

901 S Brand BMW Inventory Structure - South Coast AQMD Air District, Annual

901 S Brand BMW Inventory Structure
South Coast AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Automobile Care Center	27.50	1000sqft	1.00	27,500.00	0
Unenclosed Parking with Elevator	171.14	1000sqft	0.60	171,140.00	0
Parking Lot	13.72	1000sqft	0.31	13,720.00	0
	0.00		0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	12			Operational Year	2023
Utility Company	Glendale Water & Power				
CO2 Intensity (lb/MW hr)	1115.33	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 - The project site is 82,550 SF (1.89 acre) and enveloped with two buildings (18,365 SF and 9,192 SF; 27,500 SF total combined) utilized as vehicle repair shops. The new project is to construct a five-level parking structure for vehicle inventory

Grading - 1,750 CY of grading (all export)

Demolition - Demolition will include an at-grade asphalt parking lot (approximately 155' x 220') and a 561 square-foot building.

Construction Phase - Site Preparation and grading will occur over 5 and 6 days, respectfully.

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Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	4.00	6.00
tblConstructionPhase	NumDays	2.00	5.00
tblConstructionPhase	PhaseEndDate	7/10/2023	7/17/2023
tblConstructionPhase	PhaseEndDate	6/12/2023	6/19/2023
tblConstructionPhase	PhaseEndDate	9/5/2022	9/12/2022
tblConstructionPhase	PhaseEndDate	6/26/2023	7/3/2023
tblConstructionPhase	PhaseEndDate	8/30/2022	9/2/2022
tblConstructionPhase	PhaseStartDate	6/27/2023	7/4/2023
tblConstructionPhase	PhaseStartDate	9/6/2022	9/13/2022
tblConstructionPhase	PhaseStartDate	8/31/2022	9/3/2022
tblConstructionPhase	PhaseStartDate	6/13/2023	6/20/2023
tblGrading	AcresOfGrading	2.25	1.50
tblGrading	AcresOfGrading	2.50	1.00
tblGrading	MaterialExported	0.00	1,750.00
tblLandUse	LotAcreage	0.63	1.00
tblLandUse	LotAcreage	3.93	0.60

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					
2022	0.1073	0.9084	0.8329	2.0300e-003	0.0902	0.0354	0.1256	0.0303	0.0338	0.0640	0.0000	178.6060	178.6060	0.0240	0.0000	179.2055
2023	0.2739	0.9058	1.0178	2.4500e-003	0.0721	0.0336	0.1057	0.0195	0.0324	0.0518	0.0000	214.2115	214.2115	0.0245	0.0000	214.8228
Maximum	0.2739	0.9084	1.0178	2.4500e-003	0.0902	0.0354	0.1256	0.0303	0.0338	0.0640	0.0000	214.2115	214.2115	0.0245	0.0000	214.8228

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					
2022	0.1073	0.9084	0.8329	2.0300e-003	0.0902	0.0354	0.1256	0.0303	0.0338	0.0640	0.0000	178.6059	178.6059	0.0240	0.0000	179.2054
2023	0.2739	0.9058	1.0178	2.4500e-003	0.0721	0.0336	0.1057	0.0195	0.0324	0.0518	0.0000	214.2114	214.2114	0.0245	0.0000	214.8226
Maximum	0.2739	0.9084	1.0178	2.4500e-003	0.0902	0.0354	0.1256	0.0303	0.0338	0.0640	0.0000	214.2114	214.2114	0.0245	0.0000	214.8226

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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	8-1-2022	10-31-2022	0.6157	0.6157
2	11-1-2022	1-31-2023	0.5722	0.5722
3	2-1-2023	4-30-2023	0.5160	0.5160
4	5-1-2023	7-31-2023	0.4858	0.4858
		Highest	0.6157	0.6157

