

Appendix A

CalEEMod Results

1090 S. De Anza Blvd Hotel Project - Santa Clara County, Annual

1090 S. De Anza Blvd Hotel Project
Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	51.00	Space	0.00	20,400.00	0
Hotel	90.00	Room	0.60	51,279.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	58
Climate Zone	4			Operational Year	2020
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

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Project Characteristics - Assumed start of construction on Jan 1, 2018.

Land Use - Revised Lot Acreage and SF of Hotel to numbers in Site Plan

Construction Phase - Altered to total 12-14 month duration.

Demolition - Demolition of existing facilities.

Grading - Revised per exported CY and site acreage.

Architectural Coating -

Landscape Equipment -

Land Use Change -

Sequestration -

Construction Off-road Equipment Mitigation - Added BAAQMD mitigation for exposed areas 2x watering and vehicle speed limit of 15 mph for unpaved roads.

Stationary Sources - Emergency Generators and Fire Pumps -

Energy Use -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Parking	150	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstructionPhase	NumDays	5.00	60.00
tblConstructionPhase	NumDays	100.00	180.00
tblConstructionPhase	NumDays	10.00	20.00
tblConstructionPhase	NumDays	2.00	40.00
tblConstructionPhase	NumDays	5.00	10.00
tblConstructionPhase	NumDays	1.00	2.00
tblConstructionPhase	PhaseEndDate	1/11/2019	3/12/2019
tblConstructionPhase	PhaseEndDate	12/14/2018	12/4/2018
tblConstructionPhase	PhaseEndDate	2/1/2018	1/26/2018
tblConstructionPhase	PhaseEndDate	3/9/2018	3/27/2018
tblConstructionPhase	PhaseEndDate	12/28/2018	12/18/2018

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tblConstructionPhase	PhaseEndDate	2/5/2018	1/30/2018
tblConstructionPhase	PhaseStartDate	12/29/2018	12/19/2018
tblConstructionPhase	PhaseStartDate	3/10/2018	3/28/2018
tblConstructionPhase	PhaseStartDate	2/6/2018	1/31/2018
tblConstructionPhase	PhaseStartDate	12/15/2018	12/5/2018
tblConstructionPhase	PhaseStartDate	2/2/2018	1/27/2018
tblGrading	AcresOfGrading	1.00	0.60
tblGrading	MaterialExported	0.00	8,500.00
tblLandUse	BuildingSpaceSquareFeet	130,680.00	51,279.00
tblLandUse	LandUseSquareFeet	130,680.00	51,279.00
tblLandUse	LotAcreage	0.46	0.00
tblLandUse	LotAcreage	3.00	0.60
tblProjectCharacteristics	OperationalYear	2018	2020
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	107.28
tblStationaryGeneratorsPumpsUse	HoursPerDay	0.00	0.50
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	6.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	1.00
tblTripsAndVMT	HaulingTripNumber	1,063.00	1,062.00

2.0 Emissions Summary

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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2018	3-31-2018	0.5273	0.5273
2	4-1-2018	6-30-2018	0.4542	0.4542
3	7-1-2018	9-30-2018	0.4592	0.4592
4	10-1-2018	12-31-2018	0.4277	0.4277
5	1-1-2019	3-31-2019	0.2840	0.2840
		Highest	0.5273	0.5273

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	0.2285	1.0000e-005	1.3000e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5200e-003	2.5200e-003	1.0000e-005	0.0000	2.6900e-003
Energy	0.0123	0.1119	0.0940	6.7000e-004		8.5000e-003	8.5000e-003		8.5000e-003	8.5000e-003	0.0000	277.8575	277.8575	9.3900e-003	3.6900e-003	279.1928
Mobile	0.1810	0.7176	1.9577	5.8300e-003	0.4995	5.9100e-003	0.5054	0.1337	5.5400e-003	0.1393	0.0000	533.4287	533.4287	0.0202	0.0000	533.9345
Stationary	5.3000e-004	1.4700e-003	1.9100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.2445	0.2445	3.0000e-005	0.0000	0.2453
Waste						0.0000	0.0000		0.0000	0.0000	10.0014	0.0000	10.0014	0.5911	0.0000	24.7780
Water						0.0000	0.0000		0.0000	0.0000	0.7243	3.8520	4.5763	0.0746	1.7900e-003	6.9747
Total	0.4223	0.8310	2.0549	6.5000e-003	0.4995	0.0145	0.5140	0.1337	0.0141	0.1478	10.7257	815.3852	826.1109	0.6953	5.4800e-003	845.1279

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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	0.2285	1.0000e-005	1.3000e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5200e-003	2.5200e-003	1.0000e-005	0.0000	2.6900e-003
Energy	0.0123	0.1119	0.0940	6.7000e-004		8.5000e-003	8.5000e-003		8.5000e-003	8.5000e-003	0.0000	277.8575	277.8575	9.3900e-003	3.6900e-003	279.1928
Mobile	0.1810	0.7176	1.9577	5.8300e-003	0.4995	5.9100e-003	0.5054	0.1337	5.5400e-003	0.1393	0.0000	533.4287	533.4287	0.0202	0.0000	533.9345
Stationary	5.3000e-004	1.4700e-003	1.9100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.2445	0.2445	3.0000e-005	0.0000	0.2453
Waste						0.0000	0.0000		0.0000	0.0000	10.0014	0.0000	10.0014	0.5911	0.0000	24.7780
Water						0.0000	0.0000		0.0000	0.0000	0.7243	3.8520	4.5763	0.0746	1.7900e-003	6.9747
Total	0.4223	0.8310	2.0549	6.5000e-003	0.4995	0.0145	0.5140	0.1337	0.0141	0.1478	10.7257	815.3852	826.1109	0.6953	5.4800e-003	845.1279

	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

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2018	1/26/2018	5	20	
2	Site Preparation	Site Preparation	1/27/2018	1/30/2018	5	2	
3	Grading	Grading	1/31/2018	3/27/2018	5	40	
4	Building Construction	Building Construction	3/28/2018	12/4/2018	5	180	
5	Paving	Paving	12/5/2018	12/18/2018	5	10	
6	Architectural Coating	Architectural Coating	12/19/2018	3/12/2019	5	60	

Acres of Grading (Site Preparation Phase): 0.6

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 76,919; Non-Residential Outdoor: 25,640; Striped Parking Area: 1,224 (Architectural Coating – sqft)

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

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	16.00	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	1,062.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	30.00	12.00	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	6.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

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3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2018

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					1.7500e-003	0.0000	1.7500e-003	2.6000e-004	0.0000	2.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0106	0.0943	0.0778	1.2000e-004		6.2300e-003	6.2300e-003		5.9400e-003	5.9400e-003	0.0000	10.6082	10.6082	2.0400e-003	0.0000	10.6593
Total	0.0106	0.0943	0.0778	1.2000e-004	1.7500e-003	6.2300e-003	7.9800e-003	2.6000e-004	5.9400e-003	6.2000e-003	0.0000	10.6082	10.6082	2.0400e-003	0.0000	10.6593

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3.2 Demolition - 2018

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	8.0000e-005	2.6200e-003	5.1000e-004	1.0000e-005	1.4000e-004	1.0000e-005	1.5000e-004	4.0000e-005	1.0000e-005	5.0000e-005	0.0000	0.6226	0.6226	3.0000e-005	0.0000	0.6234
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	4.0000e-004	3.1000e-004	3.1500e-003	1.0000e-005	7.9000e-004	1.0000e-005	8.0000e-004	2.1000e-004	0.0000	2.2000e-004	0.0000	0.7236	0.7236	2.0000e-005	0.0000	0.7241
Total	4.8000e-004	2.9300e-003	3.6600e-003	2.0000e-005	9.3000e-004	2.0000e-005	9.5000e-004	2.5000e-004	1.0000e-005	2.7000e-004	0.0000	1.3462	1.3462	5.0000e-005	0.0000	1.3475

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					7.9000e-004	0.0000	7.9000e-004	1.2000e-004	0.0000	1.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0106	0.0943	0.0778	1.2000e-004		6.2300e-003	6.2300e-003		5.9400e-003	5.9400e-003	0.0000	10.6082	10.6082	2.0400e-003	0.0000	10.6593
Total	0.0106	0.0943	0.0778	1.2000e-004	7.9000e-004	6.2300e-003	7.0200e-003	1.2000e-004	5.9400e-003	6.0600e-003	0.0000	10.6082	10.6082	2.0400e-003	0.0000	10.6593

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3.2 Demolition - 2018

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	8.0000e-005	2.6200e-003	5.1000e-004	1.0000e-005	1.4000e-004	1.0000e-005	1.5000e-004	4.0000e-005	1.0000e-005	5.0000e-005	0.0000	0.6226	0.6226	3.0000e-005	0.0000	0.6234
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	4.0000e-004	3.1000e-004	3.1500e-003	1.0000e-005	7.9000e-004	1.0000e-005	8.0000e-004	2.1000e-004	0.0000	2.2000e-004	0.0000	0.7236	0.7236	2.0000e-005	0.0000	0.7241
Total	4.8000e-004	2.9300e-003	3.6600e-003	2.0000e-005	9.3000e-004	2.0000e-005	9.5000e-004	2.5000e-004	1.0000e-005	2.7000e-004	0.0000	1.3462	1.3462	5.0000e-005	0.0000	1.3475

