

Appendix B:
AIR QUALITY/GREENHOUSE GAS

EARVIN "MAGIC" JOHNSON RECREATION AREA MASTER PLAN
Draft ENVIRONMENTAL IMPACT REPORT

**Parenthetical CALEEMOD Assumptions
For: Earvin "Magic" Johnson Park Master Plan Project
Date: July 2015**

CONSTRUCTION

Demolition 1 (2018)

- 132 days.

Equipment:

Quantity	Type	Hours of Daily Operation
1	Concrete/Industrial Saw	8
3	Excavators	8
1	Roller	8
2	Rubber Tired Dozers	8
1	Tractor/Loader/Backhoe	8

Grading 1 (2019)

- 90,000 cubic yards of cut;
- 90,000 cubic yards of fill;
- 198 days.

Equipment:

Quantity	Type	Hours of Daily Operation
2	Excavators	8
2	Graders	8
1	Paving Equipment	8
1	Roller	8
1	Rubber Tired Dozer	8
2	Scrapers	8
2	Tractors/Loaders/Backhoes	8

Paving (2019 - 2020)

- 198 days.

Equipment:

Quantity	Type	Hours of Daily Operation
1	Grader	8
2	Pavers	8
2	Paving Equipment	8
2	Rollers	8
1	Signal Board	8
1	Surfacing Equipment	8
1	Tractor/Loader/Backhoe	8

Building Construction 1 (2020 - 2021)

- 264 days.

Equipment:

Quantity	Type	Hours of Daily Operation
1	Bore/Drill Rigs	8
1	Crane	7
3	Forklifts	8
1	Generator Set	8
2	Off-Highway Trucks	8
1	Surfacing Equipment	8
3	Tractors/Loaders/Backhoes	7
1	Trenchers	8
1	Welder	8

Demolition 2 (2021)

- 66 days.

Equipment:

Quantity	Type	Hours of Daily Operation
1	Concrete/Industrial Saw	8
3	Excavators	8
1	Roller	8
2	Rubber Tired Dozers	8
1	Tractor/Loader/Backhoe	8

Grading 2 (2022)

- 66 days.

Equipment:

Quantity	Type	Hours of Daily Operation
2	Excavators	8
2	Graders	8
1	Paving Equipment	8
1	Roller	8
1	Rubber Tired Dozer	8
2	Scrapers	8
2	Tractors/Loaders/Backhoes	8

Paving 2 (2022)

- 132 days.

Equipment:

Quantity	Type	Hours of Daily Operation
1	Grader	8
2	Pavers	8
2	Paving Equipment	8
2	Rollers	8
1	Signal Board	8
1	Surfacing Equipment	8
1	Tractor/Loader/Backhoe	8

Building Construction 2 (2022 - 2023)

- 264 days.

Equipment:

Quantity	Type	Hours of Daily Operation
1	Bore/Drill Rigs	8
1	Crane	7
3	Forklifts	8
1	Generator Set	8
2	Off-Highway Trucks	8
1	Surfacing Equipment	8
3	Tractors/Loaders/Backhoes	7
1	Trenchers	8
1	Welder	8

Demolition 3 (2024)

- 132 days.

Equipment:

Quantity	Type	Hours of Daily Operation
1	Concrete/Industrial Saw	8
3	Excavators	8
1	Roller	8
2	Rubber Tired Dozers	8
1	Tractor/Loader/Backhoe	8

Grading 3 (2025)

- 90,000 cubic yards of cut;
- 90,000 cubic yards of fill;
- 198 days.

Equipment:

Quantity	Type	Hours of Daily Operation
2	Excavators	8
2	Graders	8
1	Paving Equipment	8
1	Roller	8
1	Rubber Tired Dozer	8
2	Scrapers	8
2	Tractors/Loaders/Backhoes	8

Paving 3 (2025-2026)

- 198 days.

Equipment:

Quantity	Type	Hours of Daily Operation
1	Grader	8
2	Pavers	8
2	Paving Equipment	8
2	Rollers	8
1	Signal Board	8
1	Surfacing Equipment	8
1	Tractor/Loader/Backhoe	8

Building Construction 3 (2026 - 2027)

- 264 days.

Equipment:

Quantity	Type	Hours of Daily Operation
1	Bore/Drill Rigs	8
1	Crane	7
3	Forklifts	8
1	Generator Set	8
2	Off-Highway Trucks	8
1	Surfacing Equipment	8
3	Tractors/Loaders/Backhoes	7
1	Trenchers	8
1	Welder	8

Demolition 4 (2026)

- 132 days.

Equipment:

Quantity	Type	Hours of Daily Operation
1	Concrete/Industrial Saw	8
3	Excavators	8
1	Roller	8
2	Rubber Tired Dozers	8
1	Tractor/Loader/Backhoe	8

Grading 4 (2027)

- 132 days.

Equipment:

Quantity	Type	Hours of Daily Operation
2	Excavators	8
2	Graders	8
1	Paving Equipment	8
1	Roller	8
1	Rubber Tired Dozer	8
2	Scrapers	8
2	Tractors/Loaders/Backhoes	8

Paving 4 (2027 - 2028)

- 132 days.

Equipment:

Quantity	Type	Hours of Daily Operation
1	Grader	8
2	Pavers	8
2	Paving Equipment	8
2	Rollers	8
1	Signal Board	8
1	Surfacing Equipment	8
1	Tractor/Loader/Backhoe	8

Building Construction 4 (2028 - 2029)

- 264 days.

Equipment:

Quantity	Type	Hours of Daily Operation
1	Bore/Drill Rigs	8
1	Crane	7
3	Forklifts	8
1	Generator Set	8
2	Off-Highway Trucks	8
1	Surfacing Equipment	8
3	Tractors/Loaders/Backhoes	7
1	Trenchers	8
1	Welder	8

Demolition 5 (2029)

- 198 days.

Equipment:

Quantity	Type	Hours of Daily Operation
1	Concrete/Industrial Saw	8
3	Excavators	8
1	Roller	8
2	Rubber Tired Dozers	8
1	Tractor/Loader/Backhoe	8

Grading 5 (2029)

- 66 days.

Equipment:

Quantity	Type	Hours of Daily Operation
2	Excavators	8
2	Graders	8
1	Paving Equipment	8
1	Roller	8
1	Rubber Tired Dozer	8
2	Scrapers	8
2	Tractors/Loaders/Backhoes	8

Paving 5 (2030)

- 198 days.

Equipment:

Quantity	Type	Hours of Daily Operation
1	Grader	8
2	Pavers	8
2	Paving Equipment	8
2	Rollers	8
1	Signal Board	8
1	Surfacing Equipment	8
1	Tractor/Loader/Backhoe	8

Building Construction 5 (2031 - 2032)

- 264 days.

Equipment:

Quantity	Type	Hours of Daily Operation
1	Bore/Drill Rigs	8
1	Crane	7
3	Forklifts	8
1	Generator Set	8
2	Off-Highway Trucks	8
1	Surfacing Equipment	8
3	Tractors/Loaders/Backhoes	7
1	Trenchers	8
1	Welder	8

Demolition 6 (2032)

- 198 days.

Equipment:

Quantity	Type	Hours of Daily Operation
1	Concrete/Industrial Saw	8
3	Excavators	8
1	Roller	8
2	Rubber Tired Dozers	8
1	Tractor/Loader/Backhoe	8

Grading 6 (2033)

- 132 days.

Equipment:

Quantity	Type	Hours of Daily Operation
2	Excavators	8
2	Graders	8
1	Paving Equipment	8
1	Roller	8
1	Rubber Tired Dozer	8
2	Scrapers	8
2	Tractors/Loaders/Backhoes	8

Paving 6 (2033-2034)

- 132 days.

Equipment:

Quantity	Type	Hours of Daily Operation
1	Grader	8
2	Pavers	8
2	Paving Equipment	8
2	Rollers	8
1	Signal Board	8
1	Surfacing Equipment	8
1	Tractor/Loader/Backhoe	8

Building Construction 6 (2034 - 2035)

- 264 days.

Equipment:

Quantity	Type	Hours of Daily Operation
1	Bore/Drill Rigs	8
1	Crane	7
3	Forklifts	8
1	Generator Set	8
2	Off-Highway Trucks	8
1	Surfacing Equipment	8
3	Tractors/Loaders/Backhoes	7
1	Trenchers	8
1	Welder	8

OPERATIONS

Existing Conditions

- 104-acre City Park.
- 2,890 daily trips.

Proposed Project

- 2-acre Arena (Outdoor Stadium);
- 6-acre City Park (Athletic Fields);
- 21,000 square feet Health Club (Indoor Gym);
- 10-acre Arena (Equestrian Center);
- 1.84-acre Arena (Amphitheatre);
- 20,000 square feet Racquet Club (Community Center);
- 25,387 square feet Recreational Swimming Pool (Aquatics Center);
- 40,330 square feet Government Office Building (South Agency Headquarters);
- 94.5-acre City Park (Other Park Amenities).
- 7,087 daily trips.

Earvin Magic Johnson Park Master Plan Existing South Coast Air Basin, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	104.00	Acre	104.00	4,530,240.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	11			Operational Year	2015
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Existing Park Uses

Land Use - Existing Uses

Construction Phase - No Construction, Existing Operations Run Only.

Off-road Equipment - Operations Run Only.

Vehicle Trips - Per Traffic Study.

Energy Use -

Consumer Products - Consumer Products Factor is reduced from default as consumer products would not be used in the City park area.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	200.00	1.00
tblConsumerProducts	ROG_EF	1.98E-05	1E-10
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

	ROG	NOx	CO	SO2	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

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	28.7655	1.1000e-004	0.0110	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0228	0.0228	7.0000e-005		0.0241
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	11.7317	31.4786	123.5012	0.2499	17.6277	0.4404	18.0680	4.7091	0.4046	5.1137		22,583.1643	22,583.1643	1.0032		22,604.2323
Total	40.4972	31.4787	123.5121	0.2499	17.6277	0.4404	18.0681	4.7091	0.4046	5.1138		22,583.1871	22,583.1871	1.0033	0.0000	22,604.2564

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	28.7655	1.1000e-004	0.0110	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0228	0.0228	7.0000e-005		0.0241
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	11.7317	31.4786	123.5012	0.2499	17.6277	0.4404	18.0680	4.7091	0.4046	5.1137		22,583.1643	22,583.1643	1.0032		22,604.2323
Total	40.4972	31.4787	123.5121	0.2499	17.6277	0.4404	18.0681	4.7091	0.4046	5.1138		22,583.1871	22,583.1871	1.0033	0.0000	22,604.2564

	ROG	NOx	CO	SO2	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	Demolition	Demolition	1/1/2016	1/1/2016	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	162	0.38
Demolition	Rubber Tired Dozers	0	8.00	255	0.40

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2016

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	0.0000	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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	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		0.0000

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	0.0000	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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	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		0.0000

4.0 Operational Detail - Mobile

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	11.7317	31.4786	123.5012	0.2499	17.6277	0.4404	18.0680	4.7091	0.4046	5.1137		22,583.1643	22,583.1643	1.0032		22,604.2323
Unmitigated	11.7317	31.4786	123.5012	0.2499	17.6277	0.4404	18.0680	4.7091	0.4046	5.1137		22,583.1643	22,583.1643	1.0032		22,604.2323

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	2,890.16	165.36	165.36	6,076,345	6,076,345
Total	2,890.16	165.36	165.36	6,076,345	6,076,345

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.515437	0.060435	0.179988	0.139880	0.041945	0.006639	0.015487	0.028746	0.001918	0.002517	0.004333	0.000596	0.002079

5.0 Energy Detail

4.4 Fleet Mix

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

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

	Natural Gas 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

	ROG	NOx	CO	SO2	Fugitive 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	28.7655	1.1000e-004	0.0110	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0228	0.0228	7.0000e-005		0.0241
Unmitigated	28.7655	1.1000e-004	0.0110	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0228	0.0228	7.0000e-005		0.0241

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					
Consumer Products	4.5000e-004					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0900e-003	1.1000e-004	0.0110	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0228	0.0228	7.0000e-005		0.0241
Architectural Coating	28.7639					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	28.7655	1.1000e-004	0.0110	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0228	0.0228	7.0000e-005		0.0241

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					
Consumer Products	4.5000e-004					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0900e-003	1.1000e-004	0.0110	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0228	0.0228	7.0000e-005		0.0241
Architectural Coating	28.7639					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	28.7655	1.1000e-004	0.0110	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0228	0.0228	7.0000e-005		0.0241

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 Vegetation

Earvin Magic Johnson Park Master Plan Existing South Coast Air Basin, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	104.00	Acre	104.00	4,530,240.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	11			Operational Year	2015
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	1227.89	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Existing Park Uses

Land Use - Existing Uses

Construction Phase - No Construction, Existing Operations Run Only.

Off-road Equipment - Operations Run Only.

Vehicle Trips - Per Traffic Study.

Energy Use -

Consumer Products - Consumer Products Factor is reduced from default as consumer products would not be used in the City park area.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	200.00	1.00
tblConsumerProducts	ROG_EF	1.98E-05	1E-10
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

	ROG	NOx	CO	SO2	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

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	28.7655	1.1000e-004	0.0110	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0228	0.0228	7.0000e-005		0.0241
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	11.2910	29.9224	124.9802	0.2631	17.6277	0.4377	18.0653	4.7091	0.4021	5.1112		23,746.2963	23,746.2963	1.0025		23,767.3485
Total	40.0565	29.9225	124.9912	0.2631	17.6277	0.4377	18.0654	4.7091	0.4021	5.1113		23,746.3191	23,746.3191	1.0026	0.0000	23,767.3726

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	28.7655	1.1000e-004	0.0110	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0228	0.0228	7.0000e-005		0.0241
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	11.2910	29.9224	124.9802	0.2631	17.6277	0.4377	18.0653	4.7091	0.4021	5.1112		23,746.2963	23,746.2963	1.0025		23,767.3485
Total	40.0565	29.9225	124.9912	0.2631	17.6277	0.4377	18.0654	4.7091	0.4021	5.1113		23,746.3191	23,746.3191	1.0026	0.0000	23,767.3726

	ROG	NOx	CO	SO2	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	Demolition	Demolition	1/1/2016	1/1/2016	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	162	0.38
Demolition	Rubber Tired Dozers	0	8.00	255	0.40

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2016

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	0.0000	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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	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		0.0000

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	0.0000	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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	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		0.0000

4.0 Operational Detail - Mobile

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	11.2910	29.9224	124.9802	0.2631	17.6277	0.4377	18.0653	4.7091	0.4021	5.1112		23,746.2963	23,746.2963	1.0025		23,767.3485
Unmitigated	11.2910	29.9224	124.9802	0.2631	17.6277	0.4377	18.0653	4.7091	0.4021	5.1112		23,746.2963	23,746.2963	1.0025		23,767.3485

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	2,890.16	165.36	165.36	6,076,345	6,076,345
Total	2,890.16	165.36	165.36	6,076,345	6,076,345

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.515437	0.060435	0.179988	0.139880	0.041945	0.006639	0.015487	0.028746	0.001918	0.002517	0.004333	0.000596	0.002079

5.0 Energy Detail

4.4 Fleet Mix

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

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

	Natural Gas 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

	ROG	NOx	CO	SO2	Fugitive 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	28.7655	1.1000e-004	0.0110	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0228	0.0228	7.0000e-005		0.0241
Unmitigated	28.7655	1.1000e-004	0.0110	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0228	0.0228	7.0000e-005		0.0241

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					
Consumer Products	4.5000e-004					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0900e-003	1.1000e-004	0.0110	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0228	0.0228	7.0000e-005		0.0241
Architectural Coating	28.7639					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	28.7655	1.1000e-004	0.0110	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0228	0.0228	7.0000e-005		0.0241

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					
Consumer Products	4.5000e-004					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0900e-003	1.1000e-004	0.0110	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0228	0.0228	7.0000e-005		0.0241
Architectural Coating	28.7639					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	28.7655	1.1000e-004	0.0110	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0228	0.0228	7.0000e-005		0.0241

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 Vegetation

Earvin Magic Johnson Park Master Plan Existing South Coast Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	104.00	Acre	104.00	4,530,240.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	11	Operational Year	2015		
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	1227.89	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Existing Park Uses

Land Use - Existing Uses

Construction Phase - No Construction, Existing Operations Run Only.

