

3090 Bascom Avenue - Santa Clara County, Summer

**3090 Bascom Avenue**  
**Santa Clara County, Summer**

**1.0 Project Characteristics**

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**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Mid Rise	90.00	Dwelling Unit	2.37	90,000.00	257
General Office Building	2.70	1000sqft	0.06	2,700.00	0
Parking Lot	31.00	Space	0.28	12,400.00	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>	2022
<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**

3090 Bascom Avenue - Santa Clara County, Summer

Project Characteristics -

Land Use -

Grading - Total site acreage of 0.64 acres.

Mobile Land Use Mitigation -

Area Mitigation -

Water Mitigation -

Waste Mitigation -

Construction Phase - Painitng phase modified to reduce daily VOC emissions

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	10.00	30.00
tblConstructionPhase	PhaseEndDate	1/13/2022	2/10/2022
tblGrading	AcresOfGrading	3.00	0.64
tblGrading	AcresOfGrading	4.50	0.64
tblGrading	MaterialExported	0.00	874.00

## 2.0 Emissions Summary

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3090 Bascom Avenue - Santa Clara County, Summer

**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	39.5827	0.9040	56.3386	0.0946		6.9834	6.9834		6.9834	6.9834	753.3762	346.9065	1,100.2827	1.0439	0.0533	1,142.2482
Energy	0.0243	0.2082	0.0935	1.3200e-003		0.0168	0.0168		0.0168	0.0168		264.8669	264.8669	5.0800e-003	4.8600e-003	266.4409
Mobile	0.9204	3.2886	9.7871	0.0342	3.0745	0.0273	3.1019	0.8207	0.0255	0.8462		3,446.0263	3,446.0263	0.1112		3,448.8054
<b>Total</b>	<b>40.5273</b>	<b>4.4008</b>	<b>66.2192</b>	<b>0.1301</b>	<b>3.0745</b>	<b>7.0275</b>	<b>10.1021</b>	<b>0.8207</b>	<b>7.0257</b>	<b>7.8464</b>	<b>753.3762</b>	<b>4,057.7996</b>	<b>4,811.1758</b>	<b>1.1601</b>	<b>0.0581</b>	<b>4,857.4945</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	2.5693	0.0858	7.4366	3.9000e-004		0.0411	0.0411		0.0411	0.0411	0.0000	13.3771	13.3771	0.0129	0.0000	13.7000
Energy	0.0243	0.2082	0.0935	1.3200e-003		0.0168	0.0168		0.0168	0.0168		264.8669	264.8669	5.0800e-003	4.8600e-003	266.4409
Mobile	0.9096	3.2218	9.4847	0.0329	2.9553	0.0264	2.9816	0.7888	0.0246	0.8135		3,321.4942	3,321.4942	0.1079		3,324.1916
<b>Total</b>	<b>3.5031</b>	<b>3.5157</b>	<b>17.0147</b>	<b>0.0346</b>	<b>2.9553</b>	<b>0.0842</b>	<b>3.0395</b>	<b>0.7888</b>	<b>0.0825</b>	<b>0.8713</b>	<b>0.0000</b>	<b>3,599.7381</b>	<b>3,599.7381</b>	<b>0.1259</b>	<b>4.8600e-003</b>	<b>3,604.3325</b>

## 3090 Bascom Avenue - Santa Clara County, Summer

	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	91.36	20.11	74.31	73.38	3.88	98.80	69.91	3.88	98.83	88.90	100.00	11.29	25.18	89.15	91.64	25.80

### 3.0 Construction Detail

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#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/4/2021	1/29/2021	5	20	
2	Site Preparation	Site Preparation	1/30/2021	2/3/2021	5	3	
3	Grading	Grading	2/4/2021	2/11/2021	5	6	
4	Building Construction	Building Construction	2/12/2021	12/16/2021	5	220	
5	Paving	Paving	12/17/2021	12/30/2021	5	10	
6	Architectural Coating	Architectural Coating	12/31/2021	2/10/2022	5	30	

**Acres of Grading (Site Preparation Phase): 0.64**

**Acres of Grading (Grading Phase): 0.64**

**Acres of Paving: 0.28**

**Residential Indoor: 182,250; Residential Outdoor: 60,750; Non-Residential Indoor: 4,050; Non-Residential Outdoor: 1,350; Striped Parking Area: 744 (Architectural Coating – sqft)**