3.3 Site Preparation - 2018

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					3.2000e-004	0.0000	3.2000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.9000e-004	9.7600e-003	4.2500e-003	1.0000e-005		4.2000e-004	4.2000e-004		3.8000e-004	3.8000e-004	0.0000	0.8915	0.8915	2.8000e-004	0.0000	0.8984
Total	7.9000e-004	9.7600e-003	4.2500e-003	1.0000e-005	3.2000e-004	4.2000e-004	7.4000e-004	3.0000e-005	3.8000e-004	4.1000e-004	0.0000	0.8915	0.8915	2.8000e-004	0.0000	0.8984

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3.3 Site Preparation - 2018

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	2.0000e-005	1.6000e-004	0.0000	4.0000e-005	0.0000	4.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0362	0.0362	0.0000	0.0000	0.0362
Total	2.0000e-005	2.0000e-005	1.6000e-004	0.0000	4.0000e-005	0.0000	4.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0362	0.0362	0.0000	0.0000	0.0362

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					1.4000e-004	0.0000	1.4000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.9000e-004	9.7600e-003	4.2500e-003	1.0000e-005		4.2000e-004	4.2000e-004		3.8000e-004	3.8000e-004	0.0000	0.8915	0.8915	2.8000e-004	0.0000	0.8984
Total	7.9000e-004	9.7600e-003	4.2500e-003	1.0000e-005	1.4000e-004	4.2000e-004	5.6000e-004	2.0000e-005	3.8000e-004	4.0000e-004	0.0000	0.8915	0.8915	2.8000e-004	0.0000	0.8984

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3.3 Site Preparation - 2018

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	2.0000e-005	1.6000e-004	0.0000	4.0000e-005	0.0000	4.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0362	0.0362	0.0000	0.0000	0.0362
Total	2.0000e-005	2.0000e-005	1.6000e-004	0.0000	4.0000e-005	0.0000	4.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0362	0.0362	0.0000	0.0000	0.0362

3.4 Grading - 2018

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					0.0155	0.0000	0.0155	8.3500e-003	0.0000	8.3500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0213	0.1886	0.1555	2.4000e-004		0.0125	0.0125		0.0119	0.0119	0.0000	21.2163	21.2163	4.0900e-003	0.0000	21.3186
Total	0.0213	0.1886	0.1555	2.4000e-004	0.0155	0.0125	0.0280	8.3500e-003	0.0119	0.0202	0.0000	21.2163	21.2163	4.0900e-003	0.0000	21.3186

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3.4 Grading - 2018

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	5.0800e-003	0.1741	0.0339	4.3000e-004	9.0000e-003	7.0000e-004	9.7000e-003	2.4700e-003	6.7000e-004	3.1400e-003	0.0000	41.3274	41.3274	1.9500e-003	0.0000	41.3762
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	8.1000e-004	6.2000e-004	6.3100e-003	2.0000e-005	1.5900e-003	1.0000e-005	1.6000e-003	4.2000e-004	1.0000e-005	4.3000e-004	0.0000	1.4472	1.4472	4.0000e-005	0.0000	1.4483
Total	5.8900e-003	0.1747	0.0402	4.5000e-004	0.0106	7.1000e-004	0.0113	2.8900e-003	6.8000e-004	3.5700e-003	0.0000	42.7746	42.7746	1.9900e-003	0.0000	42.8245

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					6.9900e-003	0.0000	6.9900e-003	3.7600e-003	0.0000	3.7600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0213	0.1886	0.1555	2.4000e-004		0.0125	0.0125		0.0119	0.0119	0.0000	21.2163	21.2163	4.0900e-003	0.0000	21.3186
Total	0.0213	0.1886	0.1555	2.4000e-004	6.9900e-003	0.0125	0.0194	3.7600e-003	0.0119	0.0157	0.0000	21.2163	21.2163	4.0900e-003	0.0000	21.3186

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3.4 Grading - 2018

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	5.0800e-003	0.1741	0.0339	4.3000e-004	9.0000e-003	7.0000e-004	9.7000e-003	2.4700e-003	6.7000e-004	3.1400e-003	0.0000	41.3274	41.3274	1.9500e-003	0.0000	41.3762
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	8.1000e-004	6.2000e-004	6.3100e-003	2.0000e-005	1.5900e-003	1.0000e-005	1.6000e-003	4.2000e-004	1.0000e-005	4.3000e-004	0.0000	1.4472	1.4472	4.0000e-005	0.0000	1.4483
Total	5.8900e-003	0.1747	0.0402	4.5000e-004	0.0106	7.1000e-004	0.0113	2.8900e-003	6.8000e-004	3.5700e-003	0.0000	42.7746	42.7746	1.9900e-003	0.0000	42.8245

3.5 Building Construction - 2018

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	0.0976	0.9928	0.6976	1.0200e-003		0.0638	0.0638		0.0587	0.0587	0.0000	93.6105	93.6105	0.0291	0.0000	94.3391
Total	0.0976	0.9928	0.6976	1.0200e-003		0.0638	0.0638		0.0587	0.0587	0.0000	93.6105	93.6105	0.0291	0.0000	94.3391

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3.5 Building Construction - 2018

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	5.9200e-003	0.1448	0.0403	3.0000e-004	7.1000e-003	1.1600e-003	8.2700e-003	2.0500e-003	1.1100e-003	3.1700e-003	0.0000	28.5856	28.5856	1.4800e-003	0.0000	28.6227
Worker	0.0109	8.3500e-003	0.0852	2.2000e-004	0.0214	1.4000e-004	0.0216	5.7000e-003	1.3000e-004	5.8300e-003	0.0000	19.5371	19.5371	5.9000e-004	0.0000	19.5517
Total	0.0168	0.1531	0.1254	5.2000e-004	0.0285	1.3000e-003	0.0298	7.7500e-003	1.2400e-003	9.0000e-003	0.0000	48.1227	48.1227	2.0700e-003	0.0000	48.1745

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	0.0976	0.9928	0.6976	1.0200e-003		0.0638	0.0638		0.0587	0.0587	0.0000	93.6104	93.6104	0.0291	0.0000	94.3389
Total	0.0976	0.9928	0.6976	1.0200e-003		0.0638	0.0638		0.0587	0.0587	0.0000	93.6104	93.6104	0.0291	0.0000	94.3389

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3.5 Building Construction - 2018

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	5.9200e-003	0.1448	0.0403	3.0000e-004	7.1000e-003	1.1600e-003	8.2700e-003	2.0500e-003	1.1100e-003	3.1700e-003	0.0000	28.5856	28.5856	1.4800e-003	0.0000	28.6227
Worker	0.0109	8.3500e-003	0.0852	2.2000e-004	0.0214	1.4000e-004	0.0216	5.7000e-003	1.3000e-004	5.8300e-003	0.0000	19.5371	19.5371	5.9000e-004	0.0000	19.5517
Total	0.0168	0.1531	0.1254	5.2000e-004	0.0285	1.3000e-003	0.0298	7.7500e-003	1.2400e-003	9.0000e-003	0.0000	48.1227	48.1227	2.0700e-003	0.0000	48.1745

3.6 Paving - 2018

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	4.6000e-003	0.0437	0.0361	6.0000e-005		2.5500e-003	2.5500e-003		2.3700e-003	2.3700e-003	0.0000	4.8541	4.8541	1.3700e-003	0.0000	4.8883
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.6000e-003	0.0437	0.0361	6.0000e-005		2.5500e-003	2.5500e-003		2.3700e-003	2.3700e-003	0.0000	4.8541	4.8541	1.3700e-003	0.0000	4.8883

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3.6 Paving - 2018

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	3.6000e-004	2.8000e-004	2.8400e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.6512	0.6512	2.0000e-005	0.0000	0.6517
Total	3.6000e-004	2.8000e-004	2.8400e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.6512	0.6512	2.0000e-005	0.0000	0.6517

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	4.6000e-003	0.0437	0.0361	6.0000e-005		2.5500e-003	2.5500e-003		2.3700e-003	2.3700e-003	0.0000	4.8541	4.8541	1.3700e-003	0.0000	4.8883
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.6000e-003	0.0437	0.0361	6.0000e-005		2.5500e-003	2.5500e-003		2.3700e-003	2.3700e-003	0.0000	4.8541	4.8541	1.3700e-003	0.0000	4.8883

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3.6 Paving - 2018

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	3.6000e-004	2.8000e-004	2.8400e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.6512	0.6512	2.0000e-005	0.0000	0.6517
Total	3.6000e-004	2.8000e-004	2.8400e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.6512	0.6512	2.0000e-005	0.0000	0.6517

3.7 Architectural Coating - 2018

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	0.0408					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.3400e-003	9.0300e-003	8.3400e-003	1.0000e-005		6.8000e-004	6.8000e-004		6.8000e-004	6.8000e-004	0.0000	1.1490	1.1490	1.1000e-004	0.0000	1.1517
Total	0.0421	9.0300e-003	8.3400e-003	1.0000e-005		6.8000e-004	6.8000e-004		6.8000e-004	6.8000e-004	0.0000	1.1490	1.1490	1.1000e-004	0.0000	1.1517

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3.7 Architectural Coating - 2018

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	1.1000e-004	8.0000e-005	8.5000e-004	0.0000	2.1000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1954	0.1954	1.0000e-005	0.0000	0.1955
Total	1.1000e-004	8.0000e-005	8.5000e-004	0.0000	2.1000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1954	0.1954	1.0000e-005	0.0000	0.1955