Off-road Equipment - Operations Run Only.

Vehicle Trips - Per Traffic Study.

Energy Use -

Consumer Products - Consumer Products Factor is reduced from default as consumer products would not be used in the City park area.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	200.00	1.00
tblConsumerProducts	ROG_EF	1.98E-05	1E-10

	ROG	NOx	CO	SO2	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

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	5.2496	1.0000e-005	1.3700e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5800e-003	2.5800e-003	1.0000e-005	0.0000	2.7400e-003
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	0.0000
Mobile	1.4788	4.2682	16.5761	0.0336	2.3014	0.0583	2.3597	0.6157	0.0535	0.6693	0.0000	2,754.9644	2,754.9644	0.1208	0.0000	2,757.5018
Waste						0.0000	0.0000		0.0000	0.0000	1.8147	0.0000	1.8147	0.1073	0.0000	4.0670
Water						0.0000	0.0000		0.0000	0.0000	0.0000	766.7607	766.7607	0.0181	3.7500e-003	768.3025
Total	6.7284	4.2682	16.5774	0.0336	2.3014	0.0583	2.3597	0.6157	0.0535	0.6693	1.8147	3,521.7277	3,523.5425	0.2462	3.7500e-003	3,529.8740

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	5.2496	1.0000e-005	1.3700e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5800e-003	2.5800e-003	1.0000e-005	0.0000	2.7400e-003
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	0.0000
Mobile	1.4788	4.2682	16.5761	0.0336	2.3014	0.0583	2.3597	0.6157	0.0535	0.6693	0.0000	2,754.9644	2,754.9644	0.1208	0.0000	2,757.5018
Waste						0.0000	0.0000		0.0000	0.0000	1.8147	0.0000	1.8147	0.1073	0.0000	4.0670
Water						0.0000	0.0000		0.0000	0.0000	0.0000	766.7607	766.7607	0.0181	3.7500e-003	768.3025
Total	6.7284	4.2682	16.5774	0.0336	2.3014	0.0583	2.3597	0.6157	0.0535	0.6693	1.8147	3,521.7277	3,523.5425	0.2462	3.7500e-003	3,529.8740

	ROG	NOx	CO	SO2	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	Demolition	Demolition	1/1/2016	1/1/2016	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

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	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

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	tons/yr										MT/yr					
Mitigated	1.4788	4.2682	16.5761	0.0336	2.3014	0.0583	2.3597	0.6157	0.0535	0.6693	0.0000	2,754.9644	2,754.9644	0.1208	0.0000	2,757.5018
Unmitigated	1.4788	4.2682	16.5761	0.0336	2.3014	0.0583	2.3597	0.6157	0.0535	0.6693	0.0000	2,754.9644	2,754.9644	0.1208	0.0000	2,757.5018

5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas 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					
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	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	0.0000

Mitigated

	Natural Gas 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					
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	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	0.0000

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

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	5.2496	1.0000e-005	1.3700e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5800e-003	2.5800e-003	1.0000e-005	0.0000	2.7400e-003
Unmitigated	5.2496	1.0000e-005	1.3700e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5800e-003	2.5800e-003	1.0000e-005	0.0000	2.7400e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	5.2494					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	8.0000e-005					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.4000e-004	1.0000e-005	1.3700e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5800e-003	2.5800e-003	1.0000e-005	0.0000	2.7400e-003
Total	5.2496	1.0000e-005	1.3700e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5800e-003	2.5800e-003	1.0000e-005	0.0000	2.7400e-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					
Consumer Products	8.0000e-005					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.4000e-004	1.0000e-005	1.3700e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5800e-003	2.5800e-003	1.0000e-005	0.0000	2.7400e-003
Architectural Coating	5.2494					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	5.2496	1.0000e-005	1.3700e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5800e-003	2.5800e-003	1.0000e-005	0.0000	2.7400e-003

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	766.7607	0.0181	3.7500e-003	768.3025
Unmitigated	766.7607	0.0181	3.7500e-003	768.3025

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 123.914	766.7607	0.0181	3.7500e-003	768.3025
Total		766.7607	0.0181	3.7500e-003	768.3025

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 123.914	766.7607	0.0181	3.7500e-003	768.3025
Total		766.7607	0.0181	3.7500e-003	768.3025

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Unmitigated	1.8147	0.1073	0.0000	4.0670
Mitigated	1.8147	0.1073	0.0000	4.0670

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	8.94	1.8147	0.1073	0.0000	4.0670
Total		1.8147	0.1073	0.0000	4.0670

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	8.94	1.8147	0.1073	0.0000	4.0670
Total		1.8147	0.1073	0.0000	4.0670

9.0 Operational Offroad

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

Earvin Magic Johnson Recreation Area Master Plan Project South Coast Air Basin, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government (Civic Center)	40.33	1000sqft	0.93	40,330.00	0
Arena	2.00	Acre	2.00	87,120.00	0
Arena	10.00	Acre	10.00	435,600.00	0
Arena	1.84	Acre	1.84	80,150.40	0
City Park	6.00	Acre	6.00	261,360.00	0
City Park	94.50	Acre	94.50	4,116,420.00	0
Health Club	21.00	1000sqft	0.48	21,000.00	0
Racquet Club	20.00	1000sqft	0.46	20,000.00	0
Recreational Swimming Pool	25.39	1000sqft	0.58	25,387.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	11			Operational Year	2030
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	1227.89	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 - Proposed Land Uses

Construction Phase - Proposed Phases of Construction

Off-road Equipment - Proposed Equipment

Off-road Equipment - Proposed Equipment

Off-road Equipment - Proposed Equipment

Off-road Equipment - Proposed Equipment

Off-road Equipment - Proposed Equipment

Off-road Equipment - Proposed Equipment

Off-road Equipment - Proposed Equipment

Off-road Equipment - Proposed Equipment

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Off-road Equipment - Proposed Equipment

Off-road Equipment - Proposed Equipment

Off-road Equipment - Proposed Equipment

Off-road Equipment - Proposed Equipment

Off-road Equipment - Proposed Equipment

Trips and VMT - Trip Hauling Length = 1.5 miles across project site

Demolition -

Grading - Proposed Cut and Fill, 180,000 CY

Vehicle Trips - Per Traffic Study

Consumer Products - Consumer Products Emission Factor was reduced from default and not applied to athletic fields, equestrian center, amphitheatre,

Construction Off-road Equipment Mitigation - Per SCAQMD Rule 403

Mobile Land Use Mitigation -

Mobile Commute Mitigation - .

Area Mitigation -

Water Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	26
tblConstructionPhase	NumDays	3,100.00	264.00
tblConstructionPhase	NumDays	3,100.00	264.00
tblConstructionPhase	NumDays	3,100.00	264.00
tblConstructionPhase	NumDays	3,100.00	264.00
tblConstructionPhase	NumDays	3,100.00	264.00
tblConstructionPhase	NumDays	3,100.00	264.00
tblConstructionPhase	NumDays	200.00	132.00
tblConstructionPhase	NumDays	200.00	132.00
tblConstructionPhase	NumDays	200.00	198.00
tblConstructionPhase	NumDays	200.00	198.00
tblConstructionPhase	NumDays	200.00	66.00
tblConstructionPhase	NumDays	200.00	132.00
tblConstructionPhase	NumDays	310.00	198.00
tblConstructionPhase	NumDays	310.00	132.00
tblConstructionPhase	NumDays	310.00	66.00
tblConstructionPhase	NumDays	310.00	198.00
tblConstructionPhase	NumDays	310.00	132.00
tblConstructionPhase	NumDays	310.00	66.00
tblConstructionPhase	NumDays	220.00	198.00
tblConstructionPhase	NumDays	220.00	132.00
tblConstructionPhase	NumDays	220.00	198.00
tblConstructionPhase	NumDays	220.00	132.00
tblConstructionPhase	NumDays	220.00	198.00
tblConstructionPhase	NumDays	220.00	132.00
tblConstructionPhase	PhaseEndDate	9/7/2027	2/4/2027
tblConstructionPhase	PhaseEndDate	2/5/2029	9/5/2029
tblConstructionPhase	PhaseEndDate	12/8/2031	1/5/2032

tblConstructionPhase	PhaseEndDate	1/5/2035	3/5/2035
tblConstructionPhase	PhaseEndDate	10/6/2023	11/3/2023
tblConstructionPhase	PhaseEndDate	8/9/2027	12/1/2026
tblConstructionPhase	PhaseEndDate	6/10/2030	10/3/2029
tblConstructionPhase	PhaseEndDate	10/7/2032	12/1/2032
tblConstructionPhase	PhaseEndDate	9/8/2021	12/1/2021
tblConstructionPhase	PhaseEndDate	5/7/2024	12/3/2024
tblConstructionPhase	PhaseEndDate	9/5/2025	10/3/2025
tblConstructionPhase	PhaseEndDate	6/3/2027	7/5/2027
tblConstructionPhase	PhaseEndDate	1/3/2030	12/31/2029
tblConstructionPhase	PhaseEndDate	9/5/2019	10/3/2019
tblConstructionPhase	PhaseEndDate	6/3/2033	7/5/2033
tblConstructionPhase	PhaseEndDate	3/3/2022	4/4/2022
tblConstructionPhase	PhaseEndDate	7/8/2026	9/2/2026
tblConstructionPhase	PhaseEndDate	1/5/2028	2/1/2028
tblConstructionPhase	PhaseEndDate	10/3/2030	12/3/2030
tblConstructionPhase	PhaseEndDate	1/5/2034	1/2/2034
tblConstructionPhase	PhaseEndDate	7/7/2020	6/3/2020
tblConstructionPhase	PhaseEndDate	10/5/2022	10/3/2022
tblConstructionPhase	PhaseStartDate	9/3/2026	2/1/2026
tblConstructionPhase	PhaseStartDate	2/2/2028	9/1/2028
tblConstructionPhase	PhaseStartDate	12/4/2030	1/1/2031
tblConstructionPhase	PhaseStartDate	1/3/2034	3/1/2034
tblConstructionPhase	PhaseStartDate	10/4/2022	11/1/2022
tblConstructionPhase	PhaseStartDate	2/5/2027	6/1/2026
tblConstructionPhase	PhaseStartDate	9/6/2029	1/1/2029
tblConstructionPhase	PhaseStartDate	1/6/2032	3/1/2032
tblConstructionPhase	PhaseStartDate	6/9/2021	9/1/2021
tblConstructionPhase	PhaseStartDate	11/4/2023	6/1/2024
tblConstructionPhase	PhaseStartDate	12/4/2024	1/1/2025
tblConstructionPhase	PhaseStartDate	12/2/2026	1/1/2027
tblConstructionPhase	PhaseStartDate	10/4/2029	10/1/2029

tblConstructionPhase	PhaseStartDate	12/4/2018	1/1/2019
tblConstructionPhase	PhaseStartDate	12/2/2032	1/1/2033
tblConstructionPhase	PhaseStartDate	12/2/2021	1/1/2022
tblConstructionPhase	PhaseStartDate	10/4/2025	12/1/2025
tblConstructionPhase	PhaseStartDate	7/6/2027	8/1/2027
tblConstructionPhase	PhaseStartDate	1/1/2030	3/1/2030
tblConstructionPhase	PhaseStartDate	7/6/2033	7/1/2033
tblConstructionPhase	PhaseStartDate	10/4/2019	9/1/2019
tblConstructionPhase	PhaseStartDate	4/5/2022	4/1/2022
tblConsumerProducts	ROG_EF	1.98E-05	8E-07
tblGrading	AcresOfGrading	594.00	30.00
tblGrading	AcresOfGrading	396.00	21.00
tblGrading	AcresOfGrading	198.00	7.00
tblGrading	AcresOfGrading	594.00	50.00
tblGrading	AcresOfGrading	396.00	3.00
tblGrading	AcresOfGrading	198.00	12.00
tblGrading	MaterialExported	0.00	90,000.00
tblGrading	MaterialExported	0.00	90,000.00
tblGrading	MaterialImported	0.00	90,000.00
tblGrading	MaterialImported	0.00	90,000.00
tblLandUse	LandUseSquareFeet	25,390.00	25,387.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Demolition 1
tblOffRoadEquipment	PhaseName		Demolition 1
tblProjectCharacteristics	OperationalYear	2014	2030

tblTripsAndVMT	HaulingTripLength	20.00	1.50
tblTripsAndVMT	HaulingTripLength	20.00	1.50
tblVehicleTrips	DV_TP	0.28	28.00
tblVehicleTrips	PB_TP	0.60	6.00
tblVehicleTrips	PR_TP	0.66	66.00
tblVehicleTrips	WD_TR	33.33	81.79
tblVehicleTrips	WD_TR	1.59	28.26
tblVehicleTrips	WD_TR	27.92	11.01
tblVehicleTrips	WD_TR	32.93	43.00
tblVehicleTrips	WD_TR	32.93	33.80
tblVehicleTrips	WD_TR	32.93	43.01

