

Franklin Canyon RV Park - Contra Costa County, Annual

**Franklin Canyon RV Park
Contra Costa County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	35.00	Acre	35.00	1,524,600.00	0
Fast Food Restaurant w/o Drive Thru	11.63	1000sqft	0.27	11,625.00	0
Golf Course	0.25	Acre	0.25	10,890.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	58
Climate Zone	5			Operational Year	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

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Project Characteristics - MIG Modeler: Phil Gleason

Land Use - Golf course land use for putting green. Parking Lot for roadway and RV parking. Fast food rest for new clubhouse (11,625 sf). Sources: EdingerArchitects (Clubhouse Prelim Floor Plan 03-11-20) and Concep Civil C3 Site Plan 2020-06-03.

Construction Phase - Phasing updated per Applicant response (dated Aug 28, 2020). Assumes clubhouse constructed in two months. Default CalEEMod assumptions for arch coating.

Off-road Equipment -

Off-road Equipment - Building Const - removed gen set (assumes elec hookups on site, since util work will be complete) and no TLB since just vertical dev.

Off-road Equipment - Clearing and Grubbing - Equipment updated based on info from Applicant (Aug 28, 2020)

Off-road Equipment - Demo - Equipment updated based on info from Applicant (Aug 28, 2020).

Off-road Equipment - Grading - Equipment updated based on info from Applicant (Aug 28, 2020)

Off-road Equipment - Pad Base and Pavement - Equipment updated based on info from Applicant (Aug 28, 2020)

Off-road Equipment - Util Inst, Sewage - Equipment updated based on info from Applicant (Aug 28, 2020)

Trips and VMT - Worker trips reduced per size of clubhouse and off-road equipment for arch coat (1 air compressor). Adj vendor to account for util infrastructure (pipes) and paving material (aggregate and asphalt) per info from Applicant.

Demolition - Demo - Existing 7,200 sf clubhouse demoed.

Grading - Dust from Mat Movement (Acres Graded) - Increased from 25 to 142 to reflect four passes of the graded area (35.5 acres).

Vehicle Trips - Per Abrams Associates (Table 3), project results in 126 fewer trips to site on a daily basis. VMT analysis conducted by DKS concludes overall effect of project would be reduced or unchanged VMT.

Energy Use -

Construction Off-road Equipment Mitigation - Watering twice per day consistent with BAAQMD fug dust BMPs.

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Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	740.00	44.00
tblConstructionPhase	NumDays	50.00	1.00
tblConstructionPhase	NumDays	75.00	25.00
tblConstructionPhase	NumDays	30.00	10.00
tblGrading	AcresOfGrading	25.00	142.00
tblLandUse	LandUseSquareFeet	11,630.00	11,625.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	254.00	10.00
tblTripsAndVMT	WorkerTripNumber	650.00	15.00
tblTripsAndVMT	WorkerTripNumber	130.00	15.00
tblVehicleTrips	ST_TR	696.00	0.00
tblVehicleTrips	ST_TR	5.82	0.00
tblVehicleTrips	SU_TR	500.00	0.00
tblVehicleTrips	SU_TR	5.88	0.00
tblVehicleTrips	WD_TR	716.00	0.00
tblVehicleTrips	WD_TR	5.04	0.00

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2.0 Emissions Summary

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					
2021	0.1700	1.4971	0.7299	1.7500e-003	0.4034	0.0629	0.4663	0.1848	0.0578	0.2426	0.0000	154.7512	154.7512	0.0456	0.0000	155.8907
2022	0.4233	0.3293	0.2736	6.0000e-004	8.1800e-003	0.0149	0.0231	2.2200e-003	0.0140	0.0162	0.0000	52.1040	52.1040	0.0107	0.0000	52.3712
Maximum	0.4233	1.4971	0.7299	1.7500e-003	0.4034	0.0629	0.4663	0.1848	0.0578	0.2426	0.0000	154.7512	154.7512	0.0456	0.0000	155.8907