#### OffRoad Equipment

## 3090 Bascom Avenue - Santa Clara County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Paving	Paving Equipment	1	8.00	132	0.36
Site Preparation	Scrapers	1	8.00	367	0.48
Building Construction	Welders	3	8.00	46	0.45

**Trips and VMT**

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Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	109.00	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	8	71.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	14.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

**3.2 Demolition - 2021**

**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	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715		2,322.7171	2,322.7171	0.5940		2,337.5658
<b>Total</b>	<b>1.9930</b>	<b>19.6966</b>	<b>14.4925</b>	<b>0.0241</b>		<b>1.0409</b>	<b>1.0409</b>		<b>0.9715</b>	<b>0.9715</b>		<b>2,322.7171</b>	<b>2,322.7171</b>	<b>0.5940</b>		<b>2,337.5658</b>

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**3.2 Demolition - 2021**

**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	0.0419	0.0248	0.3276	1.0100e-003	0.1068	6.5000e-004	0.1074	0.0283	6.0000e-004	0.0289		101.1414	101.1414	2.3000e-003		101.1989
<b>Total</b>	<b>0.0419</b>	<b>0.0248</b>	<b>0.3276</b>	<b>1.0100e-003</b>	<b>0.1068</b>	<b>6.5000e-004</b>	<b>0.1074</b>	<b>0.0283</b>	<b>6.0000e-004</b>	<b>0.0289</b>		<b>101.1414</b>	<b>101.1414</b>	<b>2.3000e-003</b>		<b>101.1989</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	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715	0.0000	2,322.7171	2,322.7171	0.5940		2,337.5658
<b>Total</b>	<b>1.9930</b>	<b>19.6966</b>	<b>14.4925</b>	<b>0.0241</b>		<b>1.0409</b>	<b>1.0409</b>		<b>0.9715</b>	<b>0.9715</b>	<b>0.0000</b>	<b>2,322.7171</b>	<b>2,322.7171</b>	<b>0.5940</b>		<b>2,337.5658</b>

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**3.2 Demolition - 2021**

**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	0.0419	0.0248	0.3276	1.0100e-003	0.1068	6.5000e-004	0.1074	0.0283	6.0000e-004	0.0289		101.1414	101.1414	2.3000e-003		101.1989
<b>Total</b>	<b>0.0419</b>	<b>0.0248</b>	<b>0.3276</b>	<b>1.0100e-003</b>	<b>0.1068</b>	<b>6.5000e-004</b>	<b>0.1074</b>	<b>0.0283</b>	<b>6.0000e-004</b>	<b>0.0289</b>		<b>101.1414</b>	<b>101.1414</b>	<b>2.3000e-003</b>		<b>101.1989</b>

**3.3 Site Preparation - 2021**

**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					0.2592	0.0000	0.2592	0.0294	0.0000	0.0294			0.0000			0.0000
Off-Road	1.5463	18.2862	10.7496	0.0245		0.7019	0.7019		0.6457	0.6457		2,372.883 2	2,372.883 2	0.7674		2,392.069 2
<b>Total</b>	<b>1.5463</b>	<b>18.2862</b>	<b>10.7496</b>	<b>0.0245</b>	<b>0.2592</b>	<b>0.7019</b>	<b>0.9611</b>	<b>0.0294</b>	<b>0.6457</b>	<b>0.6752</b>		<b>2,372.883 2</b>	<b>2,372.883 2</b>	<b>0.7674</b>		<b>2,392.069 2</b>

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**3.3 Site Preparation - 2021**

