

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Winter

**Stevens Creek Chrysler Jeep Dodge**  
**Santa Clara County, Winter**

**1.0 Project Characteristics**

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**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Automobile Care Center	27.41	1000sqft	0.63	27,411.00	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/MWhr)</b>	641.35	<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 -
- Construction Phase -
- Vehicle Trips - Representative of retail
- Architectural Coating -
- Area Mitigation -
- Energy Mitigation -
- Water Mitigation -

## Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Winter

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstructionPhase	PhaseEndDate	3/4/2021	6/25/2021
tblConstructionPhase	PhaseEndDate	2/18/2021	6/11/2021
tblConstructionPhase	PhaseEndDate	9/28/2020	1/15/2021
tblConstructionPhase	PhaseEndDate	10/1/2020	1/20/2021
tblConstructionPhase	PhaseEndDate	2/25/2021	6/18/2021
tblConstructionPhase	PhaseEndDate	9/29/2020	1/18/2021
tblConstructionPhase	PhaseStartDate	2/26/2021	6/21/2021
tblConstructionPhase	PhaseStartDate	10/2/2020	1/25/2021
tblConstructionPhase	PhaseStartDate	9/15/2020	1/4/2021
tblConstructionPhase	PhaseStartDate	9/30/2020	1/19/2021
tblConstructionPhase	PhaseStartDate	2/19/2021	6/14/2021
tblConstructionPhase	PhaseStartDate	9/29/2020	1/18/2021
tblVehicleTrips	ST_TR	23.72	2.37
tblVehicleTrips	SU_TR	11.88	1.19
tblVehicleTrips	WD_TR	23.72	2.37

## 2.0 Emissions Summary

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Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Winter

**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	0.6652	3.0000e-005	2.8000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		6.0000e-003	6.0000e-003	2.0000e-005		6.3900e-003
Energy	0.0214	0.1942	0.1632	1.1700e-003		0.0148	0.0148		0.0148	0.0148		233.0708	233.0708	4.4700e-003	4.2700e-003	234.4558
Mobile	0.0663	0.2458	0.6005	1.5400e-003	0.1369	1.4400e-003	0.1383	0.0365	1.3400e-003	0.0379		155.8158	155.8158	6.9300e-003		155.9889
<b>Total</b>	<b>0.7528</b>	<b>0.4401</b>	<b>0.7665</b>	<b>2.7100e-003</b>	<b>0.1369</b>	<b>0.0162</b>	<b>0.1531</b>	<b>0.0365</b>	<b>0.0161</b>	<b>0.0527</b>		<b>388.8926</b>	<b>388.8926</b>	<b>0.0114</b>	<b>4.2700e-003</b>	<b>390.4511</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	0.6652	3.0000e-005	2.8000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		6.0000e-003	6.0000e-003	2.0000e-005		6.3900e-003
Energy	0.0214	0.1942	0.1632	1.1700e-003		0.0148	0.0148		0.0148	0.0148		233.0708	233.0708	4.4700e-003	4.2700e-003	234.4558
Mobile	0.0663	0.2458	0.6005	1.5400e-003	0.1369	1.4400e-003	0.1383	0.0365	1.3400e-003	0.0379		155.8158	155.8158	6.9300e-003		155.9889
<b>Total</b>	<b>0.7528</b>	<b>0.4401</b>	<b>0.7665</b>	<b>2.7100e-003</b>	<b>0.1369</b>	<b>0.0162</b>	<b>0.1531</b>	<b>0.0365</b>	<b>0.0161</b>	<b>0.0527</b>		<b>388.8926</b>	<b>388.8926</b>	<b>0.0114</b>	<b>4.2700e-003</b>	<b>390.4511</b>

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

### 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	1/15/2021	5	10	
2	Site Preparation	Site Preparation	1/18/2021	1/18/2021	5	1	
3	Grading	Grading	1/19/2021	1/20/2021	5	2	
4	Building Construction	Building Construction	1/25/2021	6/11/2021	5	100	
5	Paving	Paving	6/14/2021	6/18/2021	5	5	
6	Architectural Coating	Architectural Coating	6/21/2021	6/25/2021	5	5	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 41,117; Non-Residential Outdoor: 13,706; Striped Parking Area: 0 (Architectural Coating – sqft)

#### OffRoad Equipment

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Winter

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	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	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
Demolition	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	9.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	2.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Winter

**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	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886		1,147.4338	1,147.4338	0.2138		1,152.7797
<b>Total</b>	<b>0.7965</b>	<b>7.2530</b>	<b>7.5691</b>	<b>0.0120</b>		<b>0.4073</b>	<b>0.4073</b>		<b>0.3886</b>	<b>0.3886</b>		<b>1,147.4338</b>	<b>1,147.4338</b>	<b>0.2138</b>		<b>1,152.7797</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	0.0343	0.0233	0.2326	7.2000e-004	0.0822	5.0000e-004	0.0827	0.0218	4.6000e-004	0.0223		71.4768	71.4768	1.6400e-003		71.5178
<b>Total</b>	<b>0.0343</b>	<b>0.0233</b>	<b>0.2326</b>	<b>7.2000e-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>71.4768</b>	<b>71.4768</b>	<b>1.6400e-003</b>		<b>71.5178</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	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886	0.0000	1,147.4338	1,147.4338	0.2138		1,152.7797
<b>Total</b>	<b>0.7965</b>	<b>7.2530</b>	<b>7.5691</b>	<b>0.0120</b>		<b>0.4073</b>	<b>0.4073</b>		<b>0.3886</b>	<b>0.3886</b>	<b>0.0000</b>	<b>1,147.4338</b>	<b>1,147.4338</b>	<b>0.2138</b>		<b>1,152.7797</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	0.0343	0.0233	0.2326	7.2000e-004	0.0822	5.0000e-004	0.0827	0.0218	4.6000e-004	0.0223		71.4768	71.4768	1.6400e-003		71.5178
<b>Total</b>	<b>0.0343</b>	<b>0.0233</b>	<b>0.2326</b>	<b>7.2000e-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>71.4768</b>	<b>71.4768</b>	<b>1.6400e-003</b>		<b>71.5178</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					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.6403	7.8204	4.0274	9.7300e-003		0.2995	0.2995		0.2755	0.2755		942.5842	942.5842	0.3049		950.2055
<b>Total</b>	<b>0.6403</b>	<b>7.8204</b>	<b>4.0274</b>	<b>9.7300e-003</b>	<b>0.5303</b>	<b>0.2995</b>	<b>0.8297</b>	<b>0.0573</b>	<b>0.2755</b>	<b>0.3328</b>		<b>942.5842</b>	<b>942.5842</b>	<b>0.3049</b>		<b>950.2055</b>

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Winter

**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	0.0000	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	0.0172	0.0117	0.1163	3.6000e-004	0.0411	2.5000e-004	0.0413	0.0109	2.3000e-004	0.0111		35.7384	35.7384	8.2000e-004		35.7589
<b>Total</b>	<b>0.0172</b>	<b>0.0117</b>	<b>0.1163</b>	<b>3.6000e-004</b>	<b>0.0411</b>	<b>2.5000e-004</b>	<b>0.0413</b>	<b>0.0109</b>	<b>2.3000e-004</b>	<b>0.0111</b>		<b>35.7384</b>	<b>35.7384</b>	<b>8.2000e-004</b>		<b>35.7589</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					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.6403	7.8204	4.0274	9.7300e-003		0.2995	0.2995		0.2755	0.2755	0.0000	942.5842	942.5842	0.3049		950.2055
<b>Total</b>	<b>0.6403</b>	<b>7.8204</b>	<b>4.0274</b>	<b>9.7300e-003</b>	<b>0.5303</b>	<b>0.2995</b>	<b>0.8297</b>	<b>0.0573</b>	<b>0.2755</b>	<b>0.3328</b>	<b>0.0000</b>	<b>942.5842</b>	<b>942.5842</b>	<b>0.3049</b>		<b>950.2055</b>