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	0.0408					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.3400e-003	9.0300e-003	8.3400e-003	1.0000e-005		6.8000e-004	6.8000e-004		6.8000e-004	6.8000e-004	0.0000	1.1490	1.1490	1.1000e-004	0.0000	1.1517
Total	0.0421	9.0300e-003	8.3400e-003	1.0000e-005		6.8000e-004	6.8000e-004		6.8000e-004	6.8000e-004	0.0000	1.1490	1.1490	1.1000e-004	0.0000	1.1517

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3.7 Architectural Coating - 2018

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	1.1000e-004	8.0000e-005	8.5000e-004	0.0000	2.1000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1954	0.1954	1.0000e-005	0.0000	0.1955
Total	1.1000e-004	8.0000e-005	8.5000e-004	0.0000	2.1000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1954	0.1954	1.0000e-005	0.0000	0.1955

3.7 Architectural Coating - 2019

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	0.2309					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.7900e-003	0.0468	0.0470	8.0000e-005		3.2800e-003	3.2800e-003		3.2800e-003	3.2800e-003	0.0000	6.5108	6.5108	5.5000e-004	0.0000	6.5246
Total	0.2377	0.0468	0.0470	8.0000e-005		3.2800e-003	3.2800e-003		3.2800e-003	3.2800e-003	0.0000	6.5108	6.5108	5.5000e-004	0.0000	6.5246

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3.7 Architectural Coating - 2019

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	5.6000e-004	4.1000e-004	4.2700e-003	1.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	1.0742	1.0742	3.0000e-005	0.0000	1.0749
Total	5.6000e-004	4.1000e-004	4.2700e-003	1.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	1.0742	1.0742	3.0000e-005	0.0000	1.0749

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	0.2309					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.7900e-003	0.0468	0.0470	8.0000e-005		3.2800e-003	3.2800e-003		3.2800e-003	3.2800e-003	0.0000	6.5108	6.5108	5.5000e-004	0.0000	6.5245
Total	0.2377	0.0468	0.0470	8.0000e-005		3.2800e-003	3.2800e-003		3.2800e-003	3.2800e-003	0.0000	6.5108	6.5108	5.5000e-004	0.0000	6.5245

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3.7 Architectural Coating - 2019

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	5.6000e-004	4.1000e-004	4.2700e-003	1.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	1.0742	1.0742	3.0000e-005	0.0000	1.0749
Total	5.6000e-004	4.1000e-004	4.2700e-003	1.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	1.0742	1.0742	3.0000e-005	0.0000	1.0749

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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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
Category	tons/yr										MT/yr					
Mitigated	0.1810	0.7176	1.9577	5.8300e-003	0.4995	5.9100e-003	0.5054	0.1337	5.5400e-003	0.1393	0.0000	533.4287	533.4287	0.0202	0.0000	533.9345
Unmitigated	0.1810	0.7176	1.9577	5.8300e-003	0.4995	5.9100e-003	0.5054	0.1337	5.5400e-003	0.1393	0.0000	533.4287	533.4287	0.0202	0.0000	533.9345

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Enclosed Parking with Elevator	0.00	0.00	0.00		
Hotel	735.30	737.10	535.50	1,343,278	1,343,278
Total	735.30	737.10	535.50	1,343,278	1,343,278

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
Enclosed Parking with Elevator	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Hotel	9.50	7.30	7.30	19.40	61.60	19.00	58	38	4

4.4 Fleet Mix

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Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.604810	0.038204	0.185149	0.108513	0.015498	0.004981	0.012268	0.020156	0.002083	0.001571	0.005363	0.000620	0.000785
Hotel	0.604810	0.038204	0.185149	0.108513	0.015498	0.004981	0.012268	0.020156	0.002083	0.001571	0.005363	0.000620	0.000785

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	156.0585	156.0585	7.0600e-003	1.4600e-003	156.6700
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	156.0585	156.0585	7.0600e-003	1.4600e-003	156.6700
NaturalGas Mitigated	0.0123	0.1119	0.0940	6.7000e-004		8.5000e-003	8.5000e-003		8.5000e-003	8.5000e-003	0.0000	121.7991	121.7991	2.3300e-003	2.2300e-003	122.5229
NaturalGas Unmitigated	0.0123	0.1119	0.0940	6.7000e-004		8.5000e-003	8.5000e-003		8.5000e-003	8.5000e-003	0.0000	121.7991	121.7991	2.3300e-003	2.2300e-003	122.5229

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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					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hotel	2.28243e+006	0.0123	0.1119	0.0940	6.7000e-004		8.5000e-003	8.5000e-003		8.5000e-003	8.5000e-003	0.0000	121.7991	121.7991	2.3300e-003	2.2300e-003	122.5229
Total		0.0123	0.1119	0.0940	6.7000e-004		8.5000e-003	8.5000e-003		8.5000e-003	8.5000e-003	0.0000	121.7991	121.7991	2.3300e-003	2.2300e-003	122.5229

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					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hotel	2.28243e+006	0.0123	0.1119	0.0940	6.7000e-004		8.5000e-003	8.5000e-003		8.5000e-003	8.5000e-003	0.0000	121.7991	121.7991	2.3300e-003	2.2300e-003	122.5229
Total		0.0123	0.1119	0.0940	6.7000e-004		8.5000e-003	8.5000e-003		8.5000e-003	8.5000e-003	0.0000	121.7991	121.7991	2.3300e-003	2.2300e-003	122.5229

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5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Enclosed Parking with Elevator	137496	39.9992	1.8100e-003	3.7000e-004	40.1559
Hotel	398951	116.0593	5.2500e-003	1.0900e-003	116.5141
Total		156.0585	7.0600e-003	1.4600e-003	156.6700

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Enclosed Parking with Elevator	137496	39.9992	1.8100e-003	3.7000e-004	40.1559
Hotel	398951	116.0593	5.2500e-003	1.0900e-003	116.5141
Total		156.0585	7.0600e-003	1.4600e-003	156.6700

6.0 Area Detail

6.1 Mitigation Measures Area

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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
Category	tons/yr										MT/yr					
Mitigated	0.2285	1.0000e-005	1.3000e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5200e-003	2.5200e-003	1.0000e-005	0.0000	2.6900e-003
Unmitigated	0.2285	1.0000e-005	1.3000e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5200e-003	2.5200e-003	1.0000e-005	0.0000	2.6900e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0267					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2016					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.2000e-004	1.0000e-005	1.3000e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5200e-003	2.5200e-003	1.0000e-005	0.0000	2.6900e-003
Total	0.2285	1.0000e-005	1.3000e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5200e-003	2.5200e-003	1.0000e-005	0.0000	2.6900e-003

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6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0267					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2016					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.2000e-004	1.0000e-005	1.3000e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5200e-003	2.5200e-003	1.0000e-005	0.0000	2.6900e-003
Total	0.2285	1.0000e-005	1.3000e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5200e-003	2.5200e-003	1.0000e-005	0.0000	2.6900e-003

7.0 Water Detail

7.1 Mitigation Measures Water

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	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	4.5763	0.0746	1.7900e-003	6.9747
Unmitigated	4.5763	0.0746	1.7900e-003	6.9747

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Hotel	2.28301 / 0.253668	4.5763	0.0746	1.7900e-003	6.9747
Total		4.5763	0.0746	1.7900e-003	6.9747

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7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Hotel	2.28301 / 0.253668	4.5763	0.0746	1.7900e-003	6.9747
Total		4.5763	0.0746	1.7900e-003	6.9747

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	10.0014	0.5911	0.0000	24.7780
Unmitigated	10.0014	0.5911	0.0000	24.7780

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8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Hotel	49.27	10.0014	0.5911	0.0000	24.7780
Total		10.0014	0.5911	0.0000	24.7780

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Hotel	49.27	10.0014	0.5911	0.0000	24.7780
Total		10.0014	0.5911	0.0000	24.7780

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0.5	6	107.282	0.73	Diesel

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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10.1 Stationary Sources

Unmitigated/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
Equipment Type	tons/yr										MT/yr					
Emergency Generator - Diesel (100 - 175 HP)	5.3000e-004	1.4700e-003	1.9100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.2445	0.2445	3.0000e-005	0.0000	0.2453
Total	5.3000e-004	1.4700e-003	1.9100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.2445	0.2445	3.0000e-005	0.0000	0.2453

11.0 Vegetation

1090 S. De Anza Blvd Hotel Project - Santa Clara County, Winter

1090 S. De Anza Blvd Hotel Project
Santa Clara County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	51.00	Space	0.00	20,400.00	0
Hotel	90.00	Room	0.60	51,279.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	58
Climate Zone	4			Operational Year	2020
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

1090 S. De Anza Blvd Hotel Project - Santa Clara County, Winter

Project Characteristics - Assumed start of construction on Jan 1, 2018.

Land Use - Revised Lot Acreage and SF of Hotel to numbers in Site Plan

Construction Phase - Altered to total 12-14 month duration.

Demolition - Demolition of existing facilities.

Grading - Revised per exported CY and site acreage.

Architectural Coating -

Landscape Equipment -

Land Use Change -

Sequestration -

Construction Off-road Equipment Mitigation - Added BAAQMD mitigation for exposed areas 2x watering and vehicle speed limit of 15 mph for unpaved roads.