**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	0.2817	9.5286	2.0532	0.0285	0.6351	0.0301	0.6652	0.1741	0.0288	0.2029		3,037.725 1	3,037.725 1	0.1342		3,041.079 7
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	0.0258	0.0153	0.2016	6.2000e-004	0.0657	4.0000e-004	0.0661	0.0174	3.7000e-004	0.0178		62.2409	62.2409	1.4100e-003		62.2762
<b>Total</b>	<b>0.3074</b>	<b>9.5439</b>	<b>2.2548</b>	<b>0.0291</b>	<b>0.7008</b>	<b>0.0305</b>	<b>0.7313</b>	<b>0.1915</b>	<b>0.0292</b>	<b>0.2207</b>		<b>3,099.965 9</b>	<b>3,099.965 9</b>	<b>0.1356</b>		<b>3,103.356 0</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					0.2592	0.0000	0.2592	0.0294	0.0000	0.0294			0.0000			0.0000
Off-Road	1.5463	18.2862	10.7496	0.0245		0.7019	0.7019		0.6457	0.6457	0.0000	2,372.883 2	2,372.883 2	0.7674		2,392.069 2
<b>Total</b>	<b>1.5463</b>	<b>18.2862</b>	<b>10.7496</b>	<b>0.0245</b>	<b>0.2592</b>	<b>0.7019</b>	<b>0.9611</b>	<b>0.0294</b>	<b>0.6457</b>	<b>0.6752</b>	<b>0.0000</b>	<b>2,372.883 2</b>	<b>2,372.883 2</b>	<b>0.7674</b>		<b>2,392.069 2</b>

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### 3.3 Site Preparation - 2021

#### 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	0.2817	9.5286	2.0532	0.0285	0.6351	0.0301	0.6652	0.1741	0.0288	0.2029		3,037.725 1	3,037.725 1	0.1342		3,041.079 7
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	0.0258	0.0153	0.2016	6.2000e-004	0.0657	4.0000e-004	0.0661	0.0174	3.7000e-004	0.0178		62.2409	62.2409	1.4100e-003		62.2762
<b>Total</b>	<b>0.3074</b>	<b>9.5439</b>	<b>2.2548</b>	<b>0.0291</b>	<b>0.7008</b>	<b>0.0305</b>	<b>0.7313</b>	<b>0.1915</b>	<b>0.0292</b>	<b>0.2207</b>		<b>3,099.965 9</b>	<b>3,099.965 9</b>	<b>0.1356</b>		<b>3,103.356 0</b>

### 3.4 Grading - 2021

#### 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					6.1352	0.0000	6.1352	3.3224	0.0000	3.3224			0.0000			0.0000
Off-Road	1.8271	20.2135	9.7604	0.0206		0.9158	0.9158		0.8425	0.8425		1,995.6114	1,995.611 4	0.6454		2,011.7470
<b>Total</b>	<b>1.8271</b>	<b>20.2135</b>	<b>9.7604</b>	<b>0.0206</b>	<b>6.1352</b>	<b>0.9158</b>	<b>7.0510</b>	<b>3.3224</b>	<b>0.8425</b>	<b>4.1649</b>		<b>1,995.611 4</b>	<b>1,995.611 4</b>	<b>0.6454</b>		<b>2,011.747 0</b>

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### 3.4 Grading - 2021

#### 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	0.0322	0.0191	0.2520	7.8000e-004	0.0822	5.0000e-004	0.0827	0.0218	4.6000e-004	0.0223		77.8011	77.8011	1.7700e-003		77.8453
<b>Total</b>	<b>0.0322</b>	<b>0.0191</b>	<b>0.2520</b>	<b>7.8000e-004</b>	<b>0.0822</b>	<b>5.0000e-004</b>	<b>0.0827</b>	<b>0.0218</b>	<b>4.6000e-004</b>	<b>0.0223</b>		<b>77.8011</b>	<b>77.8011</b>	<b>1.7700e-003</b>		<b>77.8453</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					6.1352	0.0000	6.1352	3.3224	0.0000	3.3224			0.0000			0.0000
Off-Road	1.8271	20.2135	9.7604	0.0206		0.9158	0.9158		0.8425	0.8425	0.0000	1,995.6114	1,995.6114	0.6454		2,011.7470
<b>Total</b>	<b>1.8271</b>	<b>20.2135</b>	<b>9.7604</b>	<b>0.0206</b>	<b>6.1352</b>	<b>0.9158</b>	<b>7.0510</b>	<b>3.3224</b>	<b>0.8425</b>	<b>4.1649</b>	<b>0.0000</b>	<b>1,995.6114</b>	<b>1,995.6114</b>	<b>0.6454</b>		<b>2,011.7470</b>