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	4.1536	42.0533	36.9780	0.0483	0.2286	2.1687	2.3973	0.0601	2.0166	2.0767	0.0000	4,768.1993	4,768.1993	1.2914	0.0000	4,795.3195
2019	9.3046	96.1027	82.6777	0.1245	7.0605	4.7037	11.7642	3.5326	4.3286	7.8611	0.0000	12,117.8074	12,117.8074	3.5676	0.0000	12,192.7279
2020	16.4697	99.6670	204.8276	0.5327	29.0567	3.0947	32.1514	7.8083	2.8711	10.6794	0.0000	43,955.4173	43,955.4173	3.1405	0.0000	44,021.3670
2021	15.5316	86.8674	196.6361	0.5332	29.0568	2.7415	31.7983	7.8084	2.5429	10.3513	0.0000	43,635.2038	43,635.2038	3.0933	0.0000	43,700.1620
2022	14.6794	77.0725	188.8938	0.5330	29.0568	3.2305	31.5050	7.8084	2.9732	10.0789	0.0000	43,289.0591	43,289.0591	3.5605	0.0000	43,363.8291
2023	13.7800	66.1488	181.0358	0.5320	29.0569	2.2712	31.3281	7.8084	2.1056	9.9140	0.0000	42,909.1980	42,909.1980	3.0011	0.0000	42,972.2212
2024	2.7038	24.2681	30.8803	0.0484	0.2286	1.1280	1.3566	0.0601	1.0466	1.1067	0.0000	4,593.8512	4,593.8512	1.2714	0.0000	4,620.5510
2025	4.0608	34.7845	48.0815	0.0824	6.6740	1.5333	8.2073	3.4469	1.4107	4.8576	0.0000	7,846.7662	7,846.7662	2.3538	0.0000	7,896.1963

2026	16.6108	96.3663	219.0224	0.6243	29.5654	3.6708	33.2363	7.9428	3.3981	11.3409	0.0000	50,877.27 64	50,877.276 4	5.3975	0.0000	50,990.62 45
2027	15.9515	92.9552	204.1749	0.6121	35.5614	3.5000	39.0614	11.2201	3.2324	14.4524	0.0000	49,611.49 71	49,611.497 1	5.2468	0.0000	49,721.67 94
2028	11.9560	58.9364	160.5175	0.5336	29.0579	1.9812	31.0391	7.8088	1.8351	9.6438	0.0000	41,980.74 15	41,980.741 5	2.8803	0.0000	42,041.22 84
2029	14.1618	79.5550	186.5650	0.5819	29.2850	2.9301	32.2151	7.8687	2.7155	10.5842	0.0000	46,426.08 69	46,426.086 9	4.1306	0.0000	46,512.82 92
2030	2.1549	10.4407	24.3795	0.0495	0.2794	0.4398	0.7193	0.0741	0.4397	0.5138	0.0000	4,697.510 4	4,697.5104 4	0.1972	0.0000	4,701.650 7
2031	11.5247	46.9932	152.6762	0.5414	29.0585	1.3067	30.3652	7.8090	1.2343	9.0433	0.0000	42,870.01 37	42,870.013 7	1.1079	0.0000	42,893.27 86
2032	11.3226	46.7335	150.8873	0.5413	29.0588	1.3076	30.3665	7.8091	1.2352	9.0443	0.0000	42,785.40 88	42,785.408 8	1.0940	0.0000	42,808.38 32
2033	6.1596	27.3558	59.7927	0.1367	6.6386	1.0786	7.7172	3.4699	1.0783	4.5482	0.0000	13,583.09 46	13,583.094 6	0.5588	0.0000	13,594.83 03
2034	10.9868	46.2956	147.9812	0.5412	29.0592	1.3088	30.3680	7.8093	1.2362	9.0455	0.0000	42,652.40 87	42,652.408 7	1.0705	0.0000	42,674.88 84
2035	10.6340	44.0676	146.7463	0.5412	29.0594	1.1788	30.2382	7.8093	1.1062	8.9155	0.0000	42,601.54 61	42,601.546 1	1.0404	0.0000	42,623.39 47
Total	192.1462	1,076.6637	2,422.7539	7.1377	377.0425	39.5740	415.8343	107.9540	36.8060	144.0574	0.0000	581,201.0866	581,201.0866	44.0036	0.0000	582,125.1615

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	4.1536	42.0533	36.9780	0.0483	0.2257	2.1687	2.3944	0.0597	2.0166	2.0762	0.0000	4,768.199 3	4,768.1993 3	1.2914	0.0000	4,795.319 5
2019	9.3046	96.1027	82.6777	0.1245	3.0363	4.7037	7.7400	1.4208	4.3286	5.7493	0.0000	12,117.80 74	12,117.807 4	3.5676	0.0000	12,192.72 79
2020	16.4697	99.6670	204.8276	0.5327	29.0567	3.0947	32.1514	7.8083	2.8711	10.6794	0.0000	43,955.41 73	43,955.417 3	3.1405	0.0000	44,021.36 70
2021	15.5316	86.8674	196.6361	0.5332	29.0568	2.7415	31.7983	7.8084	2.5429	10.3513	0.0000	43,635.20 38	43,635.203 8	3.0933	0.0000	43,700.16 20
2022	14.6794	77.0725	188.8938	0.5330	29.0568	3.2305	31.5050	7.8084	2.9732	10.0789	0.0000	43,289.05 91	43,289.059 1	3.5605	0.0000	43,363.82 91
2023	13.7800	66.1488	181.0358	0.5320	29.0569	2.2712	31.3281	7.8084	2.1056	9.9140	0.0000	42,909.19 80	42,909.198 0	3.0011	0.0000	42,972.22 12
2024	2.7038	24.2681	30.8803	0.0484	0.2257	1.1280	1.3537	0.0597	1.0466	1.1063	0.0000	4,593.851 2	4,593.8512 2	1.2714	0.0000	4,620.551 0

2025	4.0608	34.7845	48.0815	0.0824	2.7172	1.5333	4.2505	1.3424	1.4107	2.7531	0.0000	7,846.7662	7,846.7662	2.3538	0.0000	7,896.1963
2026	16.6108	96.3663	219.0224	0.6243	29.5625	3.6708	33.2333	7.9423	3.3981	11.3404	0.0000	50,877.2764	50,877.2764	5.3975	0.0000	50,990.6245
2027	15.9515	92.9552	204.1749	0.6121	31.6643	3.5000	35.1643	9.1248	3.2324	12.3572	0.0000	49,611.4971	49,611.4971	5.2468	0.0000	49,721.6794
2028	11.9560	58.9364	160.5175	0.5336	29.0579	1.9812	31.0391	7.8088	1.8351	9.6438	0.0000	41,980.7415	41,980.7415	2.8803	0.0000	42,041.2284
2029	14.1618	79.5550	186.5650	0.5819	29.2831	2.9301	32.2132	7.8684	2.7155	10.5839	0.0000	46,426.0869	46,426.0869	4.1306	0.0000	46,512.8292
2030	2.1549	10.4407	24.3795	0.0495	0.2794	0.4398	0.7193	0.0741	0.4397	0.5138	0.0000	4,697.5104	4,697.5104	0.1972	0.0000	4,701.6507
2031	11.5247	46.9932	152.6762	0.5414	29.0585	1.3067	30.3652	7.8090	1.2343	9.0433	0.0000	42,870.0137	42,870.0137	1.1079	0.0000	42,893.2786
2032	11.3226	46.7335	150.8873	0.5413	29.0588	1.3076	30.3665	7.8091	1.2352	9.0443	0.0000	42,785.4088	42,785.4088	1.0940	0.0000	42,808.3832
2033	6.1596	27.3558	59.7927	0.1367	2.8325	1.0786	3.9111	1.3845	1.0783	2.4628	0.0000	13,583.0946	13,583.0946	0.5588	0.0000	13,594.8303
2034	10.9868	46.2956	147.9812	0.5412	29.0592	1.3088	30.3680	7.8093	1.2362	9.0455	0.0000	42,652.4087	42,652.4087	1.0705	0.0000	42,674.8884
2035	10.6340	44.0676	146.7463	0.5412	29.0594	1.1788	30.2382	7.8093	1.1062	8.9155	0.0000	42,601.5461	42,601.5461	1.0404	0.0000	42,623.3947
Total	192.1462	1,076.6637	2,422.7539	7.1377	361.3476	39.5740	400.1393	99.5554	36.8060	135.6588	0.0000	581,201.0865	581,201.0865	44.0036	0.0000	582,125.1614

	ROG	NOx	CO	SO2	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	4.16	0.00	3.77	7.78	0.00	5.83	0.00	0.00	0.00	0.00	0.00	0.00

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	36.3733	2.0000e-004	0.0225	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0484	0.0484	1.2000e-004		0.0510
Energy	0.3709	3.3715	2.8320	0.0202		0.2562	0.2562		0.2562	0.2562		4,045.7725	4,045.7725	0.0775	0.0742	4,070.3944
Mobile	14.5747	30.4038	142.9295	0.5592	38.1347	0.7732	38.9079	10.1940	0.7136	10.9076		40,285.9147	40,285.9147	1.1620		40,310.3159

Total	51.3188	33.7755	145.7840	0.5794	38.1347	1.0295	39.1642	10.1940	0.9699	11.1639		44,331.7355	44,331.7355	1.2396	0.0742	44,380.7613
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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	36.3733	2.0000e-004	0.0225	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0484	0.0484	1.2000e-004		0.0510
Energy	0.3709	3.3715	2.8320	0.0202		0.2562	0.2562		0.2562	0.2562		4,045.7725	4,045.7725	0.0775	0.0742	4,070.3944
Mobile	14.1440	27.6634	132.7323	0.4954	33.6348	0.6912	34.3260	8.9911	0.6379	9.6290		35,691.7051	35,691.7051	1.0362		35,713.4653
Total	50.8881	31.0351	135.5868	0.5157	33.6348	0.9475	34.5823	8.9911	0.8942	9.8853		39,737.5260	39,737.5260	1.1139	0.0742	39,783.9106

	ROG	NOx	CO	SO2	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	0.84	8.11	6.99	11.00	11.80	7.97	11.70	11.80	7.80	11.45	0.00	10.36	10.36	10.15	0.00	10.36

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition 1	Demolition	6/1/2018	12/3/2018	5	132	
2	Grading 1	Grading	1/1/2019	10/3/2019	5	198	
3	Paving 1	Paving	9/1/2019	6/3/2020	5	198	
4	Building Construction 1	Building Construction	6/4/2020	6/8/2021	5	264	
5	Demolition 2	Demolition	9/1/2021	12/1/2021	5	66	
6	Grading 2	Grading	1/1/2022	4/4/2022	5	66	
7	Paving 2	Paving	4/1/2022	10/3/2022	5	132	

8	Building Construction 2	Building Construction	11/1/2022	11/3/2023	5	264
9	Demolition 3	Demolition	6/1/2024	12/3/2024	5	132
10	Grading 3	Grading	1/1/2025	10/3/2025	5	198
11	Paving 3	Paving	12/1/2025	9/2/2026	5	198
12	Building Construction 3	Building Construction	2/1/2026	2/4/2027	5	264
13	Demolition 4	Demolition	6/1/2026	12/1/2026	5	132
14	Grading 4	Grading	1/1/2027	7/5/2027	5	132
15	Paving 4	Paving	8/1/2027	2/1/2028	5	132
16	Building Construction 4	Building Construction	9/1/2028	9/5/2029	5	264
17	Demolition 5	Demolition	1/1/2029	10/3/2029	5	198
18	Grading 5	Grading	10/1/2029	12/31/2029	5	66
19	Paving 5	Paving	3/1/2030	12/3/2030	5	198
20	Building Construction 5	Building Construction	1/1/2031	1/5/2032	5	264
21	Demolition 6	Demolition	3/1/2032	12/1/2032	5	198
22	Grading 6	Grading	1/1/2033	7/5/2033	5	132
23	Paving 6	Paving	7/1/2033	1/2/2034	5	132
24	Building Construction 6	Building Construction	3/1/2034	3/5/2035	5	264

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition 1	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition 1	Excavators	3	8.00	162	0.38
Demolition 1	Rollers	1	8.00	80	0.38
Demolition 1	Rubber Tired Dozers	2	8.00	255	0.40
Demolition 1	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading 1	Excavators	2	8.00	162	0.38

Grading 1	Graders	2	8.00	174	0.41
Grading 1	Paving Equipment	1	8.00	130	0.36
Grading 1	Rollers	1	8.00	80	0.38
Grading 1	Rubber Tired Dozers	1	8.00	255	0.40
Grading 1	Scrapers	2	8.00	361	0.48
Grading 1	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving 1	Graders	1	8.00	174	0.41
Paving 1	Pavers	2	8.00	125	0.42
Paving 1	Paving Equipment	2	8.00	130	0.36
Paving 1	Rollers	2	8.00	80	0.38
Paving 1	Signal Boards	1	8.00	6	0.82
Paving 1	Surfacing Equipment	1	8.00	253	0.30
Paving 1	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction 1	Bore/Drill Rigs	1	8.00	205	0.50
Building Construction 1	Cranes	1	7.00	226	0.29
Building Construction 1	Forklifts	3	8.00	89	0.20
Building Construction 1	Generator Sets	1	8.00	84	0.74
Building Construction 1	Off-Highway Trucks	2	8.00	400	0.38
Building Construction 1	Surfacing Equipment	1	8.00	253	0.30
Building Construction 1	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction 1	Trenchers	1	8.00	80	0.50
Building Construction 1	Welders	1	8.00	46	0.45
Demolition 2	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition 2	Excavators	3	8.00	162	0.38
Demolition 2	Rollers	1	8.00	80	0.38
Demolition 2	Rubber Tired Dozers	2	8.00	255	0.40
Demolition 2	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading 2	Excavators	2	8.00	162	0.38
Grading 2	Graders	2	8.00	174	0.41
Grading 2	Paving Equipment	1	8.00	130	0.36
Grading 2	Rollers	1	8.00	80	0.38
Grading 2	Rubber Tired Dozers	1	8.00	255	0.40

Grading 2	Scrapers	2	8.00	361	0.48
Grading 2	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving 2	Graders	1	8.00	174	0.41
Paving 2	Pavers	2	8.00	125	0.42
Paving 2	Paving Equipment	2	8.00	130	0.36
Paving 2	Rollers	2	8.00	80	0.38
Paving 2	Signal Boards	1	8.00	6	0.82
Paving 2	Surfacing Equipment	1	8.00	253	0.30
Paving 2	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction 2	Bore/Drill Rigs	1	8.00	205	0.50
Building Construction 2	Cranes	1	7.00	226	0.29
Building Construction 2	Forklifts	3	8.00	89	0.20
Building Construction 2	Generator Sets	1	8.00	84	0.74
Building Construction 2	Off-Highway Trucks	2	8.00	400	0.38
Building Construction 2	Surfacing Equipment	1	8.00	253	0.30
Building Construction 2	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction 2	Trenchers	1	8.00	80	0.50
Building Construction 2	Welders	1	8.00	46	0.45
Demolition 3	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition 3	Excavators	3	8.00	162	0.38
Demolition 3	Rollers	1	8.00	80	0.38
Demolition 3	Rubber Tired Dozers	2	8.00	255	0.40
Demolition 3	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading 3	Excavators	2	8.00	162	0.38
Grading 3	Graders	2	8.00	174	0.41
Grading 3	Paving Equipment	1	8.00	130	0.36
Grading 3	Rollers	1	8.00	80	0.38
Grading 3	Rubber Tired Dozers	1	8.00	255	0.40
Grading 3	Scrapers	2	8.00	361	0.48
Grading 3	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving 3	Graders	1	8.00	174	0.41
Paving 3	Pavers	2	8.00	125	0.42