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Winter

**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	0.0000	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	0.0172	0.0117	0.1163	3.6000e-004	0.0411	2.5000e-004	0.0413	0.0109	2.3000e-004	0.0111		35.7384	35.7384	8.2000e-004		35.7589
<b>Total</b>	<b>0.0172</b>	<b>0.0117</b>	<b>0.1163</b>	<b>3.6000e-004</b>	<b>0.0411</b>	<b>2.5000e-004</b>	<b>0.0413</b>	<b>0.0109</b>	<b>2.3000e-004</b>	<b>0.0111</b>		<b>35.7384</b>	<b>35.7384</b>	<b>8.2000e-004</b>		<b>35.7589</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					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000			0.0000
Off-Road	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886		1,147.4338	1,147.4338	0.2138		1,152.7797
<b>Total</b>	<b>0.7965</b>	<b>7.2530</b>	<b>7.5691</b>	<b>0.0120</b>	<b>0.7528</b>	<b>0.4073</b>	<b>1.1601</b>	<b>0.4138</b>	<b>0.3886</b>	<b>0.8024</b>		<b>1,147.4338</b>	<b>1,147.4338</b>	<b>0.2138</b>		<b>1,152.7797</b>

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Winter

**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	0.0343	0.0233	0.2326	7.2000e-004	0.0822	5.0000e-004	0.0827	0.0218	4.6000e-004	0.0223		71.4768	71.4768	1.6400e-003		71.5178
<b>Total</b>	<b>0.0343</b>	<b>0.0233</b>	<b>0.2326</b>	<b>7.2000e-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>71.4768</b>	<b>71.4768</b>	<b>1.6400e-003</b>		<b>71.5178</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					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000			0.0000
Off-Road	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886	0.0000	1,147.4338	1,147.4338	0.2138		1,152.7797
<b>Total</b>	<b>0.7965</b>	<b>7.2530</b>	<b>7.5691</b>	<b>0.0120</b>	<b>0.7528</b>	<b>0.4073</b>	<b>1.1601</b>	<b>0.4138</b>	<b>0.3886</b>	<b>0.8024</b>	<b>0.0000</b>	<b>1,147.4338</b>	<b>1,147.4338</b>	<b>0.2138</b>		<b>1,152.7797</b>

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Winter

**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	0.0343	0.0233	0.2326	7.2000e-004	0.0822	5.0000e-004	0.0827	0.0218	4.6000e-004	0.0223		71.4768	71.4768	1.6400e-003		71.5178
<b>Total</b>	<b>0.0343</b>	<b>0.0233</b>	<b>0.2326</b>	<b>7.2000e-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>71.4768</b>	<b>71.4768</b>	<b>1.6400e-003</b>		<b>71.5178</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	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117		1,103.2158	1,103.2158	0.3568		1,112.1358
<b>Total</b>	<b>0.7750</b>	<b>7.9850</b>	<b>7.2637</b>	<b>0.0114</b>		<b>0.4475</b>	<b>0.4475</b>		<b>0.4117</b>	<b>0.4117</b>		<b>1,103.2158</b>	<b>1,103.2158</b>	<b>0.3568</b>		<b>1,112.1358</b>

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Winter

**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	0.0135	0.4103	0.1173	1.0600e-003	0.0271	9.3000e-004	0.0280	7.8000e-003	8.9000e-004	8.6800e-003		112.5082	112.5082	5.1900e-003		112.6378
Worker	0.0309	0.0210	0.2094	6.5000e-004	0.0739	4.5000e-004	0.0744	0.0196	4.1000e-004	0.0200		64.3291	64.3291	1.4800e-003		64.3661
<b>Total</b>	<b>0.0444</b>	<b>0.4312</b>	<b>0.3267</b>	<b>1.7100e-003</b>	<b>0.1010</b>	<b>1.3800e-003</b>	<b>0.1024</b>	<b>0.0274</b>	<b>1.3000e-003</b>	<b>0.0287</b>		<b>176.8373</b>	<b>176.8373</b>	<b>6.6700e-003</b>		<b>177.0039</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	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117	0.0000	1,103.2158	1,103.2158	0.3568		1,112.1358
<b>Total</b>	<b>0.7750</b>	<b>7.9850</b>	<b>7.2637</b>	<b>0.0114</b>		<b>0.4475</b>	<b>0.4475</b>		<b>0.4117</b>	<b>0.4117</b>	<b>0.0000</b>	<b>1,103.2158</b>	<b>1,103.2158</b>	<b>0.3568</b>		<b>1,112.1358</b>

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Winter

**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	0.0135	0.4103	0.1173	1.0600e-003	0.0271	9.3000e-004	0.0280	7.8000e-003	8.9000e-004	8.6800e-003		112.5082	112.5082	5.1900e-003		112.6378
Worker	0.0309	0.0210	0.2094	6.5000e-004	0.0739	4.5000e-004	0.0744	0.0196	4.1000e-004	0.0200		64.3291	64.3291	1.4800e-003		64.3661
<b>Total</b>	<b>0.0444</b>	<b>0.4312</b>	<b>0.3267</b>	<b>1.7100e-003</b>	<b>0.1010</b>	<b>1.3800e-003</b>	<b>0.1024</b>	<b>0.0274</b>	<b>1.3000e-003</b>	<b>0.0287</b>		<b>176.8373</b>	<b>176.8373</b>	<b>6.6700e-003</b>		<b>177.0039</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	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286		1,035.3425	1,035.3425	0.3016		1,042.8818
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.7214</b>	<b>6.7178</b>	<b>7.0899</b>	<b>0.0113</b>		<b>0.3534</b>	<b>0.3534</b>		<b>0.3286</b>	<b>0.3286</b>		<b>1,035.3425</b>	<b>1,035.3425</b>	<b>0.3016</b>		<b>1,042.8818</b>

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Winter

**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	0.0618	0.0419	0.4188	1.2900e-003	0.1479	9.0000e-004	0.1488	0.0392	8.3000e-004	0.0401		128.6583	128.6583	2.9500e-003		128.7321
<b>Total</b>	<b>0.0618</b>	<b>0.0419</b>	<b>0.4188</b>	<b>1.2900e-003</b>	<b>0.1479</b>	<b>9.0000e-004</b>	<b>0.1488</b>	<b>0.0392</b>	<b>8.3000e-004</b>	<b>0.0401</b>		<b>128.6583</b>	<b>128.6583</b>	<b>2.9500e-003</b>		<b>128.7321</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	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286	0.0000	1,035.3425	1,035.3425	0.3016		1,042.8818
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.7214</b>	<b>6.7178</b>	<b>7.0899</b>	<b>0.0113</b>		<b>0.3534</b>	<b>0.3534</b>		<b>0.3286</b>	<b>0.3286</b>	<b>0.0000</b>	<b>1,035.3425</b>	<b>1,035.3425</b>	<b>0.3016</b>		<b>1,042.8818</b>



Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Winter

**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	0.0618	0.0419	0.4188	1.2900e-003	0.1479	9.0000e-004	0.1488	0.0392	8.3000e-004	0.0401		128.6583	128.6583	2.9500e-003		128.7321
<b>Total</b>	<b>0.0618</b>	<b>0.0419</b>	<b>0.4188</b>	<b>1.2900e-003</b>	<b>0.1479</b>	<b>9.0000e-004</b>	<b>0.1488</b>	<b>0.0392</b>	<b>8.3000e-004</b>	<b>0.0401</b>		<b>128.6583</b>	<b>128.6583</b>	<b>2.9500e-003</b>		<b>128.7321</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	57.1737					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>57.3926</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>

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Winter

**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	6.8600e-003	4.6600e-003	0.0465	1.4000e-004	0.0164	1.0000e-004	0.0165	4.3600e-003	9.0000e-005	4.4500e-003		14.2954	14.2954	3.3000e-004		14.3036
<b>Total</b>	<b>6.8600e-003</b>	<b>4.6600e-003</b>	<b>0.0465</b>	<b>1.4000e-004</b>	<b>0.0164</b>	<b>1.0000e-004</b>	<b>0.0165</b>	<b>4.3600e-003</b>	<b>9.0000e-005</b>	<b>4.4500e-003</b>		<b>14.2954</b>	<b>14.2954</b>	<b>3.3000e-004</b>		<b>14.3036</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	57.1737					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>57.3926</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>

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Winter

**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	6.8600e-003	4.6600e-003	0.0465	1.4000e-004	0.0164	1.0000e-004	0.0165	4.3600e-003	9.0000e-005	4.4500e-003		14.2954	14.2954	3.3000e-004		14.3036
<b>Total</b>	<b>6.8600e-003</b>	<b>4.6600e-003</b>	<b>0.0465</b>	<b>1.4000e-004</b>	<b>0.0164</b>	<b>1.0000e-004</b>	<b>0.0165</b>	<b>4.3600e-003</b>	<b>9.0000e-005</b>	<b>4.4500e-003</b>		<b>14.2954</b>	<b>14.2954</b>	<b>3.3000e-004</b>		<b>14.3036</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Winter