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### 3.4 Grading - 2021

#### 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	0.0322	0.0191	0.2520	7.8000e-004	0.0822	5.0000e-004	0.0827	0.0218	4.6000e-004	0.0223		77.8011	77.8011	1.7700e-003		77.8453
<b>Total</b>	<b>0.0322</b>	<b>0.0191</b>	<b>0.2520</b>	<b>7.8000e-004</b>	<b>0.0822</b>	<b>5.0000e-004</b>	<b>0.0827</b>	<b>0.0218</b>	<b>4.6000e-004</b>	<b>0.0223</b>		<b>77.8011</b>	<b>77.8011</b>	<b>1.7700e-003</b>		<b>77.8453</b>

### 3.5 Building Construction - 2021

#### 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	2.0451	16.0275	14.5629	0.0250		0.8173	0.8173		0.7831	0.7831		2,288.9355	2,288.9355	0.4503		2,300.1935
<b>Total</b>	<b>2.0451</b>	<b>16.0275</b>	<b>14.5629</b>	<b>0.0250</b>		<b>0.8173</b>	<b>0.8173</b>		<b>0.7831</b>	<b>0.7831</b>		<b>2,288.9355</b>	<b>2,288.9355</b>	<b>0.4503</b>		<b>2,300.1935</b>

3090 Bascom Avenue - Santa Clara County, Summer

**3.5 Building Construction - 2021**

**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	0.0383	1.2199	0.3075	3.2700e-003	0.0813	2.7000e-003	0.0839	0.0234	2.5800e-003	0.0260		346.3431	346.3431	0.0144		346.7040
Worker	0.2286	0.1355	1.7892	5.5400e-003	0.5833	3.5400e-003	0.5868	0.1547	3.2600e-003	0.1580		552.3877	552.3877	0.0126		552.7015
<b>Total</b>	<b>0.2669</b>	<b>1.3554</b>	<b>2.0967</b>	<b>8.8100e-003</b>	<b>0.6645</b>	<b>6.2400e-003</b>	<b>0.6707</b>	<b>0.1781</b>	<b>5.8400e-003</b>	<b>0.1839</b>		<b>898.7308</b>	<b>898.7308</b>	<b>0.0270</b>		<b>899.4054</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	2.0451	16.0275	14.5629	0.0250		0.8173	0.8173		0.7831	0.7831	0.0000	2,288.9355	2,288.9355	0.4503		2,300.1935
<b>Total</b>	<b>2.0451</b>	<b>16.0275</b>	<b>14.5629</b>	<b>0.0250</b>		<b>0.8173</b>	<b>0.8173</b>		<b>0.7831</b>	<b>0.7831</b>	<b>0.0000</b>	<b>2,288.9355</b>	<b>2,288.9355</b>	<b>0.4503</b>		<b>2,300.1935</b>

3090 Bascom Avenue - Santa Clara County, Summer

### 3.5 Building Construction - 2021

#### 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	0.0383	1.2199	0.3075	3.2700e-003	0.0813	2.7000e-003	0.0839	0.0234	2.5800e-003	0.0260		346.3431	346.3431	0.0144		346.7040
Worker	0.2286	0.1355	1.7892	5.5400e-003	0.5833	3.5400e-003	0.5868	0.1547	3.2600e-003	0.1580		552.3877	552.3877	0.0126		552.7015
<b>Total</b>	<b>0.2669</b>	<b>1.3554</b>	<b>2.0967</b>	<b>8.8100e-003</b>	<b>0.6645</b>	<b>6.2400e-003</b>	<b>0.6707</b>	<b>0.1781</b>	<b>5.8400e-003</b>	<b>0.1839</b>		<b>898.7308</b>	<b>898.7308</b>	<b>0.0270</b>		<b>899.4054</b>

### 3.6 Paving - 2021

#### 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	1.0633	10.6478	11.7756	0.0178		0.5826	0.5826		0.5371	0.5371		1,709.1107	1,709.1107	0.5417		1,722.6524
Paving	0.0734					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.1367</b>	<b>10.6478</b>	<b>11.7756</b>	<b>0.0178</b>		<b>0.5826</b>	<b>0.5826</b>		<b>0.5371</b>	<b>0.5371</b>		<b>1,709.1107</b>	<b>1,709.1107</b>	<b>0.5417</b>		<b>1,722.6524</b>

