



APPENDIX A

CALEEMOD OUTPUT SHEETS

200 Airport Boulevard Project - Bay Area AQMD Air District, Annual

200 Airport Boulevard Project

Bay Area AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Mid Rise	98.00	Dwelling Unit	0.55	98,000.00	280
Strip Mall	3.63	1000sqft	0.00	3,630.00	0
Enclosed Parking with Elevator	110.00	Space	0.00	44,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	64
Climate Zone	5			Operational Year	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	328.8	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 - CO2 intensity factor based on 5-year average (2016-2020) per PG&E, 2015

Land Use - Lot acreage includes retail and residential uses. Total lot acreage is 0.55 acres.

Construction Phase - Construction of the proposed project is anticipated to occur over approximately 25 months, starting in March 2020 and ending in April 2022.

Grading - Approximately 408 net cubic yards would be exported from the project site to create a level pad.

Demolition - Construction of the proposed project would include the proposed project would involve the demolition of all existing structures and associated pavements on the project site, totaling approximately 15,100 square feet in size.

Vehicle Trips - Trip rates based on 200 Airport Boulevard Traffic Study

Construction Off-road Equipment Mitigation

Mobile Land Use Mitigation -

Mobile Commute Mitigation -

Area Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstructionPhase	NumDays	5.00	60.00
tblConstructionPhase	NumDays	100.00	250.00

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tblConstructionPhase	NumDays	10.00	60.00
tblConstructionPhase	NumDays	2.00	60.00
tblConstructionPhase	NumDays	5.00	60.00
tblConstructionPhase	NumDays	1.00	60.00
tblConstructionPhase	PhaseEndDate	8/19/2020	4/8/2021
tblConstructionPhase	PhaseEndDate	8/5/2020	10/22/2021
tblConstructionPhase	PhaseEndDate	3/13/2020	5/22/2020
tblConstructionPhase	PhaseEndDate	3/18/2020	11/6/2020
tblConstructionPhase	PhaseEndDate	8/12/2020	1/14/2022
tblConstructionPhase	PhaseEndDate	3/16/2020	8/14/2020
tblConstructionPhase	PhaseStartDate	8/13/2020	1/15/2021
tblConstructionPhase	PhaseStartDate	3/19/2020	11/7/2020
tblConstructionPhase	PhaseStartDate	3/17/2020	8/15/2020
tblConstructionPhase	PhaseStartDate	8/6/2020	10/23/2021
tblConstructionPhase	PhaseStartDate	3/14/2020	5/23/2020
tblGrading	AcresOfGrading	30.00	0.50
tblGrading	MaterialExported	0.00	408.00
tblLandUse	LotAcreage	2.58	0.55
tblLandUse	LotAcreage	0.08	0.00
tblLandUse	LotAcreage	0.99	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	328.8
tblVehicleTrips	ST_TR	6.39	5.86
tblVehicleTrips	ST_TR	42.04	39.67
tblVehicleTrips	SU_TR	20.43	39.67
tblVehicleTrips	WD_TR	6.65	5.86
tblVehicleTrips	WD_TR	44.32	39.67

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2.0 Emissions Summary

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2.1 Overall Construction**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.0996	0.9619	0.7995	1.5700e-003	0.0534	0.0487	0.1021	0.0198	0.0457	0.0655	0.0000	138.7643	138.7643	0.0276	0.0000	139.4531
2021	0.8625	1.2767	1.2828	2.8600e-003	0.0953	0.0599	0.1552	0.0256	0.0554	0.0810	0.0000	256.0157	256.0157	0.0455	0.0000	257.1533
2022	3.4900e-003	0.0298	0.0370	6.0000e-005	7.1000e-004	1.4800e-003	2.2000e-003	1.9000e-004	1.3800e-003	1.5700e-003	0.0000	5.2776	5.2776	1.3800e-003	0.0000	5.3121
Maximum	0.8625	1.2767	1.2828	2.8600e-003	0.0953	0.0599	0.1552	0.0256	0.0554	0.0810	0.0000	256.0157	256.0157	0.0455	0.0000	257.1533

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.0996	0.9619	0.7995	1.5700e-003	0.0368	0.0487	0.0854	0.0123	0.0457	0.0581	0.0000	138.7642	138.7642	0.0276	0.0000	139.4530
2021	0.8625	1.2767	1.2828	2.8600e-003	0.0953	0.0599	0.1552	0.0256	0.0554	0.0810	0.0000	256.0155	256.0155	0.0455	0.0000	257.1532
2022	3.4900e-003	0.0298	0.0370	6.0000e-005	7.1000e-004	1.4800e-003	2.2000e-003	1.9000e-004	1.3800e-003	1.5700e-003	0.0000	5.2776	5.2776	1.3800e-003	0.0000	5.3121
Maximum	0.8625	1.2767	1.2828	2.8600e-003	0.0953	0.0599	0.1552	0.0256	0.0554	0.0810	0.0000	256.0155	256.0155	0.0455	0.0000	257.1532

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	11.15	0.00	6.43	16.36	0.00	5.04	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	3-2-2020	6-1-2020	0.3003	0.3003
2	6-2-2020	9-1-2020	0.2998	0.2998
3	9-2-2020	12-1-2020	0.3244	0.3244
4	12-2-2020	3-1-2021	0.7969	0.7969
5	3-2-2021	6-1-2021	0.7165	0.7165
6	6-2-2021	9-1-2021	0.3658	0.3658
7	9-2-2021	12-1-2021	0.3112	0.3112
8	12-2-2021	3-1-2022	0.1141	0.1141
		Highest	0.7969	0.7969

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2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.7198	0.0136	1.0409	6.6000e-004		0.0485	0.0485		0.0485	0.0485	4.4678	3.0258	7.4936	8.3300e-003	2.9000e-004	7.7892
Energy	4.7000e-003	0.0402	0.0175	2.6000e-004		3.2500e-003	3.2500e-003		3.2500e-003	3.2500e-003	0.0000	152.3844	152.3844	0.0102	2.7800e-003	153.4699
Mobile	0.1740	0.8462	1.9031	6.7000e-003	0.5762	6.1000e-003	0.5823	0.1547	5.7100e-003	0.1604	0.0000	615.1901	615.1901	0.0231	0.0000	615.7670
Waste						0.0000	0.0000		0.0000	0.0000	9.9242	0.0000	9.9242	0.5865	0.0000	24.5869
Water						0.0000	0.0000		0.0000	0.0000	2.1110	7.5570	9.6680	0.2175	5.2600e-003	16.6719
Total	0.8985	0.9000	2.9614	7.6200e-003	0.5762	0.0579	0.6341	0.1547	0.0575	0.2122	16.5030	778.1573	794.6603	0.8456	8.3300e-003	818.2848

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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	0.4941	0.0118	0.7309	6.0000e-005		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003	0.0000	5.1056	5.1056	1.2300e-003	7.0000e-005	5.1577
Energy	4.7000e-003	0.0402	0.0175	2.6000e-004		3.2500e-003	3.2500e-003		3.2500e-003	3.2500e-003	0.0000	152.3844	152.3844	0.0102	2.7800e-003	153.4699
Mobile	0.1645	0.7768	1.6853	5.7100e-003	0.4837	5.2400e-003	0.4889	0.1298	4.9100e-003	0.1347	0.0000	524.2825	524.2825	0.0205	0.0000	524.7960
Waste						0.0000	0.0000		0.0000	0.0000	9.9242	0.0000	9.9242	0.5865	0.0000	24.5869
Water						0.0000	0.0000		0.0000	0.0000	2.1110	7.5570	9.6680	0.2175	5.2600e-003	16.6719
Total	0.6633	0.8288	2.4337	6.0300e-003	0.4837	0.0128	0.4965	0.1298	0.0125	0.1423	12.0352	689.3295	701.3647	0.8360	8.1100e-003	724.6823

	ROG	NOx	CO	SO2	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	26.18	7.91	17.82	20.87	16.05	77.91	21.70	16.06	78.33	32.93	27.07	11.42	11.74	1.14	2.64	11.44

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	3/2/2020	5/22/2020	5	60	
2	Site Preparation	Site Preparation	5/23/2020	8/14/2020	5	60	
3	Grading	Grading	8/15/2020	11/6/2020	5	60	
4	Building Construction	Building Construction	11/7/2020	10/22/2021	5	250	
5	Paving	Paving	10/23/2021	1/14/2022	5	60	
6	Architectural Coating	Architectural Coating	1/15/2021	4/8/2021	5	60	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 198,450; Residential Outdoor: 66,150; Non-Residential Indoor: 5,445; Non-Residential Outdoor: 1,815; Striped Parking Area: 2,640 (Architectural Coating – sqft)

OffRoad Equipment

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

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	4	10.00	0.00	69.00	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	51.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	90.00	18.00	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	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

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3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					7.4300e-003	0.0000	7.4300e-003	1.1300e-003	0.0000	1.1300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0260	0.2362	0.2287	3.6000e-004		0.0140	0.0140		0.0134	0.0134	0.0000	31.2226	31.2226	5.9000e-003	0.0000	31.3702
Total	0.0260	0.2362	0.2287	3.6000e-004	7.4300e-003	0.0140	0.0215	1.1300e-003	0.0134	0.0145	0.0000	31.2226	31.2226	5.9000e-003	0.0000	31.3702

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3.2 Demolition - 2020**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	2.9000e-004	0.0101	2.0300e-003	3.0000e-005	5.8000e-004	3.0000e-005	6.2000e-004	1.6000e-004	3.0000e-005	1.9000e-004	0.0000	2.6440	2.6440	1.4000e-004	0.0000	2.6474
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	9.9000e-004	7.1000e-004	7.3700e-003	2.0000e-005	2.3700e-003	2.0000e-005	2.3900e-003	6.3000e-004	1.0000e-005	6.5000e-004	0.0000	2.0768	2.0768	5.0000e-005	0.0000	2.0781
Total	1.2800e-003	0.0108	9.4000e-003	5.0000e-005	2.9500e-003	5.0000e-005	3.0100e-003	7.9000e-004	4.0000e-005	8.4000e-004	0.0000	4.7208	4.7208	1.9000e-004	0.0000	4.7255

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					3.3400e-003	0.0000	3.3400e-003	5.1000e-004	0.0000	5.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0260	0.2362	0.2287	3.6000e-004		0.0140	0.0140		0.0134	0.0134	0.0000	31.2226	31.2226	5.9000e-003	0.0000	31.3702
Total	0.0260	0.2362	0.2287	3.6000e-004	3.3400e-003	0.0140	0.0174	5.1000e-004	0.0134	0.0139	0.0000	31.2226	31.2226	5.9000e-003	0.0000	31.3702

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3.2 Demolition - 2020**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	2.9000e-004	0.0101	2.0300e-003	3.0000e-005	5.8000e-004	3.0000e-005	6.2000e-004	1.6000e-004	3.0000e-005	1.9000e-004	0.0000	2.6440	2.6440	1.4000e-004	0.0000	2.6474
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	9.9000e-004	7.1000e-004	7.3700e-003	2.0000e-005	2.3700e-003	2.0000e-005	2.3900e-003	6.3000e-004	1.0000e-005	6.5000e-004	0.0000	2.0768	2.0768	5.0000e-005	0.0000	2.0781
Total	1.2800e-003	0.0108	9.4000e-003	5.0000e-005	2.9500e-003	5.0000e-005	3.0100e-003	7.9000e-004	4.0000e-005	8.4000e-004	0.0000	4.7208	4.7208	1.9000e-004	0.0000	4.7255

3.3 Site Preparation - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.7000e-004	0.0000	2.7000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0206	0.2529	0.1228	2.9000e-004		0.0101	0.0101		9.2600e-003	9.2600e-003	0.0000	25.6775	25.6775	8.3000e-003	0.0000	25.8851
Total	0.0206	0.2529	0.1228	2.9000e-004	2.7000e-004	0.0101	0.0103	3.0000e-005	9.2600e-003	9.2900e-003	0.0000	25.6775	25.6775	8.3000e-003	0.0000	25.8851

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3.3 Site Preparation - 2020**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	5.0000e-004	3.6000e-004	3.6800e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.1900e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0384	1.0384	3.0000e-005	0.0000	1.0391
Total	5.0000e-004	3.6000e-004	3.6800e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.1900e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0384	1.0384	3.0000e-005	0.0000	1.0391

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					1.2000e-004	0.0000	1.2000e-004	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0206	0.2529	0.1228	2.9000e-004		0.0101	0.0101		9.2600e-003	9.2600e-003	0.0000	25.6775	25.6775	8.3000e-003	0.0000	25.8851
Total	0.0206	0.2529	0.1228	2.9000e-004	1.2000e-004	0.0101	0.0102	1.0000e-005	9.2600e-003	9.2700e-003	0.0000	25.6775	25.6775	8.3000e-003	0.0000	25.8851

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3.3 Site Preparation - 2020**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	5.0000e-004	3.6000e-004	3.6800e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.1900e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0384	1.0384	3.0000e-005	0.0000	1.0391
Total	5.0000e-004	3.6000e-004	3.6800e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.1900e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0384	1.0384	3.0000e-005	0.0000	1.0391

3.4 Grading - 2020**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					0.0226	0.0000	0.0226	0.0124	0.0000	0.0124	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0260	0.2362	0.2287	3.6000e-004		0.0140	0.0140		0.0134	0.0134	0.0000	31.2226	31.2226	5.9000e-003	0.0000	31.3702
Total	0.0260	0.2362	0.2287	3.6000e-004	0.0226	0.0140	0.0366	0.0124	0.0134	0.0258	0.0000	31.2226	31.2226	5.9000e-003	0.0000	31.3702

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3.4 Grading - 2020**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	2.1000e-004	7.4600e-003	1.5000e-003	2.0000e-005	4.3000e-004	2.0000e-005	4.5000e-004	1.2000e-004	2.0000e-005	1.4000e-004	0.0000	1.9543	1.9543	1.0000e-004	0.0000	1.9568
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	9.9000e-004	7.1000e-004	7.3700e-003	2.0000e-005	2.3700e-003	2.0000e-005	2.3900e-003	6.3000e-004	1.0000e-005	6.5000e-004	0.0000	2.0768	2.0768	5.0000e-005	0.0000	2.0781
Total	1.2000e-003	8.1700e-003	8.8700e-003	4.0000e-005	2.8000e-003	4.0000e-005	2.8400e-003	7.5000e-004	3.0000e-005	7.9000e-004	0.0000	4.0311	4.0311	1.5000e-004	0.0000	4.0349

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					0.0102	0.0000	0.0102	5.5900e-003	0.0000	5.5900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0260	0.2362	0.2287	3.6000e-004		0.0140	0.0140		0.0134	0.0134	0.0000	31.2226	31.2226	5.9000e-003	0.0000	31.3702
Total	0.0260	0.2362	0.2287	3.6000e-004	0.0102	0.0140	0.0242	5.5900e-003	0.0134	0.0190	0.0000	31.2226	31.2226	5.9000e-003	0.0000	31.3702

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3.4 Grading - 2020**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	2.1000e-004	7.4600e-003	1.5000e-003	2.0000e-005	4.3000e-004	2.0000e-005	4.5000e-004	1.2000e-004	2.0000e-005	1.4000e-004	0.0000	1.9543	1.9543	1.0000e-004	0.0000	1.9568
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	9.9000e-004	7.1000e-004	7.3700e-003	2.0000e-005	2.3700e-003	2.0000e-005	2.3900e-003	6.3000e-004	1.0000e-005	6.5000e-004	0.0000	2.0768	2.0768	5.0000e-005	0.0000	2.0781
Total	1.2000e-003	8.1700e-003	8.8700e-003	4.0000e-005	2.8000e-003	4.0000e-005	2.8400e-003	7.5000e-004	3.0000e-005	7.9000e-004	0.0000	4.0311	4.0311	1.5000e-004	0.0000	4.0349

3.5 Building Construction - 2020**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	0.0168	0.1726	0.1441	2.2000e-004		0.0102	0.0102		9.3700e-003	9.3700e-003	0.0000	19.5118	19.5118	6.3100e-003	0.0000	19.6696
Total	0.0168	0.1726	0.1441	2.2000e-004		0.0102	0.0102		9.3700e-003	9.3700e-003	0.0000	19.5118	19.5118	6.3100e-003	0.0000	19.6696

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3.5 Building Construction - 2020**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	1.3600e-003	0.0405	0.0102	1.0000e-004	2.3000e-003	2.0000e-004	2.5000e-003	6.7000e-004	1.9000e-004	8.5000e-004	0.0000	9.1899	9.1899	4.7000e-004	0.0000	9.2017
Worker	5.8200e-003	4.1600e-003	0.0431	1.3000e-004	0.0139	9.0000e-005	0.0140	3.6900e-003	9.0000e-005	3.7800e-003	0.0000	12.1495	12.1495	2.9000e-004	0.0000	12.1569
Total	7.1800e-003	0.0447	0.0533	2.3000e-004	0.0162	2.9000e-004	0.0165	4.3600e-003	2.8000e-004	4.6300e-003	0.0000	21.3394	21.3394	7.6000e-004	0.0000	21.3586

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	0.0168	0.1726	0.1441	2.2000e-004		0.0102	0.0102		9.3700e-003	9.3700e-003	0.0000	19.5118	19.5118	6.3100e-003	0.0000	19.6695
Total	0.0168	0.1726	0.1441	2.2000e-004		0.0102	0.0102		9.3700e-003	9.3700e-003	0.0000	19.5118	19.5118	6.3100e-003	0.0000	19.6695

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3.5 Building Construction - 2020**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	1.3600e-003	0.0405	0.0102	1.0000e-004	2.3000e-003	2.0000e-004	2.5000e-003	6.7000e-004	1.9000e-004	8.5000e-004	0.0000	9.1899	9.1899	4.7000e-004	0.0000	9.2017
Worker	5.8200e-003	4.1600e-003	0.0431	1.3000e-004	0.0139	9.0000e-005	0.0140	3.6900e-003	9.0000e-005	3.7800e-003	0.0000	12.1495	12.1495	2.9000e-004	0.0000	12.1569
Total	7.1800e-003	0.0447	0.0533	2.3000e-004	0.0162	2.9000e-004	0.0165	4.3600e-003	2.8000e-004	4.6300e-003	0.0000	21.3394	21.3394	7.6000e-004	0.0000	21.3586

3.5 Building Construction - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0818	0.8424	0.7663	1.2000e-003		0.0472	0.0472		0.0434	0.0434	0.0000	105.5866	105.5866	0.0342	0.0000	106.4403
Total	0.0818	0.8424	0.7663	1.2000e-003		0.0472	0.0472		0.0434	0.0434	0.0000	105.5866	105.5866	0.0342	0.0000	106.4403

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3.5 Building Construction - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0300e-003	0.1984	0.0495	5.1000e-004	0.0125	4.3000e-004	0.0129	3.6000e-003	4.1000e-004	4.0100e-003	0.0000	49.2494	49.2494	2.4200e-003	0.0000	49.3099
Worker	0.0291	0.0201	0.2130	7.0000e-004	0.0750	4.9000e-004	0.0755	0.0200	4.5000e-004	0.0204	0.0000	63.4257	63.4257	1.4200e-003	0.0000	63.4612
Total	0.0352	0.2185	0.2625	1.2100e-003	0.0875	9.2000e-004	0.0884	0.0236	8.6000e-004	0.0244	0.0000	112.6751	112.6751	3.8400e-003	0.0000	112.7712

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	0.0818	0.8424	0.7663	1.2000e-003		0.0472	0.0472		0.0434	0.0434	0.0000	105.5864	105.5864	0.0342	0.0000	106.4402
Total	0.0818	0.8424	0.7663	1.2000e-003		0.0472	0.0472		0.0434	0.0434	0.0000	105.5864	105.5864	0.0342	0.0000	106.4402

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3.5 Building Construction - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0300e-003	0.1984	0.0495	5.1000e-004	0.0125	4.3000e-004	0.0129	3.6000e-003	4.1000e-004	4.0100e-003	0.0000	49.2494	49.2494	2.4200e-003	0.0000	49.3099
Worker	0.0291	0.0201	0.2130	7.0000e-004	0.0750	4.9000e-004	0.0755	0.0200	4.5000e-004	0.0204	0.0000	63.4257	63.4257	1.4200e-003	0.0000	63.4612
Total	0.0352	0.2185	0.2625	1.2100e-003	0.0875	9.2000e-004	0.0884	0.0236	8.6000e-004	0.0244	0.0000	112.6751	112.6751	3.8400e-003	0.0000	112.7712

3.6 Paving - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0180	0.1679	0.1773	2.8000e-004		8.8400e-003	8.8400e-003		8.2100e-003	8.2100e-003	0.0000	23.4812	23.4812	6.8400e-003	0.0000	23.6522
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0180	0.1679	0.1773	2.8000e-004		8.8400e-003	8.8400e-003		8.2100e-003	8.2100e-003	0.0000	23.4812	23.4812	6.8400e-003	0.0000	23.6522

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3.6 Paving - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3800e-003	9.5000e-004	0.0101	3.0000e-005	3.5600e-003	2.0000e-005	3.5800e-003	9.5000e-004	2.0000e-005	9.7000e-004	0.0000	3.0060	3.0060	7.0000e-005	0.0000	3.0076
Total	1.3800e-003	9.5000e-004	0.0101	3.0000e-005	3.5600e-003	2.0000e-005	3.5800e-003	9.5000e-004	2.0000e-005	9.7000e-004	0.0000	3.0060	3.0060	7.0000e-005	0.0000	3.0076

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	0.0180	0.1679	0.1773	2.8000e-004		8.8400e-003	8.8400e-003		8.2100e-003	8.2100e-003	0.0000	23.4812	23.4812	6.8400e-003	0.0000	23.6521
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0180	0.1679	0.1773	2.8000e-004		8.8400e-003	8.8400e-003		8.2100e-003	8.2100e-003	0.0000	23.4812	23.4812	6.8400e-003	0.0000	23.6521