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					
2021	0.1700	1.4971	0.7299	1.7500e-003	0.1862	0.0629	0.2490	0.0844	0.0578	0.1422	0.0000	154.7510	154.7510	0.0456	0.0000	155.8906
2022	0.4233	0.3293	0.2736	6.0000e-004	8.1800e-003	0.0149	0.0231	2.2200e-003	0.0140	0.0162	0.0000	52.1039	52.1039	0.0107	0.0000	52.3711
Maximum	0.4233	1.4971	0.7299	1.7500e-003	0.1862	0.0629	0.2490	0.0844	0.0578	0.1422	0.0000	154.7510	154.7510	0.0456	0.0000	155.8906

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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	52.78	0.00	44.40	53.67	0.00	38.78	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	8-1-2021	10-31-2021	1.1324	1.1324
2	11-1-2021	1-31-2022	0.6564	0.6564
3	2-1-2022	4-30-2022	0.4087	0.4087
4	5-1-2022	7-31-2022	0.1821	0.1821
		Highest	1.1324	1.1324

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	0.1820	0.0000	4.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	8.4000e-004	8.4000e-004	0.0000	0.0000	8.9000e-004
Energy	0.0105	0.0957	0.0804	5.7000e-004		7.2700e-003	7.2700e-003		7.2700e-003	7.2700e-003	0.0000	357.4091	357.4091	0.0135	4.2800e-003	359.0203
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	27.2414	0.0000	27.2414	1.6099	0.0000	67.4894
Water						0.0000	0.0000		0.0000	0.0000	1.1199	6.0895	7.2095	0.1153	2.7700e-003	10.9184
Total	0.1925	0.0957	0.0808	5.7000e-004	0.0000	7.2700e-003	7.2700e-003	0.0000	7.2700e-003	7.2700e-003	28.3613	363.4994	391.8607	1.7387	7.0500e-003	437.4290

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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	0.1820	0.0000	4.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	8.4000e-004	8.4000e-004	0.0000	0.0000	8.9000e-004
Energy	0.0105	0.0957	0.0804	5.7000e-004		7.2700e-003	7.2700e-003		7.2700e-003	7.2700e-003	0.0000	357.4091	357.4091	0.0135	4.2800e-003	359.0203
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	27.2414	0.0000	27.2414	1.6099	0.0000	67.4894
Water						0.0000	0.0000		0.0000	0.0000	1.1199	6.0895	7.2095	0.1153	2.7700e-003	10.9184
Total	0.1925	0.0957	0.0808	5.7000e-004	0.0000	7.2700e-003	7.2700e-003	0.0000	7.2700e-003	7.2700e-003	28.3613	363.4994	391.8607	1.7387	7.0500e-003	437.4290

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

3.0 Construction Detail

Construction Phase

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	8/1/2021	8/2/2021	5	1	
2	Clearing and Grubbing	Site Preparation	8/2/2021	8/15/2021	5	10	
3	Grading	Grading	8/16/2021	9/17/2021	5	25	
4	Util Installation, Sewage, Base Placement	Trenching	9/20/2021	10/31/2021	5	30	
5	Pad Base and Pavement, Clubhouse Found	Paving	11/1/2021	1/15/2022	5	55	
6	Building Construction	Building Construction	1/17/2022	3/17/2022	5	44	
7	Architectural Coating	Architectural Coating	3/18/2022	6/2/2022	5	55	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 142

Acres of Paving: 35

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 17,438; Non-Residential Outdoor: 5,813; Striped Parking Area: 91,476 (Architectural Coating – sqft)

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Rubber Tired Dozers	3	8.00	247	0.40
Demolition	Sweepers/Scrubbers	1	8.00	64	0.46
Demolition	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Clearing and Grubbing	Rubber Tired Dozers	3	8.00	247	0.40
Clearing and Grubbing	Sweepers/Scrubbers	1	8.00	64	0.46
Clearing and Grubbing	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Grading	Excavators	0	8.00	158	0.38
Grading	Graders	2	8.00	187	0.41
Grading	Rubber Tired Dozers	3	8.00	247	0.40
Grading	Scrapers	0	8.00	367	0.48
Grading	Sweepers/Scrubbers	1	8.00	64	0.46
Util Installation, Sewage, Base Placement	Excavators	2	8.00	158	0.38
Util Installation, Sewage, Base Placement	Graders	2	8.00	187	0.41
Pad Base and Pavement, Clubhouse Found	Graders	2	8.00	187	0.41
Pad Base and Pavement, Clubhouse Found	Pavers	1	8.00	130	0.42
Pad Base and Pavement, Clubhouse Found	Rollers	2	8.00	80	0.38
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