	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	0.0663	0.2458	0.6005	1.5400e-003	0.1369	1.4400e-003	0.1383	0.0365	1.3400e-003	0.0379		155.8158	155.8158	6.9300e-003		155.9889
Unmitigated	0.0663	0.2458	0.6005	1.5400e-003	0.1369	1.4400e-003	0.1383	0.0365	1.3400e-003	0.0379		155.8158	155.8158	6.9300e-003		155.9889

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Automobile Care Center	64.96	64.96	32.62	60,113	60,113
Total	64.96	64.96	32.62	60,113	60,113

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
Automobile Care Center	9.50	7.30	7.30	33.00	48.00	19.00	21	51	28

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Automobile Care Center	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

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Winter

**5.1 Mitigation Measures Energy**

Install High Efficiency Lighting

	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	0.0214	0.1942	0.1632	1.1700e-003		0.0148	0.0148		0.0148	0.0148		233.0708	233.0708	4.4700e-003	4.2700e-003	234.4558
NaturalGas Unmitigated	0.0214	0.1942	0.1632	1.1700e-003		0.0148	0.0148		0.0148	0.0148		233.0708	233.0708	4.4700e-003	4.2700e-003	234.4558

**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					
Automobile Care Center	1981.1	0.0214	0.1942	0.1632	1.1700e-003		0.0148	0.0148		0.0148	0.0148		233.0708	233.0708	4.4700e-003	4.2700e-003	234.4558
<b>Total</b>		<b>0.0214</b>	<b>0.1942</b>	<b>0.1632</b>	<b>1.1700e-003</b>		<b>0.0148</b>	<b>0.0148</b>		<b>0.0148</b>	<b>0.0148</b>		<b>233.0708</b>	<b>233.0708</b>	<b>4.4700e-003</b>	<b>4.2700e-003</b>	<b>234.4558</b>

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Winter

**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					
Automobile Care Center	1.9811	0.0214	0.1942	0.1632	1.1700e-003		0.0148	0.0148		0.0148	0.0148		233.0708	233.0708	4.4700e-003	4.2700e-003	234.4558
<b>Total</b>		<b>0.0214</b>	<b>0.1942</b>	<b>0.1632</b>	<b>1.1700e-003</b>		<b>0.0148</b>	<b>0.0148</b>		<b>0.0148</b>	<b>0.0148</b>		<b>233.0708</b>	<b>233.0708</b>	<b>4.4700e-003</b>	<b>4.2700e-003</b>	<b>234.4558</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 Low VOC Paint - Non-Residential Exterior

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Winter

	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	0.6652	3.0000e-005	2.8000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		6.0000e-003	6.0000e-003	2.0000e-005		6.3900e-003
Unmitigated	0.6652	3.0000e-005	2.8000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		6.0000e-003	6.0000e-003	2.0000e-005		6.3900e-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	lb/day										lb/day					
Architectural Coating	0.0783					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.5866					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.6000e-004	3.0000e-005	2.8000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		6.0000e-003	6.0000e-003	2.0000e-005		6.3900e-003
<b>Total</b>	<b>0.6652</b>	<b>3.0000e-005</b>	<b>2.8000e-003</b>	<b>0.0000</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>6.0000e-003</b>	<b>6.0000e-003</b>	<b>2.0000e-005</b>		<b>6.3900e-003</b>

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Winter

**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	0.0783					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.5866					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.6000e-004	3.0000e-005	2.8000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		6.0000e-003	6.0000e-003	2.0000e-005		6.3900e-003
<b>Total</b>	<b>0.6652</b>	<b>3.0000e-005</b>	<b>2.8000e-003</b>	<b>0.0000</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>6.0000e-003</b>	<b>6.0000e-003</b>	<b>2.0000e-005</b>		<b>6.3900e-003</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

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

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## Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Winter

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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Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Summer

**Stevens Creek Chrysler Jeep Dodge  
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
Automobile Care Center	27.41	1000sqft	0.63	27,411.00	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/MWhr)</b>	641.35	<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 -
- Construction Phase -
- Vehicle Trips - Representative of retail
- Architectural Coating -
- Area Mitigation -
- Energy Mitigation -
- Water Mitigation -

## Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Summer

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstructionPhase	PhaseEndDate	3/4/2021	6/25/2021
tblConstructionPhase	PhaseEndDate	2/18/2021	6/11/2021
tblConstructionPhase	PhaseEndDate	9/28/2020	1/15/2021
tblConstructionPhase	PhaseEndDate	10/1/2020	1/20/2021
tblConstructionPhase	PhaseEndDate	2/25/2021	6/18/2021
tblConstructionPhase	PhaseEndDate	9/29/2020	1/18/2021
tblConstructionPhase	PhaseStartDate	2/26/2021	6/21/2021
tblConstructionPhase	PhaseStartDate	10/2/2020	1/25/2021
tblConstructionPhase	PhaseStartDate	9/15/2020	1/4/2021
tblConstructionPhase	PhaseStartDate	9/30/2020	1/19/2021
tblConstructionPhase	PhaseStartDate	2/19/2021	6/14/2021
tblConstructionPhase	PhaseStartDate	9/29/2020	1/18/2021
tblVehicleTrips	ST_TR	23.72	2.37
tblVehicleTrips	SU_TR	11.88	1.19
tblVehicleTrips	WD_TR	23.72	2.37

## 2.0 Emissions Summary

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Stevens Creek Chrysler Jeep Dodge - 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	0.6652	3.0000e-005	2.8000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		6.0000e-003	6.0000e-003	2.0000e-005		6.3900e-003
Energy	0.0214	0.1942	0.1632	1.1700e-003		0.0148	0.0148		0.0148	0.0148		233.0708	233.0708	4.4700e-003	4.2700e-003	234.4558
Mobile	0.0788	0.2387	0.5532	1.6600e-003	0.1369	1.4200e-003	0.1383	0.0365	1.3300e-003	0.0379		167.3557	167.3557	6.5400e-003		167.5192
<b>Total</b>	<b>0.7653</b>	<b>0.4329</b>	<b>0.7191</b>	<b>2.8300e-003</b>	<b>0.1369</b>	<b>0.0162</b>	<b>0.1531</b>	<b>0.0365</b>	<b>0.0161</b>	<b>0.0526</b>		<b>400.4325</b>	<b>400.4325</b>	<b>0.0110</b>	<b>4.2700e-003</b>	<b>401.9814</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	0.6652	3.0000e-005	2.8000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		6.0000e-003	6.0000e-003	2.0000e-005		6.3900e-003
Energy	0.0214	0.1942	0.1632	1.1700e-003		0.0148	0.0148		0.0148	0.0148		233.0708	233.0708	4.4700e-003	4.2700e-003	234.4558
Mobile	0.0788	0.2387	0.5532	1.6600e-003	0.1369	1.4200e-003	0.1383	0.0365	1.3300e-003	0.0379		167.3557	167.3557	6.5400e-003		167.5192
<b>Total</b>	<b>0.7653</b>	<b>0.4329</b>	<b>0.7191</b>	<b>2.8300e-003</b>	<b>0.1369</b>	<b>0.0162</b>	<b>0.1531</b>	<b>0.0365</b>	<b>0.0161</b>	<b>0.0526</b>		<b>400.4325</b>	<b>400.4325</b>	<b>0.0110</b>	<b>4.2700e-003</b>	<b>401.9814</b>

Stevens Creek Chrysler Jeep Dodge - 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	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	Demolition	Demolition	1/4/2021	1/15/2021	5	10	
2	Site Preparation	Site Preparation	1/18/2021	1/18/2021	5	1	
3	Grading	Grading	1/19/2021	1/20/2021	5	2	
4	Building Construction	Building Construction	1/25/2021	6/11/2021	5	100	
5	Paving	Paving	6/14/2021	6/18/2021	5	5	
6	Architectural Coating	Architectural Coating	6/21/2021	6/25/2021	5	5	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 41,117; Non-Residential Outdoor: 13,706; Striped Parking Area: 0 (Architectural Coating – sqft)

#### OffRoad Equipment

Stevens Creek Chrysler Jeep Dodge - 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	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	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
Demolition	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	9.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	2.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Summer