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3.6 Paving - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3800e-003	9.5000e-004	0.0101	3.0000e-005	3.5600e-003	2.0000e-005	3.5800e-003	9.5000e-004	2.0000e-005	9.7000e-004	0.0000	3.0060	3.0060	7.0000e-005	0.0000	3.0076
Total	1.3800e-003	9.5000e-004	0.0101	3.0000e-005	3.5600e-003	2.0000e-005	3.5800e-003	9.5000e-004	2.0000e-005	9.7000e-004	0.0000	3.0060	3.0060	7.0000e-005	0.0000	3.0076

3.6 Paving - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.2300e-003	0.0296	0.0352	6.0000e-005		1.4800e-003	1.4800e-003		1.3800e-003	1.3800e-003	0.0000	4.6984	4.6984	1.3700e-003	0.0000	4.7326
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.2300e-003	0.0296	0.0352	6.0000e-005		1.4800e-003	1.4800e-003		1.3800e-003	1.3800e-003	0.0000	4.6984	4.6984	1.3700e-003	0.0000	4.7326

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3.6 Paving - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	2.6000e-004	1.7000e-004	1.8600e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5792	0.5792	1.0000e-005	0.0000	0.5795
Total	2.6000e-004	1.7000e-004	1.8600e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5792	0.5792	1.0000e-005	0.0000	0.5795

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.2300e-003	0.0296	0.0352	6.0000e-005		1.4800e-003	1.4800e-003		1.3800e-003	1.3800e-003	0.0000	4.6984	4.6984	1.3700e-003	0.0000	4.7326
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.2300e-003	0.0296	0.0352	6.0000e-005		1.4800e-003	1.4800e-003		1.3800e-003	1.3800e-003	0.0000	4.6984	4.6984	1.3700e-003	0.0000	4.7326

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3.6 Paving - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	2.6000e-004	1.7000e-004	1.8600e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5792	0.5792	1.0000e-005	0.0000	0.5795
Total	2.6000e-004	1.7000e-004	1.8600e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5792	0.5792	1.0000e-005	0.0000	0.5795

3.7 Architectural Coating - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.7180					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.5700e-003	0.0458	0.0545	9.0000e-005		2.8200e-003	2.8200e-003		2.8200e-003	2.8200e-003	0.0000	7.6598	7.6598	5.3000e-004	0.0000	7.6729
Total	0.7245	0.0458	0.0545	9.0000e-005		2.8200e-003	2.8200e-003		2.8200e-003	2.8200e-003	0.0000	7.6598	7.6598	5.3000e-004	0.0000	7.6729

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3.7 Architectural Coating - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6600e-003	1.1400e-003	0.0121	4.0000e-005	4.2700e-003	3.0000e-005	4.2900e-003	1.1400e-003	3.0000e-005	1.1600e-003	0.0000	3.6072	3.6072	8.0000e-005	0.0000	3.6092
Total	1.6600e-003	1.1400e-003	0.0121	4.0000e-005	4.2700e-003	3.0000e-005	4.2900e-003	1.1400e-003	3.0000e-005	1.1600e-003	0.0000	3.6072	3.6072	8.0000e-005	0.0000	3.6092

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	0.7180					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.5700e-003	0.0458	0.0545	9.0000e-005		2.8200e-003	2.8200e-003		2.8200e-003	2.8200e-003	0.0000	7.6598	7.6598	5.3000e-004	0.0000	7.6729
Total	0.7245	0.0458	0.0545	9.0000e-005		2.8200e-003	2.8200e-003		2.8200e-003	2.8200e-003	0.0000	7.6598	7.6598	5.3000e-004	0.0000	7.6729

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3.7 Architectural Coating - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6600e-003	1.1400e-003	0.0121	4.0000e-005	4.2700e-003	3.0000e-005	4.2900e-003	1.1400e-003	3.0000e-005	1.1600e-003	0.0000	3.6072	3.6072	8.0000e-005	0.0000	3.6092
Total	1.6600e-003	1.1400e-003	0.0121	4.0000e-005	4.2700e-003	3.0000e-005	4.2900e-003	1.1400e-003	3.0000e-005	1.1600e-003	0.0000	3.6072	3.6072	8.0000e-005	0.0000	3.6092

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

Increase Density

Improve Destination Accessibility

Improve Pedestrian Network

Transit Subsidy

Implement Employee Parking CashOut

Workplace Parking Charge

Encourage Telecommuting and Alternative Work Schedules

Provide Ride Sharing Program

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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	0.1645	0.7768	1.6853	5.7100e-003	0.4837	5.2400e-003	0.4889	0.1298	4.9100e-003	0.1347	0.0000	524.2825	524.2825	0.0205	0.0000	524.7960
Unmitigated	0.1740	0.8462	1.9031	6.7000e-003	0.5762	6.1000e-003	0.5823	0.1547	5.7100e-003	0.1604	0.0000	615.1901	615.1901	0.0231	0.0000	615.7670

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartment Mid Rise	574.28	574.28	574.28	1,326,361	1,118,902
Enclosed Parking with Elevator	0.00	0.00	0.00		
Strip Mall	144.00	144.00	144.00	221,768	180,706
Total	718.28	718.28	718.28	1,548,129	1,299,608

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
Apartment Mid Rise	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3
Enclosed Parking with Elevator	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

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Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.576985	0.039376	0.193723	0.112069	0.016317	0.005358	0.017943	0.025814	0.002614	0.002274	0.005874	0.000887	0.000768
Enclosed Parking with Elevator	0.576985	0.039376	0.193723	0.112069	0.016317	0.005358	0.017943	0.025814	0.002614	0.002274	0.005874	0.000887	0.000768
Strip Mall	0.576985	0.039376	0.193723	0.112069	0.016317	0.005358	0.017943	0.025814	0.002614	0.002274	0.005874	0.000887	0.000768

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	105.8362	105.8362	9.3300e-003	1.9300e-003	106.6451
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	105.8362	105.8362	9.3300e-003	1.9300e-003	106.6451
NaturalGas Mitigated	4.7000e-003	0.0402	0.0175	2.6000e-004		3.2500e-003	3.2500e-003		3.2500e-003	3.2500e-003	0.0000	46.5482	46.5482	8.9000e-004	8.5000e-004	46.8248
NaturalGas Unmitigated	4.7000e-003	0.0402	0.0175	2.6000e-004		3.2500e-003	3.2500e-003		3.2500e-003	3.2500e-003	0.0000	46.5482	46.5482	8.9000e-004	8.5000e-004	46.8248

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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					
Apartments Mid Rise	855582	4.6100e-003	0.0394	0.0168	2.5000e-004		3.1900e-003	3.1900e-003		3.1900e-003	3.1900e-003	0.0000	45.6571	45.6571	8.8000e-004	8.4000e-004	45.9284
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
Strip Mall	16698	9.0000e-005	8.2000e-004	6.9000e-004	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.8911	0.8911	2.0000e-005	2.0000e-005	0.8964
Total		4.7000e-003	0.0402	0.0175	2.5000e-004		3.2500e-003	3.2500e-003		3.2500e-003	3.2500e-003	0.0000	46.5482	46.5482	9.0000e-004	8.6000e-004	46.8248

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					
Apartments Mid Rise	855582	4.6100e-003	0.0394	0.0168	2.5000e-004		3.1900e-003	3.1900e-003		3.1900e-003	3.1900e-003	0.0000	45.6571	45.6571	8.8000e-004	8.4000e-004	45.9284
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
Strip Mall	16698	9.0000e-005	8.2000e-004	6.9000e-004	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.8911	0.8911	2.0000e-005	2.0000e-005	0.8964
Total		4.7000e-003	0.0402	0.0175	2.5000e-004		3.2500e-003	3.2500e-003		3.2500e-003	3.2500e-003	0.0000	46.5482	46.5482	9.0000e-004	8.6000e-004	46.8248

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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			
Apartments Mid Rise	413755	61.7079	5.4400e-003	1.1300e-003	62.1795
Enclosed Parking with Elevator	257840	38.4546	3.3900e-003	7.0000e-004	38.7485
Strip Mall	38042.4	5.6737	5.0000e-004	1.0000e-004	5.7171
Total		105.8362	9.3300e-003	1.9300e-003	106.6451

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	413755	61.7079	5.4400e-003	1.1300e-003	62.1795
Enclosed Parking with Elevator	257840	38.4546	3.3900e-003	7.0000e-004	38.7485
Strip Mall	38042.4	5.6737	5.0000e-004	1.0000e-004	5.7171
Total		105.8362	9.3300e-003	1.9300e-003	106.6451

6.0 Area Detail

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6.1 Mitigation Measures Area

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	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	0.4941	0.0118	0.7309	6.0000e-005		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003	0.0000	5.1056	5.1056	1.2300e-003	7.0000e-005	5.1577
Unmitigated	0.7198	0.0136	1.0409	6.6000e-004		0.0485	0.0485		0.0485	0.0485	4.4678	3.0258	7.4936	8.3300e-003	2.9000e-004	7.7892

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6.2 Area by SubCategory**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0718					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.3998					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.2261	5.2000e-003	0.3114	6.2000e-004		0.0445	0.0445		0.0445	0.0445	4.4678	1.8351	6.3029	7.1800e-003	2.9000e-004	6.5698
Landscaping	0.0221	8.4100e-003	0.7295	4.0000e-005		4.0300e-003	4.0300e-003		4.0300e-003	4.0300e-003	0.0000	1.1907	1.1907	1.1500e-003	0.0000	1.2195
Total	0.7198	0.0136	1.0409	6.6000e-004		0.0486	0.0486		0.0486	0.0486	4.4678	3.0258	7.4936	8.3300e-003	2.9000e-004	7.7892

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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	0.0718					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.3998					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	4.0000e-004	3.3800e-003	1.4400e-003	2.0000e-005		2.7000e-004	2.7000e-004		2.7000e-004	2.7000e-004	0.0000	3.9150	3.9150	8.0000e-005	7.0000e-005	3.9382
Landscaping	0.0221	8.4100e-003	0.7295	4.0000e-005		4.0300e-003	4.0300e-003		4.0300e-003	4.0300e-003	0.0000	1.1907	1.1907	1.1500e-003	0.0000	1.2195
Total	0.4941	0.0118	0.7309	6.0000e-005		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003	0.0000	5.1056	5.1056	1.2300e-003	7.0000e-005	5.1577

7.0 Water Detail**7.1 Mitigation Measures Water**

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	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	9.6680	0.2175	5.2600e-003	16.6719
Unmitigated	9.6680	0.2175	5.2600e-003	16.6719

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	6.38509 / 4.02539	9.2797	0.2087	5.0500e-003	16.0006
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.268883 / 0.164799	0.3883	8.7900e-003	2.1000e-004	0.6713
Total		9.6680	0.2175	5.2600e-003	16.6719

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7.2 Water by Land Use**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	6.38509 / 4.02539	9.2797	0.2087	5.0500e-003	16.0006
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.268883 / 0.164799	0.3883	8.7900e-003	2.1000e-004	0.6713
Total		9.6680	0.2175	5.2600e-003	16.6719

8.0 Waste Detail

8.1 Mitigation Measures Waste

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Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	9.9242	0.5865	0.0000	24.5869
Unmitigated	9.9242	0.5865	0.0000	24.5869

8.2 Waste by Land Use**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	45.08	9.1508	0.5408	0.0000	22.6708
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	3.81	0.7734	0.0457	0.0000	1.9161
Total		9.9242	0.5865	0.0000	24.5869

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8.2 Waste by Land Use**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	45.08	9.1508	0.5408	0.0000	22.6708
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	3.81	0.7734	0.0457	0.0000	1.9161
Total		9.9242	0.5865	0.0000	24.5869

9.0 Operational Offroad

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

10.0 Stationary Equipment**Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
----------------	--------	-----------	------------	-------------	-------------	-----------

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
----------------	--------	----------------	-----------------	---------------	-----------

User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

200 Airport Boulevard Project - Bay Area AQMD Air District, Summer

200 Airport Boulevard Project

Bay Area AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Mid Rise	98.00	Dwelling Unit	0.55	98,000.00	280
Strip Mall	3.63	1000sqft	0.00	3,630.00	0
Enclosed Parking with Elevator	110.00	Space	0.00	44,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	64
Climate Zone	5			Operational Year	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	328.8	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

200 Airport Boulevard Project - Bay Area AQMD Air District, Summer

Project Characteristics - CO2 intensity factor based on 5-year average (2016-2020) per PG&E, 2015

Land Use - Lot acreage includes retail and residential uses. Total lot acreage is 0.55 acres.

Construction Phase - Construction of the proposed project is anticipated to occur over approximately 25 months, starting in March 2020 and ending in April 2022.

Grading - Approximately 408 net cubic yards would be exported from the project site to create a level pad.

Demolition - Construction of the proposed project would include the proposed project would involve the demolition of all existing structures and associated pavements on the project site, totaling approximately 15,100 square feet in size.

Vehicle Trips - Trip rates based on 200 Airport Boulevard Traffic Study

Construction Off-road Equipment Mitigation

Mobile Land Use Mitigation -

Mobile Commute Mitigation -

Area Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstructionPhase	NumDays	5.00	60.00
tblConstructionPhase	NumDays	100.00	250.00

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tblConstructionPhase	NumDays	10.00	60.00
tblConstructionPhase	NumDays	2.00	60.00
tblConstructionPhase	NumDays	5.00	60.00
tblConstructionPhase	NumDays	1.00	60.00
tblConstructionPhase	PhaseEndDate	8/19/2020	4/8/2021
tblConstructionPhase	PhaseEndDate	8/5/2020	10/22/2021
tblConstructionPhase	PhaseEndDate	3/13/2020	5/22/2020
tblConstructionPhase	PhaseEndDate	3/18/2020	11/6/2020
tblConstructionPhase	PhaseEndDate	8/12/2020	1/14/2022
tblConstructionPhase	PhaseEndDate	3/16/2020	8/14/2020
tblConstructionPhase	PhaseStartDate	8/13/2020	1/15/2021
tblConstructionPhase	PhaseStartDate	3/19/2020	11/7/2020
tblConstructionPhase	PhaseStartDate	3/17/2020	8/15/2020
tblConstructionPhase	PhaseStartDate	8/6/2020	10/23/2021
tblConstructionPhase	PhaseStartDate	3/14/2020	5/23/2020
tblGrading	AcresOfGrading	30.00	0.50
tblGrading	MaterialExported	0.00	408.00
tblLandUse	LotAcreage	2.58	0.55
tblLandUse	LotAcreage	0.08	0.00
tblLandUse	LotAcreage	0.99	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	328.8
tblVehicleTrips	ST_TR	6.39	5.86
tblVehicleTrips	ST_TR	42.04	39.67
tblVehicleTrips	SU_TR	20.43	39.67
tblVehicleTrips	WD_TR	6.65	5.86
tblVehicleTrips	WD_TR	44.32	39.67

200 Airport Boulevard Project - Bay Area AQMD Air District, Summer

2.0 Emissions Summary

200 Airport Boulevard Project - Bay Area AQMD Air District, Summer

2.1 Overall Construction (Maximum Daily Emission)**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	1.2428	11.0930	10.2915	0.0238	0.8612	0.5372	1.3984	0.4398	0.4946	0.8867	0.0000	2,366.751 5	2,366.751 5	0.4004	0.0000	2,376.761 0
2021	25.3292	11.5749	12.1727	0.0279	1.0090	0.5512	1.5603	0.2704	0.5148	0.7852	0.0000	2,760.105 5	2,760.105 5	0.4196	0.0000	2,770.596 7
2022	0.7008	5.9478	7.4422	0.0127	0.1479	0.2970	0.4449	0.0392	0.2767	0.3159	0.0000	1,173.145 7	1,173.145 7	0.3046	0.0000	1,180.760 4
Maximum	25.3292	11.5749	12.1727	0.0279	1.0090	0.5512	1.5603	0.4398	0.5148	0.8867	0.0000	2,760.105 5	2,760.105 5	0.4196	0.0000	2,770.596 7

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	1.2428	11.0930	10.2915	0.0238	0.8612	0.5372	1.3984	0.2312	0.4946	0.7258	0.0000	2,366.751 5	2,366.751 5	0.4004	0.0000	2,376.761 0
2021	25.3292	11.5749	12.1727	0.0279	1.0090	0.5512	1.5603	0.2704	0.5148	0.7852	0.0000	2,760.105 5	2,760.105 5	0.4196	0.0000	2,770.596 7
2022	0.7008	5.9478	7.4422	0.0127	0.1479	0.2970	0.4449	0.0392	0.2767	0.3159	0.0000	1,173.145 7	1,173.145 7	0.3046	0.0000	1,180.760 4
Maximum	25.3292	11.5749	12.1727	0.0279	1.0090	0.5512	1.5603	0.2704	0.5148	0.7852	0.0000	2,760.105 5	2,760.105 5	0.4196	0.0000	2,770.596 7

200 Airport Boulevard Project - Bay Area AQMD Air District, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.83	0.00	8.09	0.00	0.00	0.00	0.00	0.00	0.00

200 Airport Boulevard Project - Bay Area AQMD Air District, 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	43.1329	0.9845	61.3543	0.1030		7.6042	7.6042		7.6042	7.6042	820.3429	377.7595	1,198.1024	1.1367	0.0580	1,243.7993
Energy	0.0258	0.2205	0.0957	1.4100e-003		0.0178	0.0178		0.0178	0.0178		281.1540	281.1540	5.3900e-003	5.1500e-003	282.8247
Mobile	1.0986	4.5161	10.8175	0.0390	3.2890	0.0334	3.3225	0.8800	0.0313	0.9113		3,941.9785	3,941.9785	0.1402		3,945.4832
Total	44.2572	5.7211	72.2675	0.1434	3.2890	7.6555	10.9445	0.8800	7.6533	8.5333	820.3429	4,600.8919	5,421.2348	1.2823	0.0631	5,472.1072

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.9004	0.7004	8.3637	4.3000e-003		0.0938	0.0938		0.0938	0.0938	0.0000	789.3595	789.3595	0.0290	0.0142	794.3164
Energy	0.0258	0.2205	0.0957	1.4100e-003		0.0178	0.0178		0.0178	0.0178		281.1540	281.1540	5.3900e-003	5.1500e-003	282.8247
Mobile	1.0451	4.1571	9.4667	0.0332	2.7611	0.0287	2.7898	0.7387	0.0269	0.7656		3,358.5953	3,358.5953	0.1241		3,361.6983
Total	3.9713	5.0780	17.9261	0.0389	2.7611	0.1404	2.9014	0.7387	0.1385	0.8772	0.0000	4,429.1087	4,429.1087	0.1585	0.0194	4,438.8393

200 Airport Boulevard Project - Bay Area AQMD Air District, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	91.03	11.24	75.19	72.87	16.05	98.17	73.49	16.05	98.19	89.72	100.00	3.73	18.30	87.64	69.35	18.88

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	3/2/2020	5/22/2020	5	60	
2	Site Preparation	Site Preparation	5/23/2020	8/14/2020	5	60	
3	Grading	Grading	8/15/2020	11/6/2020	5	60	
4	Building Construction	Building Construction	11/7/2020	10/22/2021	5	250	
5	Paving	Paving	10/23/2021	1/14/2022	5	60	
6	Architectural Coating	Architectural Coating	1/15/2021	4/8/2021	5	60	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 198,450; Residential Outdoor: 66,150; Non-Residential Indoor: 5,445; Non-Residential Outdoor: 1,815; Striped Parking Area: 2,640 (Architectural Coating – sqft)

OffRoad Equipment

200 Airport Boulevard Project - Bay Area AQMD Air District, Summer

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

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	4	10.00	0.00	69.00	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	51.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	90.00	18.00	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	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

200 Airport Boulevard Project - Bay Area AQMD Air District, Summer

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2020**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					0.2477	0.0000	0.2477	0.0375	0.0000	0.0375			0.0000			0.0000
Off-Road	0.8674	7.8729	7.6226	0.0120		0.4672	0.4672		0.4457	0.4457		1,147.235 2	1,147.235 2	0.2169		1,152.657 8
Total	0.8674	7.8729	7.6226	0.0120	0.2477	0.4672	0.7149	0.0375	0.4457	0.4832		1,147.235 2	1,147.235 2	0.2169		1,152.657 8

200 Airport Boulevard Project - Bay Area AQMD Air District, Summer

3.2 Demolition - 2020**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	9.4900e-003	0.3294	0.0655	9.1000e-004	0.0201	1.0800e-003	0.0212	5.5100e-003	1.0300e-003	6.5400e-003		97.8401	97.8401	4.8900e-003		97.9625
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	0.0348	0.0210	0.2683	8.2000e-004	0.0822	5.3000e-004	0.0827	0.0218	4.9000e-004	0.0223		82.0777	82.0777	1.9800e-003		82.1271
Total	0.0443	0.3505	0.3338	1.7300e-003	0.1022	1.6100e-003	0.1039	0.0273	1.5200e-003	0.0288		179.9178	179.9178	6.8700e-003		180.0896

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					0.1115	0.0000	0.1115	0.0169	0.0000	0.0169			0.0000			0.0000
Off-Road	0.8674	7.8729	7.6226	0.0120		0.4672	0.4672		0.4457	0.4457	0.0000	1,147.2352	1,147.2352	0.2169		1,152.6578
Total	0.8674	7.8729	7.6226	0.0120	0.1115	0.4672	0.5787	0.0169	0.4457	0.4626	0.0000	1,147.2352	1,147.2352	0.2169		1,152.6578

200 Airport Boulevard Project - Bay Area AQMD Air District, Summer

3.2 Demolition - 2020**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	9.4900e-003	0.3294	0.0655	9.1000e-004	0.0201	1.0800e-003	0.0212	5.5100e-003	1.0300e-003	6.5400e-003		97.8401	97.8401	4.8900e-003		97.9625
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	0.0348	0.0210	0.2683	8.2000e-004	0.0822	5.3000e-004	0.0827	0.0218	4.9000e-004	0.0223		82.0777	82.0777	1.9800e-003		82.1271
Total	0.0443	0.3505	0.3338	1.7300e-003	0.1022	1.6100e-003	0.1039	0.0273	1.5200e-003	0.0288		179.9178	179.9178	6.8700e-003		180.0896