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Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	33.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Clearing and Grubbing	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Util Installation, Sewage Base Placem	4	10.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Pad Base and Pavement Clubhouse	5	13.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	15.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.5400e-003	0.0000	3.5400e-003	5.4000e-004	0.0000	5.4000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.8700e-003	0.0194	9.2900e-003	2.0000e-005		9.9000e-004	9.9000e-004		9.1000e-004	9.1000e-004	0.0000	1.5105	1.5105	4.9000e-004	0.0000	1.5227
Total	1.8700e-003	0.0194	9.2900e-003	2.0000e-005	3.5400e-003	9.9000e-004	4.5300e-003	5.4000e-004	9.1000e-004	1.4500e-003	0.0000	1.5105	1.5105	4.9000e-004	0.0000	1.5227

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3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.3000e-004	4.4200e-003	8.8000e-004	1.0000e-005	2.8000e-004	1.0000e-005	2.9000e-004	8.0000e-005	1.0000e-005	9.0000e-005	0.0000	1.2357	1.2357	5.0000e-005	0.0000	1.2371
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	2.0000e-005	1.7000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0503	0.0503	0.0000	0.0000	0.0504
Total	1.5000e-004	4.4400e-003	1.0500e-003	1.0000e-005	3.4000e-004	1.0000e-005	3.5000e-004	1.0000e-004	1.0000e-005	1.1000e-004	0.0000	1.2861	1.2861	5.0000e-005	0.0000	1.2874

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					1.5900e-003	0.0000	1.5900e-003	2.4000e-004	0.0000	2.4000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.8700e-003	0.0194	9.2900e-003	2.0000e-005		9.9000e-004	9.9000e-004		9.1000e-004	9.1000e-004	0.0000	1.5105	1.5105	4.9000e-004	0.0000	1.5227
Total	1.8700e-003	0.0194	9.2900e-003	2.0000e-005	1.5900e-003	9.9000e-004	2.5800e-003	2.4000e-004	9.1000e-004	1.1500e-003	0.0000	1.5105	1.5105	4.9000e-004	0.0000	1.5227

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3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.3000e-004	4.4200e-003	8.8000e-004	1.0000e-005	2.8000e-004	1.0000e-005	2.9000e-004	8.0000e-005	1.0000e-005	9.0000e-005	0.0000	1.2357	1.2357	5.0000e-005	0.0000	1.2371
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	2.0000e-005	1.7000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0503	0.0503	0.0000	0.0000	0.0504
Total	1.5000e-004	4.4400e-003	1.0500e-003	1.0000e-005	3.4000e-004	1.0000e-005	3.5000e-004	1.0000e-004	1.0000e-005	1.1000e-004	0.0000	1.2861	1.2861	5.0000e-005	0.0000	1.2874

3.3 Clearing and Grubbing - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0903	0.0000	0.0903	0.0497	0.0000	0.0497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0187	0.1938	0.0929	1.7000e-004		9.8600e-003	9.8600e-003		9.0700e-003	9.0700e-003	0.0000	15.1048	15.1048	4.8900e-003	0.0000	15.2269
Total	0.0187	0.1938	0.0929	1.7000e-004	0.0903	9.8600e-003	0.1002	0.0497	9.0700e-003	0.0587	0.0000	15.1048	15.1048	4.8900e-003	0.0000	15.2269

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3.3 Clearing and Grubbing - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3000e-004	1.6000e-004	1.7200e-003	1.0000e-005	5.9000e-004	0.0000	6.0000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.5033	0.5033	1.0000e-005	0.0000	0.5036
Total	2.3000e-004	1.6000e-004	1.7200e-003	1.0000e-005	5.9000e-004	0.0000	6.0000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.5033	0.5033	1.0000e-005	0.0000	0.5036

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					0.0407	0.0000	0.0407	0.0223	0.0000	0.0223	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0187	0.1938	0.0929	1.7000e-004		9.8600e-003	9.8600e-003		9.0700e-003	9.0700e-003	0.0000	15.1048	15.1048	4.8900e-003	0.0000	15.2269
Total	0.0187	0.1938	0.0929	1.7000e-004	0.0407	9.8600e-003	0.0505	0.0223	9.0700e-003	0.0314	0.0000	15.1048	15.1048	4.8900e-003	0.0000	15.2269