**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	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886		1,147.4338	1,147.4338	0.2138		1,152.7797
<b>Total</b>	<b>0.7965</b>	<b>7.2530</b>	<b>7.5691</b>	<b>0.0120</b>		<b>0.4073</b>	<b>0.4073</b>		<b>0.3886</b>	<b>0.3886</b>		<b>1,147.4338</b>	<b>1,147.4338</b>	<b>0.2138</b>		<b>1,152.7797</b>



Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Summer

**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	0.0322	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					
Off-Road	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886	0.0000	1,147.4338	1,147.4338	0.2138		1,152.7797
<b>Total</b>	<b>0.7965</b>	<b>7.2530</b>	<b>7.5691</b>	<b>0.0120</b>		<b>0.4073</b>	<b>0.4073</b>		<b>0.3886</b>	<b>0.3886</b>	<b>0.0000</b>	<b>1,147.4338</b>	<b>1,147.4338</b>	<b>0.2138</b>		<b>1,152.7797</b>

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Summer

**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	0.0322	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>

**3.3 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					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.6403	7.8204	4.0274	9.7300e-003		0.2995	0.2995		0.2755	0.2755		942.5842	942.5842	0.3049		950.2055
<b>Total</b>	<b>0.6403</b>	<b>7.8204</b>	<b>4.0274</b>	<b>9.7300e-003</b>	<b>0.5303</b>	<b>0.2995</b>	<b>0.8297</b>	<b>0.0573</b>	<b>0.2755</b>	<b>0.3328</b>		<b>942.5842</b>	<b>942.5842</b>	<b>0.3049</b>		<b>950.2055</b>

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Summer

**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	0.0000	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	0.0161	9.5400e-003	0.1260	3.9000e-004	0.0411	2.5000e-004	0.0413	0.0109	2.3000e-004	0.0111		38.9005	38.9005	8.8000e-004		38.9226
<b>Total</b>	<b>0.0161</b>	<b>9.5400e-003</b>	<b>0.1260</b>	<b>3.9000e-004</b>	<b>0.0411</b>	<b>2.5000e-004</b>	<b>0.0413</b>	<b>0.0109</b>	<b>2.3000e-004</b>	<b>0.0111</b>		<b>38.9005</b>	<b>38.9005</b>	<b>8.8000e-004</b>		<b>38.9226</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					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.6403	7.8204	4.0274	9.7300e-003		0.2995	0.2995		0.2755	0.2755	0.0000	942.5842	942.5842	0.3049		950.2055
<b>Total</b>	<b>0.6403</b>	<b>7.8204</b>	<b>4.0274</b>	<b>9.7300e-003</b>	<b>0.5303</b>	<b>0.2995</b>	<b>0.8297</b>	<b>0.0573</b>	<b>0.2755</b>	<b>0.3328</b>	<b>0.0000</b>	<b>942.5842</b>	<b>942.5842</b>	<b>0.3049</b>		<b>950.2055</b>

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Summer

**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	0.0000	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	0.0161	9.5400e-003	0.1260	3.9000e-004	0.0411	2.5000e-004	0.0413	0.0109	2.3000e-004	0.0111		38.9005	38.9005	8.8000e-004		38.9226
<b>Total</b>	<b>0.0161</b>	<b>9.5400e-003</b>	<b>0.1260</b>	<b>3.9000e-004</b>	<b>0.0411</b>	<b>2.5000e-004</b>	<b>0.0413</b>	<b>0.0109</b>	<b>2.3000e-004</b>	<b>0.0111</b>		<b>38.9005</b>	<b>38.9005</b>	<b>8.8000e-004</b>		<b>38.9226</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					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000			0.0000
Off-Road	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886		1,147.4338	1,147.4338	0.2138		1,152.7797
<b>Total</b>	<b>0.7965</b>	<b>7.2530</b>	<b>7.5691</b>	<b>0.0120</b>	<b>0.7528</b>	<b>0.4073</b>	<b>1.1601</b>	<b>0.4138</b>	<b>0.3886</b>	<b>0.8024</b>		<b>1,147.4338</b>	<b>1,147.4338</b>	<b>0.2138</b>		<b>1,152.7797</b>

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Summer

**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					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000			0.0000
Off-Road	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886	0.0000	1,147.4338	1,147.4338	0.2138		1,152.7797
<b>Total</b>	<b>0.7965</b>	<b>7.2530</b>	<b>7.5691</b>	<b>0.0120</b>	<b>0.7528</b>	<b>0.4073</b>	<b>1.1601</b>	<b>0.4138</b>	<b>0.3886</b>	<b>0.8024</b>	<b>0.0000</b>	<b>1,147.4338</b>	<b>1,147.4338</b>	<b>0.2138</b>		<b>1,152.7797</b>

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Summer

**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	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117		1,103.2158	1,103.2158	0.3568		1,112.1358
<b>Total</b>	<b>0.7750</b>	<b>7.9850</b>	<b>7.2637</b>	<b>0.0114</b>		<b>0.4475</b>	<b>0.4475</b>		<b>0.4117</b>	<b>0.4117</b>		<b>1,103.2158</b>	<b>1,103.2158</b>	<b>0.3568</b>		<b>1,112.1358</b>

Stevens Creek Chrysler Jeep Dodge - 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	0.0128	0.4066	0.1025	1.0900e-003	0.0271	9.0000e-004	0.0280	7.8000e-003	8.6000e-004	8.6600e-003		115.4477	115.4477	4.8100e-003		115.5680
Worker	0.0290	0.0172	0.2268	7.0000e-004	0.0739	4.5000e-004	0.0744	0.0196	4.1000e-004	0.0200		70.0210	70.0210	1.5900e-003		70.0608
<b>Total</b>	<b>0.0417</b>	<b>0.4238</b>	<b>0.3293</b>	<b>1.7900e-003</b>	<b>0.1010</b>	<b>1.3500e-003</b>	<b>0.1024</b>	<b>0.0274</b>	<b>1.2700e-003</b>	<b>0.0287</b>		<b>185.4687</b>	<b>185.4687</b>	<b>6.4000e-003</b>		<b>185.6287</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	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117	0.0000	1,103.2158	1,103.2158	0.3568		1,112.1358
<b>Total</b>	<b>0.7750</b>	<b>7.9850</b>	<b>7.2637</b>	<b>0.0114</b>		<b>0.4475</b>	<b>0.4475</b>		<b>0.4117</b>	<b>0.4117</b>	<b>0.0000</b>	<b>1,103.2158</b>	<b>1,103.2158</b>	<b>0.3568</b>		<b>1,112.1358</b>

Stevens Creek Chrysler Jeep Dodge - 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	0.0128	0.4066	0.1025	1.0900e-003	0.0271	9.0000e-004	0.0280	7.8000e-003	8.6000e-004	8.6600e-003		115.4477	115.4477	4.8100e-003		115.5680
Worker	0.0290	0.0172	0.2268	7.0000e-004	0.0739	4.5000e-004	0.0744	0.0196	4.1000e-004	0.0200		70.0210	70.0210	1.5900e-003		70.0608
<b>Total</b>	<b>0.0417</b>	<b>0.4238</b>	<b>0.3293</b>	<b>1.7900e-003</b>	<b>0.1010</b>	<b>1.3500e-003</b>	<b>0.1024</b>	<b>0.0274</b>	<b>1.2700e-003</b>	<b>0.0287</b>		<b>185.4687</b>	<b>185.4687</b>	<b>6.4000e-003</b>		<b>185.6287</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	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286		1,035.3425	1,035.3425	0.3016		1,042.8818
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.7214</b>	<b>6.7178</b>	<b>7.0899</b>	<b>0.0113</b>		<b>0.3534</b>	<b>0.3534</b>		<b>0.3286</b>	<b>0.3286</b>		<b>1,035.3425</b>	<b>1,035.3425</b>	<b>0.3016</b>		<b>1,042.8818</b>



