b>0.0268</b>	<b>0.0256</b>	<b>1,404.9109</b>

### 6.0 Area Detail

#### 6.1 Mitigation Measures Area

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use only Natural Gas Hearths
- Use Low VOC Cleaning Supplies



	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	17.7147	0.3710	32.0157	1.6800e-003		0.6379	0.6379		0.6330	0.6330	0.0000	7,375.7900	7,375.7900	0.1972	0.1342	7,421.5260
Unmitigated	117.6657	2.9240	224.9936	0.3088		29.5075	29.5075		29.5029	29.5029	3,596.8967	6,969.2018	10,566.0985	10.7836	0.2441	10,868.2351

## 6.2 Area by SubCategory

### Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.6748					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	13.3784					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	100.6218	2.5530	193.0145	0.3071		29.3331	29.3331		29.3285	29.3285	3,596.8967	6,912.0000	10,508.8967	10.7266	0.2441	10,809.8370
Landscaping	0.9906	0.3710	31.9791	1.6800e-003		0.1744	0.1744		0.1744	0.1744		57.2018	57.2018	0.0570		58.3981
<b>Total</b>	<b>117.6657</b>	<b>2.9240</b>	<b>224.9936</b>	<b>0.3088</b>		<b>29.5075</b>	<b>29.5075</b>		<b>29.5029</b>	<b>29.5029</b>	<b>3,596.8967</b>	<b>6,969.2018</b>	<b>10,566.0985</b>	<b>10.7836</b>	<b>0.2441</b>	<b>10,868.2351</b>

## 6.2 Area by SubCategory

### Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.6748					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	13.3784					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.6709	3.0000e-005	0.0366	0.0000		0.4635	0.4635		0.4586	0.4586	0.0000	7,318.5882	7,318.5882	0.1403	0.1342	7,363.1279
Landscaping	0.9906	0.3710	31.9791	1.6800e-003		0.1744	0.1744		0.1744	0.1744		57.2018	57.2018	0.0570		58.3981
<b>Total</b>	<b>17.7147</b>	<b>0.3710</b>	<b>32.0157</b>	<b>1.6800e-003</b>		<b>0.6379</b>	<b>0.6379</b>		<b>0.6330</b>	<b>0.6330</b>	<b>0.0000</b>	<b>7,375.7901</b>	<b>7,375.7901</b>	<b>0.1972</b>	<b>0.1342</b>	<b>7,421.5260</b>

## 7.0 Water Detail

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### 7.1 Mitigation Measures Water

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower
- Use Water Efficient Irrigation System

## 8.0 Waste Detail

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### 8.1 Mitigation Measures Waste

## 9.0 Operational Offroad

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Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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## 10.0 Vegetation

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