3.3 Site Preparation - 2020**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					8.8400e-003	0.0000	8.8400e-003	9.5000e-004	0.0000	9.5000e-004			0.0000			0.0000
Off-Road	0.6853	8.4307	4.0942	9.7400e-003		0.3353	0.3353		0.3085	0.3085		943.4872	943.4872	0.3051		951.1158
Total	0.6853	8.4307	4.0942	9.7400e-003	8.8400e-003	0.3353	0.3442	9.5000e-004	0.3085	0.3095		943.4872	943.4872	0.3051		951.1158

200 Airport Boulevard Project - Bay Area AQMD Air District, Summer

3.3 Site Preparation - 2020**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	0.0174	0.0105	0.1342	4.1000e-004	0.0411	2.7000e-004	0.0413	0.0109	2.5000e-004	0.0111		41.0388	41.0388	9.9000e-004		41.0636
Total	0.0174	0.0105	0.1342	4.1000e-004	0.0411	2.7000e-004	0.0413	0.0109	2.5000e-004	0.0111		41.0388	41.0388	9.9000e-004		41.0636

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					3.9800e-003	0.0000	3.9800e-003	4.3000e-004	0.0000	4.3000e-004			0.0000			0.0000
Off-Road	0.6853	8.4307	4.0942	9.7400e-003		0.3353	0.3353		0.3085	0.3085	0.0000	943.4872	943.4872	0.3051		951.1158
Total	0.6853	8.4307	4.0942	9.7400e-003	3.9800e-003	0.3353	0.3393	4.3000e-004	0.3085	0.3090	0.0000	943.4872	943.4872	0.3051		951.1158

200 Airport Boulevard Project - Bay Area AQMD Air District, Summer

3.3 Site Preparation - 2020**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	0.0174	0.0105	0.1342	4.1000e-004	0.0411	2.7000e-004	0.0413	0.0109	2.5000e-004	0.0111		41.0388	41.0388	9.9000e-004		41.0636
Total	0.0174	0.0105	0.1342	4.1000e-004	0.0411	2.7000e-004	0.0413	0.0109	2.5000e-004	0.0111		41.0388	41.0388	9.9000e-004		41.0636

3.4 Grading - 2020**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					0.7535	0.0000	0.7535	0.4139	0.0000	0.4139			0.0000			0.0000
Off-Road	0.8674	7.8729	7.6226	0.0120		0.4672	0.4672		0.4457	0.4457		1,147.2352	1,147.2352	0.2169		1,152.6578
Total	0.8674	7.8729	7.6226	0.0120	0.7535	0.4672	1.2207	0.4139	0.4457	0.8596		1,147.2352	1,147.2352	0.2169		1,152.6578

200 Airport Boulevard Project - Bay Area AQMD Air District, Summer

3.4 Grading - 2020**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	7.0100e-003	0.2435	0.0484	6.8000e-004	0.0149	8.0000e-004	0.0157	4.0700e-003	7.6000e-004	4.8300e-003		72.3166	72.3166	3.6200e-003		72.4070
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	0.0348	0.0210	0.2683	8.2000e-004	0.0822	5.3000e-004	0.0827	0.0218	4.9000e-004	0.0223		82.0777	82.0777	1.9800e-003		82.1271
Total	0.0418	0.2645	0.3167	1.5000e-003	0.0970	1.3300e-003	0.0983	0.0259	1.2500e-003	0.0271		154.3943	154.3943	5.6000e-003		154.5341

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					0.3391	0.0000	0.3391	0.1863	0.0000	0.1863			0.0000			0.0000
Off-Road	0.8674	7.8729	7.6226	0.0120		0.4672	0.4672		0.4457	0.4457	0.0000	1,147.2352	1,147.2352	0.2169		1,152.6578
Total	0.8674	7.8729	7.6226	0.0120	0.3391	0.4672	0.8063	0.1863	0.4457	0.6319	0.0000	1,147.2352	1,147.2352	0.2169		1,152.6578

200 Airport Boulevard Project - Bay Area AQMD Air District, Summer

3.4 Grading - 2020**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	7.0100e-003	0.2435	0.0484	6.8000e-004	0.0149	8.0000e-004	0.0157	4.0700e-003	7.6000e-004	4.8300e-003		72.3166	72.3166	3.6200e-003		72.4070
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	0.0348	0.0210	0.2683	8.2000e-004	0.0822	5.3000e-004	0.0827	0.0218	4.9000e-004	0.0223		82.0777	82.0777	1.9800e-003		82.1271
Total	0.0418	0.2645	0.3167	1.5000e-003	0.0970	1.3300e-003	0.0983	0.0259	1.2500e-003	0.0271		154.3943	154.3943	5.6000e-003		154.5341

3.5 Building Construction - 2020**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	0.8617	8.8523	7.3875	0.0114		0.5224	0.5224		0.4806	0.4806		1,102.978 1	1,102.978 1	0.3567		1,111.896 2
Total	0.8617	8.8523	7.3875	0.0114		0.5224	0.5224		0.4806	0.4806		1,102.978 1	1,102.978 1	0.3567		1,111.896 2

200 Airport Boulevard Project - Bay Area AQMD Air District, Summer

3.5 Building Construction - 2020**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	0.0682	2.0513	0.4893	4.9600e-003	0.1218	0.0101	0.1319	0.0351	9.6200e-003	0.0447		525.0745	525.0745	0.0259		525.7209
Worker	0.3128	0.1894	2.4147	7.4100e-003	0.7393	4.7900e-003	0.7441	0.1961	4.4100e-003	0.2005		738.6989	738.6989	0.0178		739.1439
Total	0.3811	2.2407	2.9041	0.0124	0.8612	0.0149	0.8760	0.2312	0.0140	0.2452		1,263.7734	1,263.7734	0.0437		1,264.8648

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	0.8617	8.8523	7.3875	0.0114		0.5224	0.5224		0.4806	0.4806	0.0000	1,102.9781	1,102.9781	0.3567		1,111.8962
Total	0.8617	8.8523	7.3875	0.0114		0.5224	0.5224		0.4806	0.4806	0.0000	1,102.9781	1,102.9781	0.3567		1,111.8962

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3.5 Building Construction - 2020**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	0.0682	2.0513	0.4893	4.9600e-003	0.1218	0.0101	0.1319	0.0351	9.6200e-003	0.0447		525.0745	525.0745	0.0259		525.7209
Worker	0.3128	0.1894	2.4147	7.4100e-003	0.7393	4.7900e-003	0.7441	0.1961	4.4100e-003	0.2005		738.6989	738.6989	0.0178		739.1439
Total	0.3811	2.2407	2.9041	0.0124	0.8612	0.0149	0.8760	0.2312	0.0140	0.2452		1,263.7734	1,263.7734	0.0437		1,264.8648

3.5 Building Construction - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117		1,103.2158	1,103.2158	0.3568		1,112.1358
Total	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117		1,103.2158	1,103.2158	0.3568		1,112.1358

200 Airport Boulevard Project - Bay Area AQMD Air District, Summer

3.5 Building Construction - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0558	1.8601	0.4386	4.9100e-003	0.1218	4.0300e-003	0.1259	0.0351	3.8500e-003	0.0389		520.1254	520.1254	0.0244		520.7357
Worker	0.2894	0.1691	2.2107	7.1500e-003	0.7393	4.6500e-003	0.7440	0.1961	4.2800e-003	0.2004		712.7636	712.7636	0.0159		713.1619
Total	0.3452	2.0293	2.6493	0.0121	0.8612	8.6800e-003	0.8699	0.2312	8.1300e-003	0.2393		1,232.8890	1,232.8890	0.0403		1,233.8976

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117	0.0000	1,103.2158	1,103.2158	0.3568		1,112.1358
Total	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117	0.0000	1,103.2158	1,103.2158	0.3568		1,112.1358

200 Airport Boulevard Project - Bay Area AQMD Air District, Summer

3.5 Building Construction - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0558	1.8601	0.4386	4.9100e-003	0.1218	4.0300e-003	0.1259	0.0351	3.8500e-003	0.0389		520.1254	520.1254	0.0244		520.7357
Worker	0.2894	0.1691	2.2107	7.1500e-003	0.7393	4.6500e-003	0.7440	0.1961	4.2800e-003	0.2004		712.7636	712.7636	0.0159		713.1619
Total	0.3452	2.0293	2.6493	0.0121	0.8612	8.6800e-003	0.8699	0.2312	8.1300e-003	0.2393		1,232.8890	1,232.8890	0.0403		1,233.8976

3.6 Paving - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286		1,035.3425	1,035.3425	0.3016		1,042.8818
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286		1,035.3425	1,035.3425	0.3016		1,042.8818

200 Airport Boulevard Project - Bay Area AQMD Air District, Summer

3.6 Paving - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0579	0.0338	0.4421	1.4300e-003	0.1479	9.3000e-004	0.1488	0.0392	8.6000e-004	0.0401		142.5527	142.5527	3.1900e-003		142.6324
Total	0.0579	0.0338	0.4421	1.4300e-003	0.1479	9.3000e-004	0.1488	0.0392	8.6000e-004	0.0401		142.5527	142.5527	3.1900e-003		142.6324

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286	0.0000	1,035.3425	1,035.3425	0.3016		1,042.8818
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286	0.0000	1,035.3425	1,035.3425	0.3016		1,042.8818

200 Airport Boulevard Project - Bay Area AQMD Air District, Summer

3.6 Paving - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0579	0.0338	0.4421	1.4300e-003	0.1479	9.3000e-004	0.1488	0.0392	8.6000e-004	0.0401		142.5527	142.5527	3.1900e-003		142.6324
Total	0.0579	0.0338	0.4421	1.4300e-003	0.1479	9.3000e-004	0.1488	0.0392	8.6000e-004	0.0401		142.5527	142.5527	3.1900e-003		142.6324

3.6 Paving - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6469	5.9174	7.0348	0.0113		0.2961	0.2961		0.2758	0.2758		1,035.8246	1,035.8246	0.3017		1,043.3677
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6469	5.9174	7.0348	0.0113		0.2961	0.2961		0.2758	0.2758		1,035.8246	1,035.8246	0.3017		1,043.3677

200 Airport Boulevard Project - Bay Area AQMD Air District, Summer

3.6 Paving - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0539	0.0303	0.4074	1.3800e-003	0.1479	9.1000e-004	0.1488	0.0392	8.4000e-004	0.0401		137.3212	137.3212	2.8600e-003		137.3927
Total	0.0539	0.0303	0.4074	1.3800e-003	0.1479	9.1000e-004	0.1488	0.0392	8.4000e-004	0.0401		137.3212	137.3212	2.8600e-003		137.3927

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	0.6469	5.9174	7.0348	0.0113		0.2961	0.2961		0.2758	0.2758	0.0000	1,035.8246	1,035.8246	0.3017		1,043.3677
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6469	5.9174	7.0348	0.0113		0.2961	0.2961		0.2758	0.2758	0.0000	1,035.8246	1,035.8246	0.3017		1,043.3677

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3.6 Paving - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0539	0.0303	0.4074	1.3800e-003	0.1479	9.1000e-004	0.1488	0.0392	8.4000e-004	0.0401		137.3212	137.3212	2.8600e-003		137.3927
Total	0.0539	0.0303	0.4074	1.3800e-003	0.1479	9.1000e-004	0.1488	0.0392	8.4000e-004	0.0401		137.3212	137.3212	2.8600e-003		137.3927

3.7 Architectural Coating - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9322					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	24.1511	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309

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3.7 Architectural Coating - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0579	0.0338	0.4421	1.4300e-003	0.1479	9.3000e-004	0.1488	0.0392	8.6000e-004	0.0401		142.5527	142.5527	3.1900e-003		142.6324
Total	0.0579	0.0338	0.4421	1.4300e-003	0.1479	9.3000e-004	0.1488	0.0392	8.6000e-004	0.0401		142.5527	142.5527	3.1900e-003		142.6324

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	23.9322					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
Total	24.1511	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309

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3.7 Architectural Coating - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0579	0.0338	0.4421	1.4300e-003	0.1479	9.3000e-004	0.1488	0.0392	8.6000e-004	0.0401		142.5527	142.5527	3.1900e-003		142.6324
Total	0.0579	0.0338	0.4421	1.4300e-003	0.1479	9.3000e-004	0.1488	0.0392	8.6000e-004	0.0401		142.5527	142.5527	3.1900e-003		142.6324

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

Increase Density

Improve Destination Accessibility

Improve Pedestrian Network

Transit Subsidy

Implement Employee Parking CashOut

Workplace Parking Charge

Encourage Telecommuting and Alternative Work Schedules

Provide Ride Sharing Program

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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	lb/day										lb/day					
Mitigated	1.0451	4.1571	9.4667	0.0332	2.7611	0.0287	2.7898	0.7387	0.0269	0.7656		3,358.595 3	3,358.595 3	0.1241		3,361.698 3
Unmitigated	1.0986	4.5161	10.8175	0.0390	3.2890	0.0334	3.3225	0.8800	0.0313	0.9113		3,941.978 5	3,941.978 5	0.1402		3,945.483 2

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	574.28	574.28	574.28	1,326,361	1,118,902
Enclosed Parking with Elevator	0.00	0.00	0.00		
Strip Mall	144.00	144.00	144.00	221,768	180,706
Total	718.28	718.28	718.28	1,548,129	1,299,608

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3
Enclosed Parking with Elevator	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

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Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.576985	0.039376	0.193723	0.112069	0.016317	0.005358	0.017943	0.025814	0.002614	0.002274	0.005874	0.000887	0.000768
Enclosed Parking with Elevator	0.576985	0.039376	0.193723	0.112069	0.016317	0.005358	0.017943	0.025814	0.002614	0.002274	0.005874	0.000887	0.000768
Strip Mall	0.576985	0.039376	0.193723	0.112069	0.016317	0.005358	0.017943	0.025814	0.002614	0.002274	0.005874	0.000887	0.000768

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	0.0258	0.2205	0.0957	1.4100e-003		0.0178	0.0178		0.0178	0.0178		281.1540	281.1540	5.3900e-003	5.1500e-003	282.8247
NaturalGas Unmitigated	0.0258	0.2205	0.0957	1.4100e-003		0.0178	0.0178		0.0178	0.0178		281.1540	281.1540	5.3900e-003	5.1500e-003	282.8247

200 Airport Boulevard Project - Bay Area AQMD Air District, 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					
Apartments Mid Rise	2344.06	0.0253	0.2160	0.0919	1.3800e-003		0.0175	0.0175		0.0175	0.0175		275.7718	275.7718	5.2900e-003	5.0600e-003	277.4106
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
Strip Mall	45.7479	4.9000e-004	4.4900e-003	3.7700e-003	3.0000e-005		3.4000e-004	3.4000e-004		3.4000e-004	3.4000e-004		5.3821	5.3821	1.0000e-004	1.0000e-004	5.4141
Total		0.0258	0.2205	0.0957	1.4100e-003		0.0178	0.0178		0.0178	0.0178		281.1540	281.1540	5.3900e-003	5.1600e-003	282.8247

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					
Apartments Mid Rise	2.34406	0.0253	0.2160	0.0919	1.3800e-003		0.0175	0.0175		0.0175	0.0175		275.7718	275.7718	5.2900e-003	5.0600e-003	277.4106
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
Strip Mall	0.0457479	4.9000e-004	4.4900e-003	3.7700e-003	3.0000e-005		3.4000e-004	3.4000e-004		3.4000e-004	3.4000e-004		5.3821	5.3821	1.0000e-004	1.0000e-004	5.4141
Total		0.0258	0.2205	0.0957	1.4100e-003		0.0178	0.0178		0.0178	0.0178		281.1540	281.1540	5.3900e-003	5.1600e-003	282.8247

6.0 Area Detail

200 Airport Boulevard Project - Bay Area AQMD Air District, Summer

6.1 Mitigation Measures Area

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.9004	0.7004	8.3637	4.3000e-003		0.0938	0.0938		0.0938	0.0938	0.0000	789.3595	789.3595	0.0290	0.0142	794.3164
Unmitigated	43.1329	0.9845	61.3543	0.1030		7.6042	7.6042		7.6042	7.6042	820.3429	377.7595	1,198.1024	1.1367	0.0580	1,243.7993

200 Airport Boulevard Project - Bay Area AQMD Air District, Summer

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	0.3934					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.1905					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	40.3035	0.8910	53.2489	0.1026		7.5595	7.5595		7.5595	7.5595	820.3429	363.1765	1,183.5194	1.1226	0.0580	1,228.8636
Landscaping	0.2456	0.0935	8.1055	4.3000e-004		0.0448	0.0448		0.0448	0.0448		14.5830	14.5830	0.0141		14.9358
Total	43.1329	0.9845	61.3543	0.1030		7.6042	7.6042		7.6042	7.6042	820.3429	377.7595	1,198.1024	1.1367	0.0580	1,243.7993

200 Airport Boulevard Project - Bay Area AQMD Air District, 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	0.3934					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.1905					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0710	0.6069	0.2583	3.8700e-003		0.0491	0.0491		0.0491	0.0491	0.0000	774.7765	774.7765	0.0149	0.0142	779.3806
Landscaping	0.2456	0.0935	8.1055	4.3000e-004		0.0448	0.0448		0.0448	0.0448		14.5830	14.5830	0.0141		14.9358
Total	2.9005	0.7004	8.3637	4.3000e-003		0.0938	0.0938		0.0938	0.0938	0.0000	789.3595	789.3595	0.0290	0.0142	794.3164

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

200 Airport Boulevard Project - Bay Area AQMD Air District, Summer

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

200 Airport Boulevard Project - Bay Area AQMD Air District, Winter

200 Airport Boulevard Project

Bay Area AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Mid Rise	98.00	Dwelling Unit	0.55	98,000.00	280
Strip Mall	3.63	1000sqft	0.00	3,630.00	0
Enclosed Parking with Elevator	110.00	Space	0.00	44,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	64
Climate Zone	5			Operational Year	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	328.8	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

200 Airport Boulevard Project - Bay Area AQMD Air District, Winter

Project Characteristics - CO2 intensity factor based on 5-year average (2016-2020) per PG&E, 2015

Land Use - Lot acreage includes retail and residential uses. Total lot acreage is 0.55 acres.

Construction Phase - Construction of the proposed project is anticipated to occur over approximately 25 months, starting in March 2020 and ending in April 2022.

Grading - Approximately 408 net cubic yards would be exported from the project site to create a level pad.

Demolition - Construction of the proposed project would include the proposed project would involve the demolition of all existing structures and associated pavements on the project site, totaling approximately 15,100 square feet in size.

Vehicle Trips - Trip rates based on 200 Airport Boulevard Traffic Study

Construction Off-road Equipment Mitigation

Mobile Land Use Mitigation -

Mobile Commute Mitigation -

Area Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstructionPhase	NumDays	5.00	60.00
tblConstructionPhase	NumDays	100.00	250.00

200 Airport Boulevard Project - Bay Area AQMD Air District, Winter

tblConstructionPhase	NumDays	10.00	60.00
tblConstructionPhase	NumDays	2.00	60.00
tblConstructionPhase	NumDays	5.00	60.00
tblConstructionPhase	NumDays	1.00	60.00
tblConstructionPhase	PhaseEndDate	8/19/2020	4/8/2021
tblConstructionPhase	PhaseEndDate	8/5/2020	10/22/2021
tblConstructionPhase	PhaseEndDate	3/13/2020	5/22/2020
tblConstructionPhase	PhaseEndDate	3/18/2020	11/6/2020
tblConstructionPhase	PhaseEndDate	8/12/2020	1/14/2022
tblConstructionPhase	PhaseEndDate	3/16/2020	8/14/2020
tblConstructionPhase	PhaseStartDate	8/13/2020	1/15/2021
tblConstructionPhase	PhaseStartDate	3/19/2020	11/7/2020
tblConstructionPhase	PhaseStartDate	3/17/2020	8/15/2020
tblConstructionPhase	PhaseStartDate	8/6/2020	10/23/2021
tblConstructionPhase	PhaseStartDate	3/14/2020	5/23/2020
tblGrading	AcresOfGrading	30.00	0.50
tblGrading	MaterialExported	0.00	408.00
tblLandUse	LotAcreage	2.58	0.55
tblLandUse	LotAcreage	0.08	0.00
tblLandUse	LotAcreage	0.99	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	328.8
tblVehicleTrips	ST_TR	6.39	5.86
tblVehicleTrips	ST_TR	42.04	39.67
tblVehicleTrips	SU_TR	20.43	39.67
tblVehicleTrips	WD_TR	6.65	5.86
tblVehicleTrips	WD_TR	44.32	39.67

200 Airport Boulevard Project - Bay Area AQMD Air District, Winter

2.0 Emissions Summary

200 Airport Boulevard Project - Bay Area AQMD Air District, Winter

2.1 Overall Construction (Maximum Daily Emission)**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	1.2644	11.1606	10.2151	0.0231	0.8612	0.5374	1.3986	0.4398	0.4948	0.8867	0.0000	2,295.226 0	2,295.226 0	0.4013	0.0000	2,305.259 4
2021	25.3531	11.6386	12.0674	0.0271	1.0090	0.5514	1.5604	0.2704	0.5150	0.7854	0.0000	2,679.492 3	2,679.492 3	0.4204	0.0000	2,690.001 1
2022	0.7042	5.9549	7.4144	0.0125	0.1479	0.2970	0.4449	0.0392	0.2767	0.3159	0.0000	1,162.327 1	1,162.327 1	0.3044	0.0000	1,169.936 8
Maximum	25.3531	11.6386	12.0674	0.0271	1.0090	0.5514	1.5604	0.4398	0.5150	0.8867	0.0000	2,679.492 3	2,679.492 3	0.4204	0.0000	2,690.001 1