Stationary Sources - Emergency Generators and Fire Pumps -

Energy Use -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Parking	150	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstructionPhase	NumDays	5.00	60.00
tblConstructionPhase	NumDays	100.00	180.00
tblConstructionPhase	NumDays	10.00	20.00
tblConstructionPhase	NumDays	2.00	40.00
tblConstructionPhase	NumDays	5.00	10.00
tblConstructionPhase	NumDays	1.00	2.00
tblConstructionPhase	PhaseEndDate	1/11/2019	3/12/2019
tblConstructionPhase	PhaseEndDate	12/14/2018	12/4/2018
tblConstructionPhase	PhaseEndDate	2/1/2018	1/26/2018
tblConstructionPhase	PhaseEndDate	3/9/2018	3/27/2018
tblConstructionPhase	PhaseEndDate	12/28/2018	12/18/2018

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tblConstructionPhase	PhaseEndDate	2/5/2018	1/30/2018
tblConstructionPhase	PhaseStartDate	12/29/2018	12/19/2018
tblConstructionPhase	PhaseStartDate	3/10/2018	3/28/2018
tblConstructionPhase	PhaseStartDate	2/6/2018	1/31/2018
tblConstructionPhase	PhaseStartDate	12/15/2018	12/5/2018
tblConstructionPhase	PhaseStartDate	2/2/2018	1/27/2018
tblGrading	AcresOfGrading	1.00	0.60
tblGrading	MaterialExported	0.00	8,500.00
tblLandUse	BuildingSpaceSquareFeet	130,680.00	51,279.00
tblLandUse	LandUseSquareFeet	130,680.00	51,279.00
tblLandUse	LotAcreage	0.46	0.00
tblLandUse	LotAcreage	3.00	0.60
tblProjectCharacteristics	OperationalYear	2018	2020
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	107.28
tblStationaryGeneratorsPumpsUse	HoursPerDay	0.00	0.50
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	6.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	1.00
tblTripsAndVMT	HaulingTripNumber	1,063.00	1,062.00

2.0 Emissions Summary

1090 S. De Anza Blvd Hotel Project - 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	1.2525	1.3000e-004	0.0145	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0309	0.0309	8.0000e-005		0.0329
Energy	0.0674	0.6131	0.5150	3.6800e-003		0.0466	0.0466		0.0466	0.0466		735.6739	735.6739	0.0141	0.0135	740.0457
Mobile	1.0332	4.1953	11.7781	0.0330	2.9624	0.0341	2.9965	0.7908	0.0319	0.8227		3,328.0158	3,328.0158	0.1313		3,331.2970
Stationary	0.0878	0.2454	0.3186	4.2000e-004		0.0129	0.0129		0.0129	0.0129		44.9140	44.9140	6.3000e-003		45.0714
Total	2.4409	5.0538	12.6261	0.0371	2.9624	0.0936	3.0560	0.7908	0.0915	0.8823		4,108.6346	4,108.6346	0.1517	0.0135	4,116.4470

1090 S. De Anza Blvd Hotel Project - Santa Clara County, Winter

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	lb/day										lb/day					
Area	1.2525	1.3000e-004	0.0145	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0309	0.0309	8.0000e-005		0.0329
Energy	0.0674	0.6131	0.5150	3.6800e-003		0.0466	0.0466		0.0466	0.0466		735.6739	735.6739	0.0141	0.0135	740.0457
Mobile	1.0332	4.1953	11.7781	0.0330	2.9624	0.0341	2.9965	0.7908	0.0319	0.8227		3,328.0158	3,328.0158	0.1313		3,331.2970
Stationary	0.0878	0.2454	0.3186	4.2000e-004		0.0129	0.0129		0.0129	0.0129		44.9140	44.9140	6.3000e-003		45.0714
Total	2.4409	5.0538	12.6261	0.0371	2.9624	0.0936	3.0560	0.7908	0.0915	0.8823		4,108.6346	4,108.6346	0.1517	0.0135	4,116.4470

	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

1090 S. De Anza Blvd Hotel Project - Santa Clara County, Winter

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2018	1/26/2018	5	20	
2	Site Preparation	Site Preparation	1/27/2018	1/30/2018	5	2	
3	Grading	Grading	1/31/2018	3/27/2018	5	40	
4	Building Construction	Building Construction	3/28/2018	12/4/2018	5	180	
5	Paving	Paving	12/5/2018	12/18/2018	5	10	
6	Architectural Coating	Architectural Coating	12/19/2018	3/12/2019	5	60	

Acres of Grading (Site Preparation Phase): 0.6

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 76,919; Non-Residential Outdoor: 25,640; Striped Parking Area: 1,224 (Architectural Coating – sqft)

OffRoad Equipment

1090 S. De Anza Blvd Hotel Project - Santa Clara County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

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	16.00	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	1,062.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	30.00	12.00	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	6.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

1090 S. De Anza Blvd Hotel Project - Santa Clara County, Winter

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2018

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					0.1747	0.0000	0.1747	0.0265	0.0000	0.0265			0.0000			0.0000
Off-Road	1.0643	9.4295	7.7762	0.0120		0.6228	0.6228		0.5943	0.5943		1,169.3502	1,169.3502	0.2254		1,174.9857
Total	1.0643	9.4295	7.7762	0.0120	0.1747	0.6228	0.7975	0.0265	0.5943	0.6207		1,169.3502	1,169.3502	0.2254		1,174.9857

1090 S. De Anza Blvd Hotel Project - Santa Clara County, Winter

3.2 Demolition - 2018

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	7.7900e-003	0.2634	0.0535	6.4000e-004	0.0140	1.0600e-003	0.0150	3.8300e-003	1.0100e-003	4.8500e-003		67.9816	67.9816	3.3300e-003		68.0649
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	0.0448	0.0338	0.3227	7.9000e-004	0.0822	5.3000e-004	0.0827	0.0218	4.9000e-004	0.0223		78.7778	78.7778	2.4000e-003		78.8379
Total	0.0526	0.2972	0.3762	1.4300e-003	0.0961	1.5900e-003	0.0977	0.0256	1.5000e-003	0.0271		146.7594	146.7594	5.7300e-003		146.9028

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					0.0786	0.0000	0.0786	0.0119	0.0000	0.0119			0.0000			0.0000
Off-Road	1.0643	9.4295	7.7762	0.0120		0.6228	0.6228		0.5943	0.5943	0.0000	1,169.3502	1,169.3502	0.2254		1,174.9857
Total	1.0643	9.4295	7.7762	0.0120	0.0786	0.6228	0.7014	0.0119	0.5943	0.6062	0.0000	1,169.3502	1,169.3502	0.2254		1,174.9857

1090 S. De Anza Blvd Hotel Project - Santa Clara County, Winter

3.2 Demolition - 2018

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	7.7900e-003	0.2634	0.0535	6.4000e-004	0.0140	1.0600e-003	0.0150	3.8300e-003	1.0100e-003	4.8500e-003		67.9816	67.9816	3.3300e-003		68.0649
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	0.0448	0.0338	0.3227	7.9000e-004	0.0822	5.3000e-004	0.0827	0.0218	4.9000e-004	0.0223		78.7778	78.7778	2.4000e-003		78.8379
Total	0.0526	0.2972	0.3762	1.4300e-003	0.0961	1.5900e-003	0.0977	0.0256	1.5000e-003	0.0271		146.7594	146.7594	5.7300e-003		146.9028

3.3 Site Preparation - 2018

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					0.3182	0.0000	0.3182	0.0344	0.0000	0.0344			0.0000			0.0000
Off-Road	0.7858	9.7572	4.2514	9.7600e-003		0.4180	0.4180		0.3846	0.3846		982.7113	982.7113	0.3059		990.3596
Total	0.7858	9.7572	4.2514	9.7600e-003	0.3182	0.4180	0.7362	0.0344	0.3846	0.4189		982.7113	982.7113	0.3059		990.3596

1090 S. De Anza Blvd Hotel Project - Santa Clara County, Winter

3.3 Site Preparation - 2018

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	0.0224	0.0169	0.1613	4.0000e-004	0.0411	2.7000e-004	0.0413	0.0109	2.5000e-004	0.0111		39.3889	39.3889	1.2000e-003		39.4190
Total	0.0224	0.0169	0.1613	4.0000e-004	0.0411	2.7000e-004	0.0413	0.0109	2.5000e-004	0.0111		39.3889	39.3889	1.2000e-003		39.4190

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					0.1432	0.0000	0.1432	0.0155	0.0000	0.0155			0.0000			0.0000
Off-Road	0.7858	9.7572	4.2514	9.7600e-003		0.4180	0.4180		0.3846	0.3846	0.0000	982.7113	982.7113	0.3059		990.3596
Total	0.7858	9.7572	4.2514	9.7600e-003	0.1432	0.4180	0.5612	0.0155	0.3846	0.4000	0.0000	982.7113	982.7113	0.3059		990.3596

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3.3 Site Preparation - 2018

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	0.0224	0.0169	0.1613	4.0000e-004	0.0411	2.7000e-004	0.0413	0.0109	2.5000e-004	0.0111		39.3889	39.3889	1.2000e-003		39.4190
Total	0.0224	0.0169	0.1613	4.0000e-004	0.0411	2.7000e-004	0.0413	0.0109	2.5000e-004	0.0111		39.3889	39.3889	1.2000e-003		39.4190