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3.3 Clearing and Grubbing - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3000e-004	1.6000e-004	1.7200e-003	1.0000e-005	5.9000e-004	0.0000	6.0000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.5033	0.5033	1.0000e-005	0.0000	0.5036
Total	2.3000e-004	1.6000e-004	1.7200e-003	1.0000e-005	5.9000e-004	0.0000	6.0000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.5033	0.5033	1.0000e-005	0.0000	0.5036

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3011	0.0000	0.3011	0.1323	0.0000	0.1323	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0534	0.5853	0.2200	5.2000e-004		0.0266	0.0266		0.0244	0.0244	0.0000	45.4908	45.4908	0.0147	0.0000	45.8586
Total	0.0534	0.5853	0.2200	5.2000e-004	0.3011	0.0266	0.3277	0.1323	0.0244	0.1567	0.0000	45.4908	45.4908	0.0147	0.0000	45.8586

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3.4 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	5.8000e-004	4.1000e-004	4.2900e-003	1.0000e-005	1.4900e-003	1.0000e-005	1.5000e-003	4.0000e-004	1.0000e-005	4.0000e-004	0.0000	1.2584	1.2584	3.0000e-005	0.0000	1.2591
Total	5.8000e-004	4.1000e-004	4.2900e-003	1.0000e-005	1.4900e-003	1.0000e-005	1.5000e-003	4.0000e-004	1.0000e-005	4.0000e-004	0.0000	1.2584	1.2584	3.0000e-005	0.0000	1.2591

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					0.1355	0.0000	0.1355	0.0595	0.0000	0.0595	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0534	0.5853	0.2200	5.2000e-004		0.0266	0.0266		0.0244	0.0244	0.0000	45.4907	45.4907	0.0147	0.0000	45.8586
Total	0.0534	0.5853	0.2200	5.2000e-004	0.1355	0.0266	0.1621	0.0595	0.0244	0.0840	0.0000	45.4907	45.4907	0.0147	0.0000	45.8586

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3.4 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	5.8000e-004	4.1000e-004	4.2900e-003	1.0000e-005	1.4900e-003	1.0000e-005	1.5000e-003	4.0000e-004	1.0000e-005	4.0000e-004	0.0000	1.2584	1.2584	3.0000e-005	0.0000	1.2591
Total	5.8000e-004	4.1000e-004	4.2900e-003	1.0000e-005	1.4900e-003	1.0000e-005	1.5000e-003	4.0000e-004	1.0000e-005	4.0000e-004	0.0000	1.2584	1.2584	3.0000e-005	0.0000	1.2591

3.5 Util Installation, Sewage, Base Placement - 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	0.0205	0.2423	0.1512	3.5000e-004		8.7600e-003	8.7600e-003		8.0600e-003	8.0600e-003	0.0000	31.0768	31.0768	0.0101	0.0000	31.3281
Total	0.0205	0.2423	0.1512	3.5000e-004		8.7600e-003	8.7600e-003		8.0600e-003	8.0600e-003	0.0000	31.0768	31.0768	0.0101	0.0000	31.3281

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3.5 Util Installation, Sewage, Base Placement - 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	4.9000e-004	0.0155	3.9400e-003	4.0000e-005	9.9000e-004	3.0000e-005	1.0200e-003	2.9000e-004	3.0000e-005	3.2000e-004	0.0000	3.8776	3.8776	1.8000e-004	0.0000	3.8821
Worker	4.6000e-004	3.2000e-004	3.4400e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0067	1.0067	2.0000e-005	0.0000	1.0073
Total	9.5000e-004	0.0158	7.3800e-003	5.0000e-005	2.1800e-003	4.0000e-005	2.2200e-003	6.1000e-004	4.0000e-005	6.4000e-004	0.0000	4.8843	4.8843	2.0000e-004	0.0000	4.8893

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	0.0205	0.2423	0.1512	3.5000e-004		8.7600e-003	8.7600e-003		8.0600e-003	8.0600e-003	0.0000	31.0767	31.0767	0.0101	0.0000	31.3280
Total	0.0205	0.2423	0.1512	3.5000e-004		8.7600e-003	8.7600e-003		8.0600e-003	8.0600e-003	0.0000	31.0767	31.0767	0.0101	0.0000	31.3280