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	0.1269	2.0000e-005	2.7100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.2700e-003	5.2700e-003	1.0000e-005	0.0000	5.6200e-003
Energy	2.6800e-003	0.0244	0.0205	1.5000e-004		1.8500e-003	1.8500e-003		1.8500e-003	1.8500e-003	0.0000	351.3851	351.3851	8.9500e-003	2.2300e-003	352.2749
Mobile	0.1193	0.5464	1.1215	3.8700e-003	0.3084	2.8900e-003	0.3112	0.0826	2.6800e-003	0.0853	0.0000	359.1384	359.1384	0.0189	0.0000	359.6101
Waste						0.0000	0.0000		0.0000	0.0000	21.3242	0.0000	21.3242	1.2602	0.0000	52.8298
Water						0.0000	0.0000		0.0000	0.0000	0.8208	25.9558	26.7766	0.0850	2.1300e-003	29.5359
Total	0.2489	0.5708	1.1447	4.0200e-003	0.3084	4.7500e-003	0.3131	0.0826	4.5400e-003	0.0872	22.1450	736.4847	758.6297	1.3730	4.3600e-003	794.2563

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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	0.1269	2.0000e-005	2.7100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.2700e-003	5.2700e-003	1.0000e-005	0.0000	5.6200e-003
Energy	2.6800e-003	0.0244	0.0205	1.5000e-004		1.8500e-003	1.8500e-003		1.8500e-003	1.8500e-003	0.0000	351.3851	351.3851	8.9500e-003	2.2300e-003	352.2749
Mobile	0.1193	0.5464	1.1215	3.8700e-003	0.3084	2.8900e-003	0.3112	0.0826	2.6800e-003	0.0853	0.0000	359.1384	359.1384	0.0189	0.0000	359.6101
Waste						0.0000	0.0000		0.0000	0.0000	21.3242	0.0000	21.3242	1.2602	0.0000	52.8298
Water						0.0000	0.0000		0.0000	0.0000	0.8208	25.9558	26.7766	0.0850	2.1300e-003	29.5359
Total	0.2489	0.5708	1.1447	4.0200e-003	0.3084	4.7500e-003	0.3131	0.0826	4.5400e-003	0.0872	22.1450	736.4847	758.6297	1.3730	4.3600e-003	794.2563

	ROG	NOx	CO	SO2	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	8/1/2022	8/26/2022	5	20	
2	Site Preparation	Site Preparation	8/27/2022	9/2/2022	5	5	
3	Grading	Grading	9/3/2022	9/12/2022	5	6	
4	Building Construction	Building Construction	9/13/2022	6/19/2023	5	200	
5	Paving	Paving	6/20/2023	7/3/2023	5	10	
6	Architectural Coating	Architectural Coating	7/4/2023	7/17/2023	5	10	

Acres of Grading (Site Preparation Phase): 1

Acres of Grading (Grading Phase): 1.5

Acres of Paving: 0.91

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 41,250; Non-Residential Outdoor: 13,750; Striped Parking Area: 11,092 (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	1	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Cranes	1	6.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	6.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Graders	1	6.00	187	0.41
Paving	Paving Equipment	1	8.00	132	0.36
Site Preparation	Rubber Tired Dozers	1	7.00	247	0.40
Building Construction	Welders	3	8.00	46	0.45

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	5	13.00	0.00	105.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	8.00	0.00	219.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	86.00	35.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	17.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 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					
Fugitive Dust					0.0114	0.0000	0.0114	1.7300e-003	0.0000	1.7300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0169	0.1662	0.1396	2.4000e-004		8.3800e-003	8.3800e-003		7.8300e-003	7.8300e-003	0.0000	21.0777	21.0777	5.3700e-003	0.0000	21.2120
Total	0.0169	0.1662	0.1396	2.4000e-004	0.0114	8.3800e-003	0.0198	1.7300e-003	7.8300e-003	9.5600e-003	0.0000	21.0777	21.0777	5.3700e-003	0.0000	21.2120

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3.2 Demolition - 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	3.7000e-004	0.0126	2.8700e-003	4.0000e-005	9.0000e-004	4.0000e-005	9.4000e-004	2.5000e-004	3.0000e-005	2.8000e-004	0.0000	3.8737	3.8737	2.6000e-004	0.0000	3.8803
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	5.1000e-004	3.6000e-004	4.1800e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.1978	1.1978	3.0000e-005	0.0000	1.1986
Total	8.8000e-004	0.0130	7.0500e-003	5.0000e-005	2.3300e-003	5.0000e-005	2.3800e-003	6.3000e-004	4.0000e-005	6.7000e-004	0.0000	5.0715	5.0715	2.9000e-004	0.0000	5.0788