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	1.2644	11.1606	10.2151	0.0231	0.8612	0.5374	1.3986	0.2312	0.4948	0.7259	0.0000	2,295.226 0	2,295.226 0	0.4013	0.0000	2,305.259 4
2021	25.3531	11.6386	12.0674	0.0271	1.0090	0.5514	1.5604	0.2704	0.5150	0.7854	0.0000	2,679.492 3	2,679.492 3	0.4204	0.0000	2,690.001 1
2022	0.7042	5.9549	7.4144	0.0125	0.1479	0.2970	0.4449	0.0392	0.2767	0.3159	0.0000	1,162.327 1	1,162.327 1	0.3044	0.0000	1,169.936 8
Maximum	25.3531	11.6386	12.0674	0.0271	1.0090	0.5514	1.5604	0.2704	0.5150	0.7854	0.0000	2,679.492 3	2,679.492 3	0.4204	0.0000	2,690.001 1

200 Airport Boulevard Project - Bay Area AQMD Air District, 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
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.83	0.00	8.09	0.00	0.00	0.00	0.00	0.00	0.00

200 Airport Boulevard Project - Bay Area AQMD Air District, 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	43.1329	0.9845	61.3543	0.1030		7.6042	7.6042		7.6042	7.6042	820.3429	377.7595	1,198.1024	1.1367	0.0580	1,243.7993
Energy	0.0258	0.2205	0.0957	1.4100e-003		0.0178	0.0178		0.0178	0.0178		281.1540	281.1540	5.3900e-003	5.1500e-003	282.8247
Mobile	0.9482	4.7269	10.9829	0.0365	3.2890	0.0337	3.3227	0.8800	0.0315	0.9115		3,690.0832	3,690.0832	0.1437		3,693.6759
Total	44.1069	5.9319	72.4329	0.1409	3.2890	7.6557	10.9448	0.8800	7.6536	8.5335	820.3429	4,348.9966	5,169.3396	1.2858	0.0631	5,220.3000

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.9004	0.7004	8.3637	4.3000e-003		0.0938	0.0938		0.0938	0.0938	0.0000	789.3595	789.3595	0.0290	0.0142	794.3164
Energy	0.0258	0.2205	0.0957	1.4100e-003		0.0178	0.0178		0.0178	0.0178		281.1540	281.1540	5.3900e-003	5.1500e-003	282.8247
Mobile	0.8955	4.3305	9.7812	0.0311	2.7611	0.0290	2.7900	0.7387	0.0271	0.7659		3,142.7853	3,142.7853	0.1284		3,145.9947
Total	3.8217	5.2514	18.2406	0.0368	2.7611	0.1406	2.9017	0.7387	0.1388	0.8775	0.0000	4,213.2987	4,213.2987	0.1627	0.0194	4,223.1357

200 Airport Boulevard Project - Bay Area AQMD Air District, 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
Percent Reduction	91.34	11.47	74.82	73.90	16.05	98.16	73.49	16.05	98.19	89.72	100.00	3.12	18.49	87.34	69.35	19.10

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	3/2/2020	5/22/2020	5	60	
2	Site Preparation	Site Preparation	5/23/2020	8/14/2020	5	60	
3	Grading	Grading	8/15/2020	11/6/2020	5	60	
4	Building Construction	Building Construction	11/7/2020	10/22/2021	5	250	
5	Paving	Paving	10/23/2021	1/14/2022	5	60	
6	Architectural Coating	Architectural Coating	1/15/2021	4/8/2021	5	60	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 198,450; Residential Outdoor: 66,150; Non-Residential Indoor: 5,445; Non-Residential Outdoor: 1,815; Striped Parking Area: 2,640 (Architectural Coating – sqft)

OffRoad Equipment

200 Airport Boulevard Project - Bay Area AQMD Air District, Winter

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

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	4	10.00	0.00	69.00	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	51.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	90.00	18.00	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	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

200 Airport Boulevard Project - Bay Area AQMD Air District, Winter

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2020**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					0.2477	0.0000	0.2477	0.0375	0.0000	0.0375			0.0000			0.0000
Off-Road	0.8674	7.8729	7.6226	0.0120		0.4672	0.4672		0.4457	0.4457		1,147.235 2	1,147.235 2	0.2169		1,152.657 8
Total	0.8674	7.8729	7.6226	0.0120	0.2477	0.4672	0.7149	0.0375	0.4457	0.4832		1,147.235 2	1,147.235 2	0.2169		1,152.657 8

200 Airport Boulevard Project - Bay Area AQMD Air District, Winter

3.2 Demolition - 2020**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	9.7500e-003	0.3375	0.0705	9.0000e-004	0.0201	1.1000e-003	0.0212	5.5100e-003	1.0500e-003	6.5500e-003		96.1968	96.1968	5.1400e-003		96.3253
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	0.0368	0.0260	0.2520	7.6000e-004	0.0822	5.3000e-004	0.0827	0.0218	4.9000e-004	0.0223		75.6065	75.6065	1.8500e-003		75.6528
Total	0.0465	0.3635	0.3225	1.6600e-003	0.1022	1.6300e-003	0.1039	0.0273	1.5400e-003	0.0288		171.8033	171.8033	6.9900e-003		171.9780

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					0.1115	0.0000	0.1115	0.0169	0.0000	0.0169			0.0000			0.0000
Off-Road	0.8674	7.8729	7.6226	0.0120		0.4672	0.4672		0.4457	0.4457	0.0000	1,147.2352	1,147.2352	0.2169		1,152.6578
Total	0.8674	7.8729	7.6226	0.0120	0.1115	0.4672	0.5787	0.0169	0.4457	0.4626	0.0000	1,147.2352	1,147.2352	0.2169		1,152.6578

200 Airport Boulevard Project - Bay Area AQMD Air District, Winter

3.2 Demolition - 2020**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	9.7500e-003	0.3375	0.0705	9.0000e-004	0.0201	1.1000e-003	0.0212	5.5100e-003	1.0500e-003	6.5500e-003		96.1968	96.1968	5.1400e-003		96.3253
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	0.0368	0.0260	0.2520	7.6000e-004	0.0822	5.3000e-004	0.0827	0.0218	4.9000e-004	0.0223		75.6065	75.6065	1.8500e-003		75.6528
Total	0.0465	0.3635	0.3225	1.6600e-003	0.1022	1.6300e-003	0.1039	0.0273	1.5400e-003	0.0288		171.8033	171.8033	6.9900e-003		171.9780

3.3 Site Preparation - 2020**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					8.8400e-003	0.0000	8.8400e-003	9.5000e-004	0.0000	9.5000e-004			0.0000			0.0000
Off-Road	0.6853	8.4307	4.0942	9.7400e-003		0.3353	0.3353		0.3085	0.3085		943.4872	943.4872	0.3051		951.1158
Total	0.6853	8.4307	4.0942	9.7400e-003	8.8400e-003	0.3353	0.3442	9.5000e-004	0.3085	0.3095		943.4872	943.4872	0.3051		951.1158

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3.3 Site Preparation - 2020**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	0.0184	0.0130	0.1260	3.8000e-004	0.0411	2.7000e-004	0.0413	0.0109	2.5000e-004	0.0111		37.8033	37.8033	9.2000e-004		37.8264
Total	0.0184	0.0130	0.1260	3.8000e-004	0.0411	2.7000e-004	0.0413	0.0109	2.5000e-004	0.0111		37.8033	37.8033	9.2000e-004		37.8264

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					3.9800e-003	0.0000	3.9800e-003	4.3000e-004	0.0000	4.3000e-004			0.0000			0.0000
Off-Road	0.6853	8.4307	4.0942	9.7400e-003		0.3353	0.3353		0.3085	0.3085	0.0000	943.4872	943.4872	0.3051		951.1158
Total	0.6853	8.4307	4.0942	9.7400e-003	3.9800e-003	0.3353	0.3393	4.3000e-004	0.3085	0.3090	0.0000	943.4872	943.4872	0.3051		951.1158

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3.3 Site Preparation - 2020**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	0.0184	0.0130	0.1260	3.8000e-004	0.0411	2.7000e-004	0.0413	0.0109	2.5000e-004	0.0111		37.8033	37.8033	9.2000e-004		37.8264
Total	0.0184	0.0130	0.1260	3.8000e-004	0.0411	2.7000e-004	0.0413	0.0109	2.5000e-004	0.0111		37.8033	37.8033	9.2000e-004		37.8264

3.4 Grading - 2020**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					0.7535	0.0000	0.7535	0.4139	0.0000	0.4139			0.0000			0.0000
Off-Road	0.8674	7.8729	7.6226	0.0120		0.4672	0.4672		0.4457	0.4457		1,147.2352	1,147.2352	0.2169		1,152.6578
Total	0.8674	7.8729	7.6226	0.0120	0.7535	0.4672	1.2207	0.4139	0.4457	0.8596		1,147.2352	1,147.2352	0.2169		1,152.6578

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3.4 Grading - 2020**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	7.2100e-003	0.2495	0.0521	6.6000e-004	0.0149	8.1000e-004	0.0157	4.0700e-003	7.7000e-004	4.8400e-003		71.1020	71.1020	3.8000e-003		71.1969
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	0.0368	0.0260	0.2520	7.6000e-004	0.0822	5.3000e-004	0.0827	0.0218	4.9000e-004	0.0223		75.6065	75.6065	1.8500e-003		75.6528
Total	0.0440	0.2755	0.3041	1.4200e-003	0.0970	1.3400e-003	0.0983	0.0259	1.2600e-003	0.0271		146.7085	146.7085	5.6500e-003		146.8497

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					0.3391	0.0000	0.3391	0.1863	0.0000	0.1863			0.0000			0.0000
Off-Road	0.8674	7.8729	7.6226	0.0120		0.4672	0.4672		0.4457	0.4457	0.0000	1,147.2352	1,147.2352	0.2169		1,152.6578
Total	0.8674	7.8729	7.6226	0.0120	0.3391	0.4672	0.8063	0.1863	0.4457	0.6319	0.0000	1,147.2352	1,147.2352	0.2169		1,152.6578

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3.4 Grading - 2020**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	7.2100e-003	0.2495	0.0521	6.6000e-004	0.0149	8.1000e-004	0.0157	4.0700e-003	7.7000e-004	4.8400e-003		71.1020	71.1020	3.8000e-003		71.1969
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	0.0368	0.0260	0.2520	7.6000e-004	0.0822	5.3000e-004	0.0827	0.0218	4.9000e-004	0.0223		75.6065	75.6065	1.8500e-003		75.6528
Total	0.0440	0.2755	0.3041	1.4200e-003	0.0970	1.3400e-003	0.0983	0.0259	1.2600e-003	0.0271		146.7085	146.7085	5.6500e-003		146.8497

3.5 Building Construction - 2020**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	0.8617	8.8523	7.3875	0.0114		0.5224	0.5224		0.4806	0.4806		1,102.978 1	1,102.978 1	0.3567		1,111.896 2
Total	0.8617	8.8523	7.3875	0.0114		0.5224	0.5224		0.4806	0.4806		1,102.978 1	1,102.978 1	0.3567		1,111.896 2

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3.5 Building Construction - 2020**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	0.0718	2.0743	0.5598	4.8300e-003	0.1218	0.0102	0.1321	0.0351	9.7800e-003	0.0449		511.7890	511.7890	0.0280		512.4882
Worker	0.3309	0.2340	2.2679	6.8300e-003	0.7393	4.7900e-003	0.7441	0.1961	4.4100e-003	0.2005		680.4589	680.4589	0.0166		680.8750
Total	0.4027	2.3083	2.8277	0.0117	0.8612	0.0150	0.8762	0.2312	0.0142	0.2454		1,192.2479	1,192.2479	0.0446		1,193.3632

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	0.8617	8.8523	7.3875	0.0114		0.5224	0.5224		0.4806	0.4806	0.0000	1,102.9781	1,102.9781	0.3567		1,111.8962
Total	0.8617	8.8523	7.3875	0.0114		0.5224	0.5224		0.4806	0.4806	0.0000	1,102.9781	1,102.9781	0.3567		1,111.8962

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3.5 Building Construction - 2020**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	0.0718	2.0743	0.5598	4.8300e-003	0.1218	0.0102	0.1321	0.0351	9.7800e-003	0.0449		511.7890	511.7890	0.0280		512.4882
Worker	0.3309	0.2340	2.2679	6.8300e-003	0.7393	4.7900e-003	0.7441	0.1961	4.4100e-003	0.2005		680.4589	680.4589	0.0166		680.8750
Total	0.4027	2.3083	2.8277	0.0117	0.8612	0.0150	0.8762	0.2312	0.0142	0.2454		1,192.2479	1,192.2479	0.0446		1,193.3632

3.5 Building Construction - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117		1,103.2158	1,103.2158	0.3568		1,112.1358
Total	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117		1,103.2158	1,103.2158	0.3568		1,112.1358

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3.5 Building Construction - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0591	1.8761	0.5042	4.7900e-003	0.1218	4.1700e-003	0.1260	0.0351	3.9900e-003	0.0391		506.9289	506.9289	0.0264		507.5891
Worker	0.3066	0.2089	2.0683	6.5900e-003	0.7393	4.6500e-003	0.7440	0.1961	4.2800e-003	0.2004		656.5830	656.5830	0.0149		656.9544
Total	0.3657	2.0850	2.5725	0.0114	0.8612	8.8200e-003	0.8700	0.2312	8.2700e-003	0.2395		1,163.5118	1,163.5118	0.0413		1,164.5435

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117	0.0000	1,103.2158	1,103.2158	0.3568		1,112.1358
Total	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117	0.0000	1,103.2158	1,103.2158	0.3568		1,112.1358

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3.5 Building Construction - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0591	1.8761	0.5042	4.7900e-003	0.1218	4.1700e-003	0.1260	0.0351	3.9900e-003	0.0391		506.9289	506.9289	0.0264		507.5891
Worker	0.3066	0.2089	2.0683	6.5900e-003	0.7393	4.6500e-003	0.7440	0.1961	4.2800e-003	0.2004		656.5830	656.5830	0.0149		656.9544
Total	0.3657	2.0850	2.5725	0.0114	0.8612	8.8200e-003	0.8700	0.2312	8.2700e-003	0.2395		1,163.5118	1,163.5118	0.0413		1,164.5435

3.6 Paving - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286		1,035.3425	1,035.3425	0.3016		1,042.8818
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286		1,035.3425	1,035.3425	0.3016		1,042.8818

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3.6 Paving - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0613	0.0418	0.4137	1.3200e-003	0.1479	9.3000e-004	0.1488	0.0392	8.6000e-004	0.0401		131.3166	131.3166	2.9700e-003		131.3909
Total	0.0613	0.0418	0.4137	1.3200e-003	0.1479	9.3000e-004	0.1488	0.0392	8.6000e-004	0.0401		131.3166	131.3166	2.9700e-003		131.3909

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286	0.0000	1,035.3425	1,035.3425	0.3016		1,042.8818
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286	0.0000	1,035.3425	1,035.3425	0.3016		1,042.8818

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3.6 Paving - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0613	0.0418	0.4137	1.3200e-003	0.1479	9.3000e-004	0.1488	0.0392	8.6000e-004	0.0401		131.3166	131.3166	2.9700e-003		131.3909
Total	0.0613	0.0418	0.4137	1.3200e-003	0.1479	9.3000e-004	0.1488	0.0392	8.6000e-004	0.0401		131.3166	131.3166	2.9700e-003		131.3909

3.6 Paving - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6469	5.9174	7.0348	0.0113		0.2961	0.2961		0.2758	0.2758		1,035.8246	1,035.8246	0.3017		1,043.3677
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6469	5.9174	7.0348	0.0113		0.2961	0.2961		0.2758	0.2758		1,035.8246	1,035.8246	0.3017		1,043.3677

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3.6 Paving - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0572	0.0375	0.3796	1.2700e-003	0.1479	9.1000e-004	0.1488	0.0392	8.4000e-004	0.0401		126.5026	126.5026	2.6600e-003		126.5691
Total	0.0572	0.0375	0.3796	1.2700e-003	0.1479	9.1000e-004	0.1488	0.0392	8.4000e-004	0.0401		126.5026	126.5026	2.6600e-003		126.5691

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	0.6469	5.9174	7.0348	0.0113		0.2961	0.2961		0.2758	0.2758	0.0000	1,035.8246	1,035.8246	0.3017		1,043.3677
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6469	5.9174	7.0348	0.0113		0.2961	0.2961		0.2758	0.2758	0.0000	1,035.8246	1,035.8246	0.3017		1,043.3677

200 Airport Boulevard Project - Bay Area AQMD Air District, Winter

3.6 Paving - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0572	0.0375	0.3796	1.2700e-003	0.1479	9.1000e-004	0.1488	0.0392	8.4000e-004	0.0401		126.5026	126.5026	2.6600e-003		126.5691
Total	0.0572	0.0375	0.3796	1.2700e-003	0.1479	9.1000e-004	0.1488	0.0392	8.4000e-004	0.0401		126.5026	126.5026	2.6600e-003		126.5691

3.7 Architectural Coating - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9322					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	24.1511	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309

200 Airport Boulevard Project - Bay Area AQMD Air District, Winter

3.7 Architectural Coating - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0613	0.0418	0.4137	1.3200e-003	0.1479	9.3000e-004	0.1488	0.0392	8.6000e-004	0.0401		131.3166	131.3166	2.9700e-003		131.3909
Total	0.0613	0.0418	0.4137	1.3200e-003	0.1479	9.3000e-004	0.1488	0.0392	8.6000e-004	0.0401		131.3166	131.3166	2.9700e-003		131.3909

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	23.9322					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
Total	24.1511	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309

200 Airport Boulevard Project - Bay Area AQMD Air District, Winter

3.7 Architectural Coating - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0613	0.0418	0.4137	1.3200e-003	0.1479	9.3000e-004	0.1488	0.0392	8.6000e-004	0.0401		131.3166	131.3166	2.9700e-003		131.3909
Total	0.0613	0.0418	0.4137	1.3200e-003	0.1479	9.3000e-004	0.1488	0.0392	8.6000e-004	0.0401		131.3166	131.3166	2.9700e-003		131.3909

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

Increase Density

Improve Destination Accessibility

Improve Pedestrian Network

Transit Subsidy

Implement Employee Parking CashOut

Workplace Parking Charge

Encourage Telecommuting and Alternative Work Schedules

Provide Ride Sharing Program

200 Airport Boulevard Project - Bay Area AQMD Air District, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.8955	4.3305	9.7812	0.0311	2.7611	0.0290	2.7900	0.7387	0.0271	0.7659		3,142.785 3	3,142.785 3	0.1284		3,145.994 7
Unmitigated	0.9482	4.7269	10.9829	0.0365	3.2890	0.0337	3.3227	0.8800	0.0315	0.9115		3,690.083 2	3,690.083 2	0.1437		3,693.675 9

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	574.28	574.28	574.28	1,326,361	1,118,902
Enclosed Parking with Elevator	0.00	0.00	0.00		
Strip Mall	144.00	144.00	144.00	221,768	180,706
Total	718.28	718.28	718.28	1,548,129	1,299,608

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3
Enclosed Parking with Elevator	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

200 Airport Boulevard Project - Bay Area AQMD Air District, Winter

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.576985	0.039376	0.193723	0.112069	0.016317	0.005358	0.017943	0.025814	0.002614	0.002274	0.005874	0.000887	0.000768
Enclosed Parking with Elevator	0.576985	0.039376	0.193723	0.112069	0.016317	0.005358	0.017943	0.025814	0.002614	0.002274	0.005874	0.000887	0.000768
Strip Mall	0.576985	0.039376	0.193723	0.112069	0.016317	0.005358	0.017943	0.025814	0.002614	0.002274	0.005874	0.000887	0.000768

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	0.0258	0.2205	0.0957	1.4100e-003		0.0178	0.0178		0.0178	0.0178		281.1540	281.1540	5.3900e-003	5.1500e-003	282.8247
NaturalGas Unmitigated	0.0258	0.2205	0.0957	1.4100e-003		0.0178	0.0178		0.0178	0.0178		281.1540	281.1540	5.3900e-003	5.1500e-003	282.8247

200 Airport Boulevard Project - Bay Area AQMD Air District, 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					
Apartments Mid Rise	2344.06	0.0253	0.2160	0.0919	1.3800e-003		0.0175	0.0175		0.0175	0.0175		275.7718	275.7718	5.2900e-003	5.0600e-003	277.4106
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
Strip Mall	45.7479	4.9000e-004	4.4900e-003	3.7700e-003	3.0000e-005		3.4000e-004	3.4000e-004		3.4000e-004	3.4000e-004		5.3821	5.3821	1.0000e-004	1.0000e-004	5.4141
Total		0.0258	0.2205	0.0957	1.4100e-003		0.0178	0.0178		0.0178	0.0178		281.1540	281.1540	5.3900e-003	5.1600e-003	282.8247

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					
Apartments Mid Rise	2.34406	0.0253	0.2160	0.0919	1.3800e-003		0.0175	0.0175		0.0175	0.0175		275.7718	275.7718	5.2900e-003	5.0600e-003	277.4106
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
Strip Mall	0.0457479	4.9000e-004	4.4900e-003	3.7700e-003	3.0000e-005		3.4000e-004	3.4000e-004		3.4000e-004	3.4000e-004		5.3821	5.3821	1.0000e-004	1.0000e-004	5.4141
Total		0.0258	0.2205	0.0957	1.4100e-003		0.0178	0.0178		0.0178	0.0178		281.1540	281.1540	5.3900e-003	5.1600e-003	282.8247

6.0 Area Detail

200 Airport Boulevard Project - Bay Area AQMD Air District, Winter

6.1 Mitigation Measures Area

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.9004	0.7004	8.3637	4.3000e-003		0.0938	0.0938		0.0938	0.0938	0.0000	789.3595	789.3595	0.0290	0.0142	794.3164
Unmitigated	43.1329	0.9845	61.3543	0.1030		7.6042	7.6042		7.6042	7.6042	820.3429	377.7595	1,198.1024	1.1367	0.0580	1,243.7993

200 Airport Boulevard Project - Bay Area AQMD Air District, Winter

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	0.3934					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.1905					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	40.3035	0.8910	53.2489	0.1026		7.5595	7.5595		7.5595	7.5595	820.3429	363.1765	1,183.5194	1.1226	0.0580	1,228.8636
Landscaping	0.2456	0.0935	8.1055	4.3000e-004		0.0448	0.0448		0.0448	0.0448		14.5830	14.5830	0.0141		14.9358
Total	43.1329	0.9845	61.3543	0.1030		7.6042	7.6042		7.6042	7.6042	820.3429	377.7595	1,198.1024	1.1367	0.0580	1,243.7993

200 Airport Boulevard Project - Bay Area AQMD Air District, 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	0.3934					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.1905					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0710	0.6069	0.2583	3.8700e-003		0.0491	0.0491		0.0491	0.0491	0.0000	774.7765	774.7765	0.0149	0.0142	779.3806
Landscaping	0.2456	0.0935	8.1055	4.3000e-004		0.0448	0.0448		0.0448	0.0448		14.5830	14.5830	0.0141		14.9358
Total	2.9005	0.7004	8.3637	4.3000e-003		0.0938	0.0938		0.0938	0.0938	0.0000	789.3595	789.3595	0.0290	0.0142	794.3164

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

200 Airport Boulevard Project - Bay Area AQMD Air District, Winter

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

200 Airport Boulevard Project - Bay Area AQMD Air District, Annual

200 Airport Boulevard Project

Bay Area AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	110.00	Space	0.00	44,000.00	0
Apartments Mid Rise	98.00	Dwelling Unit	0.55	98,000.00	280
Strip Mall	3.63	1000sqft	0.00	3,630.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	64
Climate Zone	5			Operational Year	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	328.8	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

200 Airport Boulevard Project - Bay Area AQMD Air District, Annual

Project Characteristics - CO2 intensity factor based on 5-year average (2016-2020) per PG&E, 2015

Land Use - Lot acreage includes retail and residential uses. Total lot acreage is 0.55 acres.

