

APPENDIX B

California Emissions Estimator Model

Brisbane - Bay Area AQMD Air District, Summer

Brisbane
Bay Area AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	1.14	Acre	1.14	49,658.40	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	64
Climate Zone	5			Operational Year	2019
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Subtype: lot is vacant

Construction Phase - Construcion time is 4 months

Off-road Equipment - Project wll not use cranes, forklifts, welders, generator sets in this phase.

Off-road Equipment -

Trips and VMT - .

Demolition -

Grading -

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Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	200.00	11.00
tblGrading	MaterialExported	0.00	250.00
tblGrading	MaterialExported	0.00	466.00
tblGrading	MaterialImported	0.00	190.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00

2.0 Emissions Summary

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2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.5700e-003	0.0000	1.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.5000e-004	2.5000e-004	0.0000		2.7000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0505	0.1985	0.4988	1.5200e-003	0.1177	1.8300e-003	0.1195	0.0315	1.7300e-003	0.0332		152.8919	152.8919	6.1500e-003		153.0457
Total	0.0531	0.1985	0.4989	1.5200e-003	0.1177	1.8300e-003	0.1195	0.0315	1.7300e-003	0.0332		152.8921	152.8921	6.1500e-003	0.0000	153.0459

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	2.5700e-003	0.0000	1.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.5000e-004	2.5000e-004	0.0000		2.7000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0505	0.1985	0.4988	1.5200e-003	0.1177	1.8300e-003	0.1195	0.0315	1.7300e-003	0.0332		152.8919	152.8919	6.1500e-003		153.0457
Total	0.0531	0.1985	0.4989	1.5200e-003	0.1177	1.8300e-003	0.1195	0.0315	1.7300e-003	0.0332		152.8921	152.8921	6.1500e-003	0.0000	153.0459

Brisbane - 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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	6/15/2020	7/9/2020	5	2	
2	Demolition	Demolition	7/13/2020	7/18/2020	5	20	
3	Grading	Grading	7/21/2020	10/15/2020	5	4	
4	Construction	Building Construction	10/1/2020	10/15/2020	5	11	

Acres of Grading (Site Preparation Phase): 1

Acres of Grading (Grading Phase): 1.5

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Rubber Tired Dozers	1	7.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Grading	Graders	1	6.00	187	0.41
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Construction	Cement and Mortar Mixers	1	6.00	9	0.56
Construction	Cranes	0	6.00	231	0.29
Construction	Cranes	0	6.00	231	0.29
Construction	Forklifts	0	6.00	89	0.20
Construction	Generator Sets	0	8.00	84	0.74
Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Construction	Welders	0	8.00	46	0.45
Construction	Welders	0	8.00	46	0.45

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
Site Preparation	3	8.00	0.00	58.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Demolition	5	13.00	0.00	1.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	8.00	0.00	55.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Construction	2	21.00	8.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Brisbane - Bay Area AQMD Air District, Summer

3.1 Mitigation Measures Construction

3.2 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					5.8259	0.0000	5.8259	2.9577	0.0000	2.9577			0.0000			0.0000
Off-Road	1.6299	18.3464	7.7093	0.0172		0.8210	0.8210		0.7553	0.7553		1,667.4119	1,667.4119	0.5393		1,680.8937
Total	1.6299	18.3464	7.7093	0.0172	5.8259	0.8210	6.6469	2.9577	0.7553	3.7130		1,667.4119	1,667.4119	0.5393		1,680.8937

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	0.2393	8.3069	1.6509	0.0231	0.1636	0.0272	0.1907	0.0546	0.0260	0.0806		2,467.2723	2,467.2723	0.1234		2,470.3579
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	0.0278	0.0168	0.2146	6.6000e-004	0.0657	4.3000e-004	0.0661	0.0174	3.9000e-004	0.0178		65.6621	65.6621	1.5800e-003		65.7017
Total	0.2671	8.3237	1.8656	0.0237	0.2293	0.0276	0.2569	0.0721	0.0264	0.0984		2,532.9344	2,532.9344	0.1250		2,536.0596

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3.2 Site Preparation - 2020

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					5.8259	0.0000	5.8259	2.9577	0.0000	2.9577			0.0000			0.0000
Off-Road	1.6299	18.3464	7.7093	0.0172		0.8210	0.8210		0.7553	0.7553	0.0000	1,667.4119	1,667.4119	0.5393		1,680.8937
Total	1.6299	18.3464	7.7093	0.0172	5.8259	0.8210	6.6469	2.9577	0.7553	3.7130	0.0000	1,667.4119	1,667.4119	0.5393		1,680.8937