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3.5 Util Installation, Sewage, Base Placement - 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	4.9000e-004	0.0155	3.9400e-003	4.0000e-005	9.9000e-004	3.0000e-005	1.0200e-003	2.9000e-004	3.0000e-005	3.2000e-004	0.0000	3.8776	3.8776	1.8000e-004	0.0000	3.8821
Worker	4.6000e-004	3.2000e-004	3.4400e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0067	1.0067	2.0000e-005	0.0000	1.0073
Total	9.5000e-004	0.0158	7.3800e-003	5.0000e-005	2.1800e-003	4.0000e-005	2.2200e-003	6.1000e-004	4.0000e-005	6.4000e-004	0.0000	4.8843	4.8843	2.0000e-004	0.0000	4.8893

3.6 Pad Base and Pavement, Clubhouse Found - 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	0.0345	0.4116	0.2295	5.2000e-004		0.0166	0.0166		0.0152	0.0152	0.0000	45.8570	45.8570	0.0148	0.0000	46.2277
Paving	0.0375					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0720	0.4116	0.2295	5.2000e-004		0.0166	0.0166		0.0152	0.0152	0.0000	45.8570	45.8570	0.0148	0.0000	46.2277

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3.6 Pad Base and Pavement, Clubhouse Found - 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	7.4000e-004	0.0233	5.9100e-003	6.0000e-005	1.4800e-003	5.0000e-005	1.5300e-003	4.3000e-004	5.0000e-005	4.8000e-004	0.0000	5.8164	5.8164	2.7000e-004	0.0000	5.8231
Worker	9.1000e-004	6.3000e-004	6.7000e-003	2.0000e-005	2.3200e-003	2.0000e-005	2.3300e-003	6.2000e-004	1.0000e-005	6.3000e-004	0.0000	1.9630	1.9630	4.0000e-005	0.0000	1.9642
Total	1.6500e-003	0.0239	0.0126	8.0000e-005	3.8000e-003	7.0000e-005	3.8600e-003	1.0500e-003	6.0000e-005	1.1100e-003	0.0000	7.7794	7.7794	3.1000e-004	0.0000	7.7873

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	0.0345	0.4116	0.2295	5.2000e-004		0.0166	0.0166		0.0152	0.0152	0.0000	45.8569	45.8569	0.0148	0.0000	46.2277
Paving	0.0375					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0720	0.4116	0.2295	5.2000e-004		0.0166	0.0166		0.0152	0.0152	0.0000	45.8569	45.8569	0.0148	0.0000	46.2277

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3.6 Pad Base and Pavement, Clubhouse Found - 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	7.4000e-004	0.0233	5.9100e-003	6.0000e-005	1.4800e-003	5.0000e-005	1.5300e-003	4.3000e-004	5.0000e-005	4.8000e-004	0.0000	5.8164	5.8164	2.7000e-004	0.0000	5.8231
Worker	9.1000e-004	6.3000e-004	6.7000e-003	2.0000e-005	2.3200e-003	2.0000e-005	2.3300e-003	6.2000e-004	1.0000e-005	6.3000e-004	0.0000	1.9630	1.9630	4.0000e-005	0.0000	1.9642
Total	1.6500e-003	0.0239	0.0126	8.0000e-005	3.8000e-003	7.0000e-005	3.8600e-003	1.0500e-003	6.0000e-005	1.1100e-003	0.0000	7.7794	7.7794	3.1000e-004	0.0000	7.7873

3.6 Pad Base and Pavement, Clubhouse Found - 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	6.8500e-003	0.0803	0.0502	1.2000e-004		3.1700e-003	3.1700e-003		2.9100e-003	2.9100e-003	0.0000	10.1878	10.1878	3.2900e-003	0.0000	10.2702
Paving	8.3400e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0152	0.0803	0.0502	1.2000e-004		3.1700e-003	3.1700e-003		2.9100e-003	2.9100e-003	0.0000	10.1878	10.1878	3.2900e-003	0.0000	10.2702