3090 Bascom Avenue - Santa Clara County, Summer

**3.6 Paving - 2021**

**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	0.0483	0.0286	0.3780	1.1700e-003	0.1232	7.5000e-004	0.1240	0.0327	6.9000e-004	0.0334		116.7016	116.7016	2.6500e-003		116.7679
<b>Total</b>	<b>0.0483</b>	<b>0.0286</b>	<b>0.3780</b>	<b>1.1700e-003</b>	<b>0.1232</b>	<b>7.5000e-004</b>	<b>0.1240</b>	<b>0.0327</b>	<b>6.9000e-004</b>	<b>0.0334</b>		<b>116.7016</b>	<b>116.7016</b>	<b>2.6500e-003</b>		<b>116.7679</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	1.0633	10.6478	11.7756	0.0178		0.5826	0.5826		0.5371	0.5371	0.0000	1,709.1107	1,709.1107	0.5417		1,722.6524
Paving	0.0734					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.1367</b>	<b>10.6478</b>	<b>11.7756</b>	<b>0.0178</b>		<b>0.5826</b>	<b>0.5826</b>		<b>0.5371</b>	<b>0.5371</b>	<b>0.0000</b>	<b>1,709.1107</b>	<b>1,709.1107</b>	<b>0.5417</b>		<b>1,722.6524</b>

3090 Bascom Avenue - Santa Clara County, Summer

### 3.6 Paving - 2021

#### 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	0.0483	0.0286	0.3780	1.1700e-003	0.1232	7.5000e-004	0.1240	0.0327	6.9000e-004	0.0334		116.7016	116.7016	2.6500e-003		116.7679
<b>Total</b>	<b>0.0483</b>	<b>0.0286</b>	<b>0.3780</b>	<b>1.1700e-003</b>	<b>0.1232</b>	<b>7.5000e-004</b>	<b>0.1240</b>	<b>0.0327</b>	<b>6.9000e-004</b>	<b>0.0334</b>		<b>116.7016</b>	<b>116.7016</b>	<b>2.6500e-003</b>		<b>116.7679</b>

### 3.7 Architectural Coating - 2021

#### 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	43.3475					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
<b>Total</b>	<b>43.5664</b>	<b>1.5268</b>	<b>1.8176</b>	<b>2.9700e-003</b>		<b>0.0941</b>	<b>0.0941</b>		<b>0.0941</b>	<b>0.0941</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0193</b>		<b>281.9309</b>

3090 Bascom Avenue - Santa Clara County, Summer

**3.7 Architectural Coating - 2021**

**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	0.0451	0.0267	0.3528	1.0900e-003	0.1150	7.0000e-004	0.1157	0.0305	6.4000e-004	0.0312		108.9215	108.9215	2.4700e-003		108.9834
<b>Total</b>	<b>0.0451</b>	<b>0.0267</b>	<b>0.3528</b>	<b>1.0900e-003</b>	<b>0.1150</b>	<b>7.0000e-004</b>	<b>0.1157</b>	<b>0.0305</b>	<b>6.4000e-004</b>	<b>0.0312</b>		<b>108.9215</b>	<b>108.9215</b>	<b>2.4700e-003</b>		<b>108.9834</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	43.3475					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
<b>Total</b>	<b>43.5664</b>	<b>1.5268</b>	<b>1.8176</b>	<b>2.9700e-003</b>		<b>0.0941</b>	<b>0.0941</b>		<b>0.0941</b>	<b>0.0941</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0193</b>		<b>281.9309</b>

3090 Bascom Avenue - Santa Clara County, Summer

### 3.7 Architectural Coating - 2021

#### 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	0.0451	0.0267	0.3528	1.0900e-003	0.1150	7.0000e-004	0.1157	0.0305	6.4000e-004	0.0312		108.9215	108.9215	2.4700e-003		108.9834
<b>Total</b>	<b>0.0451</b>	<b>0.0267</b>	<b>0.3528</b>	<b>1.0900e-003</b>	<b>0.1150</b>	<b>7.0000e-004</b>	<b>0.1157</b>	<b>0.0305</b>	<b>6.4000e-004</b>	<b>0.0312</b>		<b>108.9215</b>	<b>108.9215</b>	<b>2.4700e-003</b>		<b>108.9834</b>