3.4 Grading - 2018

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					0.7768	0.0000	0.7768	0.4174	0.0000	0.4174			0.0000			0.0000
Off-Road	1.0643	9.4295	7.7762	0.0120		0.6228	0.6228		0.5943	0.5943		1,169.3502	1,169.3502	0.2254		1,174.9857
Total	1.0643	9.4295	7.7762	0.0120	0.7768	0.6228	1.3995	0.4174	0.5943	1.0117		1,169.3502	1,169.3502	0.2254		1,174.9857

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3.4 Grading - 2018

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	0.2586	8.7415	1.7747	0.0212	0.4639	0.0352	0.4991	0.1271	0.0337	0.1608		2,256.1384	2,256.1384	0.1106		2,258.9040
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	0.0448	0.0338	0.3227	7.9000e-004	0.0822	5.3000e-004	0.0827	0.0218	4.9000e-004	0.0223		78.7778	78.7778	2.4000e-003		78.8379
Total	0.3034	8.7753	2.0974	0.0220	0.5461	0.0357	0.5818	0.1489	0.0341	0.1831		2,334.9162	2,334.9162	0.1130		2,337.7419

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					0.3496	0.0000	0.3496	0.1878	0.0000	0.1878			0.0000			0.0000
Off-Road	1.0643	9.4295	7.7762	0.0120		0.6228	0.6228		0.5943	0.5943	0.0000	1,169.3502	1,169.3502	0.2254		1,174.9857
Total	1.0643	9.4295	7.7762	0.0120	0.3496	0.6228	0.9723	0.1878	0.5943	0.7821	0.0000	1,169.3502	1,169.3502	0.2254		1,174.9857

1090 S. De Anza Blvd Hotel Project - Santa Clara County, Winter

3.4 Grading - 2018

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	0.2586	8.7415	1.7747	0.0212	0.4639	0.0352	0.4991	0.1271	0.0337	0.1608		2,256.1384	2,256.1384	0.1106		2,258.9040
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	0.0448	0.0338	0.3227	7.9000e-004	0.0822	5.3000e-004	0.0827	0.0218	4.9000e-004	0.0223		78.7778	78.7778	2.4000e-003		78.8379
Total	0.3034	8.7753	2.0974	0.0220	0.5461	0.0357	0.5818	0.1489	0.0341	0.1831		2,334.9162	2,334.9162	0.1130		2,337.7419

3.5 Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0848	11.0316	7.7512	0.0114		0.7087	0.7087		0.6520	0.6520		1,146.5323	1,146.5323	0.3569		1,155.4555
Total	1.0848	11.0316	7.7512	0.0114		0.7087	0.7087		0.6520	0.6520		1,146.5323	1,146.5323	0.3569		1,155.4555

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3.5 Building Construction - 2018

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	0.0676	1.6091	0.4782	3.2700e-003	0.0812	0.0130	0.0943	0.0234	0.0125	0.0358		345.0687	345.0687	0.0189		345.5420
Worker	0.1343	0.1013	0.9681	2.3700e-003	0.2464	1.6000e-003	0.2480	0.0654	1.4800e-003	0.0668		236.3335	236.3335	7.2100e-003		236.5137
Total	0.2020	1.7105	1.4463	5.6400e-003	0.3277	0.0146	0.3423	0.0888	0.0139	0.1027		581.4022	581.4022	0.0261		582.0557

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0848	11.0316	7.7512	0.0114		0.7087	0.7087		0.6520	0.6520	0.0000	1,146.5323	1,146.5323	0.3569		1,155.4555
Total	1.0848	11.0316	7.7512	0.0114		0.7087	0.7087		0.6520	0.6520	0.0000	1,146.5323	1,146.5323	0.3569		1,155.4555

1090 S. De Anza Blvd Hotel Project - Santa Clara County, Winter

3.5 Building Construction - 2018

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	0.0676	1.6091	0.4782	3.2700e-003	0.0812	0.0130	0.0943	0.0234	0.0125	0.0358		345.0687	345.0687	0.0189		345.5420
Worker	0.1343	0.1013	0.9681	2.3700e-003	0.2464	1.6000e-003	0.2480	0.0654	1.4800e-003	0.0668		236.3335	236.3335	7.2100e-003		236.5137
Total	0.2020	1.7105	1.4463	5.6400e-003	0.3277	0.0146	0.3423	0.0888	0.0139	0.1027		581.4022	581.4022	0.0261		582.0557

3.6 Paving - 2018

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	0.9202	8.7447	7.2240	0.0113		0.5109	0.5109		0.4735	0.4735		1,070.1372	1,070.1372	0.3017		1,077.6798
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9202	8.7447	7.2240	0.0113		0.5109	0.5109		0.4735	0.4735		1,070.1372	1,070.1372	0.3017		1,077.6798

1090 S. De Anza Blvd Hotel Project - Santa Clara County, Winter

3.6 Paving - 2018

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	0.0806	0.0608	0.5808	1.4200e-003	0.1479	9.6000e-004	0.1488	0.0392	8.9000e-004	0.0401		141.8001	141.8001	4.3300e-003		141.9082
Total	0.0806	0.0608	0.5808	1.4200e-003	0.1479	9.6000e-004	0.1488	0.0392	8.9000e-004	0.0401		141.8001	141.8001	4.3300e-003		141.9082

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	0.9202	8.7447	7.2240	0.0113		0.5109	0.5109		0.4735	0.4735	0.0000	1,070.1372	1,070.1372	0.3017		1,077.6798
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9202	8.7447	7.2240	0.0113		0.5109	0.5109		0.4735	0.4735	0.0000	1,070.1372	1,070.1372	0.3017		1,077.6798

1090 S. De Anza Blvd Hotel Project - Santa Clara County, Winter

3.6 Paving - 2018

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	0.0806	0.0608	0.5808	1.4200e-003	0.1479	9.6000e-004	0.1488	0.0392	8.9000e-004	0.0401		141.8001	141.8001	4.3300e-003		141.9082
Total	0.0806	0.0608	0.5808	1.4200e-003	0.1479	9.6000e-004	0.1488	0.0392	8.9000e-004	0.0401		141.8001	141.8001	4.3300e-003		141.9082

3.7 Architectural Coating - 2018

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	9.0549					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.1171
Total	9.3535	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.1171

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3.7 Architectural Coating - 2018

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	0.0269	0.0203	0.1936	4.7000e-004	0.0493	3.2000e-004	0.0496	0.0131	3.0000e-004	0.0134		47.2667	47.2667	1.4400e-003		47.3027
Total	0.0269	0.0203	0.1936	4.7000e-004	0.0493	3.2000e-004	0.0496	0.0131	3.0000e-004	0.0134		47.2667	47.2667	1.4400e-003		47.3027

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	9.0549					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.1171
Total	9.3535	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.1171

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3.7 Architectural Coating - 2018

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	0.0269	0.0203	0.1936	4.7000e-004	0.0493	3.2000e-004	0.0496	0.0131	3.0000e-004	0.0134		47.2667	47.2667	1.4400e-003		47.3027
Total	0.0269	0.0203	0.1936	4.7000e-004	0.0493	3.2000e-004	0.0496	0.0131	3.0000e-004	0.0134		47.2667	47.2667	1.4400e-003		47.3027

3.7 Architectural Coating - 2019

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	9.0549					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423
Total	9.3213	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423

1090 S. De Anza Blvd Hotel Project - Santa Clara County, Winter

3.7 Architectural Coating - 2019

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	0.0243	0.0177	0.1710	4.6000e-004	0.0493	3.1000e-004	0.0496	0.0131	2.9000e-004	0.0134		45.8609	45.8609	1.2700e-003		45.8926
Total	0.0243	0.0177	0.1710	4.6000e-004	0.0493	3.1000e-004	0.0496	0.0131	2.9000e-004	0.0134		45.8609	45.8609	1.2700e-003		45.8926

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	9.0549					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		282.0423
Total	9.3213	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		282.0423

1090 S. De Anza Blvd Hotel Project - Santa Clara County, Winter

3.7 Architectural Coating - 2019

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	0.0243	0.0177	0.1710	4.6000e-004	0.0493	3.1000e-004	0.0496	0.0131	2.9000e-004	0.0134		45.8609	45.8609	1.2700e-003		45.8926
Total	0.0243	0.0177	0.1710	4.6000e-004	0.0493	3.1000e-004	0.0496	0.0131	2.9000e-004	0.0134		45.8609	45.8609	1.2700e-003		45.8926

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

1090 S. De Anza Blvd Hotel Project - 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	1.0332	4.1953	11.7781	0.0330	2.9624	0.0341	2.9965	0.7908	0.0319	0.8227		3,328.0158	3,328.0158	0.1313		3,331.2970
Unmitigated	1.0332	4.1953	11.7781	0.0330	2.9624	0.0341	2.9965	0.7908	0.0319	0.8227		3,328.0158	3,328.0158	0.1313		3,331.2970

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Enclosed Parking with Elevator	0.00	0.00	0.00		
Hotel	735.30	737.10	535.50	1,343,278	1,343,278
Total	735.30	737.10	535.50	1,343,278	1,343,278

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
Enclosed Parking with Elevator	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Hotel	9.50	7.30	7.30	19.40	61.60	19.00	58	38	4