Construction Phase - Construction of the proposed project is anticipated to occur over approximately 25 months, starting in March 2020 and ending in April 2022.

Demolition - Construction of the proposed project would include the proposed project would involve the demolition of all existing structures and associated pavements on the project site, totaling approximately 15,100 square feet in size.

Grading - Approximately 408 net cubic yards would be exported from the project site to create a level pad.

Vehicle Trips - Trip rates based on 200 Airport Boulevard Traffic Study

Construction Off-road Equipment Mitigation - Assuming tier 2 construction equipment with level 3 diesel particulate filters

Mobile Land Use Mitigation -

Mobile Commute Mitigation -

Area Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00

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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
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tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
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tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstructionPhase	NumDays	5.00	60.00
tblConstructionPhase	NumDays	100.00	250.00
tblConstructionPhase	NumDays	10.00	60.00
tblConstructionPhase	NumDays	2.00	60.00
tblConstructionPhase	NumDays	5.00	60.00
tblConstructionPhase	NumDays	1.00	60.00
tblGrading	AcresOfGrading	30.00	0.50
tblGrading	MaterialExported	0.00	408.00
tblLandUse	LotAcreage	0.99	0.00

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tblLandUse	LotAcreage	2.58	0.55
tblLandUse	LotAcreage	0.08	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	328.8
tblVehicleTrips	ST_TR	6.39	5.86
tblVehicleTrips	ST_TR	42.04	39.67
tblVehicleTrips	SU_TR	20.43	39.67
tblVehicleTrips	WD_TR	6.65	5.86
tblVehicleTrips	WD_TR	44.32	39.67

2.0 Emissions Summary

200 Airport Boulevard Project - Bay Area AQMD Air District, Annual

2.1 Overall Construction**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.0996	0.9619	0.7995	1.5700e-003	0.0534	0.0487	0.1021	0.0198	0.0457	0.0655	0.0000	138.7643	138.7643	0.0276	0.0000	139.4531
2021	0.8625	1.2767	1.2828	2.8600e-003	0.0953	0.0599	0.1552	0.0256	0.0554	0.0810	0.0000	256.0157	256.0157	0.0455	0.0000	257.1533
2022	3.4900e-003	0.0298	0.0370	6.0000e-005	7.1000e-004	1.4800e-003	2.2000e-003	1.9000e-004	1.3800e-003	1.5700e-003	0.0000	5.2776	5.2776	1.3800e-003	0.0000	5.3121
Maximum	0.8625	1.2767	1.2828	2.8600e-003	0.0953	0.0599	0.1552	0.0256	0.0554	0.0810	0.0000	256.0157	256.0157	0.0455	0.0000	257.1533

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.0576	1.1533	0.8825	1.5700e-003	0.0368	6.2100e-003	0.0430	0.0123	6.1900e-003	0.0185	0.0000	138.7642	138.7642	0.0276	0.0000	139.4530
2021	0.8191	1.6295	1.3523	2.8600e-003	0.0953	8.6400e-003	0.1040	0.0256	8.5800e-003	0.0342	0.0000	256.0155	256.0155	0.0455	0.0000	257.1532
2022	2.2300e-003	0.0420	0.0364	6.0000e-005	7.1000e-004	2.3000e-004	9.4000e-004	1.9000e-004	2.3000e-004	4.2000e-004	0.0000	5.2776	5.2776	1.3800e-003	0.0000	5.3121
Maximum	0.8191	1.6295	1.3523	2.8600e-003	0.0953	8.6400e-003	0.1040	0.0256	8.5800e-003	0.0342	0.0000	256.0155	256.0155	0.0455	0.0000	257.1532

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	8.97	-24.53	-7.17	0.00	11.15	86.29	43.01	16.36	85.37	64.11	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	3-2-2020	6-1-2020	0.3003	0.3615
2	6-2-2020	9-1-2020	0.2998	0.3084
3	9-2-2020	12-1-2020	0.3244	0.3871
4	12-2-2020	3-1-2021	0.7969	0.8761
5	3-2-2021	6-1-2021	0.7165	0.8056
6	6-2-2021	9-1-2021	0.3658	0.4451
7	9-2-2021	12-1-2021	0.3112	0.3741
8	12-2-2021	3-1-2022	0.1141	0.1394
		Highest	0.7969	0.8761

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2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.7198	0.0136	1.0409	6.6000e-004		0.0485	0.0485		0.0485	0.0485	4.4678	3.0258	7.4936	8.3300e-003	2.9000e-004	7.7892
Energy	4.7000e-003	0.0402	0.0175	2.6000e-004		3.2500e-003	3.2500e-003		3.2500e-003	3.2500e-003	0.0000	152.3844	152.3844	0.0102	2.7800e-003	153.4699
Mobile	0.1740	0.8462	1.9031	6.7000e-003	0.5762	6.1000e-003	0.5823	0.1547	5.7100e-003	0.1604	0.0000	615.1901	615.1901	0.0231	0.0000	615.7670
Waste						0.0000	0.0000		0.0000	0.0000	9.9242	0.0000	9.9242	0.5865	0.0000	24.5869
Water						0.0000	0.0000		0.0000	0.0000	2.1110	7.5570	9.6680	0.2175	5.2600e-003	16.6719
Total	0.8985	0.9000	2.9614	7.6200e-003	0.5762	0.0579	0.6341	0.1547	0.0575	0.2122	16.5030	778.1573	794.6603	0.8456	8.3300e-003	818.2848

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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	0.4941	0.0118	0.7309	6.0000e-005		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003	0.0000	5.1056	5.1056	1.2300e-003	7.0000e-005	5.1577
Energy	4.7000e-003	0.0402	0.0175	2.6000e-004		3.2500e-003	3.2500e-003		3.2500e-003	3.2500e-003	0.0000	152.3844	152.3844	0.0102	2.7800e-003	153.4699
Mobile	0.1645	0.7768	1.6853	5.7100e-003	0.4837	5.2400e-003	0.4889	0.1298	4.9100e-003	0.1347	0.0000	524.2825	524.2825	0.0205	0.0000	524.7960
Waste						0.0000	0.0000		0.0000	0.0000	9.9242	0.0000	9.9242	0.5865	0.0000	24.5869
Water						0.0000	0.0000		0.0000	0.0000	2.1110	7.5570	9.6680	0.2175	5.2600e-003	16.6719
Total	0.6633	0.8288	2.4337	6.0300e-003	0.4837	0.0128	0.4965	0.1298	0.0125	0.1423	12.0352	689.3295	701.3647	0.8360	8.1100e-003	724.6823

	ROG	NOx	CO	SO2	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	26.18	7.91	17.82	20.87	16.05	77.91	21.70	16.06	78.33	32.93	27.07	11.42	11.74	1.14	2.64	11.44

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	3/2/2020	5/22/2020	5	60	
2	Site Preparation	Site Preparation	5/23/2020	8/14/2020	5	60	
3	Grading	Grading	8/15/2020	11/6/2020	5	60	
4	Building Construction	Building Construction	11/7/2020	10/22/2021	5	250	
5	Architectural Coating	Architectural Coating	1/15/2021	4/8/2021	5	60	
6	Paving	Paving	10/23/2021	1/14/2022	5	60	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 198,450; Residential Outdoor: 66,150; Non-Residential Indoor: 5,445; Non-Residential Outdoor: 1,815; Striped Parking Area: 2,640 (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	69.00	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	51.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	90.00	18.00	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	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

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3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use DPF for Construction Equipment

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					7.4300e-003	0.0000	7.4300e-003	1.1300e-003	0.0000	1.1300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0260	0.2362	0.2287	3.6000e-004		0.0140	0.0140		0.0134	0.0134	0.0000	31.2226	31.2226	5.9000e-003	0.0000	31.3702
Total	0.0260	0.2362	0.2287	3.6000e-004	7.4300e-003	0.0140	0.0215	1.1300e-003	0.0134	0.0145	0.0000	31.2226	31.2226	5.9000e-003	0.0000	31.3702

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3.2 Demolition - 2020**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	2.9000e-004	0.0101	2.0300e-003	3.0000e-005	5.8000e-004	3.0000e-005	6.2000e-004	1.6000e-004	3.0000e-005	1.9000e-004	0.0000	2.6440	2.6440	1.4000e-004	0.0000	2.6474
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	9.9000e-004	7.1000e-004	7.3700e-003	2.0000e-005	2.3700e-003	2.0000e-005	2.3900e-003	6.3000e-004	1.0000e-005	6.5000e-004	0.0000	2.0768	2.0768	5.0000e-005	0.0000	2.0781
Total	1.2800e-003	0.0108	9.4000e-003	5.0000e-005	2.9500e-003	5.0000e-005	3.0100e-003	7.9000e-004	4.0000e-005	8.4000e-004	0.0000	4.7208	4.7208	1.9000e-004	0.0000	4.7255

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					3.3400e-003	0.0000	3.3400e-003	5.1000e-004	0.0000	5.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0145	0.3110	0.2381	3.6000e-004		1.8100e-003	1.8100e-003		1.8100e-003	1.8100e-003	0.0000	31.2226	31.2226	5.9000e-003	0.0000	31.3702
Total	0.0145	0.3110	0.2381	3.6000e-004	3.3400e-003	1.8100e-003	5.1500e-003	5.1000e-004	1.8100e-003	2.3200e-003	0.0000	31.2226	31.2226	5.9000e-003	0.0000	31.3702

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3.2 Demolition - 2020**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	2.9000e-004	0.0101	2.0300e-003	3.0000e-005	5.8000e-004	3.0000e-005	6.2000e-004	1.6000e-004	3.0000e-005	1.9000e-004	0.0000	2.6440	2.6440	1.4000e-004	0.0000	2.6474
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	9.9000e-004	7.1000e-004	7.3700e-003	2.0000e-005	2.3700e-003	2.0000e-005	2.3900e-003	6.3000e-004	1.0000e-005	6.5000e-004	0.0000	2.0768	2.0768	5.0000e-005	0.0000	2.0781
Total	1.2800e-003	0.0108	9.4000e-003	5.0000e-005	2.9500e-003	5.0000e-005	3.0100e-003	7.9000e-004	4.0000e-005	8.4000e-004	0.0000	4.7208	4.7208	1.9000e-004	0.0000	4.7255

3.3 Site Preparation - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.7000e-004	0.0000	2.7000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0206	0.2529	0.1228	2.9000e-004		0.0101	0.0101		9.2600e-003	9.2600e-003	0.0000	25.6775	25.6775	8.3000e-003	0.0000	25.8851
Total	0.0206	0.2529	0.1228	2.9000e-004	2.7000e-004	0.0101	0.0103	3.0000e-005	9.2600e-003	9.2900e-003	0.0000	25.6775	25.6775	8.3000e-003	0.0000	25.8851

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3.3 Site Preparation - 2020**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	5.0000e-004	3.6000e-004	3.6800e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.1900e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0384	1.0384	3.0000e-005	0.0000	1.0391
Total	5.0000e-004	3.6000e-004	3.6800e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.1900e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0384	1.0384	3.0000e-005	0.0000	1.0391

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					1.2000e-004	0.0000	1.2000e-004	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.2400e-003	0.2586	0.1757	2.9000e-004		1.0800e-003	1.0800e-003		1.0800e-003	1.0800e-003	0.0000	25.6775	25.6775	8.3000e-003	0.0000	25.8851
Total	9.2400e-003	0.2586	0.1757	2.9000e-004	1.2000e-004	1.0800e-003	1.2000e-003	1.0000e-005	1.0800e-003	1.0900e-003	0.0000	25.6775	25.6775	8.3000e-003	0.0000	25.8851

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3.3 Site Preparation - 2020**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	5.0000e-004	3.6000e-004	3.6800e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.1900e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0384	1.0384	3.0000e-005	0.0000	1.0391
Total	5.0000e-004	3.6000e-004	3.6800e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.1900e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0384	1.0384	3.0000e-005	0.0000	1.0391

3.4 Grading - 2020**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					0.0226	0.0000	0.0226	0.0124	0.0000	0.0124	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0260	0.2362	0.2287	3.6000e-004		0.0140	0.0140		0.0134	0.0134	0.0000	31.2226	31.2226	5.9000e-003	0.0000	31.3702
Total	0.0260	0.2362	0.2287	3.6000e-004	0.0226	0.0140	0.0366	0.0124	0.0134	0.0258	0.0000	31.2226	31.2226	5.9000e-003	0.0000	31.3702

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3.4 Grading - 2020**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	2.1000e-004	7.4600e-003	1.5000e-003	2.0000e-005	4.3000e-004	2.0000e-005	4.5000e-004	1.2000e-004	2.0000e-005	1.4000e-004	0.0000	1.9543	1.9543	1.0000e-004	0.0000	1.9568
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	9.9000e-004	7.1000e-004	7.3700e-003	2.0000e-005	2.3700e-003	2.0000e-005	2.3900e-003	6.3000e-004	1.0000e-005	6.5000e-004	0.0000	2.0768	2.0768	5.0000e-005	0.0000	2.0781
Total	1.2000e-003	8.1700e-003	8.8700e-003	4.0000e-005	2.8000e-003	4.0000e-005	2.8400e-003	7.5000e-004	3.0000e-005	7.9000e-004	0.0000	4.0311	4.0311	1.5000e-004	0.0000	4.0349

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					0.0102	0.0000	0.0102	5.5900e-003	0.0000	5.5900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0145	0.3110	0.2381	3.6000e-004		1.8100e-003	1.8100e-003		1.8100e-003	1.8100e-003	0.0000	31.2226	31.2226	5.9000e-003	0.0000	31.3702
Total	0.0145	0.3110	0.2381	3.6000e-004	0.0102	1.8100e-003	0.0120	5.5900e-003	1.8100e-003	7.4000e-003	0.0000	31.2226	31.2226	5.9000e-003	0.0000	31.3702

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3.4 Grading - 2020**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	2.1000e-004	7.4600e-003	1.5000e-003	2.0000e-005	4.3000e-004	2.0000e-005	4.5000e-004	1.2000e-004	2.0000e-005	1.4000e-004	0.0000	1.9543	1.9543	1.0000e-004	0.0000	1.9568
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	9.9000e-004	7.1000e-004	7.3700e-003	2.0000e-005	2.3700e-003	2.0000e-005	2.3900e-003	6.3000e-004	1.0000e-005	6.5000e-004	0.0000	2.0768	2.0768	5.0000e-005	0.0000	2.0781
Total	1.2000e-003	8.1700e-003	8.8700e-003	4.0000e-005	2.8000e-003	4.0000e-005	2.8400e-003	7.5000e-004	3.0000e-005	7.9000e-004	0.0000	4.0311	4.0311	1.5000e-004	0.0000	4.0349

3.5 Building Construction - 2020**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	0.0168	0.1726	0.1441	2.2000e-004		0.0102	0.0102		9.3700e-003	9.3700e-003	0.0000	19.5118	19.5118	6.3100e-003	0.0000	19.6696
Total	0.0168	0.1726	0.1441	2.2000e-004		0.0102	0.0102		9.3700e-003	9.3700e-003	0.0000	19.5118	19.5118	6.3100e-003	0.0000	19.6696

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3.5 Building Construction - 2020**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	1.3600e-003	0.0405	0.0102	1.0000e-004	2.3000e-003	2.0000e-004	2.5000e-003	6.7000e-004	1.9000e-004	8.5000e-004	0.0000	9.1899	9.1899	4.7000e-004	0.0000	9.2017
Worker	5.8200e-003	4.1600e-003	0.0431	1.3000e-004	0.0139	9.0000e-005	0.0140	3.6900e-003	9.0000e-005	3.7800e-003	0.0000	12.1495	12.1495	2.9000e-004	0.0000	12.1569
Total	7.1800e-003	0.0447	0.0533	2.3000e-004	0.0162	2.9000e-004	0.0165	4.3600e-003	2.8000e-004	4.6300e-003	0.0000	21.3394	21.3394	7.6000e-004	0.0000	21.3586

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	9.1700e-003	0.2087	0.1553	2.2000e-004		1.1300e-003	1.1300e-003		1.1300e-003	1.1300e-003	0.0000	19.5118	19.5118	6.3100e-003	0.0000	19.6695
Total	9.1700e-003	0.2087	0.1553	2.2000e-004		1.1300e-003	1.1300e-003		1.1300e-003	1.1300e-003	0.0000	19.5118	19.5118	6.3100e-003	0.0000	19.6695

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3.5 Building Construction - 2020**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	1.3600e-003	0.0405	0.0102	1.0000e-004	2.3000e-003	2.0000e-004	2.5000e-003	6.7000e-004	1.9000e-004	8.5000e-004	0.0000	9.1899	9.1899	4.7000e-004	0.0000	9.2017
Worker	5.8200e-003	4.1600e-003	0.0431	1.3000e-004	0.0139	9.0000e-005	0.0140	3.6900e-003	9.0000e-005	3.7800e-003	0.0000	12.1495	12.1495	2.9000e-004	0.0000	12.1569
Total	7.1800e-003	0.0447	0.0533	2.3000e-004	0.0162	2.9000e-004	0.0165	4.3600e-003	2.8000e-004	4.6300e-003	0.0000	21.3394	21.3394	7.6000e-004	0.0000	21.3586

3.5 Building Construction - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0818	0.8424	0.7663	1.2000e-003		0.0472	0.0472		0.0434	0.0434	0.0000	105.5866	105.5866	0.0342	0.0000	106.4403
Total	0.0818	0.8424	0.7663	1.2000e-003		0.0472	0.0472		0.0434	0.0434	0.0000	105.5866	105.5866	0.0342	0.0000	106.4403

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3.5 Building Construction - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0300e-003	0.1984	0.0495	5.1000e-004	0.0125	4.3000e-004	0.0129	3.6000e-003	4.1000e-004	4.0100e-003	0.0000	49.2494	49.2494	2.4200e-003	0.0000	49.3099
Worker	0.0291	0.0201	0.2130	7.0000e-004	0.0750	4.9000e-004	0.0755	0.0200	4.5000e-004	0.0204	0.0000	63.4257	63.4257	1.4200e-003	0.0000	63.4612
Total	0.0352	0.2185	0.2625	1.2100e-003	0.0875	9.2000e-004	0.0884	0.0236	8.6000e-004	0.0244	0.0000	112.6751	112.6751	3.8400e-003	0.0000	112.7712

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	0.0496	1.1290	0.8400	1.2000e-003		6.1000e-003	6.1000e-003		6.1000e-003	6.1000e-003	0.0000	105.5864	105.5864	0.0342	0.0000	106.4402
Total	0.0496	1.1290	0.8400	1.2000e-003		6.1000e-003	6.1000e-003		6.1000e-003	6.1000e-003	0.0000	105.5864	105.5864	0.0342	0.0000	106.4402

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3.5 Building Construction - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0300e-003	0.1984	0.0495	5.1000e-004	0.0125	4.3000e-004	0.0129	3.6000e-003	4.1000e-004	4.0100e-003	0.0000	49.2494	49.2494	2.4200e-003	0.0000	49.3099
Worker	0.0291	0.0201	0.2130	7.0000e-004	0.0750	4.9000e-004	0.0755	0.0200	4.5000e-004	0.0204	0.0000	63.4257	63.4257	1.4200e-003	0.0000	63.4612
Total	0.0352	0.2185	0.2625	1.2100e-003	0.0875	9.2000e-004	0.0884	0.0236	8.6000e-004	0.0244	0.0000	112.6751	112.6751	3.8400e-003	0.0000	112.7712

3.6 Architectural Coating - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.7180					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.5700e-003	0.0458	0.0545	9.0000e-005		2.8200e-003	2.8200e-003		2.8200e-003	2.8200e-003	0.0000	7.6598	7.6598	5.3000e-004	0.0000	7.6729
Total	0.7245	0.0458	0.0545	9.0000e-005		2.8200e-003	2.8200e-003		2.8200e-003	2.8200e-003	0.0000	7.6598	7.6598	5.3000e-004	0.0000	7.6729