Paving 3	Paving Equipment	2	8.00	130	0.36
Paving 3	Rollers	2	8.00	80	0.38
Paving 3	Signal Boards	1	8.00	6	0.82
Paving 3	Surfacing Equipment	1	8.00	253	0.30
Paving 3	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction 3	Bore/Drill Rigs	1	8.00	205	0.50
Building Construction 3	Cranes	1	7.00	226	0.29
Building Construction 3	Forklifts	3	8.00	89	0.20
Building Construction 3	Generator Sets	1	8.00	84	0.74
Building Construction 3	Off-Highway Trucks	2	8.00	400	0.38
Building Construction 3	Surfacing Equipment	1	8.00	253	0.30
Building Construction 3	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction 3	Trenchers	1	8.00	80	0.50
Building Construction 3	Welders	1	8.00	46	0.45
Demolition 4	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition 4	Excavators	3	8.00	162	0.38
Demolition 4	Rollers	1	8.00	80	0.38
Demolition 4	Rubber Tired Dozers	2	8.00	255	0.40
Demolition 4	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading 4	Excavators	2	8.00	162	0.38
Grading 4	Graders	2	8.00	174	0.41
Grading 4	Paving Equipment	1	8.00	130	0.36
Grading 4	Rollers	1	8.00	80	0.38
Grading 4	Rubber Tired Dozers	1	8.00	255	0.40
Grading 4	Scrapers	2	8.00	361	0.48
Grading 4	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving 4	Graders	1	8.00	174	0.41
Paving 4	Pavers	2	8.00	125	0.42
Paving 4	Paving Equipment	2	8.00	130	0.36
Paving 4	Rollers	2	8.00	80	0.38
Paving 4	Signal Boards	1	8.00	6	0.82
Paving 4	Surfacing Equipment	1	8.00	253	0.30

Paving 4	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction 4	Bore/Drill Rigs	1	8.00	205	0.50
Building Construction 4	Cranes	1	7.00	226	0.29
Building Construction 4	Forklifts	3	8.00	89	0.20
Building Construction 4	Generator Sets	1	8.00	84	0.74
Building Construction 4	Off-Highway Trucks	2	8.00	400	0.38
Building Construction 4	Surfacing Equipment	1	8.00	253	0.30
Building Construction 4	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction 4	Trenchers	1	8.00	80	0.50
Building Construction 4	Welders	1	8.00	46	0.45
Demolition 5	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition 5	Excavators	3	8.00	162	0.38
Demolition 5	Rollers	1	8.00	80	0.38
Demolition 5	Rubber Tired Dozers	2	8.00	255	0.40
Demolition 5	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading 5	Excavators	2	8.00	162	0.38
Grading 5	Graders	2	8.00	174	0.41
Grading 5	Paving Equipment	1	8.00	130	0.36
Grading 5	Rollers	1	8.00	80	0.38
Grading 5	Rubber Tired Dozers	1	8.00	255	0.40
Grading 5	Scrapers	2	8.00	361	0.48
Grading 5	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving 5	Graders	1	8.00	174	0.41
Paving 5	Pavers	2	8.00	125	0.42
Paving 5	Paving Equipment	2	8.00	130	0.36
Paving 5	Rollers	2	8.00	80	0.38
Paving 5	Signal Boards	1	8.00	6	0.82
Paving 5	Surfacing Equipment	1	8.00	253	0.30
Paving 5	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction 5	Bore/Drill Rigs	1	8.00	205	0.50
Building Construction 5	Cranes	1	7.00	226	0.29
Building Construction 5	Forklifts	3	8.00	89	0.20

Building Construction 5	Generator Sets	1	8.00	84	0.74
Building Construction 5	Off-Highway Trucks	2	8.00	400	0.38
Building Construction 5	Surfacing Equipment	1	8.00	253	0.30
Building Construction 5	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction 5	Trenchers	1	8.00	80	0.50
Building Construction 5	Welders	1	8.00	46	0.45
Demolition 6	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition 6	Excavators	3	8.00	162	0.38
Demolition 6	Rollers	1	8.00	80	0.38
Demolition 6	Rubber Tired Dozers	2	8.00	255	0.40
Demolition 6	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading 6	Excavators	2	8.00	162	0.38
Grading 6	Graders	2	8.00	174	0.41
Grading 6	Paving Equipment	1	8.00	130	0.36
Grading 6	Rollers	1	8.00	80	0.38
Grading 6	Rubber Tired Dozers	1	8.00	255	0.40
Grading 6	Scrapers	2	8.00	361	0.48
Grading 6	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving 6	Graders	1	8.00	174	0.41
Paving 6	Pavers	2	8.00	125	0.42
Paving 6	Paving Equipment	2	8.00	130	0.36
Paving 6	Rollers	2	8.00	80	0.38
Paving 6	Signal Boards	1	8.00	6	0.82
Paving 6	Surfacing Equipment	1	8.00	253	0.30
Paving 6	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction 6	Bore/Drill Rigs	1	8.00	205	0.50
Building Construction 6	Cranes	1	7.00	226	0.29
Building Construction 6	Forklifts	3	8.00	89	0.20
Building Construction 6	Generator Sets	1	8.00	84	0.74
Building Construction 6	Off-Highway Trucks	2	8.00	400	0.38
Building Construction 6	Surfacing Equipment	1	8.00	253	0.30
Building Construction 6	Tractors/Loaders/Backhoes	3	7.00	97	0.37

Building Construction 6	Trenchers	1	8.00	80	0.50
Building Construction 6	Welders	1	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
Demolition 1	8	20.00	0.00	3.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading 1	11	28.00	0.00	11,250.00	14.70	6.90	1.50	LD_Mix	HDT_Mix	HHDT
Paving 1	10	25.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction 1	14	2,133.00	834.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition 2	8	20.00	0.00	3.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading 2	11	28.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving 2	10	25.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction 2	14	2,133.00	834.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition 3	8	20.00	0.00	3.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading 3	11	28.00	0.00	11,250.00	14.70	6.90	1.50	LD_Mix	HDT_Mix	HHDT
Paving 3	10	25.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction 3	14	2,133.00	834.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition 4	8	20.00	0.00	3.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading 4	11	28.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving 4	10	25.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction 4	14	2,133.00	834.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition 5	8	20.00	0.00	3.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading 5	11	28.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving 5	10	25.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction 5	14	2,133.00	834.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition 6	8	20.00	0.00	3.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading 6	11	28.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving 6	10	25.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction 6	14	2,133.00	834.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition 1 - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.6600e-003	0.0000	4.6600e-003	7.1000e-004	0.0000	7.1000e-004			0.0000			0.0000
Off-Road	4.0846	41.9541	35.9972	0.0457		2.1668	2.1668		2.0149	2.0149		4,560.0105	4,560.0105	1.2810		4,586.9110
Total	4.0846	41.9541	35.9972	0.0457	4.6600e-003	2.1668	2.1715	7.1000e-004	2.0149	2.0156		4,560.0105	4,560.0105	1.2810		4,586.9110

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	3.8000e-004	5.5500e-003	4.7900e-003	2.0000e-005	4.0000e-004	9.0000e-005	4.9000e-004	1.1000e-004	8.0000e-005	1.9000e-004		1.6318	1.6318	1.0000e-005		1.6321
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	0.0687	0.0937	0.9760	2.6500e-003	0.2236	1.7500e-003	0.2253	0.0593	1.6200e-003	0.0609		206.5570	206.5570	0.0105		206.7764
Total	0.0691	0.0992	0.9808	2.6700e-003	0.2240	1.8400e-003	0.2258	0.0594	1.7000e-003	0.0611		208.1889	208.1889	0.0105		208.4085

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					1.7300e-003	0.0000	1.7300e-003	2.6000e-004	0.0000	2.6000e-004			0.0000			0.0000
Off-Road	4.0846	41.9541	35.9972	0.0457		2.1668	2.1668		2.0149	2.0149	0.0000	4,560.0105	4,560.0105	1.2810		4,586.9110
Total	4.0846	41.9541	35.9972	0.0457	1.7300e-003	2.1668	2.1686	2.6000e-004	2.0149	2.0151	0.0000	4,560.0105	4,560.0105	1.2810		4,586.9110

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	3.8000e-004	5.5500e-003	4.7900e-003	2.0000e-005	4.0000e-004	9.0000e-005	4.9000e-004	1.1000e-004	8.0000e-005	1.9000e-004		1.6318	1.6318	1.0000e-005		1.6321
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	0.0687	0.0937	0.9760	2.6500e-003	0.2236	1.7500e-003	0.2253	0.0593	1.6200e-003	0.0609		206.5570	206.5570	0.0105		206.7764
Total	0.0691	0.0992	0.9808	2.6700e-003	0.2240	1.8400e-003	0.2258	0.0594	1.7000e-003	0.0611		208.1889	208.1889	0.0105		208.4085

3.3 Grading 1 - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Fugitive Dust					6.3927	0.0000	6.3927	3.3547	0.0000	3.3547			0.0000			0.0000
Off-Road	6.0935	66.2274	49.2812	0.0746		3.1859	3.1859		2.9310	2.9310		7,383.5277	7,383.5277	2.3361		7,432.5851
Total	6.0935	66.2274	49.2812	0.0746	6.3927	3.1859	9.5786	3.3547	2.9310	6.2857		7,383.5277	7,383.5277	2.3361		7,432.5851

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	0.3670	1.9066	7.8318	4.0800e-003	0.0754	0.0193	0.0947	0.0207	0.0178	0.0385		381.5011	381.5011	5.5600e-003		381.6178
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	0.0884	0.1202	1.2523	3.7000e-003	0.3130	2.4100e-003	0.3154	0.0830	2.2300e-003	0.0852		278.1707	278.1707	0.0137		278.4582
Total	0.4554	2.0268	9.0840	7.7800e-003	0.3883	0.0217	0.4101	0.1037	0.0200	0.1237		659.6719	659.6719	0.0193		660.0761

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					2.3685	0.0000	2.3685	1.2429	0.0000	1.2429			0.0000			0.0000
Off-Road	6.0935	66.2274	49.2812	0.0746		3.1859	3.1859		2.9310	2.9310	0.0000	7,383.5276	7,383.5276	2.3361		7,432.5851
Total	6.0935	66.2274	49.2812	0.0746	2.3685	3.1859	5.5544	1.2429	2.9310	4.1740	0.0000	7,383.5276	7,383.5276	2.3361		7,432.5851

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	0.3670	1.9066	7.8318	4.0800e-003	0.0754	0.0193	0.0947	0.0207	0.0178	0.0385		381.5011	381.5011	5.5600e-003		381.6178
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	0.0884	0.1202	1.2523	3.7000e-003	0.3130	2.4100e-003	0.3154	0.0830	2.2300e-003	0.0852		278.1707	278.1707	0.0137		278.4582
Total	0.4554	2.0268	9.0840	7.7800e-003	0.3883	0.0217	0.4101	0.1037	0.0200	0.1237		659.6719	659.6719	0.0193		660.0761

3.4 Paving 1 - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6768	27.7411	23.1944	0.0388		1.4940	1.4940		1.3756	1.3756		3,826.2412	3,826.2412	1.2001		3,851.4433
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.6768	27.7411	23.1944	0.0388		1.4940	1.4940		1.3756	1.3756		3,826.2412	3,826.2412	1.2001		3,851.4433

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	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	0.0789	0.1074	1.1181	3.3100e-003	0.2794	2.1500e-003	0.2816	0.0741	1.9900e-003	0.0761		248.3667	248.3667	0.0122		248.6234
Total	0.0789	0.1074	1.1181	3.3100e-003	0.2794	2.1500e-003	0.2816	0.0741	1.9900e-003	0.0761		248.3667	248.3667	0.0122		248.6234

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	2.6768	27.7411	23.1944	0.0388		1.4940	1.4940		1.3756	1.3756	0.0000	3,826.2412	3,826.2412	1.2001		3,851.4433
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.6768	27.7411	23.1944	0.0388		1.4940	1.4940		1.3756	1.3756	0.0000	3,826.2412	3,826.2412	1.2001		3,851.4433

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0789	0.1074	1.1181	3.3100e-003	0.2794	2.1500e-003	0.2816	0.0741	1.9900e-003	0.0761		248.3667	248.3667	0.0122		248.6234
Total	0.0789	0.1074	1.1181	3.3100e-003	0.2794	2.1500e-003	0.2816	0.0741	1.9900e-003	0.0761		248.3667	248.3667	0.0122		248.6234

3.4 Paving 1 - 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	2.5048	25.6674	23.1209	0.0388		1.3638	1.3638		1.2558	1.2558		3,743.6703	3,743.6703	1.2000		3,768.8692
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.5048	25.6674	23.1209	0.0388		1.3638	1.3638		1.2558	1.2558		3,743.6703	3,743.6703	1.2000		3,768.8692

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0740	0.0995	1.0402	3.3100e-003	0.2794	2.1400e-003	0.2816	0.0741	1.9800e-003	0.0761		238.2746	238.2746	0.0116		238.5177
Total	0.0740	0.0995	1.0402	3.3100e-003	0.2794	2.1400e-003	0.2816	0.0741	1.9800e-003	0.0761		238.2746	238.2746	0.0116		238.5177

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
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Category	lb/day										lb/day					
Off-Road	2.5048	25.6674	23.1209	0.0388		1.3638	1.3638		1.2558	1.2558	0.0000	3,743.6703	3,743.6703	1.2000		3,768.8692
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.5048	25.6674	23.1209	0.0388		1.3638	1.3638		1.2558	1.2558	0.0000	3,743.6703	3,743.6703	1.2000		3,768.8692

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0740	0.0995	1.0402	3.3100e-003	0.2794	2.1400e-003	0.2816	0.0741	1.9800e-003	0.0761		238.2746	238.2746	0.0116		238.5177
Total	0.0740	0.0995	1.0402	3.3100e-003	0.2794	2.1400e-003	0.2816	0.0741	1.9800e-003	0.0761		238.2746	238.2746	0.0116		238.5177