Stevens Creek Chrysler Jeep Dodge - 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	0.0580	0.0343	0.4536	1.4100e-003	0.1479	9.0000e-004	0.1488	0.0392	8.3000e-004	0.0401		140.0420	140.0420	3.1800e-003		140.1215
<b>Total</b>	<b>0.0580</b>	<b>0.0343</b>	<b>0.4536</b>	<b>1.4100e-003</b>	<b>0.1479</b>	<b>9.0000e-004</b>	<b>0.1488</b>	<b>0.0392</b>	<b>8.3000e-004</b>	<b>0.0401</b>		<b>140.0420</b>	<b>140.0420</b>	<b>3.1800e-003</b>		<b>140.1215</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	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286	0.0000	1,035.3425	1,035.3425	0.3016		1,042.8818
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.7214</b>	<b>6.7178</b>	<b>7.0899</b>	<b>0.0113</b>		<b>0.3534</b>	<b>0.3534</b>		<b>0.3286</b>	<b>0.3286</b>	<b>0.0000</b>	<b>1,035.3425</b>	<b>1,035.3425</b>	<b>0.3016</b>		<b>1,042.8818</b>

Stevens Creek Chrysler Jeep Dodge - 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	0.0580	0.0343	0.4536	1.4100e-003	0.1479	9.0000e-004	0.1488	0.0392	8.3000e-004	0.0401		140.0420	140.0420	3.1800e-003		140.1215
<b>Total</b>	<b>0.0580</b>	<b>0.0343</b>	<b>0.4536</b>	<b>1.4100e-003</b>	<b>0.1479</b>	<b>9.0000e-004</b>	<b>0.1488</b>	<b>0.0392</b>	<b>8.3000e-004</b>	<b>0.0401</b>		<b>140.0420</b>	<b>140.0420</b>	<b>3.1800e-003</b>		<b>140.1215</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	57.1737					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>57.3926</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>

Stevens Creek Chrysler Jeep Dodge - 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	6.4400e-003	3.8200e-003	0.0504	1.6000e-004	0.0164	1.0000e-004	0.0165	4.3600e-003	9.0000e-005	4.4500e-003		15.5602	15.5602	3.5000e-004		15.5691
<b>Total</b>	<b>6.4400e-003</b>	<b>3.8200e-003</b>	<b>0.0504</b>	<b>1.6000e-004</b>	<b>0.0164</b>	<b>1.0000e-004</b>	<b>0.0165</b>	<b>4.3600e-003</b>	<b>9.0000e-005</b>	<b>4.4500e-003</b>		<b>15.5602</b>	<b>15.5602</b>	<b>3.5000e-004</b>		<b>15.5691</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	57.1737					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>57.3926</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>

Stevens Creek Chrysler Jeep Dodge - 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	6.4400e-003	3.8200e-003	0.0504	1.6000e-004	0.0164	1.0000e-004	0.0165	4.3600e-003	9.0000e-005	4.4500e-003		15.5602	15.5602	3.5000e-004		15.5691
<b>Total</b>	<b>6.4400e-003</b>	<b>3.8200e-003</b>	<b>0.0504</b>	<b>1.6000e-004</b>	<b>0.0164</b>	<b>1.0000e-004</b>	<b>0.0165</b>	<b>4.3600e-003</b>	<b>9.0000e-005</b>	<b>4.4500e-003</b>		<b>15.5602</b>	<b>15.5602</b>	<b>3.5000e-004</b>		<b>15.5691</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

Stevens Creek Chrysler Jeep Dodge - 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	0.0788	0.2387	0.5532	1.6600e-003	0.1369	1.4200e-003	0.1383	0.0365	1.3300e-003	0.0379		167.3557	167.3557	6.5400e-003		167.5192
Unmitigated	0.0788	0.2387	0.5532	1.6600e-003	0.1369	1.4200e-003	0.1383	0.0365	1.3300e-003	0.0379		167.3557	167.3557	6.5400e-003		167.5192

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Automobile Care Center	64.96	64.96	32.62	60,113	60,113
Total	64.96	64.96	32.62	60,113	60,113

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
Automobile Care Center	9.50	7.30	7.30	33.00	48.00	19.00	21	51	28

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Automobile Care Center	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

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Summer

**5.1 Mitigation Measures Energy**

Install High Efficiency Lighting

	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	0.0214	0.1942	0.1632	1.1700e-003		0.0148	0.0148		0.0148	0.0148		233.0708	233.0708	4.4700e-003	4.2700e-003	234.4558
NaturalGas Unmitigated	0.0214	0.1942	0.1632	1.1700e-003		0.0148	0.0148		0.0148	0.0148		233.0708	233.0708	4.4700e-003	4.2700e-003	234.4558

**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					
Automobile Care Center	1981.1	0.0214	0.1942	0.1632	1.1700e-003		0.0148	0.0148		0.0148	0.0148		233.0708	233.0708	4.4700e-003	4.2700e-003	234.4558
<b>Total</b>		<b>0.0214</b>	<b>0.1942</b>	<b>0.1632</b>	<b>1.1700e-003</b>		<b>0.0148</b>	<b>0.0148</b>		<b>0.0148</b>	<b>0.0148</b>		<b>233.0708</b>	<b>233.0708</b>	<b>4.4700e-003</b>	<b>4.2700e-003</b>	<b>234.4558</b>

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Summer

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

**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					
Automobile Care Center	1.9811	0.0214	0.1942	0.1632	1.1700e-003		0.0148	0.0148		0.0148	0.0148		233.0708	233.0708	4.4700e-003	4.2700e-003	234.4558
<b>Total</b>		<b>0.0214</b>	<b>0.1942</b>	<b>0.1632</b>	<b>1.1700e-003</b>		<b>0.0148</b>	<b>0.0148</b>		<b>0.0148</b>	<b>0.0148</b>		<b>233.0708</b>	<b>233.0708</b>	<b>4.4700e-003</b>	<b>4.2700e-003</b>	<b>234.4558</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 Low VOC Paint - Non-Residential Exterior

Stevens Creek Chrysler Jeep Dodge - 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	0.6652	3.0000e-005	2.8000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		6.0000e-003	6.0000e-003	2.0000e-005		6.3900e-003
Unmitigated	0.6652	3.0000e-005	2.8000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		6.0000e-003	6.0000e-003	2.0000e-005		6.3900e-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	lb/day										lb/day					
Architectural Coating	0.0783					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.5866					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.6000e-004	3.0000e-005	2.8000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		6.0000e-003	6.0000e-003	2.0000e-005		6.3900e-003
<b>Total</b>	<b>0.6652</b>	<b>3.0000e-005</b>	<b>2.8000e-003</b>	<b>0.0000</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>6.0000e-003</b>	<b>6.0000e-003</b>	<b>2.0000e-005</b>		<b>6.3900e-003</b>



Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Summer

**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	0.0783					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.5866					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.6000e-004	3.0000e-005	2.8000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		6.0000e-003	6.0000e-003	2.0000e-005		6.3900e-003
<b>Total</b>	<b>0.6652</b>	<b>3.0000e-005</b>	<b>2.8000e-003</b>	<b>0.0000</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>6.0000e-003</b>	<b>6.0000e-003</b>	<b>2.0000e-005</b>		<b>6.3900e-003</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

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

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Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Summer

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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Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Annual

**Stevens Creek Chrysler Jeep Dodge  
Santa Clara County, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Automobile Care Center	27.41	1000sqft	0.63	27,411.00	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/MWhr)</b>	641.35	<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 -
- Construction Phase -
- Vehicle Trips - Based on project knowledge
- Area Mitigation -
- Energy Mitigation -
- Water Mitigation -

## Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Annual

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstructionPhase	PhaseEndDate	3/4/2021	6/25/2021
tblConstructionPhase	PhaseEndDate	2/18/2021	6/11/2021
tblConstructionPhase	PhaseEndDate	9/28/2020	1/15/2021
tblConstructionPhase	PhaseEndDate	10/1/2020	1/20/2021
tblConstructionPhase	PhaseEndDate	2/25/2021	6/18/2021
tblConstructionPhase	PhaseEndDate	9/29/2020	1/18/2021
tblConstructionPhase	PhaseStartDate	2/26/2021	6/21/2021
tblConstructionPhase	PhaseStartDate	10/2/2020	1/25/2021
tblConstructionPhase	PhaseStartDate	9/15/2020	1/4/2021
tblConstructionPhase	PhaseStartDate	9/30/2020	1/19/2021
tblConstructionPhase	PhaseStartDate	2/19/2021	6/14/2021
tblConstructionPhase	PhaseStartDate	9/29/2020	1/18/2021
tblVehicleTrips	ST_TR	23.72	2.37
tblVehicleTrips	SU_TR	11.88	1.19
tblVehicleTrips	WD_TR	23.72	2.37

## 2.0 Emissions Summary

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Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Annual

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
2	12-15-2020	3-14-2021	0.2052	0.2052
3	3-15-2021	6-14-2021	0.2960	0.2960
4	6-15-2021	9-14-2021	0.1160	0.1160
		Highest	0.2960	0.2960

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	0.1214	0.0000	2.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.9000e-004	4.9000e-004	0.0000	0.0000	5.2000e-004
Energy	3.9000e-003	0.0355	0.0298	2.1000e-004		2.6900e-003	2.6900e-003		2.6900e-003	2.6900e-003	0.0000	104.4542	104.4542	3.7200e-003	1.3200e-003	104.9416
Mobile	0.0113	0.0412	0.0947	2.6000e-004	0.0224	2.4000e-004	0.0226	5.9900e-003	2.3000e-004	6.2100e-003	0.0000	24.2683	24.2683	1.0200e-003	0.0000	24.2938
Waste						0.0000	0.0000		0.0000	0.0000	21.2552	0.0000	21.2552	1.2562	0.0000	52.6588
Water						0.0000	0.0000		0.0000	0.0000	0.8181	5.6686	6.4867	0.0843	2.0400e-003	9.2009
<b>Total</b>	<b>0.1366</b>	<b>0.0766</b>	<b>0.1247</b>	<b>4.7000e-004</b>	<b>0.0224</b>	<b>2.9300e-003</b>	<b>0.0253</b>	<b>5.9900e-003</b>	<b>2.9200e-003</b>	<b>8.9000e-003</b>	<b>22.0733</b>	<b>134.3915</b>	<b>156.4648</b>	<b>1.3452</b>	<b>3.3600e-003</b>	<b>191.0956</b>

Stevens Creek Chrysler Jeep Dodge - Santa Clara 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	0.1214	0.0000	2.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.9000e-004	4.9000e-004	0.0000	0.0000	5.2000e-004
Energy	3.9000e-003	0.0355	0.0298	2.1000e-004		2.6900e-003	2.6900e-003		2.6900e-003	2.6900e-003	0.0000	101.9981	101.9981	3.6100e-003	1.3000e-003	102.4759
Mobile	0.0113	0.0412	0.0947	2.6000e-004	0.0224	2.4000e-004	0.0226	5.9900e-003	2.3000e-004	6.2100e-003	0.0000	24.2683	24.2683	1.0200e-003	0.0000	24.2938
Waste						0.0000	0.0000		0.0000	0.0000	21.2552	0.0000	21.2552	1.2562	0.0000	52.6588
Water						0.0000	0.0000		0.0000	0.0000	0.6545	4.8567	5.5112	0.0674	1.6300e-003	7.6838
<b>Total</b>	<b>0.1366</b>	<b>0.0766</b>	<b>0.1247</b>	<b>4.7000e-004</b>	<b>0.0224</b>	<b>2.9300e-003</b>	<b>0.0253</b>	<b>5.9900e-003</b>	<b>2.9200e-003</b>	<b>8.9000e-003</b>	<b>21.9097</b>	<b>131.1236</b>	<b>153.0333</b>	<b>1.3282</b>	<b>2.9300e-003</b>	<b>187.1128</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	0.74	2.43	2.19	1.26	12.80	2.08

**3.0 Construction Detail**

**Construction Phase**

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/4/2021	1/15/2021	5	10	
2	Site Preparation	Site Preparation	1/18/2021	1/18/2021	5	1	
3	Grading	Grading	1/19/2021	1/20/2021	5	2	
4	Building Construction	Building Construction	1/25/2021	6/11/2021	5	100	
5	Paving	Paving	6/14/2021	6/18/2021	5	5	
6	Architectural Coating	Architectural Coating	6/21/2021	6/25/2021	5	5	

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

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

**Acres of Paving: 0**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 41,117; Non-Residential Outdoor: 13,706; Striped Parking Area: 0 (Architectural Coating – sqft)**

**OffRoad Equipment**



Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Annual

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	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	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
Demolition	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	9.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	2.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Annual

**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	tons/yr										MT/yr					
Off-Road	3.9800e-003	0.0363	0.0379	6.0000e-005		2.0400e-003	2.0400e-003		1.9400e-003	1.9400e-003	0.0000	5.2047	5.2047	9.7000e-004	0.0000	5.2289
<b>Total</b>	<b>3.9800e-003</b>	<b>0.0363</b>	<b>0.0379</b>	<b>6.0000e-005</b>		<b>2.0400e-003</b>	<b>2.0400e-003</b>		<b>1.9400e-003</b>	<b>1.9400e-003</b>	<b>0.0000</b>	<b>5.2047</b>	<b>5.2047</b>	<b>9.7000e-004</b>	<b>0.0000</b>	<b>5.2289</b>

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Annual

**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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5000e-004	1.1000e-004	1.1400e-003	0.0000	4.0000e-004	0.0000	4.0000e-004	1.1000e-004	0.0000	1.1000e-004	0.0000	0.3283	0.3283	1.0000e-005	0.0000	0.3285
<b>Total</b>	<b>1.5000e-004</b>	<b>1.1000e-004</b>	<b>1.1400e-003</b>	<b>0.0000</b>	<b>4.0000e-004</b>	<b>0.0000</b>	<b>4.0000e-004</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>0.3283</b>	<b>0.3283</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.3285</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	tons/yr										MT/yr					
Off-Road	3.9800e-003	0.0363	0.0379	6.0000e-005		2.0400e-003	2.0400e-003		1.9400e-003	1.9400e-003	0.0000	5.2047	5.2047	9.7000e-004	0.0000	5.2289
<b>Total</b>	<b>3.9800e-003</b>	<b>0.0363</b>	<b>0.0379</b>	<b>6.0000e-005</b>		<b>2.0400e-003</b>	<b>2.0400e-003</b>		<b>1.9400e-003</b>	<b>1.9400e-003</b>	<b>0.0000</b>	<b>5.2047</b>	<b>5.2047</b>	<b>9.7000e-004</b>	<b>0.0000</b>	<b>5.2289</b>

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Annual

**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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5000e-004	1.1000e-004	1.1400e-003	0.0000	4.0000e-004	0.0000	4.0000e-004	1.1000e-004	0.0000	1.1000e-004	0.0000	0.3283	0.3283	1.0000e-005	0.0000	0.3285
<b>Total</b>	<b>1.5000e-004</b>	<b>1.1000e-004</b>	<b>1.1400e-003</b>	<b>0.0000</b>	<b>4.0000e-004</b>	<b>0.0000</b>	<b>4.0000e-004</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>0.3283</b>	<b>0.3283</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.3285</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	tons/yr										MT/yr					
Fugitive Dust					2.7000e-004	0.0000	2.7000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2000e-004	3.9100e-003	2.0100e-003	0.0000		1.5000e-004	1.5000e-004		1.4000e-004	1.4000e-004	0.0000	0.4276	0.4276	1.4000e-004	0.0000	0.4310
<b>Total</b>	<b>3.2000e-004</b>	<b>3.9100e-003</b>	<b>2.0100e-003</b>	<b>0.0000</b>	<b>2.7000e-004</b>	<b>1.5000e-004</b>	<b>4.2000e-004</b>	<b>3.0000e-005</b>	<b>1.4000e-004</b>	<b>1.7000e-004</b>	<b>0.0000</b>	<b>0.4276</b>	<b>0.4276</b>	<b>1.4000e-004</b>	<b>0.0000</b>	<b>0.4310</b>

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Annual

**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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-005	1.0000e-005	6.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0164	0.0164	0.0000	0.0000	0.0164
<b>Total</b>	<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0164</b>	<b>0.0164</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0164</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	tons/yr										MT/yr					
Fugitive Dust					2.7000e-004	0.0000	2.7000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2000e-004	3.9100e-003	2.0100e-003	0.0000		1.5000e-004	1.5000e-004		1.4000e-004	1.4000e-004	0.0000	0.4276	0.4276	1.4000e-004	0.0000	0.4310
<b>Total</b>	<b>3.2000e-004</b>	<b>3.9100e-003</b>	<b>2.0100e-003</b>	<b>0.0000</b>	<b>2.7000e-004</b>	<b>1.5000e-004</b>	<b>4.2000e-004</b>	<b>3.0000e-005</b>	<b>1.4000e-004</b>	<b>1.7000e-004</b>	<b>0.0000</b>	<b>0.4276</b>	<b>0.4276</b>	<b>1.4000e-004</b>	<b>0.0000</b>	<b>0.4310</b>