4.4 Fleet Mix

1090 S. De Anza Blvd Hotel Project - Santa Clara County, Winter

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.604810	0.038204	0.185149	0.108513	0.015498	0.004981	0.012268	0.020156	0.002083	0.001571	0.005363	0.000620	0.000785
Hotel	0.604810	0.038204	0.185149	0.108513	0.015498	0.004981	0.012268	0.020156	0.002083	0.001571	0.005363	0.000620	0.000785

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0674	0.6131	0.5150	3.6800e-003		0.0466	0.0466		0.0466	0.0466		735.6739	735.6739	0.0141	0.0135	740.0457
NaturalGas Unmitigated	0.0674	0.6131	0.5150	3.6800e-003		0.0466	0.0466		0.0466	0.0466		735.6739	735.6739	0.0141	0.0135	740.0457

1090 S. De Anza Blvd Hotel Project - Santa Clara County, Winter

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Hotel	6253.23	0.0674	0.6131	0.5150	3.6800e-003		0.0466	0.0466		0.0466	0.0466		735.6739	735.6739	0.0141	0.0135	740.0457
Total		0.0674	0.6131	0.5150	3.6800e-003		0.0466	0.0466		0.0466	0.0466		735.6739	735.6739	0.0141	0.0135	740.0457

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Hotel	6.25323	0.0674	0.6131	0.5150	3.6800e-003		0.0466	0.0466		0.0466	0.0466		735.6739	735.6739	0.0141	0.0135	740.0457
Total		0.0674	0.6131	0.5150	3.6800e-003		0.0466	0.0466		0.0466	0.0466		735.6739	735.6739	0.0141	0.0135	740.0457

6.0 Area Detail

6.1 Mitigation Measures Area

1090 S. De Anza Blvd Hotel Project - 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	1.2525	1.3000e-004	0.0145	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0309	0.0309	8.0000e-005		0.0329
Unmitigated	1.2525	1.3000e-004	0.0145	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0309	0.0309	8.0000e-005		0.0329

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	0.1465					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.1046					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.3600e-003	1.3000e-004	0.0145	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0309	0.0309	8.0000e-005		0.0329
Total	1.2525	1.3000e-004	0.0145	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0309	0.0309	8.0000e-005		0.0329

1090 S. De Anza Blvd Hotel Project - 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	0.1465					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.1046					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.3600e-003	1.3000e-004	0.0145	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0309	0.0309	8.0000e-005		0.0329
Total	1.2525	1.3000e-004	0.0145	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0309	0.0309	8.0000e-005		0.0329

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

1090 S. De Anza Blvd Hotel Project - Santa Clara County, Winter

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0.5	6	107.282	0.73	Diesel

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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10.1 Stationary Sources

Unmitigated/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
Equipment Type	lb/day										lb/day					
Emergency Generator - Diesel (100 - 175 HP)	0.0878	0.2454	0.3186	4.2000e-004		0.0129	0.0129		0.0129	0.0129		44.9140	44.9140	6.3000e-003		45.0714
Total	0.0878	0.2454	0.3186	4.2000e-004		0.0129	0.0129		0.0129	0.0129		44.9140	44.9140	6.3000e-003		45.0714

11.0 Vegetation

1090 S. De Anza Blvd Hotel Project - Santa Clara County, Summer

1090 S. De Anza Blvd Hotel Project
Santa Clara County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	51.00	Space	0.00	20,400.00	0
Hotel	90.00	Room	0.60	51,279.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	58
Climate Zone	4			Operational Year	2020
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

1090 S. De Anza Blvd Hotel Project - Santa Clara County, Summer

Project Characteristics - Assumed start of construction on Jan 1, 2018.

Land Use - Revised Lot Acreage and SF of Hotel to numbers in Site Plan

Construction Phase - Altered to total 12-14 month duration.

Demolition - Demolition of existing facilities.

Grading - Revised per exported CY and site acreage.

Architectural Coating -

Landscape Equipment -

Land Use Change -

Sequestration -

Construction Off-road Equipment Mitigation - Added BAAQMD mitigation for exposed areas 2x watering and vehicle speed limit of 15 mph for unpaved roads.

Stationary Sources - Emergency Generators and Fire Pumps -

Energy Use -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Parking	150	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstructionPhase	NumDays	5.00	60.00
tblConstructionPhase	NumDays	100.00	180.00
tblConstructionPhase	NumDays	10.00	20.00
tblConstructionPhase	NumDays	2.00	40.00
tblConstructionPhase	NumDays	5.00	10.00
tblConstructionPhase	NumDays	1.00	2.00
tblConstructionPhase	PhaseEndDate	1/11/2019	3/12/2019
tblConstructionPhase	PhaseEndDate	12/14/2018	12/4/2018
tblConstructionPhase	PhaseEndDate	2/1/2018	1/26/2018
tblConstructionPhase	PhaseEndDate	3/9/2018	3/27/2018
tblConstructionPhase	PhaseEndDate	12/28/2018	12/18/2018

1090 S. De Anza Blvd Hotel Project - Santa Clara County, Summer

tblConstructionPhase	PhaseEndDate	2/5/2018	1/30/2018
tblConstructionPhase	PhaseStartDate	12/29/2018	12/19/2018
tblConstructionPhase	PhaseStartDate	3/10/2018	3/28/2018
tblConstructionPhase	PhaseStartDate	2/6/2018	1/31/2018
tblConstructionPhase	PhaseStartDate	12/15/2018	12/5/2018
tblConstructionPhase	PhaseStartDate	2/2/2018	1/27/2018
tblGrading	AcresOfGrading	1.00	0.60
tblGrading	MaterialExported	0.00	8,500.00
tblLandUse	BuildingSpaceSquareFeet	130,680.00	51,279.00
tblLandUse	LandUseSquareFeet	130,680.00	51,279.00
tblLandUse	LotAcreage	0.46	0.00
tblLandUse	LotAcreage	3.00	0.60
tblProjectCharacteristics	OperationalYear	2018	2020
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	107.28
tblStationaryGeneratorsPumpsUse	HoursPerDay	0.00	0.50
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	6.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	1.00
tblTripsAndVMT	HaulingTripNumber	1,063.00	1,062.00

2.0 Emissions Summary

1090 S. De Anza Blvd Hotel Project - 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	1.2525	1.3000e-004	0.0145	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0309	0.0309	8.0000e-005		0.0329
Energy	0.0674	0.6131	0.5150	3.6800e-003		0.0466	0.0466		0.0466	0.0466		735.6739	735.6739	0.0141	0.0135	740.0457
Mobile	1.1936	3.9786	11.5886	0.0355	2.9624	0.0338	2.9962	0.7908	0.0317	0.8225		3,573.1536	3,573.1536	0.1287		3,576.3712
Stationary	0.0878	0.2454	0.3186	4.2000e-004		0.0129	0.0129		0.0129	0.0129		44.9140	44.9140	6.3000e-003		45.0714
Total	2.6014	4.8372	12.4367	0.0396	2.9624	0.0934	3.0558	0.7908	0.0913	0.8821		4,353.7723	4,353.7723	0.1492	0.0135	4,361.5212

1090 S. De Anza Blvd Hotel Project - Santa Clara County, Summer

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	lb/day										lb/day					
Area	1.2525	1.3000e-004	0.0145	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0309	0.0309	8.0000e-005		0.0329
Energy	0.0674	0.6131	0.5150	3.6800e-003		0.0466	0.0466		0.0466	0.0466		735.6739	735.6739	0.0141	0.0135	740.0457
Mobile	1.1936	3.9786	11.5886	0.0355	2.9624	0.0338	2.9962	0.7908	0.0317	0.8225		3,573.1536	3,573.1536	0.1287		3,576.3712
Stationary	0.0878	0.2454	0.3186	4.2000e-004		0.0129	0.0129		0.0129	0.0129		44.9140	44.9140	6.3000e-003		45.0714
Total	2.6014	4.8372	12.4367	0.0396	2.9624	0.0934	3.0558	0.7908	0.0913	0.8821		4,353.7723	4,353.7723	0.1492	0.0135	4,361.5212

	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

1090 S. De Anza Blvd Hotel Project - Santa Clara County, Summer

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2018	1/26/2018	5	20	
2	Site Preparation	Site Preparation	1/27/2018	1/30/2018	5	2	
3	Grading	Grading	1/31/2018	3/27/2018	5	40	
4	Building Construction	Building Construction	3/28/2018	12/4/2018	5	180	
5	Paving	Paving	12/5/2018	12/18/2018	5	10	
6	Architectural Coating	Architectural Coating	12/19/2018	3/12/2019	5	60	

Acres of Grading (Site Preparation Phase): 0.6

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 76,919; Non-Residential Outdoor: 25,640; Striped Parking Area: 1,224 (Architectural Coating – sqft)

OffRoad Equipment

1090 S. De Anza Blvd Hotel Project - Santa Clara County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

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	16.00	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	1,062.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	30.00	12.00	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	6.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

1090 S. De Anza Blvd Hotel Project - Santa Clara County, Summer

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2018

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					0.1747	0.0000	0.1747	0.0265	0.0000	0.0265			0.0000			0.0000
Off-Road	1.0643	9.4295	7.7762	0.0120		0.6228	0.6228		0.5943	0.5943		1,169.3502	1,169.3502	0.2254		1,174.9857
Total	1.0643	9.4295	7.7762	0.0120	0.1747	0.6228	0.7975	0.0265	0.5943	0.6207		1,169.3502	1,169.3502	0.2254		1,174.9857