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					0.0114	0.0000	0.0114	1.7300e-003	0.0000	1.7300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0169	0.1662	0.1396	2.4000e-004		8.3800e-003	8.3800e-003		7.8300e-003	7.8300e-003	0.0000	21.0777	21.0777	5.3700e-003	0.0000	21.2119
Total	0.0169	0.1662	0.1396	2.4000e-004	0.0114	8.3800e-003	0.0198	1.7300e-003	7.8300e-003	9.5600e-003	0.0000	21.0777	21.0777	5.3700e-003	0.0000	21.2119

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3.2 Demolition - 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	3.7000e-004	0.0126	2.8700e-003	4.0000e-005	9.0000e-004	4.0000e-005	9.4000e-004	2.5000e-004	3.0000e-005	2.8000e-004	0.0000	3.8737	3.8737	2.6000e-004	0.0000	3.8803
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	5.1000e-004	3.6000e-004	4.1800e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.1978	1.1978	3.0000e-005	0.0000	1.1986
Total	8.8000e-004	0.0130	7.0500e-003	5.0000e-005	2.3300e-003	5.0000e-005	2.3800e-003	6.3000e-004	4.0000e-005	6.7000e-004	0.0000	5.0715	5.0715	2.9000e-004	0.0000	5.0788

3.3 Site Preparation - 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					
Fugitive Dust					0.0137	0.0000	0.0137	7.3000e-003	0.0000	7.3000e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2800e-003	0.0366	0.0177	4.0000e-005		1.5600e-003	1.5600e-003		1.4300e-003	1.4300e-003	0.0000	3.7788	3.7788	1.2200e-003	0.0000	3.8094
Total	3.2800e-003	0.0366	0.0177	4.0000e-005	0.0137	1.5600e-003	0.0153	7.3000e-003	1.4300e-003	8.7300e-003	0.0000	3.7788	3.7788	1.2200e-003	0.0000	3.8094

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3.3 Site Preparation - 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	8.0000e-005	6.0000e-005	6.4000e-004	0.0000	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1843	0.1843	0.0000	0.0000	0.1844
Total	8.0000e-005	6.0000e-005	6.4000e-004	0.0000	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1843	0.1843	0.0000	0.0000	0.1844

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					0.0137	0.0000	0.0137	7.3000e-003	0.0000	7.3000e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2800e-003	0.0366	0.0177	4.0000e-005		1.5600e-003	1.5600e-003		1.4300e-003	1.4300e-003	0.0000	3.7788	3.7788	1.2200e-003	0.0000	3.8094
Total	3.2800e-003	0.0366	0.0177	4.0000e-005	0.0137	1.5600e-003	0.0153	7.3000e-003	1.4300e-003	8.7300e-003	0.0000	3.7788	3.7788	1.2200e-003	0.0000	3.8094

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3.3 Site Preparation - 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	8.0000e-005	6.0000e-005	6.4000e-004	0.0000	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1843	0.1843	0.0000	0.0000	0.1844
Total	8.0000e-005	6.0000e-005	6.4000e-004	0.0000	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1843	0.1843	0.0000	0.0000	0.1844

3.4 Grading - 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					
Fugitive Dust					0.0144	0.0000	0.0144	7.5500e-003	0.0000	7.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2500e-003	0.0360	0.0178	4.0000e-005		1.5500e-003	1.5500e-003		1.4300e-003	1.4300e-003	0.0000	3.7144	3.7144	1.2000e-003	0.0000	3.7445
Total	3.2500e-003	0.0360	0.0178	4.0000e-005	0.0144	1.5500e-003	0.0160	7.5500e-003	1.4300e-003	8.9800e-003	0.0000	3.7144	3.7144	1.2000e-003	0.0000	3.7445