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	0.2393	8.3069	1.6509	0.0231	0.1636	0.0272	0.1907	0.0546	0.0260	0.0806		2,467.2723	2,467.2723	0.1234		2,470.3579
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	0.0278	0.0168	0.2146	6.6000e-004	0.0657	4.3000e-004	0.0661	0.0174	3.9000e-004	0.0178		65.6621	65.6621	1.5800e-003		65.7017
Total	0.2671	8.3237	1.8656	0.0237	0.2293	0.0276	0.2569	0.0721	0.0264	0.0984		2,532.9344	2,532.9344	0.1250		2,536.0596

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3.3 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					7.4900e-003	0.0000	7.4900e-003	1.1300e-003	0.0000	1.1300e-003			0.0000			0.0000
Off-Road	2.1262	20.9463	14.6573	0.0241		1.1525	1.1525		1.0761	1.0761		2,322.3127	2,322.3127	0.5970		2,337.2363
Total	2.1262	20.9463	14.6573	0.0241	7.4900e-003	1.1525	1.1600	1.1300e-003	1.0761	1.0773		2,322.3127	2,322.3127	0.5970		2,337.2363

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	4.1000e-004	0.0143	2.8500e-003	4.0000e-005	2.8600e-003	5.0000e-005	2.9000e-003	7.3000e-004	4.0000e-005	7.7000e-004		4.2539	4.2539	2.1000e-004		4.2592
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	0.0452	0.0274	0.3488	1.0700e-003	0.1068	6.9000e-004	0.1075	0.0283	6.4000e-004	0.0290		106.7010	106.7010	2.5700e-003		106.7652
Total	0.0456	0.0417	0.3517	1.1100e-003	0.1097	7.4000e-004	0.1104	0.0291	6.8000e-004	0.0297		110.9549	110.9549	2.7800e-003		111.0245

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3.3 Demolition - 2020

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					7.4900e-003	0.0000	7.4900e-003	1.1300e-003	0.0000	1.1300e-003			0.0000			0.0000
Off-Road	2.1262	20.9463	14.6573	0.0241		1.1525	1.1525		1.0761	1.0761	0.0000	2,322.3127	2,322.3127	0.5970		2,337.2363
Total	2.1262	20.9463	14.6573	0.0241	7.4900e-003	1.1525	1.1600	1.1300e-003	1.0761	1.0773	0.0000	2,322.3127	2,322.3127	0.5970		2,337.2363

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	4.1000e-004	0.0143	2.8500e-003	4.0000e-005	2.8600e-003	5.0000e-005	2.9000e-003	7.3000e-004	4.0000e-005	7.7000e-004		4.2539	4.2539	2.1000e-004		4.2592
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	0.0452	0.0274	0.3488	1.0700e-003	0.1068	6.9000e-004	0.1075	0.0283	6.4000e-004	0.0290		106.7010	106.7010	2.5700e-003		106.7652
Total	0.0456	0.0417	0.3517	1.1100e-003	0.1097	7.4000e-004	0.1104	0.0291	6.8000e-004	0.0297		110.9549	110.9549	2.7800e-003		111.0245

Brisbane - Bay Area AQMD Air District, Summer

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					4.9267	0.0000	4.9267	2.5275	0.0000	2.5275			0.0000			0.0000
Off-Road	1.3498	15.0854	6.4543	0.0141		0.6844	0.6844		0.6296	0.6296		1,365.7183	1,365.7183	0.4417		1,376.7609
Total	1.3498	15.0854	6.4543	0.0141	4.9267	0.6844	5.6111	2.5275	0.6296	3.1571		1,365.7183	1,365.7183	0.4417		1,376.7609

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	0.1135	3.9386	0.7828	0.0109	0.0700	0.0129	0.0828	0.0240	0.0123	0.0364		1,169.8274	1,169.8274	0.0585		1,171.2904
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	0.0278	0.0168	0.2146	6.6000e-004	0.0657	4.3000e-004	0.0661	0.0174	3.9000e-004	0.0178		65.6621	65.6621	1.5800e-003		65.7017
Total	0.1413	3.9554	0.9974	0.0116	0.1357	0.0133	0.1490	0.0415	0.0127	0.0542		1,235.4895	1,235.4895	0.0601		1,236.9921