3.5 Building Construction 1 - 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	4.3136	41.2875	30.6566	0.0718		2.0464	2.0464		1.9054	1.9054		6,897.4819	6,897.4819	2.0279		6,940.0684
Total	4.3136	41.2875	30.6566	0.0718		2.0464	2.0464		1.9054	1.9054		6,897.4819	6,897.4819	2.0279		6,940.0684

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	5.8451	49.8916	85.4186	0.1789	5.2148	0.8661	6.0809	1.4854	0.7968	2.2821		16,728.34 89	16,728.348 9	0.1247		16,730.96 77
Worker	6.3110	8.4880	88.7524	0.2821	23.8419	0.1822	24.0241	6.3230	0.1690	6.4920		20,329.58 65	20,329.586 5	0.9878		20,350.33 09
Total	12.1561	58.3796	174.1710	0.4610	29.0567	1.0483	30.1050	7.8083	0.9657	8.7741		37,057.93 54	37,057.935 4	1.1125		37,081.29 86

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	4.3136	41.2875	30.6566	0.0718		2.0464	2.0464		1.9054	1.9054	0.0000	6,897.481 9	6,897.4819	2.0279		6,940.068 4
Total	4.3136	41.2875	30.6566	0.0718		2.0464	2.0464		1.9054	1.9054	0.0000	6,897.481 9	6,897.4819	2.0279		6,940.068 4

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
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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	5.8451	49.8916	85.4186	0.1789	5.2148	0.8661	6.0809	1.4854	0.7968	2.2821	16,728.34	16,728.348	0.1247		16,730.96
Worker	6.3110	8.4880	88.7524	0.2821	23.8419	0.1822	24.0241	6.3230	0.1690	6.4920	20,329.58	20,329.586	0.9878		20,350.33
											65	5			09
Total	12.1561	58.3796	174.1710	0.4610	29.0567	1.0483	30.1050	7.8083	0.9657	8.7741	37,057.93	37,057.935	1.1125		37,081.29
											54	4			86

3.5 Building Construction 1 - 2021
Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.9191	36.5671	29.9169	0.0718		1.7707	1.7707		1.6484	1.6484		6,899.946	6,899.9465	2.0218		6,942.404
												5				1
Total	3.9191	36.5671	29.9169	0.0718		1.7707	1.7707		1.6484	1.6484		6,899.946	6,899.9465	2.0218		6,942.404
												5				1

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	5.6408	42.3650	83.3758	0.1788	5.2148	0.7884	6.0032	1.4854	0.7254	2.2107	16,721.17	16,721.178	0.1258		16,723.82	
											83	3			01	
Worker	5.9717	7.9354	83.3434	0.2826	23.8419	0.1825	24.0244	6.3230	0.1692	6.4922	20,014.07	20,014.079	0.9457		20,033.93	
											91	1			78	

Total	11.6124	50.3004	166.7192	0.4614	29.0568	0.9709	30.0276	7.8084	0.8946	8.7029		36,735.25	36,735.257	1.0715		36,757.75
												73	3			79

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	3.9191	36.5671	29.9169	0.0718		1.7707	1.7707		1.6484	1.6484	0.0000	6,899.9465	6,899.9465	2.0218		6,942.4041
Total	3.9191	36.5671	29.9169	0.0718		1.7707	1.7707		1.6484	1.6484	0.0000	6,899.9465	6,899.9465	2.0218		6,942.4041

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	5.6408	42.3650	83.3758	0.1788	5.2148	0.7884	6.0032	1.4854	0.7254	2.2107		16,721.1783	16,721.1783	0.1258		16,723.8201
Worker	5.9717	7.9354	83.3434	0.2826	23.8419	0.1825	24.0244	6.3230	0.1692	6.4922		20,014.0791	20,014.0791	0.9457		20,033.9378
Total	11.6124	50.3004	166.7192	0.4614	29.0568	0.9709	30.0276	7.8084	0.8946	8.7029		36,735.2573	36,735.2573	1.0715		36,757.7579

3.6 Demolition 2 - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Fugitive Dust					9.3200e-003	0.0000	9.3200e-003	1.4100e-003	0.0000	1.4100e-003			0.0000				0.0000
Off-Road	3.2376	31.7629	32.4182	0.0457		1.5587	1.5587		1.4479	1.4479			4,409.5865	4,409.5865	1.2689		4,436.2331
Total	3.2376	31.7629	32.4182	0.0457	9.3200e-003	1.5587	1.5681	1.4100e-003	1.4479	1.4493			4,409.5865	4,409.5865	1.2689		4,436.2331

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	7.2000e-004	8.1000e-003	9.2400e-003	3.0000e-005	7.9000e-004	1.8000e-004	9.7000e-004	2.2000e-004	1.6000e-004	3.8000e-004			3.1268	3.1268	2.0000e-005		3.1274
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	0.0560	0.0744	0.7815	2.6500e-003	0.2236	1.7100e-003	0.2253	0.0593	1.5900e-003	0.0609			187.6613	187.6613	8.8700e-003		187.8475
Total	0.0567	0.0825	0.7907	2.6800e-003	0.2243	1.8900e-003	0.2262	0.0595	1.7500e-003	0.0613			190.7881	190.7881	8.8900e-003		190.9749

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Fugitive Dust					3.4500e-003	0.0000	3.4500e-003	5.2000e-004	0.0000	5.2000e-004			0.0000				0.0000
Off-Road	3.2376	31.7629	32.4182	0.0457		1.5587	1.5587		1.4479	1.4479	0.0000		4,409.5865	4,409.5865	1.2689		4,436.2331

Total	3.2376	31.7629	32.4182	0.0457	3.4500e-003	1.5587	1.5622	5.2000e-004	1.4479	1.4484	0.0000	4,409.5865	4,409.5865	1.2689		4,436.2331
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	7.2000e-004	8.1000e-003	9.2400e-003	3.0000e-005	7.9000e-004	1.8000e-004	9.7000e-004	2.2000e-004	1.6000e-004	3.8000e-004		3.1268	3.1268	2.0000e-005		3.1274
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	0.0560	0.0744	0.7815	2.6500e-003	0.2236	1.7100e-003	0.2253	0.0593	1.5900e-003	0.0609		187.6613	187.6613	8.8700e-003		187.8475
Total	0.0567	0.0825	0.7907	2.6800e-003	0.2243	1.8900e-003	0.2262	0.0595	1.7500e-003	0.0613		190.7881	190.7881	8.8900e-003		190.9749

3.7 Grading 2 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2149	0.0000	6.2149	3.3311	0.0000	3.3311			0.0000			0.0000
Off-Road	4.6602	47.0560	43.8582	0.0747		2.1988	2.1988		2.0229	2.0229		7,229.4861	7,229.4861	2.3382		7,278.5875
Total	4.6602	47.0560	43.8582	0.0747	6.2149	2.1988	8.4137	3.3311	2.0229	5.3539		7,229.4861	7,229.4861	2.3382		7,278.5875

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0742	0.0977	1.0284	3.7100e-003	0.3130	2.3900e-003	0.3154	0.0830	2.2200e-003	0.0852		258.3583	258.3583	0.0119		258.6080
Total	0.0742	0.0977	1.0284	3.7100e-003	0.3130	2.3900e-003	0.3154	0.0830	2.2200e-003	0.0852		258.3583	258.3583	0.0119		258.6080

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					2.3026	0.0000	2.3026	1.2342	0.0000	1.2342			0.0000			0.0000
Off-Road	4.6602	47.0560	43.8582	0.0747		2.1988	2.1988		2.0229	2.0229	0.0000	7,229.4861	7,229.4861	2.3382		7,278.5875
Total	4.6602	47.0560	43.8582	0.0747	2.3026	2.1988	4.5014	1.2342	2.0229	3.2570	0.0000	7,229.4861	7,229.4861	2.3382		7,278.5875

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	0.0742	0.0977	1.0284	3.7100e-003	0.3130	2.3900e-003	0.3154	0.0830	2.2200e-003	0.0852		258.3583	258.3583	0.0119		258.6080
Total	0.0742	0.0977	1.0284	3.7100e-003	0.3130	2.3900e-003	0.3154	0.0830	2.2200e-003	0.0852		258.3583	258.3583	0.0119		258.6080

3.8 Paving 2 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0347	20.2205	22.7687	0.0389		1.0271	1.0271		0.9461	0.9461		3,743.2489	3,743.2489	1.1998		3,768.4450
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.0347	20.2205	22.7687	0.0389		1.0271	1.0271		0.9461	0.9461		3,743.2489	3,743.2489	1.1998		3,768.4450

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0663	0.0872	0.9183	3.3100e-003	0.2794	2.1400e-003	0.2816	0.0741	1.9800e-003	0.0761		230.6771	230.6771	0.0106		230.9000
Total	0.0663	0.0872	0.9183	3.3100e-003	0.2794	2.1400e-003	0.2816	0.0741	1.9800e-003	0.0761		230.6771	230.6771	0.0106		230.9000

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	2.0347	20.2205	22.7687	0.0389		1.0271	1.0271		0.9461	0.9461	0.0000	3,743.2489	3,743.2489	1.1998		3,768.4450
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.0347	20.2205	22.7687	0.0389		1.0271	1.0271		0.9461	0.9461	0.0000	3,743.2489	3,743.2489	1.1998		3,768.4450

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0663	0.0872	0.9183	3.3100e-003	0.2794	2.1400e-003	0.2816	0.0741	1.9800e-003	0.0761		230.6771	230.6771	0.0106		230.9000
Total	0.0663	0.0872	0.9183	3.3100e-003	0.2794	2.1400e-003	0.2816	0.0741	1.9800e-003	0.0761		230.6771	230.6771	0.0106		230.9000

3.9 Building Construction 2 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.5089	31.1772	29.1240	0.0719		1.4862	1.4862		1.3841	1.3841		6,901.6140	6,901.6140	2.0179		6,943.9909

Total	3.5089	31.1772	29.1240	0.0719		1.4862	1.4862		1.3841	1.3841		6,901.6140	6,901.6140	2.0179		6,943.9909
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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	5.5148	38.4537	81.4245	0.1786	5.2149	0.7797	5.9946	1.4854	0.7173	2.2027		16,706.0756	16,706.0756	0.1286		16,708.7764
Worker	5.6558	7.4416	78.3453	0.2826	23.8419	0.1823	24.0242	6.3230	0.1691	6.4921		19,681.3695	19,681.3695	0.9055		19,700.3855
Total	11.1705	45.8953	159.7698	0.4611	29.0568	0.9620	30.0188	7.8084	0.8865	8.6948		36,387.4451	36,387.4451	1.0341		36,409.1619

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	3.5089	31.1772	29.1240	0.0719		1.4862	1.4862		1.3841	1.3841	0.0000	6,901.6140	6,901.6140	2.0179		6,943.9909
Total	3.5089	31.1772	29.1240	0.0719		1.4862	1.4862		1.3841	1.3841	0.0000	6,901.6140	6,901.6140	2.0179		6,943.9909

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	5.5148	38.4537	81.4245	0.1786	5.2149	0.7797	5.9946	1.4854	0.7173	2.2027		16,706.0756	16,706.0756	0.1286		16,708.7764
Worker	5.6558	7.4416	78.3453	0.2826	23.8419	0.1823	24.0242	6.3230	0.1691	6.4921		19,681.3695	19,681.3695	0.9055		19,700.3855
Total	11.1705	45.8953	159.7698	0.4611	29.0568	0.9620	30.0188	7.8084	0.8865	8.6948		36,387.4451	36,387.4451	1.0341		36,409.1619

3.9 Building Construction 2 - 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	lb/day										lb/day					
Off-Road	3.3000	28.5962	28.8550	0.0719		1.3192	1.3192		1.2283	1.2283		6,906.0528	6,906.0528	2.0150		6,948.3677
Total	3.3000	28.5962	28.8550	0.0719		1.3192	1.3192		1.2283	1.2283		6,906.0528	6,906.0528	2.0150		6,948.3677

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	5.1211	30.5501	78.4007	0.1777	5.2150	0.7698	5.9847	1.4854	0.7082	2.1936		16,625.34	16,625.348	0.1161		16,627.78
												83	3			60
Worker	5.3589	7.0025	73.7801	0.2825	23.8419	0.1822	24.0241	6.3230	0.1690	6.4920		19,377.79	19,377.796	0.8700		19,396.06
												69	9			75
Total	10.4800	37.5527	152.1808	0.4601	29.0569	0.9520	30.0089	7.8084	0.8773	8.6856		36,003.14	36,003.145	0.9861		36,023.85
												52	2			35

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	3.3000	28.5962	28.8550	0.0719		1.3192	1.3192		1.2283	1.2283	0.0000	6,906.052	6,906.0528	2.0150		6,948.367
												8				7
Total	3.3000	28.5962	28.8550	0.0719		1.3192	1.3192		1.2283	1.2283	0.0000	6,906.052	6,906.0528	2.0150		6,948.367
												8				7

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	5.1211	30.5501	78.4007	0.1777	5.2150	0.7698	5.9847	1.4854	0.7082	2.1936		16,625.34	16,625.348	0.1161		16,627.78
												83	3			60
Worker	5.3589	7.0025	73.7801	0.2825	23.8419	0.1822	24.0241	6.3230	0.1690	6.4920		19,377.79	19,377.796	0.8700		19,396.06
												69	9			75
Total	10.4800	37.5527	152.1808	0.4601	29.0569	0.9520	30.0089	7.8084	0.8773	8.6856		36,003.14	36,003.145	0.9861		36,023.85
												52	2			35

3.10 Demolition 3 - 2024

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					4.6600e-003	0.0000	4.6600e-003	7.1000e-004	0.0000	7.1000e-004			0.0000			0.0000
Off-Road	2.6556	24.2033	30.2186	0.0457		1.1262	1.1262		1.0449	1.0449		4,412.2000	4,412.2000	1.2635		4,438.7329
Total	2.6556	24.2033	30.2186	0.0457	4.6600e-003	1.1262	1.1308	7.1000e-004	1.0449	1.0456		4,412.2000	4,412.2000	1.2635		4,438.7329

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	3.2000e-004	2.6400e-003	4.3100e-003	2.0000e-005	4.0000e-004	9.0000e-005	4.8000e-004	1.1000e-004	8.0000e-005	1.9000e-004		1.5551	1.5551	1.0000e-005		1.5554
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	0.0478	0.0622	0.6574	2.6600e-003	0.2236	1.7300e-003	0.2253	0.0593	1.6000e-003	0.0609		180.0960	180.0960	7.9400e-003		180.2627
Total	0.0481	0.0648	0.6618	2.6800e-003	0.2240	1.8200e-003	0.2258	0.0594	1.6800e-003	0.0611		181.6512	181.6512	7.9500e-003		181.8181

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					1.7300e-003	0.0000	1.7300e-003	2.6000e-004	0.0000	2.6000e-004			0.0000			0.0000