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3.6 Architectural Coating - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6600e-003	1.1400e-003	0.0121	4.0000e-005	4.2700e-003	3.0000e-005	4.2900e-003	1.1400e-003	3.0000e-005	1.1600e-003	0.0000	3.6072	3.6072	8.0000e-005	0.0000	3.6092
Total	1.6600e-003	1.1400e-003	0.0121	4.0000e-005	4.2700e-003	3.0000e-005	4.2900e-003	1.1400e-003	3.0000e-005	1.1600e-003	0.0000	3.6072	3.6072	8.0000e-005	0.0000	3.6092

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	0.7180					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.4200e-003	0.0706	0.0550	9.0000e-005		4.3000e-004	4.3000e-004		4.3000e-004	4.3000e-004	0.0000	7.6598	7.6598	5.3000e-004	0.0000	7.6729
Total	0.7214	0.0706	0.0550	9.0000e-005		4.3000e-004	4.3000e-004		4.3000e-004	4.3000e-004	0.0000	7.6598	7.6598	5.3000e-004	0.0000	7.6729

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3.6 Architectural Coating - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6600e-003	1.1400e-003	0.0121	4.0000e-005	4.2700e-003	3.0000e-005	4.2900e-003	1.1400e-003	3.0000e-005	1.1600e-003	0.0000	3.6072	3.6072	8.0000e-005	0.0000	3.6092
Total	1.6600e-003	1.1400e-003	0.0121	4.0000e-005	4.2700e-003	3.0000e-005	4.2900e-003	1.1400e-003	3.0000e-005	1.1600e-003	0.0000	3.6072	3.6072	8.0000e-005	0.0000	3.6092

3.7 Paving - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0180	0.1679	0.1773	2.8000e-004		8.8400e-003	8.8400e-003		8.2100e-003	8.2100e-003	0.0000	23.4812	23.4812	6.8400e-003	0.0000	23.6522
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0180	0.1679	0.1773	2.8000e-004		8.8400e-003	8.8400e-003		8.2100e-003	8.2100e-003	0.0000	23.4812	23.4812	6.8400e-003	0.0000	23.6522

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3.7 Paving - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3800e-003	9.5000e-004	0.0101	3.0000e-005	3.5600e-003	2.0000e-005	3.5800e-003	9.5000e-004	2.0000e-005	9.7000e-004	0.0000	3.0060	3.0060	7.0000e-005	0.0000	3.0076
Total	1.3800e-003	9.5000e-004	0.0101	3.0000e-005	3.5600e-003	2.0000e-005	3.5800e-003	9.5000e-004	2.0000e-005	9.7000e-004	0.0000	3.0060	3.0060	7.0000e-005	0.0000	3.0076

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	9.8800e-003	0.2093	0.1726	2.8000e-004		1.1400e-003	1.1400e-003		1.1400e-003	1.1400e-003	0.0000	23.4812	23.4812	6.8400e-003	0.0000	23.6521
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	9.8800e-003	0.2093	0.1726	2.8000e-004		1.1400e-003	1.1400e-003		1.1400e-003	1.1400e-003	0.0000	23.4812	23.4812	6.8400e-003	0.0000	23.6521

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3.7 Paving - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3800e-003	9.5000e-004	0.0101	3.0000e-005	3.5600e-003	2.0000e-005	3.5800e-003	9.5000e-004	2.0000e-005	9.7000e-004	0.0000	3.0060	3.0060	7.0000e-005	0.0000	3.0076
Total	1.3800e-003	9.5000e-004	0.0101	3.0000e-005	3.5600e-003	2.0000e-005	3.5800e-003	9.5000e-004	2.0000e-005	9.7000e-004	0.0000	3.0060	3.0060	7.0000e-005	0.0000	3.0076

3.7 Paving - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.2300e-003	0.0296	0.0352	6.0000e-005		1.4800e-003	1.4800e-003		1.3800e-003	1.3800e-003	0.0000	4.6984	4.6984	1.3700e-003	0.0000	4.7326
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.2300e-003	0.0296	0.0352	6.0000e-005		1.4800e-003	1.4800e-003		1.3800e-003	1.3800e-003	0.0000	4.6984	4.6984	1.3700e-003	0.0000	4.7326

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3.7 Paving - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	2.6000e-004	1.7000e-004	1.8600e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5792	0.5792	1.0000e-005	0.0000	0.5795
Total	2.6000e-004	1.7000e-004	1.8600e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5792	0.5792	1.0000e-005	0.0000	0.5795

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.9800e-003	0.0419	0.0345	6.0000e-005		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004	0.0000	4.6984	4.6984	1.3700e-003	0.0000	4.7326
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.9800e-003	0.0419	0.0345	6.0000e-005		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004	0.0000	4.6984	4.6984	1.3700e-003	0.0000	4.7326

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3.7 Paving - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	2.6000e-004	1.7000e-004	1.8600e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5792	0.5792	1.0000e-005	0.0000	0.5795
Total	2.6000e-004	1.7000e-004	1.8600e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5792	0.5792	1.0000e-005	0.0000	0.5795

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

Increase Density

Improve Destination Accessibility

Improve Pedestrian Network

Transit Subsidy

Implement Employee Parking CashOut

Workplace Parking Charge

Encourage Telecommuting and Alternative Work Schedules

Provide Ride Sharing Program

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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	0.1645	0.7768	1.6853	5.7100e-003	0.4837	5.2400e-003	0.4889	0.1298	4.9100e-003	0.1347	0.0000	524.2825	524.2825	0.0205	0.0000	524.7960
Unmitigated	0.1740	0.8462	1.9031	6.7000e-003	0.5762	6.1000e-003	0.5823	0.1547	5.7100e-003	0.1604	0.0000	615.1901	615.1901	0.0231	0.0000	615.7670

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	574.28	574.28	574.28	1,326,361	1,118,902
Enclosed Parking with Elevator	0.00	0.00	0.00		
Strip Mall	144.00	144.00	144.00	221,768	180,706
Total	718.28	718.28	718.28	1,548,129	1,299,608

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3
Enclosed Parking with Elevator	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

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Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.576985	0.039376	0.193723	0.112069	0.016317	0.005358	0.017943	0.025814	0.002614	0.002274	0.005874	0.000887	0.000768
Enclosed Parking with Elevator	0.576985	0.039376	0.193723	0.112069	0.016317	0.005358	0.017943	0.025814	0.002614	0.002274	0.005874	0.000887	0.000768
Strip Mall	0.576985	0.039376	0.193723	0.112069	0.016317	0.005358	0.017943	0.025814	0.002614	0.002274	0.005874	0.000887	0.000768

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	105.8362	105.8362	9.3300e-003	1.9300e-003	106.6451
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	105.8362	105.8362	9.3300e-003	1.9300e-003	106.6451
NaturalGas Mitigated	4.7000e-003	0.0402	0.0175	2.6000e-004		3.2500e-003	3.2500e-003		3.2500e-003	3.2500e-003	0.0000	46.5482	46.5482	8.9000e-004	8.5000e-004	46.8248
NaturalGas Unmitigated	4.7000e-003	0.0402	0.0175	2.6000e-004		3.2500e-003	3.2500e-003		3.2500e-003	3.2500e-003	0.0000	46.5482	46.5482	8.9000e-004	8.5000e-004	46.8248

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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					
Apartments Mid Rise	855582	4.6100e-003	0.0394	0.0168	2.5000e-004		3.1900e-003	3.1900e-003		3.1900e-003	3.1900e-003	0.0000	45.6571	45.6571	8.8000e-004	8.4000e-004	45.9284
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
Strip Mall	16698	9.0000e-005	8.2000e-004	6.9000e-004	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.8911	0.8911	2.0000e-005	2.0000e-005	0.8964
Total		4.7000e-003	0.0402	0.0175	2.5000e-004		3.2500e-003	3.2500e-003		3.2500e-003	3.2500e-003	0.0000	46.5482	46.5482	9.0000e-004	8.6000e-004	46.8248

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					
Apartments Mid Rise	855582	4.6100e-003	0.0394	0.0168	2.5000e-004		3.1900e-003	3.1900e-003		3.1900e-003	3.1900e-003	0.0000	45.6571	45.6571	8.8000e-004	8.4000e-004	45.9284
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
Strip Mall	16698	9.0000e-005	8.2000e-004	6.9000e-004	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.8911	0.8911	2.0000e-005	2.0000e-005	0.8964
Total		4.7000e-003	0.0402	0.0175	2.5000e-004		3.2500e-003	3.2500e-003		3.2500e-003	3.2500e-003	0.0000	46.5482	46.5482	9.0000e-004	8.6000e-004	46.8248

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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			
Apartments Mid Rise	413755	61.7079	5.4400e-003	1.1300e-003	62.1795
Enclosed Parking with Elevator	257840	38.4546	3.3900e-003	7.0000e-004	38.7485
Strip Mall	38042.4	5.6737	5.0000e-004	1.0000e-004	5.7171
Total		105.8362	9.3300e-003	1.9300e-003	106.6451

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	413755	61.7079	5.4400e-003	1.1300e-003	62.1795
Enclosed Parking with Elevator	257840	38.4546	3.3900e-003	7.0000e-004	38.7485
Strip Mall	38042.4	5.6737	5.0000e-004	1.0000e-004	5.7171
Total		105.8362	9.3300e-003	1.9300e-003	106.6451

6.0 Area Detail

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6.1 Mitigation Measures Area

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	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	0.4941	0.0118	0.7309	6.0000e-005		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003	0.0000	5.1056	5.1056	1.2300e-003	7.0000e-005	5.1577
Unmitigated	0.7198	0.0136	1.0409	6.6000e-004		0.0485	0.0485		0.0485	0.0485	4.4678	3.0258	7.4936	8.3300e-003	2.9000e-004	7.7892

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6.2 Area by SubCategory**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0718					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.3998					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.2261	5.2000e-003	0.3114	6.2000e-004		0.0445	0.0445		0.0445	0.0445	4.4678	1.8351	6.3029	7.1800e-003	2.9000e-004	6.5698
Landscaping	0.0221	8.4100e-003	0.7295	4.0000e-005		4.0300e-003	4.0300e-003		4.0300e-003	4.0300e-003	0.0000	1.1907	1.1907	1.1500e-003	0.0000	1.2195
Total	0.7198	0.0136	1.0409	6.6000e-004		0.0486	0.0486		0.0486	0.0486	4.4678	3.0258	7.4936	8.3300e-003	2.9000e-004	7.7892

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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	0.0718					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.3998					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	4.0000e-004	3.3800e-003	1.4400e-003	2.0000e-005		2.7000e-004	2.7000e-004		2.7000e-004	2.7000e-004	0.0000	3.9150	3.9150	8.0000e-005	7.0000e-005	3.9382
Landscaping	0.0221	8.4100e-003	0.7295	4.0000e-005		4.0300e-003	4.0300e-003		4.0300e-003	4.0300e-003	0.0000	1.1907	1.1907	1.1500e-003	0.0000	1.2195
Total	0.4941	0.0118	0.7309	6.0000e-005		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003	0.0000	5.1056	5.1056	1.2300e-003	7.0000e-005	5.1577

7.0 Water Detail**7.1 Mitigation Measures Water**

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	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	9.6680	0.2175	5.2600e-003	16.6719
Unmitigated	9.6680	0.2175	5.2600e-003	16.6719

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	6.38509 / 4.02539	9.2797	0.2087	5.0500e-003	16.0006
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.268883 / 0.164799	0.3883	8.7900e-003	2.1000e-004	0.6713
Total		9.6680	0.2175	5.2600e-003	16.6719

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7.2 Water by Land Use**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	6.38509 / 4.02539	9.2797	0.2087	5.0500e-003	16.0006
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.268883 / 0.164799	0.3883	8.7900e-003	2.1000e-004	0.6713
Total		9.6680	0.2175	5.2600e-003	16.6719

8.0 Waste Detail

8.1 Mitigation Measures Waste

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Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	9.9242	0.5865	0.0000	24.5869
Unmitigated	9.9242	0.5865	0.0000	24.5869

8.2 Waste by Land Use**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	45.08	9.1508	0.5408	0.0000	22.6708
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	3.81	0.7734	0.0457	0.0000	1.9161
Total		9.9242	0.5865	0.0000	24.5869

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8.2 Waste by Land Use**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	45.08	9.1508	0.5408	0.0000	22.6708
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	3.81	0.7734	0.0457	0.0000	1.9161
Total		9.9242	0.5865	0.0000	24.5869

9.0 Operational Offroad

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

10.0 Stationary Equipment**Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
----------------	--------	-----------	------------	-------------	-------------	-----------

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
----------------	--------	----------------	-----------------	---------------	-----------

User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

200 Airport Boulevard Project - Bay Area AQMD Air District, Summer

200 Airport Boulevard Project

Bay Area AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	110.00	Space	0.00	44,000.00	0
Apartments Mid Rise	98.00	Dwelling Unit	0.55	98,000.00	280
Strip Mall	3.63	1000sqft	0.00	3,630.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	64
Climate Zone	5			Operational Year	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	328.8	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 - CO2 intensity factor based on 5-year average (2016-2020) per PG&E, 2015

Land Use - Lot acreage includes retail and residential uses. Total lot acreage is 0.55 acres.

Construction Phase - Construction of the proposed project is anticipated to occur over approximately 25 months, starting in March 2020 and ending in April 2022.

Demolition - Construction of the proposed project would include the proposed project would involve the demolition of all existing structures and associated pavements on the project site, totaling approximately 15,100 square feet in size.

Grading - Approximately 408 net cubic yards would be exported from the project site to create a level pad.

Vehicle Trips - Trip rates based on 200 Airport Boulevard Traffic Study

Construction Off-road Equipment Mitigation - Assuming tier 2 construction equipment with level 3 diesel particulate filters

Mobile Land Use Mitigation -

Mobile Commute Mitigation -

Area Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00

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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstructionPhase	NumDays	5.00	60.00
tblConstructionPhase	NumDays	100.00	250.00
tblConstructionPhase	NumDays	10.00	60.00
tblConstructionPhase	NumDays	2.00	60.00
tblConstructionPhase	NumDays	5.00	60.00
tblConstructionPhase	NumDays	1.00	60.00
tblGrading	AcresOfGrading	30.00	0.50
tblGrading	MaterialExported	0.00	408.00
tblLandUse	LotAcreage	0.99	0.00

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tblLandUse	LotAcreage	2.58	0.55
tblLandUse	LotAcreage	0.08	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	328.8
tblVehicleTrips	ST_TR	6.39	5.86
tblVehicleTrips	ST_TR	42.04	39.67
tblVehicleTrips	SU_TR	20.43	39.67
tblVehicleTrips	WD_TR	6.65	5.86
tblVehicleTrips	WD_TR	44.32	39.67

2.0 Emissions Summary

200 Airport Boulevard Project - Bay Area AQMD Air District, Summer

2.1 Overall Construction (Maximum Daily Emission)**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	1.2428	11.0930	10.2915	0.0238	0.8612	0.5372	1.3984	0.4398	0.4946	0.8867	0.0000	2,366.751 5	2,366.751 5	0.4004	0.0000	2,376.761 0
2021	25.3292	11.5749	12.1727	0.0279	1.0090	0.5512	1.5603	0.2704	0.5148	0.7852	0.0000	2,760.105 5	2,760.105 5	0.4196	0.0000	2,770.596 7
2022	0.7008	5.9478	7.4422	0.0127	0.1479	0.2970	0.4449	0.0392	0.2767	0.3159	0.0000	1,173.145 7	1,173.145 7	0.3046	0.0000	1,180.760 4
Maximum	25.3292	11.5749	12.1727	0.0279	1.0090	0.5512	1.5603	0.4398	0.5148	0.8867	0.0000	2,760.105 5	2,760.105 5	0.4196	0.0000	2,770.596 7

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	0.8514	12.9426	10.8665	0.0238	0.8612	0.0727	0.9338	0.2312	0.0719	0.3030	0.0000	2,366.751 5	2,366.751 5	0.4004	0.0000	2,376.761 0
2021	24.9196	15.1173	12.8863	0.0279	1.0090	0.0817	1.0907	0.2704	0.0811	0.3515	0.0000	2,760.105 5	2,760.105 5	0.4196	0.0000	2,770.596 7
2022	0.4493	8.4033	7.3102	0.0127	0.1479	0.0466	0.1944	0.0392	0.0465	0.0857	0.0000	1,173.145 7	1,173.145 7	0.3046	0.0000	1,180.760 4
Maximum	24.9196	15.1173	12.8863	0.0279	1.0090	0.0817	1.0907	0.2704	0.0811	0.3515	0.0000	2,760.105 5	2,760.105 5	0.4196	0.0000	2,770.596 7

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	3.86	-27.42	-3.87	0.00	0.00	85.50	34.80	27.83	84.49	62.76	0.00	0.00	0.00	0.00	0.00	0.00

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2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	43.1329	0.9845	61.3543	0.1030		7.6042	7.6042		7.6042	7.6042	820.3429	377.7595	1,198.1024	1.1367	0.0580	1,243.7993
Energy	0.0258	0.2205	0.0957	1.4100e-003		0.0178	0.0178		0.0178	0.0178		281.1540	281.1540	5.3900e-003	5.1500e-003	282.8247
Mobile	1.0986	4.5161	10.8175	0.0390	3.2890	0.0334	3.3225	0.8800	0.0313	0.9113		3,941.9785	3,941.9785	0.1402		3,945.4832
Total	44.2572	5.7211	72.2675	0.1434	3.2890	7.6555	10.9445	0.8800	7.6533	8.5333	820.3429	4,600.8919	5,421.2348	1.2823	0.0631	5,472.1072

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.9004	0.7004	8.3637	4.3000e-003		0.0938	0.0938		0.0938	0.0938	0.0000	789.3595	789.3595	0.0290	0.0142	794.3164
Energy	0.0258	0.2205	0.0957	1.4100e-003		0.0178	0.0178		0.0178	0.0178		281.1540	281.1540	5.3900e-003	5.1500e-003	282.8247
Mobile	1.0451	4.1571	9.4667	0.0332	2.7611	0.0287	2.7898	0.7387	0.0269	0.7656		3,358.5953	3,358.5953	0.1241		3,361.6983
Total	3.9713	5.0780	17.9261	0.0389	2.7611	0.1404	2.9014	0.7387	0.1385	0.8772	0.0000	4,429.1087	4,429.1087	0.1585	0.0194	4,438.8393

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	91.03	11.24	75.19	72.87	16.05	98.17	73.49	16.05	98.19	89.72	100.00	3.73	18.30	87.64	69.35	18.88

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	3/2/2020	5/22/2020	5	60	
2	Site Preparation	Site Preparation	5/23/2020	8/14/2020	5	60	
3	Grading	Grading	8/15/2020	11/6/2020	5	60	
4	Building Construction	Building Construction	11/7/2020	10/22/2021	5	250	
5	Architectural Coating	Architectural Coating	1/15/2021	4/8/2021	5	60	
6	Paving	Paving	10/23/2021	1/14/2022	5	60	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 198,450; Residential Outdoor: 66,150; Non-Residential Indoor: 5,445; Non-Residential Outdoor: 1,815; Striped Parking Area: 2,640 (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	69.00	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	51.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	90.00	18.00	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	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

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3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use DPF for Construction Equipment

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2020**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					0.2477	0.0000	0.2477	0.0375	0.0000	0.0375			0.0000			0.0000
Off-Road	0.8674	7.8729	7.6226	0.0120		0.4672	0.4672		0.4457	0.4457		1,147.235 2	1,147.235 2	0.2169		1,152.657 8
Total	0.8674	7.8729	7.6226	0.0120	0.2477	0.4672	0.7149	0.0375	0.4457	0.4832		1,147.235 2	1,147.235 2	0.2169		1,152.657 8

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3.2 Demolition - 2020**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	9.4900e-003	0.3294	0.0655	9.1000e-004	0.0201	1.0800e-003	0.0212	5.5100e-003	1.0300e-003	6.5400e-003		97.8401	97.8401	4.8900e-003		97.9625
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	0.0348	0.0210	0.2683	8.2000e-004	0.0822	5.3000e-004	0.0827	0.0218	4.9000e-004	0.0223		82.0777	82.0777	1.9800e-003		82.1271
Total	0.0443	0.3505	0.3338	1.7300e-003	0.1022	1.6100e-003	0.1039	0.0273	1.5200e-003	0.0288		179.9178	179.9178	6.8700e-003		180.0896

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					0.1115	0.0000	0.1115	0.0169	0.0000	0.0169			0.0000			0.0000
Off-Road	0.4844	10.3677	7.9381	0.0120		0.0603	0.0603		0.0603	0.0603	0.0000	1,147.2352	1,147.2352	0.2169		1,152.6578
Total	0.4844	10.3677	7.9381	0.0120	0.1115	0.0603	0.1717	0.0169	0.0603	0.0771	0.0000	1,147.2352	1,147.2352	0.2169		1,152.6578

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3.2 Demolition - 2020**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	9.4900e-003	0.3294	0.0655	9.1000e-004	0.0201	1.0800e-003	0.0212	5.5100e-003	1.0300e-003	6.5400e-003		97.8401	97.8401	4.8900e-003		97.9625
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	0.0348	0.0210	0.2683	8.2000e-004	0.0822	5.3000e-004	0.0827	0.0218	4.9000e-004	0.0223		82.0777	82.0777	1.9800e-003		82.1271
Total	0.0443	0.3505	0.3338	1.7300e-003	0.1022	1.6100e-003	0.1039	0.0273	1.5200e-003	0.0288		179.9178	179.9178	6.8700e-003		180.0896

3.3 Site Preparation - 2020**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					8.8400e-003	0.0000	8.8400e-003	9.5000e-004	0.0000	9.5000e-004			0.0000			0.0000
Off-Road	0.6853	8.4307	4.0942	9.7400e-003		0.3353	0.3353		0.3085	0.3085		943.4872	943.4872	0.3051		951.1158
Total	0.6853	8.4307	4.0942	9.7400e-003	8.8400e-003	0.3353	0.3442	9.5000e-004	0.3085	0.3095		943.4872	943.4872	0.3051		951.1158