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3.4 Grading - 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	7.6000e-004	0.0263	5.9800e-003	8.0000e-005	1.8800e-003	7.0000e-005	1.9600e-003	5.2000e-004	7.0000e-005	5.9000e-004	0.0000	8.0794	8.0794	5.5000e-004	0.0000	8.0931
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	9.0000e-005	7.0000e-005	7.7000e-004	0.0000	2.6000e-004	0.0000	2.7000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2211	0.2211	1.0000e-005	0.0000	0.2213
Total	8.5000e-004	0.0264	6.7500e-003	8.0000e-005	2.1400e-003	7.0000e-005	2.2300e-003	5.9000e-004	7.0000e-005	6.6000e-004	0.0000	8.3005	8.3005	5.6000e-004	0.0000	8.3144

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					0.0144	0.0000	0.0144	7.5500e-003	0.0000	7.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2500e-003	0.0360	0.0178	4.0000e-005		1.5500e-003	1.5500e-003		1.4300e-003	1.4300e-003	0.0000	3.7144	3.7144	1.2000e-003	0.0000	3.7445
Total	3.2500e-003	0.0360	0.0178	4.0000e-005	0.0144	1.5500e-003	0.0160	7.5500e-003	1.4300e-003	8.9800e-003	0.0000	3.7144	3.7144	1.2000e-003	0.0000	3.7445

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3.4 Grading - 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	7.6000e-004	0.0263	5.9800e-003	8.0000e-005	1.8800e-003	7.0000e-005	1.9600e-003	5.2000e-004	7.0000e-005	5.9000e-004	0.0000	8.0794	8.0794	5.5000e-004	0.0000	8.0931
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	9.0000e-005	7.0000e-005	7.7000e-004	0.0000	2.6000e-004	0.0000	2.7000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2211	0.2211	1.0000e-005	0.0000	0.2213
Total	8.5000e-004	0.0264	6.7500e-003	8.0000e-005	2.1400e-003	7.0000e-005	2.2300e-003	5.9000e-004	7.0000e-005	6.6000e-004	0.0000	8.3005	8.3005	5.6000e-004	0.0000	8.3144

3.5 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	0.0651	0.4939	0.5027	8.7000e-004		0.0233	0.0233		0.0225	0.0225	0.0000	71.7229	71.7229	0.0125	0.0000	72.0352
Total	0.0651	0.4939	0.5027	8.7000e-004		0.0233	0.0233		0.0225	0.0225	0.0000	71.7229	71.7229	0.0125	0.0000	72.0352

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3.5 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	3.6900e-003	0.1268	0.0314	3.5000e-004	8.7100e-003	2.3000e-004	8.9500e-003	2.5100e-003	2.2000e-004	2.7400e-003	0.0000	33.4561	33.4561	2.0500e-003	0.0000	33.5074
Worker	0.0133	9.4500e-003	0.1093	3.5000e-004	0.0373	2.7000e-004	0.0375	9.9000e-003	2.5000e-004	0.0102	0.0000	31.2999	31.2999	7.9000e-004	0.0000	31.3195
Total	0.0170	0.1363	0.1407	7.0000e-004	0.0460	5.0000e-004	0.0465	0.0124	4.7000e-004	0.0129	0.0000	64.7559	64.7559	2.8400e-003	0.0000	64.8269

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	0.0651	0.4939	0.5027	8.7000e-004		0.0233	0.0233		0.0225	0.0225	0.0000	71.7228	71.7228	0.0125	0.0000	72.0351
Total	0.0651	0.4939	0.5027	8.7000e-004		0.0233	0.0233		0.0225	0.0225	0.0000	71.7228	71.7228	0.0125	0.0000	72.0351

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3.5 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	3.6900e-003	0.1268	0.0314	3.5000e-004	8.7100e-003	2.3000e-004	8.9500e-003	2.5100e-003	2.2000e-004	2.7400e-003	0.0000	33.4561	33.4561	2.0500e-003	0.0000	33.5074
Worker	0.0133	9.4500e-003	0.1093	3.5000e-004	0.0373	2.7000e-004	0.0375	9.9000e-003	2.5000e-004	0.0102	0.0000	31.2999	31.2999	7.9000e-004	0.0000	31.3195
Total	0.0170	0.1363	0.1407	7.0000e-004	0.0460	5.0000e-004	0.0465	0.0124	4.7000e-004	0.0129	0.0000	64.7559	64.7559	2.8400e-003	0.0000	64.8269