Brisbane - Bay Area AQMD Air District, Summer

3.4 Grading - 2020

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					4.9267	0.0000	4.9267	2.5275	0.0000	2.5275			0.0000			0.0000
Off-Road	1.3498	15.0854	6.4543	0.0141		0.6844	0.6844		0.6296	0.6296	0.0000	1,365.718 3	1,365.718 3	0.4417		1,376.760 9
Total	1.3498	15.0854	6.4543	0.0141	4.9267	0.6844	5.6111	2.5275	0.6296	3.1571	0.0000	1,365.718 3	1,365.718 3	0.4417		1,376.760 9

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	0.1135	3.9386	0.7828	0.0109	0.0700	0.0129	0.0828	0.0240	0.0123	0.0364		1,169.827 4	1,169.827 4	0.0585		1,171.290 4
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	0.0278	0.0168	0.2146	6.6000e-004	0.0657	4.3000e-004	0.0661	0.0174	3.9000e-004	0.0178		65.6621	65.6621	1.5800e-003		65.7017
Total	0.1413	3.9554	0.9974	0.0116	0.1357	0.0133	0.1490	0.0415	0.0127	0.0542		1,235.489 5	1,235.489 5	0.0601		1,236.992 1

Brisbane - Bay Area AQMD Air District, Summer

3.5 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	0.2012	1.8550	1.9411	2.8600e-003		0.1106	0.1106		0.1026	0.1026		263.4636	263.4636	0.0769		265.3859
Total	0.2012	1.8550	1.9411	2.8600e-003		0.1106	0.1106		0.1026	0.1026		263.4636	263.4636	0.0769		265.3859

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	0.0303	0.9117	0.2175	2.2000e-003	0.0542	4.4700e-003	0.0586	0.0156	4.2800e-003	0.0199		233.3664	233.3664	0.0115		233.6537
Worker	0.0730	0.0442	0.5634	1.7300e-003	0.1725	1.1200e-003	0.1736	0.0458	1.0300e-003	0.0468		172.3631	172.3631	4.1500e-003		172.4669
Total	0.1033	0.9559	0.7809	3.9300e-003	0.2267	5.5900e-003	0.2323	0.0614	5.3100e-003	0.0667		405.7295	405.7295	0.0156		406.1207

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3.5 Construction - 2020

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	0.2012	1.8550	1.9411	2.8600e-003		0.1106	0.1106		0.1026	0.1026	0.0000	263.4636	263.4636	0.0769		265.3859
Total	0.2012	1.8550	1.9411	2.8600e-003		0.1106	0.1106		0.1026	0.1026	0.0000	263.4636	263.4636	0.0769		265.3859

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	0.0303	0.9117	0.2175	2.2000e-003	0.0542	4.4700e-003	0.0586	0.0156	4.2800e-003	0.0199		233.3664	233.3664	0.0115		233.6537
Worker	0.0730	0.0442	0.5634	1.7300e-003	0.1725	1.1200e-003	0.1736	0.0458	1.0300e-003	0.0468		172.3631	172.3631	4.1500e-003		172.4669
Total	0.1033	0.9559	0.7809	3.9300e-003	0.2267	5.5900e-003	0.2323	0.0614	5.3100e-003	0.0667		405.7295	405.7295	0.0156		406.1207

4.0 Operational Detail - Mobile

Brisbane - Bay Area AQMD Air District, Summer

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0505	0.1985	0.4988	1.5200e-003	0.1177	1.8300e-003	0.1195	0.0315	1.7300e-003	0.0332		152.8919	152.8919	6.1500e-003		153.0457
Unmitigated	0.0505	0.1985	0.4988	1.5200e-003	0.1177	1.8300e-003	0.1195	0.0315	1.7300e-003	0.0332		152.8919	152.8919	6.1500e-003		153.0457

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	2.15	25.94	19.08	17,015	17,015
Total	2.15	25.94	19.08	17,015	17,015

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
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.570523	0.041853	0.194077	0.115893	0.018544	0.005373	0.016909	0.024079	0.002502	0.002562	0.005975	0.000872	0.000837

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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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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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					
City Park	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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					
City Park	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.5700e-003	0.0000	1.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.5000e-004	2.5000e-004	0.0000		2.7000e-004
Unmitigated	2.5700e-003	0.0000	1.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.5000e-004	2.5000e-004	0.0000		2.7000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.5600e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.5000e-004	2.5000e-004	0.0000		2.7000e-004
Total	2.5700e-003	0.0000	1.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.5000e-004	2.5000e-004	0.0000		2.7000e-004

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6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.5600e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.5000e-004	2.5000e-004	0.0000		2.7000e-004
Total	2.5700e-003	0.0000	1.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.5000e-004	2.5000e-004	0.0000		2.7000e-004

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

Brisbane - Bay Area AQMD Air District, Summer

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