### 3.7 Architectural Coating - 2022

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	43.3475					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
<b>Total</b>	<b>43.5520</b>	<b>1.4085</b>	<b>1.8136</b>	<b>2.9700e-003</b>		<b>0.0817</b>	<b>0.0817</b>		<b>0.0817</b>	<b>0.0817</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0183</b>		<b>281.9062</b>

3090 Bascom Avenue - Santa Clara County, Summer

**3.7 Architectural Coating - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0420	0.0240	0.3251	1.0500e-003	0.1150	6.8000e-004	0.1157	0.0305	6.3000e-004	0.0311		104.9609	104.9609	2.2200e-003		105.0165
<b>Total</b>	<b>0.0420</b>	<b>0.0240</b>	<b>0.3251</b>	<b>1.0500e-003</b>	<b>0.1150</b>	<b>6.8000e-004</b>	<b>0.1157</b>	<b>0.0305</b>	<b>6.3000e-004</b>	<b>0.0311</b>		<b>104.9609</b>	<b>104.9609</b>	<b>2.2200e-003</b>		<b>105.0165</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	43.3475					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
<b>Total</b>	<b>43.5520</b>	<b>1.4085</b>	<b>1.8136</b>	<b>2.9700e-003</b>		<b>0.0817</b>	<b>0.0817</b>		<b>0.0817</b>	<b>0.0817</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0183</b>		<b>281.9062</b>

3090 Bascom Avenue - Santa Clara County, Summer

### 3.7 Architectural Coating - 2022

#### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0420	0.0240	0.3251	1.0500e-003	0.1150	6.8000e-004	0.1157	0.0305	6.3000e-004	0.0311		104.9609	104.9609	2.2200e-003		105.0165
<b>Total</b>	<b>0.0420</b>	<b>0.0240</b>	<b>0.3251</b>	<b>1.0500e-003</b>	<b>0.1150</b>	<b>6.8000e-004</b>	<b>0.1157</b>	<b>0.0305</b>	<b>6.3000e-004</b>	<b>0.0311</b>		<b>104.9609</b>	<b>104.9609</b>	<b>2.2200e-003</b>		<b>105.0165</b>

### 4.0 Operational Detail - Mobile

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#### 4.1 Mitigation Measures Mobile

Integrate Below Market Rate Housing

3090 Bascom Avenue - Santa Clara County, Summer

	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	0.9096	3.2218	9.4847	0.0329	2.9553	0.0264	2.9816	0.7888	0.0246	0.8135		3,321.494 2	3,321.494 2	0.1079		3,324.191 6
Unmitigated	0.9204	3.2886	9.7871	0.0342	3.0745	0.0273	3.1019	0.8207	0.0255	0.8462		3,446.026 3	3,446.026 3	0.1112		3,448.805 4

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	598.50	575.10	527.40	1,351,120	1,298,697
General Office Building	29.78	6.64	2.84	54,071	51,973
Parking Lot	0.00	0.00	0.00		
Total	628.28	581.74	530.24	1,405,191	1,350,669

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	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

3090 Bascom Avenue - Santa Clara County, Summer

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.610498	0.036775	0.183084	0.106123	0.014413	0.005007	0.012610	0.021118	0.002144	0.001548	0.005312	0.000627	0.000740
General Office Building	0.610498	0.036775	0.183084	0.106123	0.014413	0.005007	0.012610	0.021118	0.002144	0.001548	0.005312	0.000627	0.000740
Parking Lot	0.610498	0.036775	0.183084	0.106123	0.014413	0.005007	0.012610	0.021118	0.002144	0.001548	0.005312	0.000627	0.000740

**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	lb/day										lb/day					
NaturalGas Mitigated	0.0243	0.2082	0.0935	1.3200e-003		0.0168	0.0168		0.0168	0.0168		264.8669	264.8669	5.0800e-003	4.8600e-003	266.4409
NaturalGas Unmitigated	0.0243	0.2082	0.0935	1.3200e-003		0.0168	0.0168		0.0168	0.0168		264.8669	264.8669	5.0800e-003	4.8600e-003	266.4409