3.5 Building Construction - 2023**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	0.0922	0.7085	0.7630	1.3300e-003		0.0311	0.0311		0.0301	0.0301	0.0000	109.8675	109.8675	0.0187	0.0000	110.3339
Total	0.0922	0.7085	0.7630	1.3300e-003		0.0311	0.0311		0.0301	0.0301	0.0000	109.8675	109.8675	0.0187	0.0000	110.3339

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3.5 Building Construction - 2023**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	4.2200e-003	0.1462	0.0429	5.1000e-004	0.0134	1.7000e-004	0.0135	3.8500e-003	1.6000e-004	4.0100e-003	0.0000	49.6983	49.6983	2.7400e-003	0.0000	49.7666
Worker	0.0192	0.0131	0.1544	5.1000e-004	0.0571	4.1000e-004	0.0575	0.0152	3.7000e-004	0.0155	0.0000	46.1524	46.1524	1.0900e-003	0.0000	46.1795
Total	0.0234	0.1593	0.1973	1.0200e-003	0.0704	5.8000e-004	0.0710	0.0190	5.3000e-004	0.0195	0.0000	95.8507	95.8507	3.8300e-003	0.0000	95.9462

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	0.0922	0.7085	0.7630	1.3300e-003		0.0311	0.0311		0.0301	0.0301	0.0000	109.8673	109.8673	0.0187	0.0000	110.3338
Total	0.0922	0.7085	0.7630	1.3300e-003		0.0311	0.0311		0.0301	0.0301	0.0000	109.8673	109.8673	0.0187	0.0000	110.3338

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3.5 Building Construction - 2023**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	4.2200e-003	0.1462	0.0429	5.1000e-004	0.0134	1.7000e-004	0.0135	3.8500e-003	1.6000e-004	4.0100e-003	0.0000	49.6983	49.6983	2.7400e-003	0.0000	49.7666
Worker	0.0192	0.0131	0.1544	5.1000e-004	0.0571	4.1000e-004	0.0575	0.0152	3.7000e-004	0.0155	0.0000	46.1524	46.1524	1.0900e-003	0.0000	46.1795
Total	0.0234	0.1593	0.1973	1.0200e-003	0.0704	5.8000e-004	0.0710	0.0190	5.3000e-004	0.0195	0.0000	95.8507	95.8507	3.8300e-003	0.0000	95.9462

3.6 Paving - 2023**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	3.2200e-003	0.0312	0.0440	7.0000e-005		1.5400e-003	1.5400e-003		1.4200e-003	1.4200e-003	0.0000	5.8862	5.8862	1.8700e-003	0.0000	5.9329
Paving	4.1000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.6300e-003	0.0312	0.0440	7.0000e-005		1.5400e-003	1.5400e-003		1.4200e-003	1.4200e-003	0.0000	5.8862	5.8862	1.8700e-003	0.0000	5.9329

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3.6 Paving - 2023**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	2.4000e-004	1.6000e-004	1.9300e-003	1.0000e-005	7.1000e-004	1.0000e-005	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5766	0.5766	1.0000e-005	0.0000	0.5769
Total	2.4000e-004	1.6000e-004	1.9300e-003	1.0000e-005	7.1000e-004	1.0000e-005	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5766	0.5766	1.0000e-005	0.0000	0.5769

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	3.2200e-003	0.0312	0.0440	7.0000e-005		1.5400e-003	1.5400e-003		1.4200e-003	1.4200e-003	0.0000	5.8862	5.8862	1.8700e-003	0.0000	5.9329
Paving	4.1000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.6300e-003	0.0312	0.0440	7.0000e-005		1.5400e-003	1.5400e-003		1.4200e-003	1.4200e-003	0.0000	5.8862	5.8862	1.8700e-003	0.0000	5.9329

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3.6 Paving - 2023**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	2.4000e-004	1.6000e-004	1.9300e-003	1.0000e-005	7.1000e-004	1.0000e-005	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5766	0.5766	1.0000e-005	0.0000	0.5769
Total	2.4000e-004	1.6000e-004	1.9300e-003	1.0000e-005	7.1000e-004	1.0000e-005	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5766	0.5766	1.0000e-005	0.0000	0.5769