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3.3 Site Preparation - 2020**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	0.0174	0.0105	0.1342	4.1000e-004	0.0411	2.7000e-004	0.0413	0.0109	2.5000e-004	0.0111		41.0388	41.0388	9.9000e-004		41.0636
Total	0.0174	0.0105	0.1342	4.1000e-004	0.0411	2.7000e-004	0.0413	0.0109	2.5000e-004	0.0111		41.0388	41.0388	9.9000e-004		41.0636

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					3.9800e-003	0.0000	3.9800e-003	4.3000e-004	0.0000	4.3000e-004			0.0000			0.0000
Off-Road	0.3079	8.6185	5.8579	9.7400e-003		0.0361	0.0361		0.0361	0.0361	0.0000	943.4872	943.4872	0.3051		951.1158
Total	0.3079	8.6185	5.8579	9.7400e-003	3.9800e-003	0.0361	0.0401	4.3000e-004	0.0361	0.0365	0.0000	943.4872	943.4872	0.3051		951.1158

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3.3 Site Preparation - 2020**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	0.0174	0.0105	0.1342	4.1000e-004	0.0411	2.7000e-004	0.0413	0.0109	2.5000e-004	0.0111		41.0388	41.0388	9.9000e-004		41.0636
Total	0.0174	0.0105	0.1342	4.1000e-004	0.0411	2.7000e-004	0.0413	0.0109	2.5000e-004	0.0111		41.0388	41.0388	9.9000e-004		41.0636

3.4 Grading - 2020**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					0.7535	0.0000	0.7535	0.4139	0.0000	0.4139			0.0000			0.0000
Off-Road	0.8674	7.8729	7.6226	0.0120		0.4672	0.4672		0.4457	0.4457		1,147.2352	1,147.2352	0.2169		1,152.6578
Total	0.8674	7.8729	7.6226	0.0120	0.7535	0.4672	1.2207	0.4139	0.4457	0.8596		1,147.2352	1,147.2352	0.2169		1,152.6578

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3.4 Grading - 2020**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	7.0100e-003	0.2435	0.0484	6.8000e-004	0.0149	8.0000e-004	0.0157	4.0700e-003	7.6000e-004	4.8300e-003		72.3166	72.3166	3.6200e-003		72.4070
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	0.0348	0.0210	0.2683	8.2000e-004	0.0822	5.3000e-004	0.0827	0.0218	4.9000e-004	0.0223		82.0777	82.0777	1.9800e-003		82.1271
Total	0.0418	0.2645	0.3167	1.5000e-003	0.0970	1.3300e-003	0.0983	0.0259	1.2500e-003	0.0271		154.3943	154.3943	5.6000e-003		154.5341

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					0.3391	0.0000	0.3391	0.1863	0.0000	0.1863			0.0000			0.0000
Off-Road	0.4844	10.3677	7.9381	0.0120		0.0603	0.0603		0.0603	0.0603	0.0000	1,147.2352	1,147.2352	0.2169		1,152.6578
Total	0.4844	10.3677	7.9381	0.0120	0.3391	0.0603	0.3994	0.1863	0.0603	0.2465	0.0000	1,147.2352	1,147.2352	0.2169		1,152.6578

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3.4 Grading - 2020**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	7.0100e-003	0.2435	0.0484	6.8000e-004	0.0149	8.0000e-004	0.0157	4.0700e-003	7.6000e-004	4.8300e-003		72.3166	72.3166	3.6200e-003		72.4070
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	0.0348	0.0210	0.2683	8.2000e-004	0.0822	5.3000e-004	0.0827	0.0218	4.9000e-004	0.0223		82.0777	82.0777	1.9800e-003		82.1271
Total	0.0418	0.2645	0.3167	1.5000e-003	0.0970	1.3300e-003	0.0983	0.0259	1.2500e-003	0.0271		154.3943	154.3943	5.6000e-003		154.5341

3.5 Building Construction - 2020**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	0.8617	8.8523	7.3875	0.0114		0.5224	0.5224		0.4806	0.4806		1,102.978 1	1,102.978 1	0.3567		1,111.896 2
Total	0.8617	8.8523	7.3875	0.0114		0.5224	0.5224		0.4806	0.4806		1,102.978 1	1,102.978 1	0.3567		1,111.896 2

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3.5 Building Construction - 2020**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	0.0682	2.0513	0.4893	4.9600e-003	0.1218	0.0101	0.1319	0.0351	9.6200e-003	0.0447		525.0745	525.0745	0.0259		525.7209
Worker	0.3128	0.1894	2.4147	7.4100e-003	0.7393	4.7900e-003	0.7441	0.1961	4.4100e-003	0.2005		738.6989	738.6989	0.0178		739.1439
Total	0.3811	2.2407	2.9041	0.0124	0.8612	0.0149	0.8760	0.2312	0.0140	0.2452		1,263.7734	1,263.7734	0.0437		1,264.8648

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	0.4704	10.7018	7.9624	0.0114		0.0578	0.0578		0.0578	0.0578	0.0000	1,102.9781	1,102.9781	0.3567		1,111.8962
Total	0.4704	10.7018	7.9624	0.0114		0.0578	0.0578		0.0578	0.0578	0.0000	1,102.9781	1,102.9781	0.3567		1,111.8962

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3.5 Building Construction - 2020**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	0.0682	2.0513	0.4893	4.9600e-003	0.1218	0.0101	0.1319	0.0351	9.6200e-003	0.0447		525.0745	525.0745	0.0259		525.7209
Worker	0.3128	0.1894	2.4147	7.4100e-003	0.7393	4.7900e-003	0.7441	0.1961	4.4100e-003	0.2005		738.6989	738.6989	0.0178		739.1439
Total	0.3811	2.2407	2.9041	0.0124	0.8612	0.0149	0.8760	0.2312	0.0140	0.2452		1,263.7734	1,263.7734	0.0437		1,264.8648

3.5 Building Construction - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117		1,103.2158	1,103.2158	0.3568		1,112.1358
Total	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117		1,103.2158	1,103.2158	0.3568		1,112.1358

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3.5 Building Construction - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0558	1.8601	0.4386	4.9100e-003	0.1218	4.0300e-003	0.1259	0.0351	3.8500e-003	0.0389		520.1254	520.1254	0.0244		520.7357
Worker	0.2894	0.1691	2.2107	7.1500e-003	0.7393	4.6500e-003	0.7440	0.1961	4.2800e-003	0.2004		712.7636	712.7636	0.0159		713.1619
Total	0.3452	2.0293	2.6493	0.0121	0.8612	8.6800e-003	0.8699	0.2312	8.1300e-003	0.2393		1,232.8890	1,232.8890	0.0403		1,233.8976

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	0.4704	10.7018	7.9624	0.0114		0.0578	0.0578		0.0578	0.0578	0.0000	1,103.2158	1,103.2158	0.3568		1,112.1358
Total	0.4704	10.7018	7.9624	0.0114		0.0578	0.0578		0.0578	0.0578	0.0000	1,103.2158	1,103.2158	0.3568		1,112.1358

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3.5 Building Construction - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0558	1.8601	0.4386	4.9100e-003	0.1218	4.0300e-003	0.1259	0.0351	3.8500e-003	0.0389		520.1254	520.1254	0.0244		520.7357
Worker	0.2894	0.1691	2.2107	7.1500e-003	0.7393	4.6500e-003	0.7440	0.1961	4.2800e-003	0.2004		712.7636	712.7636	0.0159		713.1619
Total	0.3452	2.0293	2.6493	0.0121	0.8612	8.6800e-003	0.8699	0.2312	8.1300e-003	0.2393		1,232.8890	1,232.8890	0.0403		1,233.8976

3.6 Architectural Coating - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9322					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	24.1511	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309

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3.6 Architectural Coating - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0579	0.0338	0.4421	1.4300e-003	0.1479	9.3000e-004	0.1488	0.0392	8.6000e-004	0.0401		142.5527	142.5527	3.1900e-003		142.6324
Total	0.0579	0.0338	0.4421	1.4300e-003	0.1479	9.3000e-004	0.1488	0.0392	8.6000e-004	0.0401		142.5527	142.5527	3.1900e-003		142.6324

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	23.9322					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1139	2.3524	1.8324	2.9700e-003		0.0143	0.0143		0.0143	0.0143	0.0000	281.4481	281.4481	0.0193		281.9309
Total	24.0462	2.3524	1.8324	2.9700e-003		0.0143	0.0143		0.0143	0.0143	0.0000	281.4481	281.4481	0.0193		281.9309

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3.6 Architectural Coating - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0579	0.0338	0.4421	1.4300e-003	0.1479	9.3000e-004	0.1488	0.0392	8.6000e-004	0.0401		142.5527	142.5527	3.1900e-003		142.6324
Total	0.0579	0.0338	0.4421	1.4300e-003	0.1479	9.3000e-004	0.1488	0.0392	8.6000e-004	0.0401		142.5527	142.5527	3.1900e-003		142.6324

3.7 Paving - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286		1,035.3425	1,035.3425	0.3016		1,042.8818
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286		1,035.3425	1,035.3425	0.3016		1,042.8818

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3.7 Paving - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0579	0.0338	0.4421	1.4300e-003	0.1479	9.3000e-004	0.1488	0.0392	8.6000e-004	0.0401		142.5527	142.5527	3.1900e-003		142.6324
Total	0.0579	0.0338	0.4421	1.4300e-003	0.1479	9.3000e-004	0.1488	0.0392	8.6000e-004	0.0401		142.5527	142.5527	3.1900e-003		142.6324

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	0.3954	8.3730	6.9028	0.0113		0.0456	0.0456		0.0456	0.0456	0.0000	1,035.3425	1,035.3425	0.3016		1,042.8818
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3954	8.3730	6.9028	0.0113		0.0456	0.0456		0.0456	0.0456	0.0000	1,035.3425	1,035.3425	0.3016		1,042.8818

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3.7 Paving - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0579	0.0338	0.4421	1.4300e-003	0.1479	9.3000e-004	0.1488	0.0392	8.6000e-004	0.0401		142.5527	142.5527	3.1900e-003		142.6324
Total	0.0579	0.0338	0.4421	1.4300e-003	0.1479	9.3000e-004	0.1488	0.0392	8.6000e-004	0.0401		142.5527	142.5527	3.1900e-003		142.6324

3.7 Paving - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6469	5.9174	7.0348	0.0113		0.2961	0.2961		0.2758	0.2758		1,035.8246	1,035.8246	0.3017		1,043.3677
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6469	5.9174	7.0348	0.0113		0.2961	0.2961		0.2758	0.2758		1,035.8246	1,035.8246	0.3017		1,043.3677

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3.7 Paving - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0539	0.0303	0.4074	1.3800e-003	0.1479	9.1000e-004	0.1488	0.0392	8.4000e-004	0.0401		137.3212	137.3212	2.8600e-003		137.3927
Total	0.0539	0.0303	0.4074	1.3800e-003	0.1479	9.1000e-004	0.1488	0.0392	8.4000e-004	0.0401		137.3212	137.3212	2.8600e-003		137.3927

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	0.3954	8.3730	6.9028	0.0113		0.0456	0.0456		0.0456	0.0456	0.0000	1,035.8246	1,035.8246	0.3017		1,043.3677
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3954	8.3730	6.9028	0.0113		0.0456	0.0456		0.0456	0.0456	0.0000	1,035.8246	1,035.8246	0.3017		1,043.3677

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3.7 Paving - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0539	0.0303	0.4074	1.3800e-003	0.1479	9.1000e-004	0.1488	0.0392	8.4000e-004	0.0401		137.3212	137.3212	2.8600e-003		137.3927
Total	0.0539	0.0303	0.4074	1.3800e-003	0.1479	9.1000e-004	0.1488	0.0392	8.4000e-004	0.0401		137.3212	137.3212	2.8600e-003		137.3927

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

Increase Density

Improve Destination Accessibility

Improve Pedestrian Network

Transit Subsidy

Implement Employee Parking CashOut

Workplace Parking Charge

Encourage Telecommuting and Alternative Work Schedules

Provide Ride Sharing Program

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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	lb/day										lb/day					
Mitigated	1.0451	4.1571	9.4667	0.0332	2.7611	0.0287	2.7898	0.7387	0.0269	0.7656		3,358.595 3	3,358.595 3	0.1241		3,361.698 3
Unmitigated	1.0986	4.5161	10.8175	0.0390	3.2890	0.0334	3.3225	0.8800	0.0313	0.9113		3,941.978 5	3,941.978 5	0.1402		3,945.483 2

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	574.28	574.28	574.28	1,326,361	1,118,902
Enclosed Parking with Elevator	0.00	0.00	0.00		
Strip Mall	144.00	144.00	144.00	221,768	180,706
Total	718.28	718.28	718.28	1,548,129	1,299,608

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3
Enclosed Parking with Elevator	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

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Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.576985	0.039376	0.193723	0.112069	0.016317	0.005358	0.017943	0.025814	0.002614	0.002274	0.005874	0.000887	0.000768
Enclosed Parking with Elevator	0.576985	0.039376	0.193723	0.112069	0.016317	0.005358	0.017943	0.025814	0.002614	0.002274	0.005874	0.000887	0.000768
Strip Mall	0.576985	0.039376	0.193723	0.112069	0.016317	0.005358	0.017943	0.025814	0.002614	0.002274	0.005874	0.000887	0.000768

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	0.0258	0.2205	0.0957	1.4100e-003		0.0178	0.0178		0.0178	0.0178		281.1540	281.1540	5.3900e-003	5.1500e-003	282.8247
NaturalGas Unmitigated	0.0258	0.2205	0.0957	1.4100e-003		0.0178	0.0178		0.0178	0.0178		281.1540	281.1540	5.3900e-003	5.1500e-003	282.8247

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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	lb/day										lb/day					
Apartments Mid Rise	2344.06	0.0253	0.2160	0.0919	1.3800e-003		0.0175	0.0175		0.0175	0.0175		275.7718	275.7718	5.2900e-003	5.0600e-003	277.4106
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
Strip Mall	45.7479	4.9000e-004	4.4900e-003	3.7700e-003	3.0000e-005		3.4000e-004	3.4000e-004		3.4000e-004	3.4000e-004		5.3821	5.3821	1.0000e-004	1.0000e-004	5.4141
Total		0.0258	0.2205	0.0957	1.4100e-003		0.0178	0.0178		0.0178	0.0178		281.1540	281.1540	5.3900e-003	5.1600e-003	282.8247

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					
Apartments Mid Rise	2.34406	0.0253	0.2160	0.0919	1.3800e-003		0.0175	0.0175		0.0175	0.0175		275.7718	275.7718	5.2900e-003	5.0600e-003	277.4106
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
Strip Mall	0.0457479	4.9000e-004	4.4900e-003	3.7700e-003	3.0000e-005		3.4000e-004	3.4000e-004		3.4000e-004	3.4000e-004		5.3821	5.3821	1.0000e-004	1.0000e-004	5.4141
Total		0.0258	0.2205	0.0957	1.4100e-003		0.0178	0.0178		0.0178	0.0178		281.1540	281.1540	5.3900e-003	5.1600e-003	282.8247

6.0 Area Detail

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6.1 Mitigation Measures Area

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.9004	0.7004	8.3637	4.3000e-003		0.0938	0.0938		0.0938	0.0938	0.0000	789.3595	789.3595	0.0290	0.0142	794.3164
Unmitigated	43.1329	0.9845	61.3543	0.1030		7.6042	7.6042		7.6042	7.6042	820.3429	377.7595	1,198.1024	1.1367	0.0580	1,243.7993

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6.2 Area by SubCategory**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.3934					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.1905					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	40.3035	0.8910	53.2489	0.1026		7.5595	7.5595		7.5595	7.5595	820.3429	363.1765	1,183.5194	1.1226	0.0580	1,228.8636
Landscaping	0.2456	0.0935	8.1055	4.3000e-004		0.0448	0.0448		0.0448	0.0448		14.5830	14.5830	0.0141		14.9358
Total	43.1329	0.9845	61.3543	0.1030		7.6042	7.6042		7.6042	7.6042	820.3429	377.7595	1,198.1024	1.1367	0.0580	1,243.7993

200 Airport Boulevard Project - Bay Area AQMD Air District, 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	0.3934					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.1905					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0710	0.6069	0.2583	3.8700e-003		0.0491	0.0491		0.0491	0.0491	0.0000	774.7765	774.7765	0.0149	0.0142	779.3806
Landscaping	0.2456	0.0935	8.1055	4.3000e-004		0.0448	0.0448		0.0448	0.0448		14.5830	14.5830	0.0141		14.9358
Total	2.9005	0.7004	8.3637	4.3000e-003		0.0938	0.0938		0.0938	0.0938	0.0000	789.3595	789.3595	0.0290	0.0142	794.3164

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

200 Airport Boulevard Project - Bay Area AQMD Air District, Summer

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

200 Airport Boulevard Project - Bay Area AQMD Air District, Winter

200 Airport Boulevard Project

Bay Area AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	110.00	Space	0.00	44,000.00	0
Apartments Mid Rise	98.00	Dwelling Unit	0.55	98,000.00	280
Strip Mall	3.63	1000sqft	0.00	3,630.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	64
Climate Zone	5			Operational Year	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	328.8	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

200 Airport Boulevard Project - Bay Area AQMD Air District, Winter

Project Characteristics - CO2 intensity factor based on 5-year average (2016-2020) per PG&E, 2015

Land Use - Lot acreage includes retail and residential uses. Total lot acreage is 0.55 acres.

Construction Phase - Construction of the proposed project is anticipated to occur over approximately 25 months, starting in March 2020 and ending in April 2022.

Demolition - Construction of the proposed project would include the proposed project would involve the demolition of all existing structures and associated pavements on the project site, totaling approximately 15,100 square feet in size.

Grading - Approximately 408 net cubic yards would be exported from the project site to create a level pad.

Vehicle Trips - Trip rates based on 200 Airport Boulevard Traffic Study

Construction Off-road Equipment Mitigation - Assuming tier 2 construction equipment with level 3 diesel particulate filters

Mobile Land Use Mitigation -

Mobile Commute Mitigation -

Area Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00

200 Airport Boulevard Project - Bay Area AQMD Air District, Winter

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstructionPhase	NumDays	5.00	60.00
tblConstructionPhase	NumDays	100.00	250.00
tblConstructionPhase	NumDays	10.00	60.00
tblConstructionPhase	NumDays	2.00	60.00
tblConstructionPhase	NumDays	5.00	60.00
tblConstructionPhase	NumDays	1.00	60.00
tblGrading	AcresOfGrading	30.00	0.50
tblGrading	MaterialExported	0.00	408.00
tblLandUse	LotAcreage	0.99	0.00

200 Airport Boulevard Project - Bay Area AQMD Air District, Winter

tblLandUse	LotAcreage	2.58	0.55
tblLandUse	LotAcreage	0.08	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	328.8
tblVehicleTrips	ST_TR	6.39	5.86
tblVehicleTrips	ST_TR	42.04	39.67
tblVehicleTrips	SU_TR	20.43	39.67
tblVehicleTrips	WD_TR	6.65	5.86
tblVehicleTrips	WD_TR	44.32	39.67

2.0 Emissions Summary

200 Airport Boulevard Project - Bay Area AQMD Air District, Winter

2.1 Overall Construction (Maximum Daily Emission)**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	1.2644	11.1606	10.2151	0.0231	0.8612	0.5374	1.3986	0.4398	0.4948	0.8867	0.0000	2,295.2260	2,295.2260	0.4013	0.0000	2,305.2594
2021	25.3531	11.6386	12.0674	0.0271	1.0090	0.5514	1.5604	0.2704	0.5150	0.7854	0.0000	2,679.4923	2,679.4923	0.4204	0.0000	2,690.0011
2022	0.7042	5.9549	7.4144	0.0125	0.1479	0.2970	0.4449	0.0392	0.2767	0.3159	0.0000	1,162.3271	1,162.3271	0.3044	0.0000	1,169.9368
Maximum	25.3531	11.6386	12.0674	0.0271	1.0090	0.5514	1.5604	0.4398	0.5150	0.8867	0.0000	2,679.4923	2,679.4923	0.4204	0.0000	2,690.0011

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	0.8731	13.0101	10.7901	0.0231	0.8612	0.0728	0.9340	0.2312	0.0720	0.3032	0.0000	2,295.2260	2,295.2260	0.4013	0.0000	2,305.2594
2021	24.9435	15.1811	12.7810	0.0271	1.0090	0.0818	1.0909	0.2704	0.0812	0.3516	0.0000	2,679.4923	2,679.4923	0.4204	0.0000	2,690.0011
2022	0.4526	8.4104	7.2824	0.0125	0.1479	0.0466	0.1944	0.0392	0.0465	0.0857	0.0000	1,162.3271	1,162.3271	0.3044	0.0000	1,169.9368
Maximum	24.9435	15.1811	12.7810	0.0271	1.0090	0.0818	1.0909	0.2704	0.0812	0.3516	0.0000	2,679.4923	2,679.4923	0.4204	0.0000	2,690.0011

200 Airport Boulevard Project - Bay Area AQMD Air District, 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
Percent Reduction	3.85	-27.29	-3.89	0.00	0.00	85.48	34.80	27.83	84.48	62.75	0.00	0.00	0.00	0.00	0.00	0.00

200 Airport Boulevard Project - Bay Area AQMD Air District, 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	43.1329	0.9845	61.3543	0.1030		7.6042	7.6042		7.6042	7.6042	820.3429	377.7595	1,198.1024	1.1367	0.0580	1,243.7993
Energy	0.0258	0.2205	0.0957	1.4100e-003		0.0178	0.0178		0.0178	0.0178		281.1540	281.1540	5.3900e-003	5.1500e-003	282.8247
Mobile	0.9482	4.7269	10.9829	0.0365	3.2890	0.0337	3.3227	0.8800	0.0315	0.9115		3,690.0832	3,690.0832	0.1437		3,693.6759
Total	44.1069	5.9319	72.4329	0.1409	3.2890	7.6557	10.9448	0.8800	7.6536	8.5335	820.3429	4,348.9966	5,169.3396	1.2858	0.0631	5,220.3000