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3.6 Pad Base and Pavement, Clubhouse Found - 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	1.5000e-004	4.8800e-003	1.2300e-003	1.0000e-005	3.3000e-004	1.0000e-005	3.4000e-004	1.0000e-004	1.0000e-005	1.0000e-004	0.0000	1.2803	1.2803	6.0000e-005	0.0000	1.2817
Worker	1.9000e-004	1.3000e-004	1.3700e-003	0.0000	5.2000e-004	0.0000	5.2000e-004	1.4000e-004	0.0000	1.4000e-004	0.0000	0.4200	0.4200	1.0000e-005	0.0000	0.4203
Total	3.4000e-004	5.0100e-003	2.6000e-003	1.0000e-005	8.5000e-004	1.0000e-005	8.6000e-004	2.4000e-004	1.0000e-005	2.4000e-004	0.0000	1.7003	1.7003	7.0000e-005	0.0000	1.7020

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	6.8500e-003	0.0803	0.0502	1.2000e-004		3.1700e-003	3.1700e-003		2.9100e-003	2.9100e-003	0.0000	10.1878	10.1878	3.2900e-003	0.0000	10.2702
Paving	8.3400e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0152	0.0803	0.0502	1.2000e-004		3.1700e-003	3.1700e-003		2.9100e-003	2.9100e-003	0.0000	10.1878	10.1878	3.2900e-003	0.0000	10.2702

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3.6 Pad Base and Pavement, Clubhouse Found - 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	1.5000e-004	4.8800e-003	1.2300e-003	1.0000e-005	3.3000e-004	1.0000e-005	3.4000e-004	1.0000e-004	1.0000e-005	1.0000e-004	0.0000	1.2803	1.2803	6.0000e-005	0.0000	1.2817
Worker	1.9000e-004	1.3000e-004	1.3700e-003	0.0000	5.2000e-004	0.0000	5.2000e-004	1.4000e-004	0.0000	1.4000e-004	0.0000	0.4200	0.4200	1.0000e-005	0.0000	0.4203
Total	3.4000e-004	5.0100e-003	2.6000e-003	1.0000e-005	8.5000e-004	1.0000e-005	8.6000e-004	2.4000e-004	1.0000e-005	2.4000e-004	0.0000	1.7003	1.7003	7.0000e-005	0.0000	1.7020

3.7 Building Construction - 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	0.0208	0.1824	0.1499	2.7000e-004		9.3600e-003	9.3600e-003		8.7300e-003	8.7300e-003	0.0000	22.7631	22.7631	6.5200e-003	0.0000	22.9261
Total	0.0208	0.1824	0.1499	2.7000e-004		9.3600e-003	9.3600e-003		8.7300e-003	8.7300e-003	0.0000	22.7631	22.7631	6.5200e-003	0.0000	22.9261

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3.7 Building Construction - 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	6.7000e-004	0.0215	5.4200e-003	6.0000e-005	1.4500e-003	4.0000e-005	1.4900e-003	4.2000e-004	4.0000e-005	4.6000e-004	0.0000	5.6332	5.6332	2.5000e-004	0.0000	5.6395
Worker	9.5000e-004	6.4000e-004	6.9400e-003	2.0000e-005	2.6200e-003	2.0000e-005	2.6300e-003	7.0000e-004	2.0000e-005	7.1000e-004	0.0000	2.1325	2.1325	5.0000e-005	0.0000	2.1336
Total	1.6200e-003	0.0221	0.0124	8.0000e-005	4.0700e-003	6.0000e-005	4.1200e-003	1.1200e-003	6.0000e-005	1.1700e-003	0.0000	7.7657	7.7657	3.0000e-004	0.0000	7.7731

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	0.0208	0.1824	0.1499	2.7000e-004		9.3600e-003	9.3600e-003		8.7300e-003	8.7300e-003	0.0000	22.7631	22.7631	6.5200e-003	0.0000	22.9260
Total	0.0208	0.1824	0.1499	2.7000e-004		9.3600e-003	9.3600e-003		8.7300e-003	8.7300e-003	0.0000	22.7631	22.7631	6.5200e-003	0.0000	22.9260