3.7 Architectural Coating - 2023**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	0.1532					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.6000e-004	6.5100e-003	9.0600e-003	1.0000e-005		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004	0.0000	1.2766	1.2766	8.0000e-005	0.0000	1.2785
Total	0.1541	6.5100e-003	9.0600e-003	1.0000e-005		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004	0.0000	1.2766	1.2766	8.0000e-005	0.0000	1.2785

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3.7 Architectural Coating - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.1000e-004	2.1000e-004	2.5200e-003	1.0000e-005	9.3000e-004	1.0000e-005	9.4000e-004	2.5000e-004	1.0000e-005	2.5000e-004	0.0000	0.7540	0.7540	2.0000e-005	0.0000	0.7544
Total	3.1000e-004	2.1000e-004	2.5200e-003	1.0000e-005	9.3000e-004	1.0000e-005	9.4000e-004	2.5000e-004	1.0000e-005	2.5000e-004	0.0000	0.7540	0.7540	2.0000e-005	0.0000	0.7544

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	0.1532					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.6000e-004	6.5100e-003	9.0600e-003	1.0000e-005		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004	0.0000	1.2766	1.2766	8.0000e-005	0.0000	1.2785
Total	0.1541	6.5100e-003	9.0600e-003	1.0000e-005		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004	0.0000	1.2766	1.2766	8.0000e-005	0.0000	1.2785

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3.7 Architectural Coating - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.1000e-004	2.1000e-004	2.5200e-003	1.0000e-005	9.3000e-004	1.0000e-005	9.4000e-004	2.5000e-004	1.0000e-005	2.5000e-004	0.0000	0.7540	0.7540	2.0000e-005	0.0000	0.7544
Total	3.1000e-004	2.1000e-004	2.5200e-003	1.0000e-005	9.3000e-004	1.0000e-005	9.4000e-004	2.5000e-004	1.0000e-005	2.5000e-004	0.0000	0.7540	0.7540	2.0000e-005	0.0000	0.7544

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	0.1193	0.5464	1.1215	3.8700e-003	0.3084	2.8900e-003	0.3112	0.0826	2.6800e-003	0.0853	0.0000	359.1384	359.1384	0.0189	0.0000	359.6101
Unmitigated	0.1193	0.5464	1.1215	3.8700e-003	0.3084	2.8900e-003	0.3112	0.0826	2.6800e-003	0.0853	0.0000	359.1384	359.1384	0.0189	0.0000	359.6101

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Automobile Care Center	652.30	652.30	326.70	811,481	811,481
Parking Lot	0.00	0.00	0.00		
Unenclosed Parking with Elevator	0.00	0.00	0.00		
Total	652.30	652.30	326.70	811,481	811,481

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Automobile Care Center	16.60	8.40	6.90	33.00	48.00	19.00	21	51	28
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unenclosed Parking with	16.60	8.40	6.90	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
	0.550151	0.042593	0.202457	0.116946	0.015037	0.005825	0.021699	0.034933	0.002123	0.001780	0.004876	0.000710	0.000868
Automobile Care Center	0.550151	0.042593	0.202457	0.116946	0.015037	0.005825	0.021699	0.034933	0.002123	0.001780	0.004876	0.000710	0.000868
Parking Lot	0.550151	0.042593	0.202457	0.116946	0.015037	0.005825	0.021699	0.034933	0.002123	0.001780	0.004876	0.000710	0.000868
Unenclosed Parking with Elevator	0.550151	0.042593	0.202457	0.116946	0.015037	0.005825	0.021699	0.034933	0.002123	0.001780	0.004876	0.000710	0.000868

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	324.8233	324.8233	8.4500e-003	1.7500e-003	325.5552
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	324.8233	324.8233	8.4500e-003	1.7500e-003	325.5552
NaturalGas Mitigated	2.6800e-003	0.0244	0.0205	1.5000e-004		1.8500e-003	1.8500e-003		1.8500e-003	1.8500e-003	0.0000	26.5618	26.5618	5.1000e-004	4.9000e-004	26.7197
NaturalGas Unmitigated	2.6800e-003	0.0244	0.0205	1.5000e-004		1.8500e-003	1.8500e-003		1.8500e-003	1.8500e-003	0.0000	26.5618	26.5618	5.1000e-004	4.9000e-004	26.7197