1090 S. De Anza Blvd Hotel Project - Santa Clara County, Summer

3.2 Demolition - 2018

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	7.5700e-003	0.2568	0.0493	6.5000e-004	0.0140	1.0400e-003	0.0150	3.8300e-003	9.9000e-004	4.8300e-003		69.1061	69.1061	3.1700e-003		69.1853
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	0.0421	0.0276	0.3440	8.6000e-004	0.0822	5.3000e-004	0.0827	0.0218	4.9000e-004	0.0223		85.7412	85.7412	2.5500e-003		85.8050
Total	0.0497	0.2844	0.3933	1.5100e-003	0.0961	1.5700e-003	0.0977	0.0256	1.4800e-003	0.0271		154.8473	154.8473	5.7200e-003		154.9903

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					0.0786	0.0000	0.0786	0.0119	0.0000	0.0119			0.0000			0.0000
Off-Road	1.0643	9.4295	7.7762	0.0120		0.6228	0.6228		0.5943	0.5943	0.0000	1,169.3502	1,169.3502	0.2254		1,174.9857
Total	1.0643	9.4295	7.7762	0.0120	0.0786	0.6228	0.7014	0.0119	0.5943	0.6062	0.0000	1,169.3502	1,169.3502	0.2254		1,174.9857

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3.2 Demolition - 2018

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	7.5700e-003	0.2568	0.0493	6.5000e-004	0.0140	1.0400e-003	0.0150	3.8300e-003	9.9000e-004	4.8300e-003		69.1061	69.1061	3.1700e-003		69.1853
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	0.0421	0.0276	0.3440	8.6000e-004	0.0822	5.3000e-004	0.0827	0.0218	4.9000e-004	0.0223		85.7412	85.7412	2.5500e-003		85.8050
Total	0.0497	0.2844	0.3933	1.5100e-003	0.0961	1.5700e-003	0.0977	0.0256	1.4800e-003	0.0271		154.8473	154.8473	5.7200e-003		154.9903

3.3 Site Preparation - 2018

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					0.3182	0.0000	0.3182	0.0344	0.0000	0.0344			0.0000			0.0000
Off-Road	0.7858	9.7572	4.2514	9.7600e-003		0.4180	0.4180		0.3846	0.3846		982.7113	982.7113	0.3059		990.3596
Total	0.7858	9.7572	4.2514	9.7600e-003	0.3182	0.4180	0.7362	0.0344	0.3846	0.4189		982.7113	982.7113	0.3059		990.3596

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3.3 Site Preparation - 2018

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	0.0211	0.0138	0.1720	4.3000e-004	0.0411	2.7000e-004	0.0413	0.0109	2.5000e-004	0.0111		42.8706	42.8706	1.2800e-003		42.9025
Total	0.0211	0.0138	0.1720	4.3000e-004	0.0411	2.7000e-004	0.0413	0.0109	2.5000e-004	0.0111		42.8706	42.8706	1.2800e-003		42.9025

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					0.1432	0.0000	0.1432	0.0155	0.0000	0.0155			0.0000			0.0000
Off-Road	0.7858	9.7572	4.2514	9.7600e-003		0.4180	0.4180		0.3846	0.3846	0.0000	982.7113	982.7113	0.3059		990.3596
Total	0.7858	9.7572	4.2514	9.7600e-003	0.1432	0.4180	0.5612	0.0155	0.3846	0.4000	0.0000	982.7113	982.7113	0.3059		990.3596

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3.3 Site Preparation - 2018

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	0.0211	0.0138	0.1720	4.3000e-004	0.0411	2.7000e-004	0.0413	0.0109	2.5000e-004	0.0111		42.8706	42.8706	1.2800e-003		42.9025
Total	0.0211	0.0138	0.1720	4.3000e-004	0.0411	2.7000e-004	0.0413	0.0109	2.5000e-004	0.0111		42.8706	42.8706	1.2800e-003		42.9025

3.4 Grading - 2018

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					0.7768	0.0000	0.7768	0.4174	0.0000	0.4174			0.0000			0.0000
Off-Road	1.0643	9.4295	7.7762	0.0120		0.6228	0.6228		0.5943	0.5943		1,169.3502	1,169.3502	0.2254		1,174.9857
Total	1.0643	9.4295	7.7762	0.0120	0.7768	0.6228	1.3995	0.4174	0.5943	1.0117		1,169.3502	1,169.3502	0.2254		1,174.9857

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3.4 Grading - 2018

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	0.2511	8.5216	1.6355	0.0215	0.4639	0.0345	0.4984	0.1271	0.0330	0.1601		2,293.4602	2,293.4602	0.1051		2,296.0877
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	0.0421	0.0276	0.3440	8.6000e-004	0.0822	5.3000e-004	0.0827	0.0218	4.9000e-004	0.0223		85.7412	85.7412	2.5500e-003		85.8050
Total	0.2933	8.5492	1.9795	0.0224	0.5461	0.0350	0.5811	0.1489	0.0335	0.1824		2,379.2013	2,379.2013	0.1077		2,381.8926

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					0.3496	0.0000	0.3496	0.1878	0.0000	0.1878			0.0000			0.0000
Off-Road	1.0643	9.4295	7.7762	0.0120		0.6228	0.6228		0.5943	0.5943	0.0000	1,169.3502	1,169.3502	0.2254		1,174.9857
Total	1.0643	9.4295	7.7762	0.0120	0.3496	0.6228	0.9723	0.1878	0.5943	0.7821	0.0000	1,169.3502	1,169.3502	0.2254		1,174.9857

1090 S. De Anza Blvd Hotel Project - Santa Clara County, Summer

3.4 Grading - 2018

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	0.2511	8.5216	1.6355	0.0215	0.4639	0.0345	0.4984	0.1271	0.0330	0.1601		2,293.4602	2,293.4602	0.1051		2,296.0877
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	0.0421	0.0276	0.3440	8.6000e-004	0.0822	5.3000e-004	0.0827	0.0218	4.9000e-004	0.0223		85.7412	85.7412	2.5500e-003		85.8050
Total	0.2933	8.5492	1.9795	0.0224	0.5461	0.0350	0.5811	0.1489	0.0335	0.1824		2,379.2013	2,379.2013	0.1077		2,381.8926

3.5 Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0848	11.0316	7.7512	0.0114		0.7087	0.7087		0.6520	0.6520		1,146.5323	1,146.5323	0.3569		1,155.4555
Total	1.0848	11.0316	7.7512	0.0114		0.7087	0.7087		0.6520	0.6520		1,146.5323	1,146.5323	0.3569		1,155.4555

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3.5 Building Construction - 2018

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	0.0646	1.5846	0.4222	3.3500e-003	0.0812	0.0128	0.0941	0.0234	0.0123	0.0357		353.7714	353.7714	0.0176		354.2101
Worker	0.1264	0.0829	1.0320	2.5800e-003	0.2464	1.6000e-003	0.2480	0.0654	1.4800e-003	0.0668		257.2235	257.2235	7.6600e-003		257.4149
Total	0.1910	1.6675	1.4543	5.9300e-003	0.3277	0.0144	0.3421	0.0888	0.0138	0.1025		610.9948	610.9948	0.0252		611.6250

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0848	11.0316	7.7512	0.0114		0.7087	0.7087		0.6520	0.6520	0.0000	1,146.5323	1,146.5323	0.3569		1,155.4555
Total	1.0848	11.0316	7.7512	0.0114		0.7087	0.7087		0.6520	0.6520	0.0000	1,146.5323	1,146.5323	0.3569		1,155.4555

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3.5 Building Construction - 2018

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	0.0646	1.5846	0.4222	3.3500e-003	0.0812	0.0128	0.0941	0.0234	0.0123	0.0357		353.7714	353.7714	0.0176		354.2101
Worker	0.1264	0.0829	1.0320	2.5800e-003	0.2464	1.6000e-003	0.2480	0.0654	1.4800e-003	0.0668		257.2235	257.2235	7.6600e-003		257.4149
Total	0.1910	1.6675	1.4543	5.9300e-003	0.3277	0.0144	0.3421	0.0888	0.0138	0.1025		610.9948	610.9948	0.0252		611.6250

3.6 Paving - 2018

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	0.9202	8.7447	7.2240	0.0113		0.5109	0.5109		0.4735	0.4735		1,070.1372	1,070.1372	0.3017		1,077.6798
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9202	8.7447	7.2240	0.0113		0.5109	0.5109		0.4735	0.4735		1,070.1372	1,070.1372	0.3017		1,077.6798

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3.6 Paving - 2018

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	0.0758	0.0497	0.6192	1.5500e-003	0.1479	9.6000e-004	0.1488	0.0392	8.9000e-004	0.0401		154.3341	154.3341	4.5900e-003		154.4489
Total	0.0758	0.0497	0.6192	1.5500e-003	0.1479	9.6000e-004	0.1488	0.0392	8.9000e-004	0.0401		154.3341	154.3341	4.5900e-003		154.4489

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	0.9202	8.7447	7.2240	0.0113		0.5109	0.5109		0.4735	0.4735	0.0000	1,070.1372	1,070.1372	0.3017		1,077.6798
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9202	8.7447	7.2240	0.0113		0.5109	0.5109		0.4735	0.4735	0.0000	1,070.1372	1,070.1372	0.3017		1,077.6798