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3.7 Building Construction - 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	6.7000e-004	0.0215	5.4200e-003	6.0000e-005	1.4500e-003	4.0000e-005	1.4900e-003	4.2000e-004	4.0000e-005	4.6000e-004	0.0000	5.6332	5.6332	2.5000e-004	0.0000	5.6395
Worker	9.5000e-004	6.4000e-004	6.9400e-003	2.0000e-005	2.6200e-003	2.0000e-005	2.6300e-003	7.0000e-004	2.0000e-005	7.1000e-004	0.0000	2.1325	2.1325	5.0000e-005	0.0000	2.1336
Total	1.6200e-003	0.0221	0.0124	8.0000e-005	4.0700e-003	6.0000e-005	4.1200e-003	1.1200e-003	6.0000e-005	1.1700e-003	0.0000	7.7657	7.7657	3.0000e-004	0.0000	7.7731

3.8 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3786					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.6200e-003	0.0387	0.0499	8.0000e-005		2.2500e-003	2.2500e-003		2.2500e-003	2.2500e-003	0.0000	7.0215	7.0215	4.6000e-004	0.0000	7.0329
Total	0.3842	0.0387	0.0499	8.0000e-005		2.2500e-003	2.2500e-003		2.2500e-003	2.2500e-003	0.0000	7.0215	7.0215	4.6000e-004	0.0000	7.0329

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3.8 Architectural Coating - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	1.1900e-003	8.0000e-004	8.6800e-003	3.0000e-005	3.2700e-003	2.0000e-005	3.2900e-003	8.7000e-004	2.0000e-005	8.9000e-004	0.0000	2.6656	2.6656	6.0000e-005	0.0000	2.6670
Total	1.1900e-003	8.0000e-004	8.6800e-003	3.0000e-005	3.2700e-003	2.0000e-005	3.2900e-003	8.7000e-004	2.0000e-005	8.9000e-004	0.0000	2.6656	2.6656	6.0000e-005	0.0000	2.6670

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	0.3786					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.6200e-003	0.0387	0.0499	8.0000e-005		2.2500e-003	2.2500e-003		2.2500e-003	2.2500e-003	0.0000	7.0214	7.0214	4.6000e-004	0.0000	7.0329
Total	0.3842	0.0387	0.0499	8.0000e-005		2.2500e-003	2.2500e-003		2.2500e-003	2.2500e-003	0.0000	7.0214	7.0214	4.6000e-004	0.0000	7.0329

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3.8 Architectural Coating - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	1.1900e-003	8.0000e-004	8.6800e-003	3.0000e-005	3.2700e-003	2.0000e-005	3.2900e-003	8.7000e-004	2.0000e-005	8.9000e-004	0.0000	2.6656	2.6656	6.0000e-005	0.0000	2.6670
Total	1.1900e-003	8.0000e-004	8.6800e-003	3.0000e-005	3.2700e-003	2.0000e-005	3.2900e-003	8.7000e-004	2.0000e-005	8.9000e-004	0.0000	2.6656	2.6656	6.0000e-005	0.0000	2.6670

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	0.0000	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Fast Food Restaurant w/o Drive Thru	0.00	0.00	0.00		
Golf Course	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

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
Fast Food Restaurant w/o Drive	9.50	7.30	7.30	1.50	79.50	19.00	51	37	12
Golf Course	9.50	7.30	7.30	33.00	48.00	19.00	52	39	9
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

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Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Fast Food Restaurant w/o Drive Thru	0.586711	0.038259	0.185486	0.120728	0.016377	0.005053	0.010699	0.024311	0.001622	0.001773	0.005406	0.002738	0.000835
Golf Course	0.586711	0.038259	0.185486	0.120728	0.016377	0.005053	0.010699	0.024311	0.001622	0.001773	0.005406	0.002738	0.000835
Parking Lot	0.586711	0.038259	0.185486	0.120728	0.016377	0.005053	0.010699	0.024311	0.001622	0.001773	0.005406	0.002738	0.000835

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	253.2392	253.2392	0.0115	2.3700e-003	254.2314
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	253.2392	253.2392	0.0115	2.3700e-003	254.2314
NaturalGas Mitigated	0.0105	0.0957	0.0804	5.7000e-004		7.2700e-003	7.2700e-003		7.2700e-003	7.2700e-003	0.0000	104.1699	104.1699	2.0000e-003	1.9100e-003	104.7889
NaturalGas Unmitigated	0.0105	0.0957	0.0804	5.7000e-004		7.2700e-003	7.2700e-003		7.2700e-003	7.2700e-003	0.0000	104.1699	104.1699	2.0000e-003	1.9100e-003	104.7889