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.9004	0.7004	8.3637	4.3000e-003		0.0938	0.0938		0.0938	0.0938	0.0000	789.3595	789.3595	0.0290	0.0142	794.3164
Energy	0.0258	0.2205	0.0957	1.4100e-003		0.0178	0.0178		0.0178	0.0178		281.1540	281.1540	5.3900e-003	5.1500e-003	282.8247
Mobile	0.8955	4.3305	9.7812	0.0311	2.7611	0.0290	2.7900	0.7387	0.0271	0.7659		3,142.7853	3,142.7853	0.1284		3,145.9947
Total	3.8217	5.2514	18.2406	0.0368	2.7611	0.1406	2.9017	0.7387	0.1388	0.8775	0.0000	4,213.2987	4,213.2987	0.1627	0.0194	4,223.1357

200 Airport Boulevard Project - Bay Area AQMD Air District, 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
Percent Reduction	91.34	11.47	74.82	73.90	16.05	98.16	73.49	16.05	98.19	89.72	100.00	3.12	18.49	87.34	69.35	19.10

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	3/2/2020	5/22/2020	5	60	
2	Site Preparation	Site Preparation	5/23/2020	8/14/2020	5	60	
3	Grading	Grading	8/15/2020	11/6/2020	5	60	
4	Building Construction	Building Construction	11/7/2020	10/22/2021	5	250	
5	Architectural Coating	Architectural Coating	1/15/2021	4/8/2021	5	60	
6	Paving	Paving	10/23/2021	1/14/2022	5	60	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 198,450; Residential Outdoor: 66,150; Non-Residential Indoor: 5,445; Non-Residential Outdoor: 1,815; Striped Parking Area: 2,640 (Architectural Coating – sqft)

OffRoad Equipment

200 Airport Boulevard Project - Bay Area AQMD Air District, 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	69.00	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	51.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	90.00	18.00	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	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

200 Airport Boulevard Project - Bay Area AQMD Air District, Winter

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use DPF for Construction Equipment

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2020**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					0.2477	0.0000	0.2477	0.0375	0.0000	0.0375			0.0000			0.0000
Off-Road	0.8674	7.8729	7.6226	0.0120		0.4672	0.4672		0.4457	0.4457		1,147.235 2	1,147.235 2	0.2169		1,152.657 8
Total	0.8674	7.8729	7.6226	0.0120	0.2477	0.4672	0.7149	0.0375	0.4457	0.4832		1,147.235 2	1,147.235 2	0.2169		1,152.657 8

200 Airport Boulevard Project - Bay Area AQMD Air District, Winter

3.2 Demolition - 2020**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	9.7500e-003	0.3375	0.0705	9.0000e-004	0.0201	1.1000e-003	0.0212	5.5100e-003	1.0500e-003	6.5500e-003		96.1968	96.1968	5.1400e-003		96.3253
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	0.0368	0.0260	0.2520	7.6000e-004	0.0822	5.3000e-004	0.0827	0.0218	4.9000e-004	0.0223		75.6065	75.6065	1.8500e-003		75.6528
Total	0.0465	0.3635	0.3225	1.6600e-003	0.1022	1.6300e-003	0.1039	0.0273	1.5400e-003	0.0288		171.8033	171.8033	6.9900e-003		171.9780

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					0.1115	0.0000	0.1115	0.0169	0.0000	0.0169			0.0000			0.0000
Off-Road	0.4844	10.3677	7.9381	0.0120		0.0603	0.0603		0.0603	0.0603	0.0000	1,147.2352	1,147.2352	0.2169		1,152.6578
Total	0.4844	10.3677	7.9381	0.0120	0.1115	0.0603	0.1717	0.0169	0.0603	0.0771	0.0000	1,147.2352	1,147.2352	0.2169		1,152.6578

200 Airport Boulevard Project - Bay Area AQMD Air District, Winter

3.2 Demolition - 2020**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	9.7500e-003	0.3375	0.0705	9.0000e-004	0.0201	1.1000e-003	0.0212	5.5100e-003	1.0500e-003	6.5500e-003		96.1968	96.1968	5.1400e-003		96.3253
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	0.0368	0.0260	0.2520	7.6000e-004	0.0822	5.3000e-004	0.0827	0.0218	4.9000e-004	0.0223		75.6065	75.6065	1.8500e-003		75.6528
Total	0.0465	0.3635	0.3225	1.6600e-003	0.1022	1.6300e-003	0.1039	0.0273	1.5400e-003	0.0288		171.8033	171.8033	6.9900e-003		171.9780

3.3 Site Preparation - 2020**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					8.8400e-003	0.0000	8.8400e-003	9.5000e-004	0.0000	9.5000e-004			0.0000			0.0000
Off-Road	0.6853	8.4307	4.0942	9.7400e-003		0.3353	0.3353		0.3085	0.3085		943.4872	943.4872	0.3051		951.1158
Total	0.6853	8.4307	4.0942	9.7400e-003	8.8400e-003	0.3353	0.3442	9.5000e-004	0.3085	0.3095		943.4872	943.4872	0.3051		951.1158

200 Airport Boulevard Project - Bay Area AQMD Air District, Winter

3.3 Site Preparation - 2020**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	0.0184	0.0130	0.1260	3.8000e-004	0.0411	2.7000e-004	0.0413	0.0109	2.5000e-004	0.0111		37.8033	37.8033	9.2000e-004		37.8264
Total	0.0184	0.0130	0.1260	3.8000e-004	0.0411	2.7000e-004	0.0413	0.0109	2.5000e-004	0.0111		37.8033	37.8033	9.2000e-004		37.8264

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					3.9800e-003	0.0000	3.9800e-003	4.3000e-004	0.0000	4.3000e-004			0.0000			0.0000
Off-Road	0.3079	8.6185	5.8579	9.7400e-003		0.0361	0.0361		0.0361	0.0361	0.0000	943.4872	943.4872	0.3051		951.1158
Total	0.3079	8.6185	5.8579	9.7400e-003	3.9800e-003	0.0361	0.0401	4.3000e-004	0.0361	0.0365	0.0000	943.4872	943.4872	0.3051		951.1158

200 Airport Boulevard Project - Bay Area AQMD Air District, Winter

3.3 Site Preparation - 2020**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	0.0184	0.0130	0.1260	3.8000e-004	0.0411	2.7000e-004	0.0413	0.0109	2.5000e-004	0.0111		37.8033	37.8033	9.2000e-004		37.8264
Total	0.0184	0.0130	0.1260	3.8000e-004	0.0411	2.7000e-004	0.0413	0.0109	2.5000e-004	0.0111		37.8033	37.8033	9.2000e-004		37.8264

3.4 Grading - 2020**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					0.7535	0.0000	0.7535	0.4139	0.0000	0.4139			0.0000			0.0000
Off-Road	0.8674	7.8729	7.6226	0.0120		0.4672	0.4672		0.4457	0.4457		1,147.2352	1,147.2352	0.2169		1,152.6578
Total	0.8674	7.8729	7.6226	0.0120	0.7535	0.4672	1.2207	0.4139	0.4457	0.8596		1,147.2352	1,147.2352	0.2169		1,152.6578

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3.4 Grading - 2020**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	7.2100e-003	0.2495	0.0521	6.6000e-004	0.0149	8.1000e-004	0.0157	4.0700e-003	7.7000e-004	4.8400e-003		71.1020	71.1020	3.8000e-003		71.1969
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	0.0368	0.0260	0.2520	7.6000e-004	0.0822	5.3000e-004	0.0827	0.0218	4.9000e-004	0.0223		75.6065	75.6065	1.8500e-003		75.6528
Total	0.0440	0.2755	0.3041	1.4200e-003	0.0970	1.3400e-003	0.0983	0.0259	1.2600e-003	0.0271		146.7085	146.7085	5.6500e-003		146.8497

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					0.3391	0.0000	0.3391	0.1863	0.0000	0.1863			0.0000			0.0000
Off-Road	0.4844	10.3677	7.9381	0.0120		0.0603	0.0603		0.0603	0.0603	0.0000	1,147.2352	1,147.2352	0.2169		1,152.6578
Total	0.4844	10.3677	7.9381	0.0120	0.3391	0.0603	0.3994	0.1863	0.0603	0.2465	0.0000	1,147.2352	1,147.2352	0.2169		1,152.6578

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3.4 Grading - 2020**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	7.2100e-003	0.2495	0.0521	6.6000e-004	0.0149	8.1000e-004	0.0157	4.0700e-003	7.7000e-004	4.8400e-003		71.1020	71.1020	3.8000e-003		71.1969
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	0.0368	0.0260	0.2520	7.6000e-004	0.0822	5.3000e-004	0.0827	0.0218	4.9000e-004	0.0223		75.6065	75.6065	1.8500e-003		75.6528
Total	0.0440	0.2755	0.3041	1.4200e-003	0.0970	1.3400e-003	0.0983	0.0259	1.2600e-003	0.0271		146.7085	146.7085	5.6500e-003		146.8497

3.5 Building Construction - 2020**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	0.8617	8.8523	7.3875	0.0114		0.5224	0.5224		0.4806	0.4806		1,102.978 1	1,102.978 1	0.3567		1,111.896 2
Total	0.8617	8.8523	7.3875	0.0114		0.5224	0.5224		0.4806	0.4806		1,102.978 1	1,102.978 1	0.3567		1,111.896 2

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3.5 Building Construction - 2020**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	0.0718	2.0743	0.5598	4.8300e-003	0.1218	0.0102	0.1321	0.0351	9.7800e-003	0.0449		511.7890	511.7890	0.0280		512.4882
Worker	0.3309	0.2340	2.2679	6.8300e-003	0.7393	4.7900e-003	0.7441	0.1961	4.4100e-003	0.2005		680.4589	680.4589	0.0166		680.8750
Total	0.4027	2.3083	2.8277	0.0117	0.8612	0.0150	0.8762	0.2312	0.0142	0.2454		1,192.2479	1,192.2479	0.0446		1,193.3632

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	0.4704	10.7018	7.9624	0.0114		0.0578	0.0578		0.0578	0.0578	0.0000	1,102.9781	1,102.9781	0.3567		1,111.8962
Total	0.4704	10.7018	7.9624	0.0114		0.0578	0.0578		0.0578	0.0578	0.0000	1,102.9781	1,102.9781	0.3567		1,111.8962

200 Airport Boulevard Project - Bay Area AQMD Air District, Winter

3.5 Building Construction - 2020**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	0.0718	2.0743	0.5598	4.8300e-003	0.1218	0.0102	0.1321	0.0351	9.7800e-003	0.0449		511.7890	511.7890	0.0280		512.4882
Worker	0.3309	0.2340	2.2679	6.8300e-003	0.7393	4.7900e-003	0.7441	0.1961	4.4100e-003	0.2005		680.4589	680.4589	0.0166		680.8750
Total	0.4027	2.3083	2.8277	0.0117	0.8612	0.0150	0.8762	0.2312	0.0142	0.2454		1,192.2479	1,192.2479	0.0446		1,193.3632

3.5 Building Construction - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117		1,103.2158	1,103.2158	0.3568		1,112.1358
Total	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117		1,103.2158	1,103.2158	0.3568		1,112.1358

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3.5 Building Construction - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0591	1.8761	0.5042	4.7900e-003	0.1218	4.1700e-003	0.1260	0.0351	3.9900e-003	0.0391		506.9289	506.9289	0.0264		507.5891
Worker	0.3066	0.2089	2.0683	6.5900e-003	0.7393	4.6500e-003	0.7440	0.1961	4.2800e-003	0.2004		656.5830	656.5830	0.0149		656.9544
Total	0.3657	2.0850	2.5725	0.0114	0.8612	8.8200e-003	0.8700	0.2312	8.2700e-003	0.2395		1,163.5118	1,163.5118	0.0413		1,164.5435

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	0.4704	10.7018	7.9624	0.0114		0.0578	0.0578		0.0578	0.0578	0.0000	1,103.2158	1,103.2158	0.3568		1,112.1358
Total	0.4704	10.7018	7.9624	0.0114		0.0578	0.0578		0.0578	0.0578	0.0000	1,103.2158	1,103.2158	0.3568		1,112.1358

200 Airport Boulevard Project - Bay Area AQMD Air District, Winter

3.5 Building Construction - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0591	1.8761	0.5042	4.7900e-003	0.1218	4.1700e-003	0.1260	0.0351	3.9900e-003	0.0391		506.9289	506.9289	0.0264		507.5891
Worker	0.3066	0.2089	2.0683	6.5900e-003	0.7393	4.6500e-003	0.7440	0.1961	4.2800e-003	0.2004		656.5830	656.5830	0.0149		656.9544
Total	0.3657	2.0850	2.5725	0.0114	0.8612	8.8200e-003	0.8700	0.2312	8.2700e-003	0.2395		1,163.5118	1,163.5118	0.0413		1,164.5435

3.6 Architectural Coating - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9322					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	24.1511	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309

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3.6 Architectural Coating - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0613	0.0418	0.4137	1.3200e-003	0.1479	9.3000e-004	0.1488	0.0392	8.6000e-004	0.0401		131.3166	131.3166	2.9700e-003		131.3909
Total	0.0613	0.0418	0.4137	1.3200e-003	0.1479	9.3000e-004	0.1488	0.0392	8.6000e-004	0.0401		131.3166	131.3166	2.9700e-003		131.3909

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	23.9322					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1139	2.3524	1.8324	2.9700e-003		0.0143	0.0143		0.0143	0.0143	0.0000	281.4481	281.4481	0.0193		281.9309
Total	24.0462	2.3524	1.8324	2.9700e-003		0.0143	0.0143		0.0143	0.0143	0.0000	281.4481	281.4481	0.0193		281.9309

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3.6 Architectural Coating - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0613	0.0418	0.4137	1.3200e-003	0.1479	9.3000e-004	0.1488	0.0392	8.6000e-004	0.0401		131.3166	131.3166	2.9700e-003		131.3909
Total	0.0613	0.0418	0.4137	1.3200e-003	0.1479	9.3000e-004	0.1488	0.0392	8.6000e-004	0.0401		131.3166	131.3166	2.9700e-003		131.3909

3.7 Paving - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286		1,035.3425	1,035.3425	0.3016		1,042.8818
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286		1,035.3425	1,035.3425	0.3016		1,042.8818

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3.7 Paving - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0613	0.0418	0.4137	1.3200e-003	0.1479	9.3000e-004	0.1488	0.0392	8.6000e-004	0.0401		131.3166	131.3166	2.9700e-003		131.3909
Total	0.0613	0.0418	0.4137	1.3200e-003	0.1479	9.3000e-004	0.1488	0.0392	8.6000e-004	0.0401		131.3166	131.3166	2.9700e-003		131.3909

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	0.3954	8.3730	6.9028	0.0113		0.0456	0.0456		0.0456	0.0456	0.0000	1,035.3425	1,035.3425	0.3016		1,042.8818
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3954	8.3730	6.9028	0.0113		0.0456	0.0456		0.0456	0.0456	0.0000	1,035.3425	1,035.3425	0.3016		1,042.8818

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3.7 Paving - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0613	0.0418	0.4137	1.3200e-003	0.1479	9.3000e-004	0.1488	0.0392	8.6000e-004	0.0401		131.3166	131.3166	2.9700e-003		131.3909
Total	0.0613	0.0418	0.4137	1.3200e-003	0.1479	9.3000e-004	0.1488	0.0392	8.6000e-004	0.0401		131.3166	131.3166	2.9700e-003		131.3909

3.7 Paving - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6469	5.9174	7.0348	0.0113		0.2961	0.2961		0.2758	0.2758		1,035.8246	1,035.8246	0.3017		1,043.3677
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6469	5.9174	7.0348	0.0113		0.2961	0.2961		0.2758	0.2758		1,035.8246	1,035.8246	0.3017		1,043.3677

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3.7 Paving - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0572	0.0375	0.3796	1.2700e-003	0.1479	9.1000e-004	0.1488	0.0392	8.4000e-004	0.0401		126.5026	126.5026	2.6600e-003		126.5691
Total	0.0572	0.0375	0.3796	1.2700e-003	0.1479	9.1000e-004	0.1488	0.0392	8.4000e-004	0.0401		126.5026	126.5026	2.6600e-003		126.5691

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	0.3954	8.3730	6.9028	0.0113		0.0456	0.0456		0.0456	0.0456	0.0000	1,035.8246	1,035.8246	0.3017		1,043.3677
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3954	8.3730	6.9028	0.0113		0.0456	0.0456		0.0456	0.0456	0.0000	1,035.8246	1,035.8246	0.3017		1,043.3677

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3.7 Paving - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0572	0.0375	0.3796	1.2700e-003	0.1479	9.1000e-004	0.1488	0.0392	8.4000e-004	0.0401		126.5026	126.5026	2.6600e-003		126.5691
Total	0.0572	0.0375	0.3796	1.2700e-003	0.1479	9.1000e-004	0.1488	0.0392	8.4000e-004	0.0401		126.5026	126.5026	2.6600e-003		126.5691

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

Increase Density

Improve Destination Accessibility

Improve Pedestrian Network

Transit Subsidy

Implement Employee Parking CashOut

Workplace Parking Charge

Encourage Telecommuting and Alternative Work Schedules

Provide Ride Sharing Program

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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	lb/day										lb/day					
Mitigated	0.8955	4.3305	9.7812	0.0311	2.7611	0.0290	2.7900	0.7387	0.0271	0.7659		3,142.785 3	3,142.785 3	0.1284		3,145.994 7
Unmitigated	0.9482	4.7269	10.9829	0.0365	3.2890	0.0337	3.3227	0.8800	0.0315	0.9115		3,690.083 2	3,690.083 2	0.1437		3,693.675 9

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	574.28	574.28	574.28	1,326,361	1,118,902
Enclosed Parking with Elevator	0.00	0.00	0.00		
Strip Mall	144.00	144.00	144.00	221,768	180,706
Total	718.28	718.28	718.28	1,548,129	1,299,608

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3
Enclosed Parking with Elevator	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

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Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.576985	0.039376	0.193723	0.112069	0.016317	0.005358	0.017943	0.025814	0.002614	0.002274	0.005874	0.000887	0.000768
Enclosed Parking with Elevator	0.576985	0.039376	0.193723	0.112069	0.016317	0.005358	0.017943	0.025814	0.002614	0.002274	0.005874	0.000887	0.000768
Strip Mall	0.576985	0.039376	0.193723	0.112069	0.016317	0.005358	0.017943	0.025814	0.002614	0.002274	0.005874	0.000887	0.000768

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	0.0258	0.2205	0.0957	1.4100e-003		0.0178	0.0178		0.0178	0.0178		281.1540	281.1540	5.3900e-003	5.1500e-003	282.8247
NaturalGas Unmitigated	0.0258	0.2205	0.0957	1.4100e-003		0.0178	0.0178		0.0178	0.0178		281.1540	281.1540	5.3900e-003	5.1500e-003	282.8247

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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	lb/day										lb/day					
Apartments Mid Rise	2344.06	0.0253	0.2160	0.0919	1.3800e-003		0.0175	0.0175		0.0175	0.0175		275.7718	275.7718	5.2900e-003	5.0600e-003	277.4106
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
Strip Mall	45.7479	4.9000e-004	4.4900e-003	3.7700e-003	3.0000e-005		3.4000e-004	3.4000e-004		3.4000e-004	3.4000e-004		5.3821	5.3821	1.0000e-004	1.0000e-004	5.4141
Total		0.0258	0.2205	0.0957	1.4100e-003		0.0178	0.0178		0.0178	0.0178		281.1540	281.1540	5.3900e-003	5.1600e-003	282.8247

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					
Apartments Mid Rise	2.34406	0.0253	0.2160	0.0919	1.3800e-003		0.0175	0.0175		0.0175	0.0175		275.7718	275.7718	5.2900e-003	5.0600e-003	277.4106
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
Strip Mall	0.0457479	4.9000e-004	4.4900e-003	3.7700e-003	3.0000e-005		3.4000e-004	3.4000e-004		3.4000e-004	3.4000e-004		5.3821	5.3821	1.0000e-004	1.0000e-004	5.4141
Total		0.0258	0.2205	0.0957	1.4100e-003		0.0178	0.0178		0.0178	0.0178		281.1540	281.1540	5.3900e-003	5.1600e-003	282.8247

6.0 Area Detail

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6.1 Mitigation Measures Area

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.9004	0.7004	8.3637	4.3000e-003		0.0938	0.0938		0.0938	0.0938	0.0000	789.3595	789.3595	0.0290	0.0142	794.3164
Unmitigated	43.1329	0.9845	61.3543	0.1030		7.6042	7.6042		7.6042	7.6042	820.3429	377.7595	1,198.1024	1.1367	0.0580	1,243.7993

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6.2 Area by SubCategory**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.3934					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.1905					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	40.3035	0.8910	53.2489	0.1026		7.5595	7.5595		7.5595	7.5595	820.3429	363.1765	1,183.5194	1.1226	0.0580	1,228.8636
Landscaping	0.2456	0.0935	8.1055	4.3000e-004		0.0448	0.0448		0.0448	0.0448		14.5830	14.5830	0.0141		14.9358
Total	43.1329	0.9845	61.3543	0.1030		7.6042	7.6042		7.6042	7.6042	820.3429	377.7595	1,198.1024	1.1367	0.0580	1,243.7993

200 Airport Boulevard Project - Bay Area AQMD Air District, 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	0.3934					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.1905					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0710	0.6069	0.2583	3.8700e-003		0.0491	0.0491		0.0491	0.0491	0.0000	774.7765	774.7765	0.0149	0.0142	779.3806
Landscaping	0.2456	0.0935	8.1055	4.3000e-004		0.0448	0.0448		0.0448	0.0448		14.5830	14.5830	0.0141		14.9358
Total	2.9005	0.7004	8.3637	4.3000e-003		0.0938	0.0938		0.0938	0.0938	0.0000	789.3595	789.3595	0.0290	0.0142	794.3164

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

200 Airport Boulevard Project - Bay Area AQMD Air District, Winter

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation