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Annual

**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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-005	1.0000e-005	6.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0164	0.0164	0.0000	0.0000	0.0164
<b>Total</b>	<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0164</b>	<b>0.0164</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0164</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	tons/yr										MT/yr					
Fugitive Dust					7.5000e-004	0.0000	7.5000e-004	4.1000e-004	0.0000	4.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.0000e-004	7.2500e-003	7.5700e-003	1.0000e-005		4.1000e-004	4.1000e-004		3.9000e-004	3.9000e-004	0.0000	1.0409	1.0409	1.9000e-004	0.0000	1.0458
<b>Total</b>	<b>8.0000e-004</b>	<b>7.2500e-003</b>	<b>7.5700e-003</b>	<b>1.0000e-005</b>	<b>7.5000e-004</b>	<b>4.1000e-004</b>	<b>1.1600e-003</b>	<b>4.1000e-004</b>	<b>3.9000e-004</b>	<b>8.0000e-004</b>	<b>0.0000</b>	<b>1.0409</b>	<b>1.0409</b>	<b>1.9000e-004</b>	<b>0.0000</b>	<b>1.0458</b>

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Annual

**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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-005	2.0000e-005	2.3000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0657	0.0657	0.0000	0.0000	0.0657
<b>Total</b>	<b>3.0000e-005</b>	<b>2.0000e-005</b>	<b>2.3000e-004</b>	<b>0.0000</b>	<b>8.0000e-005</b>	<b>0.0000</b>	<b>8.0000e-005</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.0657</b>	<b>0.0657</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0657</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	tons/yr										MT/yr					
Fugitive Dust					7.5000e-004	0.0000	7.5000e-004	4.1000e-004	0.0000	4.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.0000e-004	7.2500e-003	7.5700e-003	1.0000e-005		4.1000e-004	4.1000e-004		3.9000e-004	3.9000e-004	0.0000	1.0409	1.0409	1.9000e-004	0.0000	1.0458
<b>Total</b>	<b>8.0000e-004</b>	<b>7.2500e-003</b>	<b>7.5700e-003</b>	<b>1.0000e-005</b>	<b>7.5000e-004</b>	<b>4.1000e-004</b>	<b>1.1600e-003</b>	<b>4.1000e-004</b>	<b>3.9000e-004</b>	<b>8.0000e-004</b>	<b>0.0000</b>	<b>1.0409</b>	<b>1.0409</b>	<b>1.9000e-004</b>	<b>0.0000</b>	<b>1.0458</b>

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Annual

**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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-005	2.0000e-005	2.3000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0657	0.0657	0.0000	0.0000	0.0657
<b>Total</b>	<b>3.0000e-005</b>	<b>2.0000e-005</b>	<b>2.3000e-004</b>	<b>0.0000</b>	<b>8.0000e-005</b>	<b>0.0000</b>	<b>8.0000e-005</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.0657</b>	<b>0.0657</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0657</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	tons/yr										MT/yr					
Off-Road	0.0388	0.3993	0.3632	5.7000e-004		0.0224	0.0224		0.0206	0.0206	0.0000	50.0410	50.0410	0.0162	0.0000	50.4456
<b>Total</b>	<b>0.0388</b>	<b>0.3993</b>	<b>0.3632</b>	<b>5.7000e-004</b>		<b>0.0224</b>	<b>0.0224</b>		<b>0.0206</b>	<b>0.0206</b>	<b>0.0000</b>	<b>50.0410</b>	<b>50.0410</b>	<b>0.0162</b>	<b>0.0000</b>	<b>50.4456</b>



Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Annual

**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	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	6.5000e-004	0.0206	5.4700e-003	5.0000e-005	1.3200e-003	5.0000e-005	1.3600e-003	3.8000e-004	4.0000e-005	4.2000e-004	0.0000	5.1806	5.1806	2.3000e-004	0.0000	5.1862
Worker	1.3900e-003	9.6000e-004	0.0103	3.0000e-005	3.5700e-003	2.0000e-005	3.5900e-003	9.5000e-004	2.0000e-005	9.7000e-004	0.0000	2.9544	2.9544	7.0000e-005	0.0000	2.9561
<b>Total</b>	<b>2.0400e-003</b>	<b>0.0215</b>	<b>0.0158</b>	<b>8.0000e-005</b>	<b>4.8900e-003</b>	<b>7.0000e-005</b>	<b>4.9500e-003</b>	<b>1.3300e-003</b>	<b>6.0000e-005</b>	<b>1.3900e-003</b>	<b>0.0000</b>	<b>8.1350</b>	<b>8.1350</b>	<b>3.0000e-004</b>	<b>0.0000</b>	<b>8.1424</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	tons/yr										MT/yr					
Off-Road	0.0388	0.3993	0.3632	5.7000e-004		0.0224	0.0224		0.0206	0.0206	0.0000	50.0410	50.0410	0.0162	0.0000	50.4456
<b>Total</b>	<b>0.0388</b>	<b>0.3993</b>	<b>0.3632</b>	<b>5.7000e-004</b>		<b>0.0224</b>	<b>0.0224</b>		<b>0.0206</b>	<b>0.0206</b>	<b>0.0000</b>	<b>50.0410</b>	<b>50.0410</b>	<b>0.0162</b>	<b>0.0000</b>	<b>50.4456</b>

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Annual

**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	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	6.5000e-004	0.0206	5.4700e-003	5.0000e-005	1.3200e-003	5.0000e-005	1.3600e-003	3.8000e-004	4.0000e-005	4.2000e-004	0.0000	5.1806	5.1806	2.3000e-004	0.0000	5.1862
Worker	1.3900e-003	9.6000e-004	0.0103	3.0000e-005	3.5700e-003	2.0000e-005	3.5900e-003	9.5000e-004	2.0000e-005	9.7000e-004	0.0000	2.9544	2.9544	7.0000e-005	0.0000	2.9561
<b>Total</b>	<b>2.0400e-003</b>	<b>0.0215</b>	<b>0.0158</b>	<b>8.0000e-005</b>	<b>4.8900e-003</b>	<b>7.0000e-005</b>	<b>4.9500e-003</b>	<b>1.3300e-003</b>	<b>6.0000e-005</b>	<b>1.3900e-003</b>	<b>0.0000</b>	<b>8.1350</b>	<b>8.1350</b>	<b>3.0000e-004</b>	<b>0.0000</b>	<b>8.1424</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	tons/yr										MT/yr					
Off-Road	1.8000e-003	0.0168	0.0177	3.0000e-005		8.8000e-004	8.8000e-004		8.2000e-004	8.2000e-004	0.0000	2.3481	2.3481	6.8000e-004	0.0000	2.3652
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>1.8000e-003</b>	<b>0.0168</b>	<b>0.0177</b>	<b>3.0000e-005</b>		<b>8.8000e-004</b>	<b>8.8000e-004</b>		<b>8.2000e-004</b>	<b>8.2000e-004</b>	<b>0.0000</b>	<b>2.3481</b>	<b>2.3481</b>	<b>6.8000e-004</b>	<b>0.0000</b>	<b>2.3652</b>

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Annual

**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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4000e-004	1.0000e-004	1.0300e-003	0.0000	3.6000e-004	0.0000	3.6000e-004	9.0000e-005	0.0000	1.0000e-004	0.0000	0.2954	0.2954	1.0000e-005	0.0000	0.2956
<b>Total</b>	<b>1.4000e-004</b>	<b>1.0000e-004</b>	<b>1.0300e-003</b>	<b>0.0000</b>	<b>3.6000e-004</b>	<b>0.0000</b>	<b>3.6000e-004</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>0.2954</b>	<b>0.2954</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.2956</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	tons/yr										MT/yr					
Off-Road	1.8000e-003	0.0168	0.0177	3.0000e-005		8.8000e-004	8.8000e-004		8.2000e-004	8.2000e-004	0.0000	2.3481	2.3481	6.8000e-004	0.0000	2.3652
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>1.8000e-003</b>	<b>0.0168</b>	<b>0.0177</b>	<b>3.0000e-005</b>		<b>8.8000e-004</b>	<b>8.8000e-004</b>		<b>8.2000e-004</b>	<b>8.2000e-004</b>	<b>0.0000</b>	<b>2.3481</b>	<b>2.3481</b>	<b>6.8000e-004</b>	<b>0.0000</b>	<b>2.3652</b>