Off-Road	2.6556	24.2033	30.2186	0.0457		1.1262	1.1262		1.0449	1.0449	0.0000	4,412.2000	4,412.2000	1.2635		4,438.7329
Total	2.6556	24.2033	30.2186	0.0457	1.7300e-003	1.1262	1.1279	2.6000e-004	1.0449	1.0452	0.0000	4,412.2000	4,412.2000	1.2635		4,438.7329

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	3.2000e-004	2.6400e-003	4.3100e-003	2.0000e-005	4.0000e-004	9.0000e-005	4.8000e-004	1.1000e-004	8.0000e-005	1.9000e-004		1.5551	1.5551	1.0000e-005		1.5554
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	0.0478	0.0622	0.6574	2.6600e-003	0.2236	1.7300e-003	0.2253	0.0593	1.6000e-003	0.0609		180.0960	180.0960	7.9400e-003		180.2627
Total	0.0481	0.0648	0.6618	2.6800e-003	0.2240	1.8200e-003	0.2258	0.0594	1.6800e-003	0.0611		181.6512	181.6512	7.9500e-003		181.8181

3.11 Grading 3 - 2025

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					6.2856	0.0000	6.2856	3.3432	0.0000	3.3432			0.0000			0.0000
Off-Road	3.6974	33.4394	40.0063	0.0747		1.5123	1.5123		1.3913	1.3913		7,226.8273	7,226.8273	2.3373		7,275.9106
Total	3.6974	33.4394	40.0063	0.0747	6.2856	1.5123	7.7978	3.3432	1.3913	4.7344		7,226.8273	7,226.8273	2.3373		7,275.9106

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	0.2995	1.2624	7.1978	4.0400e-003	0.0754	0.0186	0.0940	0.0208	0.0171	0.0379		371.0129	371.0129	5.7500e-003		371.1336
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	0.0639	0.0827	0.8775	3.7300e-003	0.3130	2.4200e-003	0.3154	0.0830	2.2500e-003	0.0853		248.9261	248.9261	0.0108		249.1521
Total	0.3634	1.3451	8.0752	7.7700e-003	0.3884	0.0211	0.4094	0.1038	0.0194	0.1231		619.9390	619.9390	0.0165		620.2857

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					2.3288	0.0000	2.3288	1.2386	0.0000	1.2386			0.0000			0.0000
Off-Road	3.6974	33.4394	40.0063	0.0747		1.5123	1.5123		1.3913	1.3913	0.0000	7,226.8273	7,226.8273	2.3373		7,275.9106
Total	3.6974	33.4394	40.0063	0.0747	2.3288	1.5123	3.8411	1.2386	1.3913	2.6299	0.0000	7,226.8273	7,226.8273	2.3373		7,275.9106

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	0.2995	1.2624	7.1978	4.0400e-003	0.0754	0.0186	0.0940	0.0208	0.0171	0.0379		371.0129	371.0129	5.7500e-003		371.1336

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	0.0639	0.0827	0.8775	3.7300e-003	0.3130	2.4200e-003	0.3154	0.0830	2.2500e-003	0.0853		248.9261	248.9261	0.0108		249.1521
Total	0.3634	1.3451	8.0752	7.7700e-003	0.3884	0.0211	0.4094	0.1038	0.0194	0.1231		619.9390	619.9390	0.0165		620.2857

3.12 Paving 3 - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6717	15.3824	22.6732	0.0389		0.7386	0.7386		0.6807	0.6807		3,742.7783	3,742.7783	1.1997		3,767.9712
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.6717	15.3824	22.6732	0.0389		0.7386	0.7386		0.6807	0.6807		3,742.7783	3,742.7783	1.1997		3,767.9712

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0570	0.0739	0.7835	3.3300e-003	0.2794	2.1600e-003	0.2816	0.0741	2.0100e-003	0.0761		222.2554	222.2554	9.6100e-003		222.4572
Total	0.0570	0.0739	0.7835	3.3300e-003	0.2794	2.1600e-003	0.2816	0.0741	2.0100e-003	0.0761		222.2554	222.2554	9.6100e-003		222.4572

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6717	15.3824	22.6732	0.0389		0.7386	0.7386		0.6807	0.6807	0.0000	3,742.7783	3,742.7783	1.1997		3,767.9712
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.6717	15.3824	22.6732	0.0389		0.7386	0.7386		0.6807	0.6807	0.0000	3,742.7783	3,742.7783	1.1997		3,767.9712

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0570	0.0739	0.7835	3.3300e-003	0.2794	2.1600e-003	0.2816	0.0741	2.0100e-003	0.0761		222.2554	222.2554	9.6100e-003		222.4572
Total	0.0570	0.0739	0.7835	3.3300e-003	0.2794	2.1600e-003	0.2816	0.0741	2.0100e-003	0.0761		222.2554	222.2554	9.6100e-003		222.4572

3.12 Paving 3 - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6717	15.3824	22.6732	0.0389		0.7386	0.7386		0.6807	0.6807		3,742.7783	3,742.7783	1.1997		3,767.9712

Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000	
Total	1.6717	15.3824	22.6732	0.0389		0.7386	0.7386		0.6807	0.6807			3,742.7783	3,742.7783	1.1997		3,767.9712

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0546	0.0706	0.7503	3.3300e-003	0.2794	2.1800e-003	0.2816	0.0741	2.0200e-003	0.0761		219.7611	219.7611	9.3400e-003			219.9572
Total	0.0546	0.0706	0.7503	3.3300e-003	0.2794	2.1800e-003	0.2816	0.0741	2.0200e-003	0.0761		219.7611	219.7611	9.3400e-003			219.9572

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.6717	15.3824	22.6732	0.0389		0.7386	0.7386		0.6807	0.6807	0.0000	3,742.7783	3,742.7783	1.1997			3,767.9712
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Total	1.6717	15.3824	22.6732	0.0389		0.7386	0.7386		0.6807	0.6807	0.0000	3,742.7783	3,742.7783	1.1997			3,767.9712

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0546	0.0706	0.7503	3.3300e-003	0.2794	2.1800e-003	0.2816	0.0741	2.0200e-003	0.0761		219.7611	219.7611	9.3400e-003		219.9572
Total	0.0546	0.0706	0.7503	3.3300e-003	0.2794	2.1800e-003	0.2816	0.0741	2.0200e-003	0.0761		219.7611	219.7611	9.3400e-003		219.9572

3.13 Building Construction 3 - 2026

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	2.9993	24.6385	28.4787	0.0719		1.0550	1.0550		0.9815	0.9815		6,908.6322	6,908.6322	2.0085		6,950.8112
Total	2.9993	24.6385	28.4787	0.0719		1.0550	1.0550		0.9815	0.9815		6,908.6322	6,908.6322	2.0085		6,950.8112

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	4.7882	29.2656	74.1118	0.1781	5.2155	0.7418	5.9572	1.4856	0.6824	2.1680		16,667.18	16,667.183	0.1147		16,669.59
												37	7			17
Worker	4.6550	6.0215	64.0110	0.2838	23.8419	0.1858	24.0277	6.3230	0.1724	6.4954		18,750.01	18,750.015	0.7967		18,766.74
												56	6			60
Total	9.4432	35.2871	138.1228	0.4618	29.0574	0.9276	29.9849	7.8086	0.8548	8.6634		35,417.19	35,417.199	0.9114		35,436.33
												93	3			77

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	2.9993	24.6385	28.4787	0.0719		1.0550	1.0550		0.9815	0.9815	0.0000	6,908.632	6,908.6322	2.0085		6,950.811
												2				2
Total	2.9993	24.6385	28.4787	0.0719		1.0550	1.0550		0.9815	0.9815	0.0000	6,908.632	6,908.6322	2.0085		6,950.811
												2				2

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	4.7882	29.2656	74.1118	0.1781	5.2155	0.7418	5.9572	1.4856	0.6824	2.1680		16,667.18	16,667.183	0.1147		16,669.59
												37	7			17
Worker	4.6550	6.0215	64.0110	0.2838	23.8419	0.1858	24.0277	6.3230	0.1724	6.4954		18,750.01	18,750.015	0.7967		18,766.74
												56	6			60
Total	9.4432	35.2871	138.1228	0.4618	29.0574	0.9276	29.9849	7.8086	0.8548	8.6634		35,417.19	35,417.199	0.9114		35,436.33
												93	3			77

3.13 Building Construction 3 - 2027

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	2.9993	24.6385	28.4787	0.0719		1.0550	1.0550		0.9815	0.9815		6,908.6322	6,908.6322	2.0085		6,950.8112
Total	2.9993	24.6385	28.4787	0.0719		1.0550	1.0550		0.9815	0.9815		6,908.6322	6,908.6322	2.0085		6,950.8112

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	4.7385	29.0315	73.3848	0.1780	5.2157	0.7436	5.9594	1.4857	0.6842	2.1698		16,668.0532	16,668.0532	0.1149		16,670.4662
Worker	4.4578	5.7700	61.4979	0.2837	23.8419	0.1866	24.0285	6.3230	0.1732	6.4961		18,564.2901	18,564.2901	0.7759		18,580.5831
Total	9.1963	34.8015	134.8826	0.4618	29.0577	0.9303	29.9879	7.8087	0.8573	8.6660		35,232.3433	35,232.3433	0.8908		35,251.0493

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	2.9993	24.6385	28.4787	0.0719		1.0550	1.0550		0.9815	0.9815	0.0000	6,908.6322	6,908.6322	2.0085		6,950.8112

Total	2.9993	24.6385	28.4787	0.0719		1.0550	1.0550		0.9815	0.9815	0.0000	6,908.6322	6,908.6322	2.0085		6,950.8112
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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	4.7385	29.0315	73.3848	0.1780	5.2157	0.7436	5.9594	1.4857	0.6842	2.1698		16,668.0532	16,668.0532	0.1149		16,670.4662
Worker	4.4578	5.7700	61.4979	0.2837	23.8419	0.1866	24.0285	6.3230	0.1732	6.4961		18,564.2901	18,564.2901	0.7759		18,580.5831
Total	9.1963	34.8015	134.8826	0.4618	29.0577	0.9303	29.9879	7.8087	0.8573	8.6660		35,232.3433	35,232.3433	0.8908		35,251.0493

3.14 Demolition 4 - 2026

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					4.6600e-003	0.0000	4.6600e-003	7.1000e-004	0.0000	7.1000e-004			0.0000			0.0000
Off-Road	2.3981	20.9287	28.3931	0.0457		0.9457	0.9457		0.8774	0.8774		4,411.5421	4,411.5421	1.2612		4,438.0267
Total	2.3981	20.9287	28.3931	0.0457	4.6600e-003	0.9457	0.9503	7.1000e-004	0.8774	0.8781		4,411.5421	4,411.5421	1.2612		4,438.0267

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	3.0000e-004	2.5200e-003	4.1800e-003	2.0000e-005	4.0000e-004	8.0000e-005	4.8000e-004	1.1000e-004	8.0000e-005	1.8000e-004		1.5546	1.5546	1.0000e-005		1.5548
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	0.0437	0.0565	0.6002	2.6600e-003	0.2236	1.7400e-003	0.2253	0.0593	1.6200e-003	0.0609		175.8089	175.8089	7.4700e-003		175.9657
Total	0.0440	0.0590	0.6044	2.6800e-003	0.2240	1.8200e-003	0.2258	0.0594	1.7000e-003	0.0611		177.3635	177.3635	7.4800e-003		177.5206

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					1.7300e-003	0.0000	1.7300e-003	2.6000e-004	0.0000	2.6000e-004			0.0000			0.0000
Off-Road	2.3981	20.9287	28.3931	0.0457		0.9457	0.9457		0.8774	0.8774	0.0000	4,411.5420	4,411.5420	1.2612		4,438.0267
Total	2.3981	20.9287	28.3931	0.0457	1.7300e-003	0.9457	0.9474	2.6000e-004	0.8774	0.8777	0.0000	4,411.5420	4,411.5420	1.2612		4,438.0267

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	3.0000e-004	2.5200e-003	4.1800e-003	2.0000e-005	4.0000e-004	8.0000e-005	4.8000e-004	1.1000e-004	8.0000e-005	1.8000e-004		1.5546	1.5546	1.0000e-005		1.5548

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	0.0437	0.0565	0.6002	2.6600e-003	0.2236	1.7400e-003	0.2253	0.0593	1.6200e-003	0.0609		175.8089	175.8089	7.4700e-003		175.9657
Total	0.0440	0.0590	0.6044	2.6800e-003	0.2240	1.8200e-003	0.2258	0.0594	1.7000e-003	0.0611		177.3635	177.3635	7.4800e-003		177.5206

3.15 Grading 4 - 2027

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					6.1908	0.0000	6.1908	3.3284	0.0000	3.3284			0.0000			0.0000
Off-Road	3.6974	33.4394	40.0063	0.0747		1.5123	1.5123		1.3913	1.3913		7,226.8273	7,226.8273	2.3373		7,275.9106
Total	3.6974	33.4394	40.0063	0.0747	6.1908	1.5123	7.7031	3.3284	1.3913	4.7197		7,226.8273	7,226.8273	2.3373		7,275.9106

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0585	0.0757	0.8073	3.7200e-003	0.3130	2.4500e-003	0.3154	0.0830	2.2700e-003	0.0853		243.6944	243.6944	0.0102		243.9083
Total	0.0585	0.0757	0.8073	3.7200e-003	0.3130	2.4500e-003	0.3154	0.0830	2.2700e-003	0.0853		243.6944	243.6944	0.0102		243.9083

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					2.2937	0.0000	2.2937	1.2332	0.0000	1.2332			0.0000				0.0000
Off-Road	3.6974	33.4394	40.0063	0.0747		1.5123	1.5123		1.3913	1.3913	0.0000	7,226.8273	7,226.8273	2.3373			7,275.9106
Total	3.6974	33.4394	40.0063	0.0747	2.2937	1.5123	3.8060	1.2332	1.3913	2.6245	0.0000	7,226.8273	7,226.8273	2.3373			7,275.9106

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0585	0.0757	0.8073	3.7200e-003	0.3130	2.4500e-003	0.3154	0.0830	2.2700e-003	0.0853		243.6944	243.6944	0.0102			243.9083
Total	0.0585	0.0757	0.8073	3.7200e-003	0.3130	2.4500e-003	0.3154	0.0830	2.2700e-003	0.0853		243.6944	243.6944	0.0102			243.9083

3.16 Paving 4 - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.6717	15.3824	22.6732	0.0389		0.7386	0.7386		0.6807	0.6807		3,742.7783	3,742.7783	1.1997			3,767.9712

Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000	
Total	1.6717	15.3824	22.6732	0.0389		0.7386	0.7386		0.6807	0.6807			3,742.7783	3,742.7783	1.1997		3,767.9712