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**5.2 Energy by Land Use - Natural Gas**

**Unmitigated**

	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	lb/day										lb/day					
Apartments Mid Rise	2130.28	0.0230	0.1963	0.0835	1.2500e-003		0.0159	0.0159		0.0159	0.0159		250.6206	250.6206	4.8000e-003	4.5900e-003	252.1099
General Office Building	121.093	1.3100e-003	0.0119	9.9700e-003	7.0000e-005		9.0000e-004	9.0000e-004		9.0000e-004	9.0000e-004		14.2463	14.2463	2.7000e-004	2.6000e-004	14.3309
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
<b>Total</b>		<b>0.0243</b>	<b>0.2082</b>	<b>0.0935</b>	<b>1.3200e-003</b>		<b>0.0168</b>	<b>0.0168</b>		<b>0.0168</b>	<b>0.0168</b>		<b>264.8669</b>	<b>264.8669</b>	<b>5.0700e-003</b>	<b>4.8500e-003</b>	<b>266.4409</b>

**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	lb/day										lb/day					
Apartments Mid Rise	2.13028	0.0230	0.1963	0.0835	1.2500e-003		0.0159	0.0159		0.0159	0.0159		250.6206	250.6206	4.8000e-003	4.5900e-003	252.1099
General Office Building	0.121093	1.3100e-003	0.0119	9.9700e-003	7.0000e-005		9.0000e-004	9.0000e-004		9.0000e-004	9.0000e-004		14.2463	14.2463	2.7000e-004	2.6000e-004	14.3309
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
<b>Total</b>		<b>0.0243</b>	<b>0.2082</b>	<b>0.0935</b>	<b>1.3200e-003</b>		<b>0.0168</b>	<b>0.0168</b>		<b>0.0168</b>	<b>0.0168</b>		<b>264.8669</b>	<b>264.8669</b>	<b>5.0700e-003</b>	<b>4.8500e-003</b>	<b>266.4409</b>

**6.0 Area Detail**

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**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 Low VOC Paint - Non-Residential Exterior
- No Hearths Installed

	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	2.5693	0.0858	7.4366	3.9000e-004		0.0411	0.0411		0.0411	0.0411	0.0000	13.3771	13.3771	0.0129	0.0000	13.7000
Unmitigated	39.5827	0.9040	56.3386	0.0946		6.9834	6.9834		6.9834	6.9834	753.3762	346.9065	1,100.2827	1.0439	0.0533	1,142.2482

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**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	0.3563					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.9882					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	37.0134	0.8183	48.9020	0.0942		6.9424	6.9424		6.9424	6.9424	753.3762	333.5294	1,086.9056	1.0310	0.0533	1,128.5482
Landscaping	0.2248	0.0858	7.4366	3.9000e-004		0.0411	0.0411		0.0411	0.0411		13.3771	13.3771	0.0129		13.7000
<b>Total</b>	<b>39.5827</b>	<b>0.9040</b>	<b>56.3386</b>	<b>0.0946</b>		<b>6.9834</b>	<b>6.9834</b>		<b>6.9834</b>	<b>6.9834</b>	<b>753.3762</b>	<b>346.9065</b>	<b>1,100.2827</b>	<b>1.0439</b>	<b>0.0533</b>	<b>1,142.2482</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	lb/day										lb/day					
Architectural Coating	0.3563					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.9882					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	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
Landscaping	0.2248	0.0858	7.4366	3.9000e-004		0.0411	0.0411		0.0411	0.0411		13.3771	13.3771	0.0129		13.7000
<b>Total</b>	<b>2.5693</b>	<b>0.0858</b>	<b>7.4366</b>	<b>3.9000e-004</b>		<b>0.0411</b>	<b>0.0411</b>		<b>0.0411</b>	<b>0.0411</b>	<b>0.0000</b>	<b>13.3771</b>	<b>13.3771</b>	<b>0.0129</b>	<b>0.0000</b>	<b>13.7000</b>

## 7.0 Water Detail

### 7.1 Mitigation Measures Water

- Apply Water Conservation Strategy
- 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

### 8.1 Mitigation Measures Waste

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Institute Recycling and Composting Services

**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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