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Annual

**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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4000e-004	1.0000e-004	1.0300e-003	0.0000	3.6000e-004	0.0000	3.6000e-004	9.0000e-005	0.0000	1.0000e-004	0.0000	0.2954	0.2954	1.0000e-005	0.0000	0.2956
<b>Total</b>	<b>1.4000e-004</b>	<b>1.0000e-004</b>	<b>1.0300e-003</b>	<b>0.0000</b>	<b>3.6000e-004</b>	<b>0.0000</b>	<b>3.6000e-004</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>0.2954</b>	<b>0.2954</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.2956</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	tons/yr										MT/yr					
Archit. Coating	0.1429					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.5000e-004	3.8200e-003	4.5400e-003	1.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6394
<b>Total</b>	<b>0.1435</b>	<b>3.8200e-003</b>	<b>4.5400e-003</b>	<b>1.0000e-005</b>		<b>2.4000e-004</b>	<b>2.4000e-004</b>		<b>2.4000e-004</b>	<b>2.4000e-004</b>	<b>0.0000</b>	<b>0.6383</b>	<b>0.6383</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>0.6394</b>

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Annual

**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	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	2.0000e-005	1.0000e-005	1.1000e-004	0.0000	4.0000e-005	0.0000	4.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0328	0.0328	0.0000	0.0000	0.0329
<b>Total</b>	<b>2.0000e-005</b>	<b>1.0000e-005</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>4.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0328</b>	<b>0.0328</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0329</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	tons/yr										MT/yr					
Archit. Coating	0.1429					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.5000e-004	3.8200e-003	4.5400e-003	1.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6394
<b>Total</b>	<b>0.1435</b>	<b>3.8200e-003</b>	<b>4.5400e-003</b>	<b>1.0000e-005</b>		<b>2.4000e-004</b>	<b>2.4000e-004</b>		<b>2.4000e-004</b>	<b>2.4000e-004</b>	<b>0.0000</b>	<b>0.6383</b>	<b>0.6383</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>0.6394</b>

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Annual

**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	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	2.0000e-005	1.0000e-005	1.1000e-004	0.0000	4.0000e-005	0.0000	4.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0328	0.0328	0.0000	0.0000	0.0329
<b>Total</b>	<b>2.0000e-005</b>	<b>1.0000e-005</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>4.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0328</b>	<b>0.0328</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0329</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Annual

	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	0.0113	0.0412	0.0947	2.6000e-004	0.0224	2.4000e-004	0.0226	5.9900e-003	2.3000e-004	6.2100e-003	0.0000	24.2683	24.2683	1.0200e-003	0.0000	24.2938
Unmitigated	0.0113	0.0412	0.0947	2.6000e-004	0.0224	2.4000e-004	0.0226	5.9900e-003	2.3000e-004	6.2100e-003	0.0000	24.2683	24.2683	1.0200e-003	0.0000	24.2938

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Automobile Care Center	65.02	65.02	32.56	60,152	60,152
Total	65.02	65.02	32.56	60,152	60,152

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
Automobile Care Center	9.50	7.30	7.30	33.00	48.00	19.00	21	51	28

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Automobile Care Center	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

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Annual

**5.1 Mitigation Measures Energy**

Install High Efficiency Lighting

	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	63.4106	63.4106	2.8700e-003	5.9000e-004	63.6591
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	65.8667	65.8667	2.9800e-003	6.2000e-004	66.1248
NaturalGas Mitigated	3.9000e-003	0.0355	0.0298	2.1000e-004		2.6900e-003	2.6900e-003		2.6900e-003	2.6900e-003	0.0000	38.5875	38.5875	7.4000e-004	7.1000e-004	38.8168
NaturalGas Unmitigated	3.9000e-003	0.0355	0.0298	2.1000e-004		2.6900e-003	2.6900e-003		2.6900e-003	2.6900e-003	0.0000	38.5875	38.5875	7.4000e-004	7.1000e-004	38.8168



Stevens Creek Chrysler Jeep Dodge - Santa Clara 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					
Automobile Care Center	723102	3.9000e-003	0.0355	0.0298	2.1000e-004		2.6900e-003	2.6900e-003		2.6900e-003	2.6900e-003	0.0000	38.5875	38.5875	7.4000e-004	7.1000e-004	38.8168
<b>Total</b>		<b>3.9000e-003</b>	<b>0.0355</b>	<b>0.0298</b>	<b>2.1000e-004</b>		<b>2.6900e-003</b>	<b>2.6900e-003</b>		<b>2.6900e-003</b>	<b>2.6900e-003</b>	<b>0.0000</b>	<b>38.5875</b>	<b>38.5875</b>	<b>7.4000e-004</b>	<b>7.1000e-004</b>	<b>38.8168</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					
Automobile Care Center	723102	3.9000e-003	0.0355	0.0298	2.1000e-004		2.6900e-003	2.6900e-003		2.6900e-003	2.6900e-003	0.0000	38.5875	38.5875	7.4000e-004	7.1000e-004	38.8168
<b>Total</b>		<b>3.9000e-003</b>	<b>0.0355</b>	<b>0.0298</b>	<b>2.1000e-004</b>		<b>2.6900e-003</b>	<b>2.6900e-003</b>		<b>2.6900e-003</b>	<b>2.6900e-003</b>	<b>0.0000</b>	<b>38.5875</b>	<b>38.5875</b>	<b>7.4000e-004</b>	<b>7.1000e-004</b>	<b>38.8168</b>

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Annual

**5.3 Energy by Land Use - Electricity**

**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Automobile Care Center	226415	65.8667	2.9800e-003	6.2000e-004	66.1248
<b>Total</b>		<b>65.8667</b>	<b>2.9800e-003</b>	<b>6.2000e-004</b>	<b>66.1248</b>

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Automobile Care Center	217972	63.4106	2.8700e-003	5.9000e-004	63.6591
<b>Total</b>		<b>63.4106</b>	<b>2.8700e-003</b>	<b>5.9000e-004</b>	<b>63.6591</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Annual

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	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	0.1214	0.0000	2.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.9000e-004	4.9000e-004	0.0000	0.0000	5.2000e-004
Unmitigated	0.1214	0.0000	2.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.9000e-004	4.9000e-004	0.0000	0.0000	5.2000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0143					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1071					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.0000e-005	0.0000	2.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.9000e-004	4.9000e-004	0.0000	0.0000	5.2000e-004
<b>Total</b>	<b>0.1214</b>	<b>0.0000</b>	<b>2.5000e-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>4.9000e-004</b>	<b>4.9000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>5.2000e-004</b>

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Annual

**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	0.0143					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1071					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.0000e-005	0.0000	2.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.9000e-004	4.9000e-004	0.0000	0.0000	5.2000e-004
<b>Total</b>	<b>0.1214</b>	<b>0.0000</b>	<b>2.5000e-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>4.9000e-004</b>	<b>4.9000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>5.2000e-004</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

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	5.5112	0.0674	1.6300e-003	7.6838
Unmitigated	6.4867	0.0843	2.0400e-003	9.2009

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Automobile Care Center	2.57876 / 1.58053	6.4867	0.0843	2.0400e-003	9.2009
<b>Total</b>		<b>6.4867</b>	<b>0.0843</b>	<b>2.0400e-003</b>	<b>9.2009</b>

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Annual

**7.2 Water by Land Use**

**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Automobile Care Center	2.06301 / 1.58053	5.5112	0.0674	1.6300e-003	7.6838
<b>Total</b>		<b>5.5112</b>	<b>0.0674</b>	<b>1.6300e-003</b>	<b>7.6838</b>

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	21.2552	1.2562	0.0000	52.6588
Unmitigated	21.2552	1.2562	0.0000	52.6588

Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Annual

**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Automobile Care Center	104.71	21.2552	1.2562	0.0000	52.6588
<b>Total</b>		<b>21.2552</b>	<b>1.2562</b>	<b>0.0000</b>	<b>52.6588</b>

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Automobile Care Center	104.71	21.2552	1.2562	0.0000	52.6588
<b>Total</b>		<b>21.2552</b>	<b>1.2562</b>	<b>0.0000</b>	<b>52.6588</b>

**9.0 Operational Offroad**

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Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Stevens Creek Chrysler Jeep Dodge - Santa Clara County, Annual

**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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