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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					
Automobile Care Center	497750	2.6800e-003	0.0244	0.0205	1.5000e-004		1.8500e-003	1.8500e-003		1.8500e-003	1.8500e-003	0.0000	26.5618	26.5618	5.1000e-004	4.9000e-004	26.7197
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
Unenclosed 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
Total		2.6800e-003	0.0244	0.0205	1.5000e-004		1.8500e-003	1.8500e-003		1.8500e-003	1.8500e-003	0.0000	26.5618	26.5618	5.1000e-004	4.9000e-004	26.7197

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Automobile Care Center	497750	2.6800e-003	0.0244	0.0205	1.5000e-004		1.8500e-003	1.8500e-003		1.8500e-003	1.8500e-003	0.0000	26.5618	26.5618	5.1000e-004	4.9000e-004	26.7197
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
Unenclosed 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
Total		2.6800e-003	0.0244	0.0205	1.5000e-004		1.8500e-003	1.8500e-003		1.8500e-003	1.8500e-003	0.0000	26.5618	26.5618	5.1000e-004	4.9000e-004	26.7197

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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			
Automobile Care Center	305250	154.4276	4.0200e-003	8.3000e-004	154.7755
Parking Lot	4802	2.4294	6.0000e-005	1.0000e-005	2.4348
Unenclosed Parking with Elevator	332012	167.9664	4.3700e-003	9.0000e-004	168.3448
Total		324.8233	8.4500e-003	1.7400e-003	325.5552

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Automobile Care Center	305250	154.4276	4.0200e-003	8.3000e-004	154.7755
Parking Lot	4802	2.4294	6.0000e-005	1.0000e-005	2.4348
Unenclosed Parking with Elevator	332012	167.9664	4.3700e-003	9.0000e-004	168.3448
Total		324.8233	8.4500e-003	1.7400e-003	325.5552

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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	0.1269	2.0000e-005	2.7100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.2700e-003	5.2700e-003	1.0000e-005	0.0000	5.6200e-003
Unmitigated	0.1269	2.0000e-005	2.7100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.2700e-003	5.2700e-003	1.0000e-005	0.0000	5.6200e-003

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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	0.0153					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1113					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.5000e-004	2.0000e-005	2.7100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.2700e-003	5.2700e-003	1.0000e-005	0.0000	5.6200e-003
Total	0.1269	2.0000e-005	2.7100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.2700e-003	5.2700e-003	1.0000e-005	0.0000	5.6200e-003

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	0.0153					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1113					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.5000e-004	2.0000e-005	2.7100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.2700e-003	5.2700e-003	1.0000e-005	0.0000	5.6200e-003
Total	0.1269	2.0000e-005	2.7100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.2700e-003	5.2700e-003	1.0000e-005	0.0000	5.6200e-003

7.0 Water Detail

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7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	26.7766	0.0850	2.1300e-003	29.5359
Unmitigated	26.7766	0.0850	2.1300e-003	29.5359

7.2 Water by Land Use**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Automobile Care Center	2.58723 / 1.58572	26.7766	0.0850	2.1300e-003	29.5359
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		26.7766	0.0850	2.1300e-003	29.5359

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7.2 Water by Land Use**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Automobile Care Center	2.58723 / 1.58572	26.7766	0.0850	2.1300e-003	29.5359
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		26.7766	0.0850	2.1300e-003	29.5359

8.0 Waste Detail

8.1 Mitigation Measures Waste

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Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	21.3242	1.2602	0.0000	52.8298
Unmitigated	21.3242	1.2602	0.0000	52.8298

8.2 Waste by Land Use**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Automobile Care Center	105.05	21.3242	1.2602	0.0000	52.8298
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Total		21.3242	1.2602	0.0000	52.8298

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8.2 Waste by Land Use**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Automobile Care Center	105.05	21.3242	1.2602	0.0000	52.8298
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Total		21.3242	1.2602	0.0000	52.8298

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