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0523	0.0676	0.7208	3.3300e-003	0.2794	2.1900e-003	0.2816	0.0741	2.0300e-003	0.0761		217.5843	217.5843	9.0900e-003			217.7752
Total	0.0523	0.0676	0.7208	3.3300e-003	0.2794	2.1900e-003	0.2816	0.0741	2.0300e-003	0.0761		217.5843	217.5843	9.0900e-003			217.7752

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.6717	15.3824	22.6732	0.0389		0.7386	0.7386		0.6807	0.6807	0.0000	3,742.7783	3,742.7783	1.1997			3,767.9712
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Total	1.6717	15.3824	22.6732	0.0389		0.7386	0.7386		0.6807	0.6807	0.0000	3,742.7783	3,742.7783	1.1997			3,767.9712

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0523	0.0676	0.7208	3.3300e-003	0.2794	2.1900e-003	0.2816	0.0741	2.0300e-003	0.0761		217.5843	217.5843	9.0900e-003		217.7752
Total	0.0523	0.0676	0.7208	3.3300e-003	0.2794	2.1900e-003	0.2816	0.0741	2.0300e-003	0.0761		217.5843	217.5843	9.0900e-003		217.7752

3.16 Paving 4 - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6717	15.3824	22.6732	0.0389		0.7386	0.7386		0.6807	0.6807		3,742.7783	3,742.7783	1.1997		3,767.9712
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.6717	15.3824	22.6732	0.0389		0.7386	0.7386		0.6807	0.6807		3,742.7783	3,742.7783	1.1997		3,767.9712

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0501	0.0650	0.6952	3.3200e-003	0.2794	2.2000e-003	0.2816	0.0741	2.0400e-003	0.0762		215.7085	215.7085	8.8800e-003		215.8950
Total	0.0501	0.0650	0.6952	3.3200e-003	0.2794	2.2000e-003	0.2816	0.0741	2.0400e-003	0.0762		215.7085	215.7085	8.8800e-003		215.8950

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6717	15.3824	22.6732	0.0389		0.7386	0.7386		0.6807	0.6807	0.0000	3,742.7783	3,742.7783	1.1997		3,767.9712
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.6717	15.3824	22.6732	0.0389		0.7386	0.7386		0.6807	0.6807	0.0000	3,742.7783	3,742.7783	1.1997		3,767.9712

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0501	0.0650	0.6952	3.3200e-003	0.2794	2.2000e-003	0.2816	0.0741	2.0400e-003	0.0762		215.7085	215.7085	8.8800e-003		215.8950
Total	0.0501	0.0650	0.6952	3.3200e-003	0.2794	2.2000e-003	0.2816	0.0741	2.0400e-003	0.0762		215.7085	215.7085	8.8800e-003		215.8950

3.17 Building Construction 4 - 2028

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	2.9993	24.6385	28.4787	0.0719		1.0550	1.0550		0.9815	0.9815		6,908.6322	6,908.6322	2.0085		6,950.8112
Total	2.9993	24.6385	28.4787	0.0719		1.0550	1.0550		0.9815	0.9815		6,908.6322	6,908.6322	2.0085		6,950.8112

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	4.6787	28.7535	72.7251	0.1780	5.2160	0.7388	5.9548	1.4858	0.6797	2.1655		16,667.8580	16,667.8580	0.1144		16,670.2604
Worker	4.2781	5.5444	59.3137	0.2837	23.8419	0.1874	24.0293	6.3230	0.1739	6.4968		18,404.2513	18,404.2513	0.7574		18,420.1568
Total	8.9567	34.2979	132.0388	0.4617	29.0579	0.9262	29.9841	7.8088	0.8536	8.6623		35,072.1093	35,072.1093	0.8718		35,090.4172

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	2.9993	24.6385	28.4787	0.0719		1.0550	1.0550		0.9815	0.9815	0.0000	6,908.6322	6,908.6322	2.0085		6,950.8112

Total	2.9993	24.6385	28.4787	0.0719		1.0550	1.0550		0.9815	0.9815	0.0000	6,908.6322	6,908.6322	2.0085		6,950.8112
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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	4.6787	28.7535	72.7251	0.1780	5.2160	0.7388	5.9548	1.4858	0.6797	2.1655		16,667.8580	16,667.8580	0.1144		16,670.2604
Worker	4.2781	5.5444	59.3137	0.2837	23.8419	0.1874	24.0293	6.3230	0.1739	6.4968		18,404.2513	18,404.2513	0.7574		18,420.1568
Total	8.9567	34.2979	132.0388	0.4617	29.0579	0.9262	29.9841	7.8088	0.8536	8.6623		35,072.1093	35,072.1093	0.8718		35,090.4172

3.17 Building Construction 4 - 2029

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	2.9993	24.6385	28.4787	0.0719		1.0550	1.0550		0.9815	0.9815		6,908.6322	6,908.6322	2.0085		6,950.8112
Total	2.9993	24.6385	28.4787	0.0719		1.0550	1.0550		0.9815	0.9815		6,908.6322	6,908.6322	2.0085		6,950.8112

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	4.6275	28.6136	71.9899	0.1780	5.2162	0.7399	5.9561	1.4858	0.6807	2.1665		16,668.1242	16,668.1242	0.1145		16,670.5294
Worker	4.0983	5.3226	57.1645	0.2836	23.8419	0.1878	24.0297	6.3230	0.1742	6.4972		18,265.4863	18,265.4863	0.7394		18,281.0140
Total	8.7258	33.9362	129.1545	0.4616	29.0581	0.9276	29.9857	7.8088	0.8549	8.6637		34,933.6105	34,933.6105	0.8539		34,951.5435

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.9993	24.6385	28.4787	0.0719		1.0550	1.0550		0.9815	0.9815	0.0000	6,908.6322	6,908.6322	2.0085		6,950.8112
Total	2.9993	24.6385	28.4787	0.0719		1.0550	1.0550		0.9815	0.9815	0.0000	6,908.6322	6,908.6322	2.0085		6,950.8112

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	4.6275	28.6136	71.9899	0.1780	5.2162	0.7399	5.9561	1.4858	0.6807	2.1665		16,668.1242	16,668.1242	0.1145		16,670.5294
Worker	4.0983	5.3226	57.1645	0.2836	23.8419	0.1878	24.0297	6.3230	0.1742	6.4972		18,265.4863	18,265.4863	0.7394		18,281.0140
Total	8.7258	33.9362	129.1545	0.4616	29.0581	0.9276	29.9857	7.8088	0.8549	8.6637		34,933.6105	34,933.6105	0.8539		34,951.5435

3.18 Demolition 5 - 2029

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					3.1100e-003	0.0000	3.1100e-003	4.7000e-004	0.0000	4.7000e-004			0.0000			0.0000
Off-Road	2.3981	20.9287	28.3931	0.0457		0.9457	0.9457		0.8774	0.8774		4,411.5421	4,411.5421	1.2612		4,438.0267
Total	2.3981	20.9287	28.3931	0.0457	3.1100e-003	0.9457	0.9488	4.7000e-004	0.8774	0.8779		4,411.5421	4,411.5421	1.2612		4,438.0267

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	2.0000e-004	1.6400e-003	2.7500e-003	1.0000e-005	2.6000e-004	5.0000e-005	3.2000e-004	7.0000e-005	5.0000e-005	1.2000e-004		1.0364	1.0364	1.0000e-005		1.0365
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	0.0384	0.0499	0.5360	2.6600e-003	0.2236	1.7600e-003	0.2253	0.0593	1.6300e-003	0.0609		171.2657	171.2657	6.9300e-003		171.4113
Total	0.0386	0.0516	0.5388	2.6700e-003	0.2238	1.8100e-003	0.2256	0.0594	1.6800e-003	0.0610		172.3021	172.3021	6.9400e-003		172.4478

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					1.1500e-003	0.0000	1.1500e-003	1.7000e-004	0.0000	1.7000e-004			0.0000			0.0000
Off-Road	2.3981	20.9287	28.3931	0.0457		0.9457	0.9457		0.8774	0.8774	0.0000	4,411.5420	4,411.5420	1.2612		4,438.0267
Total	2.3981	20.9287	28.3931	0.0457	1.1500e-003	0.9457	0.9468	1.7000e-004	0.8774	0.8776	0.0000	4,411.5420	4,411.5420	1.2612		4,438.0267

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	2.0000e-004	1.6400e-003	2.7500e-003	1.0000e-005	2.6000e-004	5.0000e-005	3.2000e-004	7.0000e-005	5.0000e-005	1.2000e-004		1.0364	1.0364	1.0000e-005		1.0365
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	0.0384	0.0499	0.5360	2.6600e-003	0.2236	1.7600e-003	0.2253	0.0593	1.6300e-003	0.0609		171.2657	171.2657	6.9300e-003		171.4113
Total	0.0386	0.0516	0.5388	2.6700e-003	0.2238	1.8100e-003	0.2256	0.0594	1.6800e-003	0.0610		172.3021	172.3021	6.9400e-003		172.4478

3.19 Grading 5 - 2029

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					6.1346	0.0000	6.1346	3.3224	0.0000	3.3224			0.0000			0.0000

Off-Road	3.6974	33.4394	40.0063	0.0747		1.5123	1.5123		1.3913	1.3913		7,226.8273	7,226.8273	2.3373		7,275.9106
Total	3.6974	33.4394	40.0063	0.0747	6.1346	1.5123	7.6468	3.3224	1.3913	4.7137		7,226.8273	7,226.8273	2.3373		7,275.9106

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0538	0.0699	0.7504	3.7200e-003	0.3130	2.4600e-003	0.3154	0.0830	2.2900e-003	0.0853		239.7720	239.7720	9.7100e-003		239.9758
Total	0.0538	0.0699	0.7504	3.7200e-003	0.3130	2.4600e-003	0.3154	0.0830	2.2900e-003	0.0853		239.7720	239.7720	9.7100e-003		239.9758

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					2.2729	0.0000	2.2729	1.2309	0.0000	1.2309			0.0000			0.0000
Off-Road	3.6974	33.4394	40.0063	0.0747		1.5123	1.5123		1.3913	1.3913	0.0000	7,226.8273	7,226.8273	2.3373		7,275.9106
Total	3.6974	33.4394	40.0063	0.0747	2.2729	1.5123	3.7851	1.2309	1.3913	2.6222	0.0000	7,226.8273	7,226.8273	2.3373		7,275.9106

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0538	0.0699	0.7504	3.7200e-003	0.3130	2.4600e-003	0.3154	0.0830	2.2900e-003	0.0853		239.7720	239.7720	9.7100e-003		239.9758
Total	0.0538	0.0699	0.7504	3.7200e-003	0.3130	2.4600e-003	0.3154	0.0830	2.2900e-003	0.0853		239.7720	239.7720	9.7100e-003		239.9758

3.20 Paving 5 - 2030

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	2.1089	10.3808	23.7319	0.0462		0.4376	0.4376		0.4376	0.4376		4,484.8278	4,484.8278	0.1887		4,488.7903
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.1089	10.3808	23.7319	0.0462		0.4376	0.4376		0.4376	0.4376		4,484.8278	4,484.8278	0.1887		4,488.7903

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0460	0.0599	0.6476	3.3200e-003	0.2794	2.2000e-003	0.2816	0.0741	2.0400e-003	0.0762		212.6826	212.6826	8.4700e-003		212.8604
Total	0.0460	0.0599	0.6476	3.3200e-003	0.2794	2.2000e-003	0.2816	0.0741	2.0400e-003	0.0762		212.6826	212.6826	8.4700e-003		212.8604

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	2.1089	10.3808	23.7319	0.0462		0.4376	0.4376		0.4376	0.4376	0.0000	4,484.8278	4,484.8278	0.1887		4,488.7903
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.1089	10.3808	23.7319	0.0462		0.4376	0.4376		0.4376	0.4376	0.0000	4,484.8278	4,484.8278	0.1887		4,488.7903

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0460	0.0599	0.6476	3.3200e-003	0.2794	2.2000e-003	0.2816	0.0741	2.0400e-003	0.0762		212.6826	212.6826	8.4700e-003		212.8604
Total	0.0460	0.0599	0.6476	3.3200e-003	0.2794	2.2000e-003	0.2816	0.0741	2.0400e-003	0.0762		212.6826	212.6826	8.4700e-003		212.8604

3.21 Building Construction 5 - 2031

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	3.2066	13.6621	27.9437	0.0794		0.3834	0.3834		0.3834	0.3834		8,120.8863	8,120.8863	0.2830		8,126.8299
Total	3.2066	13.6621	27.9437	0.0794		0.3834	0.3834		0.3834	0.3834		8,120.8863	8,120.8863	0.2830		8,126.8299

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	4.5560	28.4153	71.0961	0.1782	5.2166	0.7351	5.9517	1.4860	0.6763	2.1623		16,684.1365	16,684.1365	0.1154		16,686.5608
Worker	3.7621	4.9158	53.6364	0.2838	23.8419	0.1882	24.0301	6.3230	0.1746	6.4976		18,064.9909	18,064.9909	0.7094		18,079.8879
Total	8.3181	33.3312	124.7325	0.4620	29.0585	0.9233	29.9818	7.8090	0.8509	8.6599		34,749.1274	34,749.1274	0.8248		34,766.4487

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	3.2066	13.6621	27.9437	0.0794		0.3834	0.3834		0.3834	0.3834	0.0000	8,120.8863	8,120.8863	0.2830		8,126.8299

Total	3.2066	13.6621	27.9437	0.0794		0.3834	0.3834		0.3834	0.3834	0.0000	8,120.8863	8,120.8863	0.2830		8,126.8299
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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	4.5560	28.4153	71.0961	0.1782	5.2166	0.7351	5.9517	1.4860	0.6763	2.1623		16,684.1365	16,684.1365	0.1154		16,686.5608
Worker	3.7621	4.9158	53.6364	0.2838	23.8419	0.1882	24.0301	6.3230	0.1746	6.4976		18,064.9909	18,064.9909	0.7094		18,079.8879
Total	8.3181	33.3312	124.7325	0.4620	29.0585	0.9233	29.9818	7.8090	0.8509	8.6599		34,749.1274	34,749.1274	0.8248		34,766.4487

3.21 Building Construction 5 - 2032

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	3.2066	13.6621	27.9437	0.0794		0.3834	0.3834		0.3834	0.3834		8,120.8863	8,120.8863	0.2830		8,126.8299
Total	3.2066	13.6621	27.9437	0.0794		0.3834	0.3834		0.3834	0.3834		8,120.8863	8,120.8863	0.2830		8,126.8299