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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					
Fast Food Restaurant w/o Drive Thru	1.95207e+006	0.0105	0.0957	0.0804	5.7000e-004		7.2700e-003	7.2700e-003		7.2700e-003	7.2700e-003	0.0000	104.1699	104.1699	2.0000e-003	1.9100e-003	104.7889
Golf Course	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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0105	0.0957	0.0804	5.7000e-004		7.2700e-003	7.2700e-003		7.2700e-003	7.2700e-003	0.0000	104.1699	104.1699	2.0000e-003	1.9100e-003	104.7889

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					
Fast Food Restaurant w/o Drive Thru	1.95207e+006	0.0105	0.0957	0.0804	5.7000e-004		7.2700e-003	7.2700e-003		7.2700e-003	7.2700e-003	0.0000	104.1699	104.1699	2.0000e-003	1.9100e-003	104.7889
Golf Course	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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0105	0.0957	0.0804	5.7000e-004		7.2700e-003	7.2700e-003		7.2700e-003	7.2700e-003	0.0000	104.1699	104.1699	2.0000e-003	1.9100e-003	104.7889

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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			
Fast Food Restaurant w/o Drive Thru	336893	98.0059	4.4300e-003	9.2000e-004	98.3899
Golf Course	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	533610	155.2333	7.0200e-003	1.4500e-003	155.8415
Total		253.2392	0.0115	2.3700e-003	254.2314

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Fast Food Restaurant w/o Drive Thru	336893	98.0059	4.4300e-003	9.2000e-004	98.3899
Golf Course	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	533610	155.2333	7.0200e-003	1.4500e-003	155.8415
Total		253.2392	0.0115	2.3700e-003	254.2314

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6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive 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	0.1820	0.0000	4.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	8.4000e-004	8.4000e-004	0.0000	0.0000	8.9000e-004
Unmitigated	0.1820	0.0000	4.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	8.4000e-004	8.4000e-004	0.0000	0.0000	8.9000e-004

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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	0.0379					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1441					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	4.0000e-005	0.0000	4.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	8.4000e-004	8.4000e-004	0.0000	0.0000	8.9000e-004
Total	0.1820	0.0000	4.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	8.4000e-004	8.4000e-004	0.0000	0.0000	8.9000e-004

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	0.0379					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1441					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	4.0000e-005	0.0000	4.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	8.4000e-004	8.4000e-004	0.0000	0.0000	8.9000e-004
Total	0.1820	0.0000	4.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	8.4000e-004	8.4000e-004	0.0000	0.0000	8.9000e-004

7.0 Water Detail

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7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	7.2095	0.1153	2.7700e-003	10.9184
Unmitigated	7.2095	0.1153	2.7700e-003	10.9184

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Fast Food Restaurant w/o Drive Thru	3.5301 / 0.225325	6.9062	0.1153	2.7700e-003	10.6139
Golf Course	0 / 0.29787	0.3033	1.0000e-005	0.0000	0.3045
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		7.2095	0.1153	2.7700e-003	10.9184

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7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Fast Food Restaurant w/o Drive Thru	3.5301 / 0.225325	6.9062	0.1153	2.7700e-003	10.6139
Golf Course	0 / 0.29787	0.3033	1.0000e-005	0.0000	0.3045
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		7.2095	0.1153	2.7700e-003	10.9184

8.0 Waste Detail

8.1 Mitigation Measures Waste

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Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	27.2414	1.6099	0.0000	67.4894
Unmitigated	27.2414	1.6099	0.0000	67.4894

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Fast Food Restaurant w/o Drive Thru	133.97	27.1947	1.6072	0.0000	67.3737
Golf Course	0.23	0.0467	2.7600e-003	0.0000	0.1157
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		27.2414	1.6099	0.0000	67.4894

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8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Fast Food Restaurant w/o Drive Thru	133.97	27.1947	1.6072	0.0000	67.3737
Golf Course	0.23	0.0467	2.7600e-003	0.0000	0.1157
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		27.2414	1.6099	0.0000	67.4894

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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