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3.6 Paving - 2018

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	0.0758	0.0497	0.6192	1.5500e-003	0.1479	9.6000e-004	0.1488	0.0392	8.9000e-004	0.0401		154.3341	154.3341	4.5900e-003		154.4489
Total	0.0758	0.0497	0.6192	1.5500e-003	0.1479	9.6000e-004	0.1488	0.0392	8.9000e-004	0.0401		154.3341	154.3341	4.5900e-003		154.4489

3.7 Architectural Coating - 2018

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	9.0549					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.1171
Total	9.3535	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.1171

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3.7 Architectural Coating - 2018

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	0.0253	0.0166	0.2064	5.2000e-004	0.0493	3.2000e-004	0.0496	0.0131	3.0000e-004	0.0134		51.4447	51.4447	1.5300e-003		51.4830
Total	0.0253	0.0166	0.2064	5.2000e-004	0.0493	3.2000e-004	0.0496	0.0131	3.0000e-004	0.0134		51.4447	51.4447	1.5300e-003		51.4830

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	9.0549					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.1171
Total	9.3535	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.1171

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3.7 Architectural Coating - 2018

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	0.0253	0.0166	0.2064	5.2000e-004	0.0493	3.2000e-004	0.0496	0.0131	3.0000e-004	0.0134		51.4447	51.4447	1.5300e-003		51.4830
Total	0.0253	0.0166	0.2064	5.2000e-004	0.0493	3.2000e-004	0.0496	0.0131	3.0000e-004	0.0134		51.4447	51.4447	1.5300e-003		51.4830

3.7 Architectural Coating - 2019

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	9.0549					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423
Total	9.3213	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423

1090 S. De Anza Blvd Hotel Project - Santa Clara County, Summer

3.7 Architectural Coating - 2019

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	0.0228	0.0145	0.1836	5.0000e-004	0.0493	3.1000e-004	0.0496	0.0131	2.9000e-004	0.0134		49.9187	49.9187	1.3500e-003		49.9525
Total	0.0228	0.0145	0.1836	5.0000e-004	0.0493	3.1000e-004	0.0496	0.0131	2.9000e-004	0.0134		49.9187	49.9187	1.3500e-003		49.9525

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	9.0549					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		282.0423
Total	9.3213	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		282.0423

1090 S. De Anza Blvd Hotel Project - Santa Clara County, Summer

3.7 Architectural Coating - 2019

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	0.0228	0.0145	0.1836	5.0000e-004	0.0493	3.1000e-004	0.0496	0.0131	2.9000e-004	0.0134		49.9187	49.9187	1.3500e-003		49.9525
Total	0.0228	0.0145	0.1836	5.0000e-004	0.0493	3.1000e-004	0.0496	0.0131	2.9000e-004	0.0134		49.9187	49.9187	1.3500e-003		49.9525

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

1090 S. De Anza Blvd Hotel Project - 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	1.1936	3.9786	11.5886	0.0355	2.9624	0.0338	2.9962	0.7908	0.0317	0.8225		3,573.1536	3,573.1536	0.1287		3,576.3712
Unmitigated	1.1936	3.9786	11.5886	0.0355	2.9624	0.0338	2.9962	0.7908	0.0317	0.8225		3,573.1536	3,573.1536	0.1287		3,576.3712

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Enclosed Parking with Elevator	0.00	0.00	0.00		
Hotel	735.30	737.10	535.50	1,343,278	1,343,278
Total	735.30	737.10	535.50	1,343,278	1,343,278

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
Enclosed Parking with Elevator	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Hotel	9.50	7.30	7.30	19.40	61.60	19.00	58	38	4

4.4 Fleet Mix

1090 S. De Anza Blvd Hotel Project - Santa Clara County, Summer

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.604810	0.038204	0.185149	0.108513	0.015498	0.004981	0.012268	0.020156	0.002083	0.001571	0.005363	0.000620	0.000785
Hotel	0.604810	0.038204	0.185149	0.108513	0.015498	0.004981	0.012268	0.020156	0.002083	0.001571	0.005363	0.000620	0.000785

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0674	0.6131	0.5150	3.6800e-003		0.0466	0.0466		0.0466	0.0466		735.6739	735.6739	0.0141	0.0135	740.0457
NaturalGas Unmitigated	0.0674	0.6131	0.5150	3.6800e-003		0.0466	0.0466		0.0466	0.0466		735.6739	735.6739	0.0141	0.0135	740.0457

1090 S. De Anza Blvd Hotel Project - Santa Clara County, Summer

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Hotel	6253.23	0.0674	0.6131	0.5150	3.6800e-003		0.0466	0.0466		0.0466	0.0466		735.6739	735.6739	0.0141	0.0135	740.0457
Total		0.0674	0.6131	0.5150	3.6800e-003		0.0466	0.0466		0.0466	0.0466		735.6739	735.6739	0.0141	0.0135	740.0457

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Hotel	6.25323	0.0674	0.6131	0.5150	3.6800e-003		0.0466	0.0466		0.0466	0.0466		735.6739	735.6739	0.0141	0.0135	740.0457
Total		0.0674	0.6131	0.5150	3.6800e-003		0.0466	0.0466		0.0466	0.0466		735.6739	735.6739	0.0141	0.0135	740.0457

6.0 Area Detail

6.1 Mitigation Measures Area

1090 S. De Anza Blvd Hotel Project - 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	1.2525	1.3000e-004	0.0145	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0309	0.0309	8.0000e-005		0.0329
Unmitigated	1.2525	1.3000e-004	0.0145	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0309	0.0309	8.0000e-005		0.0329

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	0.1465					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.1046					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.3600e-003	1.3000e-004	0.0145	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0309	0.0309	8.0000e-005		0.0329
Total	1.2525	1.3000e-004	0.0145	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0309	0.0309	8.0000e-005		0.0329

1090 S. De Anza Blvd Hotel Project - 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	0.1465					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.1046					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.3600e-003	1.3000e-004	0.0145	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0309	0.0309	8.0000e-005		0.0329
Total	1.2525	1.3000e-004	0.0145	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0309	0.0309	8.0000e-005		0.0329

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

1090 S. De Anza Blvd Hotel Project - Santa Clara County, Summer

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0.5	6	107.282	0.73	Diesel

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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10.1 Stationary Sources

Unmitigated/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
Equipment Type	lb/day										lb/day					
Emergency Generator - Diesel (100 - 175 HP)	0.0878	0.2454	0.3186	4.2000e-004		0.0129	0.0129		0.0129	0.0129		44.9140	44.9140	6.3000e-003		45.0714
Total	0.0878	0.2454	0.3186	4.2000e-004		0.0129	0.0129		0.0129	0.0129		44.9140	44.9140	6.3000e-003		45.0714

11.0 Vegetation

Greenhouse Gas Emission Worksheet
N2O Mobile Emissions

1090 S. De Anza Boulevard Hotel Project

From URBEMIS 2007 Vehicle Fleet Mix Output:

Annual VMT: 1,343,278

Vehicle Type	Percent Type	CH4 Emission Factor (g/mile)*	CH4 Emission (g/mile)**	N2O Emission Factor (g/mile)*	N2O Emission (g/mile)**
Light Auto	60.5%	0.04	0.0242	0.04	0.0242
Light Truck < 3750 lbs	3.8%	0.05	0.0019	0.06	0.00228
Light Truck 3751-5750 lbs	18.5%	0.05	0.00925	0.06	0.0111
Med Truck 5751-8500 lbs	10.9%	0.12	0.01308	0.2	0.0218
Lite-Heavy Truck 8501-10,000 lbs	1.6%	0.12	0.00192	0.2	0.0032
Lite-Heavy Truck 10,001-14,000 lbs	0.5%	0.09	0.00045	0.125	0.000625
Med-Heavy Truck 14,001-33,000 lbs	1.2%	0.06	0.00072	0.05	0.0006
Heavy-Heavy Truck 33,001-60,000 lbs	2.0%	0.06	0.0012	0.05	0.001
Other Bus	0.2%	0.06	0.00012	0.05	0.0001
Urban Bus	0.2%	0.06	0.00012	0.05	0.0001
Motorcycle	0.5%	0.09	0.00045	0.01	0.00005
School Bus	0.0%	0.06	0.000006	0.05	0.000005
Motor Home	0.1%	0.09	0.000072	0.125	0.0001
Total	100.0%		0.053488		0.06516

Total Emissions (metric tons) =
Emission Factor by Vehicle Mix (g/mi) x Annual VMT(mi) x 0.000001 metric tons/g

Conversion to Carbon Dioxide Equivalency (CO2e) Units based on Global Warming Potential (GWP)

CH4 21 GWP
 N2O 310 GWP
 1 ton (short, US) = 0.90718474 metric ton

Annual Mobile Emissions:

Total Emissions **Total CO2e units**
 N2O Emissions: 0.0875 metric tons N2O 27.13 metric tons CO2e

Project Total: 27.13 metric tons CO2e

References

* from Table C.4: Methane and Nitrous Oxide Emission Factors for Mobile Sources by Vehicle and Fuel Type (g/mile).
 in California Climate Action Registry General Reporting Protocol, Reporting Entity-Wide Greenhouse Gas Emissions, Version 3.1, January 2009.
 Assume Model year 2000-present, gasoline fueled.
 ** Source: California Climate Action Registry General Reporting Protocol, Reporting Entity-Wide Greenhouse Gas Emissions, Version 3.1, January 2009.
 *** From URBEMIS 2007 results for mobile sources