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	4.5276	28.3300	70.8397	0.1782	5.2169	0.7364	5.9533	1.4861	0.6775	2.1636		16,685.55 15	16,685.551 5	0.1156		16,687.97 91
Worker	3.5884	4.7414	52.1038	0.2838	23.8419	0.1878	24.0297	6.3230	0.1743	6.4973		17,978.97 10	17,978.971 0	0.6954		17,993.57 42
Total	8.1160	33.0714	122.9435	0.4619	29.0588	0.9242	29.9830	7.8091	0.8517	8.6609		34,664.52 26	34,664.522 6	0.8110		34,681.55 33

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	3.2066	13.6621	27.9437	0.0794		0.3834	0.3834		0.3834	0.3834	0.0000	8,120.886 3	8,120.8863	0.2830		8,126.829 9
Total	3.2066	13.6621	27.9437	0.0794		0.3834	0.3834		0.3834	0.3834	0.0000	8,120.886 3	8,120.8863	0.2830		8,126.829 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	0.0000	0.0000	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	4.5276	28.3300	70.8397	0.1782	5.2169	0.7364	5.9533	1.4861	0.6775	2.1636		16,685.55	16,685.551	0.1156		16,687.97
												15	5			91
Worker	3.5884	4.7414	52.1038	0.2838	23.8419	0.1878	24.0297	6.3230	0.1743	6.4973		17,978.97	17,978.971	0.6954		17,993.57
												10	0			42
Total	8.1160	33.0714	122.9435	0.4619	29.0588	0.9242	29.9830	7.8091	0.8517	8.6609		34,664.52	34,664.522	0.8110		34,681.55
												26	6			33

3.22 Demolition 6 - 2032

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					3.1100e-003	0.0000	3.1100e-003	4.7000e-004	0.0000	4.7000e-004			0.0000			0.0000
Off-Road	2.4153	11.4874	23.9170	0.0508		0.3971	0.3971		0.3971	0.3971		5,152.864	5,152.8647	0.2157		5,157.394
												7				6
Total	2.4153	11.4874	23.9170	0.0508	3.1100e-003	0.3971	0.4002	4.7000e-004	0.3971	0.3976		5,152.864	5,152.8647	0.2157		5,157.394
												7				6

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	2.0000e-004	1.6300e-003	2.7400e-003	1.0000e-005	2.6000e-004	5.0000e-005	3.2000e-004	7.0000e-005	5.0000e-005	1.2000e-004		1.0376	1.0376	1.0000e-005		1.0377
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	0.0337	0.0445	0.4886	2.6600e-003	0.2236	1.7600e-003	0.2253	0.0593	1.6300e-003	0.0609		168.5792	168.5792	6.5200e-003		168.7161
Total	0.0339	0.0461	0.4913	2.6700e-003	0.2238	1.8100e-003	0.2256	0.0594	1.6800e-003	0.0610		169.6168	169.6168	6.5300e-003		169.7539

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					1.1500e-003	0.0000	1.1500e-003	1.7000e-004	0.0000	1.7000e-004			0.0000			0.0000
Off-Road	2.4153	11.4874	23.9170	0.0508		0.3971	0.3971		0.3971	0.3971	0.0000	5,152.8647	5,152.8647	0.2157		5,157.3946
Total	2.4153	11.4874	23.9170	0.0508	1.1500e-003	0.3971	0.3983	1.7000e-004	0.3971	0.3973	0.0000	5,152.8647	5,152.8647	0.2157		5,157.3946

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	2.0000e-004	1.6300e-003	2.7400e-003	1.0000e-005	2.6000e-004	5.0000e-005	3.2000e-004	7.0000e-005	5.0000e-005	1.2000e-004		1.0376	1.0376	1.0000e-005		1.0377
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	0.0337	0.0445	0.4886	2.6600e-003	0.2236	1.7600e-003	0.2253	0.0593	1.6300e-003	0.0609		168.5792	168.5792	6.5200e-003		168.7161
Total	0.0339	0.0461	0.4913	2.6700e-003	0.2238	1.8100e-003	0.2256	0.0594	1.6800e-003	0.0610		169.6168	169.6168	6.5300e-003		169.7539

3.23 Grading 6 - 2033

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					6.0462	0.0000	6.0462	3.3128	0.0000	3.3128			0.0000			0.0000

Off-Road	3.9653	16.8608	34.7978	0.0835		0.6363	0.6363		0.6363	0.6363		8,653.3272	8,653.3272	0.3532		8,660.7439
Total	3.9653	16.8608	34.7978	0.0835	6.0462	0.6363	6.6825	3.3128	0.6363	3.9492		8,653.3272	8,653.3272	0.3532		8,660.7439

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0451	0.0603	0.6673	3.7200e-003	0.3130	2.4600e-003	0.3154	0.0830	2.2800e-003	0.0853		235.0624	235.0624	8.9700e-003		235.2508
Total	0.0451	0.0603	0.6673	3.7200e-003	0.3130	2.4600e-003	0.3154	0.0830	2.2800e-003	0.0853		235.0624	235.0624	8.9700e-003		235.2508

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					2.2401	0.0000	2.2401	1.2274	0.0000	1.2274			0.0000			0.0000
Off-Road	3.9653	16.8608	34.7978	0.0835		0.6363	0.6363		0.6363	0.6363	0.0000	8,653.3272	8,653.3272	0.3532		8,660.7439
Total	3.9653	16.8608	34.7978	0.0835	2.2401	0.6363	2.8765	1.2274	0.6363	1.8637	0.0000	8,653.3272	8,653.3272	0.3532		8,660.7439

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0451	0.0603	0.6673	3.7200e-003	0.3130	2.4600e-003	0.3154	0.0830	2.2800e-003	0.0853		235.0624	235.0624	8.9700e-003		235.2508
Total	0.0451	0.0603	0.6673	3.7200e-003	0.3130	2.4600e-003	0.3154	0.0830	2.2800e-003	0.0853		235.0624	235.0624	8.9700e-003		235.2508

3.24 Paving 6 - 2033

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	2.1089	10.3808	23.7319	0.0462		0.4376	0.4376		0.4376	0.4376		4,484.8278	4,484.8278	0.1887		4,488.7903
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.1089	10.3808	23.7319	0.0462		0.4376	0.4376		0.4376	0.4376		4,484.8278	4,484.8278	0.1887		4,488.7903

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0403	0.0538	0.5958	3.3300e-003	0.2794	2.2000e-003	0.2816	0.0741	2.0400e-003	0.0762		209.8772	209.8772	8.0100e-003		210.0453
Total	0.0403	0.0538	0.5958	3.3300e-003	0.2794	2.2000e-003	0.2816	0.0741	2.0400e-003	0.0762		209.8772	209.8772	8.0100e-003		210.0453

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	2.1089	10.3808	23.7319	0.0462		0.4376	0.4376		0.4376	0.4376	0.0000	4,484.8278	4,484.8278	0.1887		4,488.7903
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.1089	10.3808	23.7319	0.0462		0.4376	0.4376		0.4376	0.4376	0.0000	4,484.8278	4,484.8278	0.1887		4,488.7903

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0403	0.0538	0.5958	3.3300e-003	0.2794	2.2000e-003	0.2816	0.0741	2.0400e-003	0.0762		209.8772	209.8772	8.0100e-003		210.0453
Total	0.0403	0.0538	0.5958	3.3300e-003	0.2794	2.2000e-003	0.2816	0.0741	2.0400e-003	0.0762		209.8772	209.8772	8.0100e-003		210.0453

3.24 Paving 6 - 2034

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	2.1089	10.3808	23.7319	0.0462		0.4376	0.4376		0.4376	0.4376		4,484.8278	4,484.8278	0.1887		4,488.7903
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.1089	10.3808	23.7319	0.0462		0.4376	0.4376		0.4376	0.4376		4,484.8278	4,484.8278	0.1887		4,488.7903

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0387	0.0524	0.5813	3.3200e-003	0.2794	2.1900e-003	0.2816	0.0741	2.0300e-003	0.0761		209.1498	209.1498	7.8700e-003		209.3151
Total	0.0387	0.0524	0.5813	3.3200e-003	0.2794	2.1900e-003	0.2816	0.0741	2.0300e-003	0.0761		209.1498	209.1498	7.8700e-003		209.3151

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	2.1089	10.3808	23.7319	0.0462		0.4376	0.4376		0.4376	0.4376	0.0000	4,484.8278	4,484.8278	0.1887		4,488.7903

Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.1089	10.3808	23.7319	0.0462		0.4376	0.4376		0.4376	0.4376	0.0000	4,484.8278	4,484.8278	0.1887		4,488.7903

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0387	0.0524	0.5813	3.3200e-003	0.2794	2.1900e-003	0.2816	0.0741	2.0300e-003	0.0761		209.1498	209.1498	7.8700e-003		209.3151
Total	0.0387	0.0524	0.5813	3.3200e-003	0.2794	2.1900e-003	0.2816	0.0741	2.0300e-003	0.0761		209.1498	209.1498	7.8700e-003		209.3151

3.25 Building Construction 6 - 2034

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	3.2066	13.6621	27.9437	0.0794		0.3834	0.3834		0.3834	0.3834		8,120.8863	8,120.8863	0.2830		8,126.8299
Total	3.2066	13.6621	27.9437	0.0794		0.3834	0.3834		0.3834	0.3834		8,120.8863	8,120.8863	0.2830		8,126.8299

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	4.4795	28.1630	70.4450	0.1782	5.2173	0.7386	5.9559	1.4863	0.6795	2.1658		16,686.8590	16,686.8590	0.1159		16,689.2918
Worker	3.3008	4.4705	49.5925	0.2837	23.8419	0.1868	24.0287	6.3230	0.1733	6.4963		17,844.6635	17,844.6635	0.6716		17,858.7667
Total	7.7802	32.6335	120.0375	0.4618	29.0592	0.9254	29.9846	7.8093	0.8528	8.6621		34,531.5225	34,531.5225	0.7874		34,548.0585

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	3.2066	13.6621	27.9437	0.0794		0.3834	0.3834		0.3834	0.3834	0.0000	8,120.8863	8,120.8863	0.2830		8,126.8299
Total	3.2066	13.6621	27.9437	0.0794		0.3834	0.3834		0.3834	0.3834	0.0000	8,120.8863	8,120.8863	0.2830		8,126.8299

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	4.4795	28.1630	70.4450	0.1782	5.2173	0.7386	5.9559	1.4863	0.6795	2.1658		16,686.85	16,686.859	0.1159		16,689.29
												90	0			18
Worker	3.3008	4.4705	49.5925	0.2837	23.8419	0.1868	24.0287	6.3230	0.1733	6.4963		17,844.66	17,844.663	0.6716		17,858.76
												35	5			67
Total	7.7802	32.6335	120.0375	0.4618	29.0592	0.9254	29.9846	7.8093	0.8528	8.6621		34,531.52	34,531.522	0.7874		34,548.05
												25	5			85

3.25 Building Construction 6 - 2035

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	2.9876	11.5846	27.8701	0.0794		0.2529	0.2529		0.2529	0.2529		8,120.887	8,120.8870	0.2625		8,126.399
												0	0			0
Total	2.9876	11.5846	27.8701	0.0794		0.2529	0.2529		0.2529	0.2529		8,120.887	8,120.8870	0.2625		8,126.399
												0	0			0

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	4.4584	28.1014	70.2815	0.1782	5.2174	0.7397	5.9571	1.4863	0.6805	2.1668		16,687.47	16,687.478	0.1160		16,689.91
												85	5			40
Worker	3.1880	4.3817	48.5947	0.2836	23.8419	0.1862	24.0282	6.3230	0.1728	6.4958		17,793.18	17,793.180	0.6620		17,807.08
												07	7			16
Total	7.6464	32.4831	118.8763	0.4618	29.0594	0.9259	29.9853	7.8093	0.8533	8.6626		34,480.65	34,480.659	0.7779		34,496.99
												92	2			56

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	2.9876	11.5846	27.8701	0.0794		0.2529	0.2529		0.2529	0.2529	0.0000	8,120.8870	8,120.8870	0.2625		8,126.3990
Total	2.9876	11.5846	27.8701	0.0794		0.2529	0.2529		0.2529	0.2529	0.0000	8,120.8870	8,120.8870	0.2625		8,126.3990

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	4.4584	28.1014	70.2815	0.1782	5.2174	0.7397	5.9571	1.4863	0.6805	2.1668		16,687.4785	16,687.4785	0.1160		16,689.9140
Worker	3.1880	4.3817	48.5947	0.2836	23.8419	0.1862	24.0282	6.3230	0.1728	6.4958		17,793.1807	17,793.1807	0.6620		17,807.0816
Total	7.6464	32.4831	118.8763	0.4618	29.0594	0.9259	29.9853	7.8093	0.8533	8.6626		34,480.6592	34,480.6592	0.7779		34,496.9956

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Diversity

Increase Transit Accessibility

Improve Pedestrian Network

	ROG	NOx	CO	SO2	Fugitive 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	14.1440	27.6634	132.7323	0.4954	33.6348	0.6912	34.3260	8.9911	0.6379	9.6290		35,691.70	35,691.705	1.0362		35,713.46
												51	1			53
Unmitigated	14.5747	30.4038	142.9295	0.5592	38.1347	0.7732	38.9079	10.1940	0.7136	10.9076		40,285.91	40,285.914	1.1620		40,310.31
												47	7			59

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Arena	163.58	0.00	0.00	252,206	222,445
Arena	817.90	0.00	0.00	1,261,028	1,112,226
Arena	150.49	0.00	0.00	232,029	204,650
City Park	169.56	9.54	9.54	356,355	314,305
City Park	2,670.57	150.26	150.26	5,612,584	4,950,299
Government (Civic Center)	444.03	0.00	0.00	979,452	863,877
Health Club	903.00	438.27	561.33	1,684,924	1,486,103
Racquet Club	676.00	417.40	534.60	1,262,000	1,113,084
Recreational Swimming Pool	1,092.02	529.89	678.67	2,320,237	2,046,449
Total	7,087.16	1,545.35	1,934.40	13,960,814	12,313,438

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Arena	16.60	8.40	6.90	0.00	81.00	19.00	66	28	6
Arena	16.60	8.40	6.90	0.00	81.00	19.00	66	28	6
Arena	16.60	8.40	6.90	0.00	81.00	19.00	66	28	6
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Government (Civic Center)	16.60	8.40	6.90	75.00	20.00	5.00	50	34	16
Health Club	16.60	8.40	6.90	16.90	64.10	19.00	52	39	9
Racquet Club	16.60	8.40	6.90	11.50	69.50	19.00	52	39	9
Recreational Swimming Pool	16.60	8.40	6.90	33.00	48.00	19.00	52	39	9

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.491224	0.060821	0.184988	0.143129	0.045158	0.007219	0.016964	0.038507	0.002073	0.002552	0.004110	0.000541	0.002713

5.0 Energy Detail

4.4 Fleet Mix

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	0.3709	3.3715	2.8320	0.0202		0.2562	0.2562		0.2562	0.2562		4,045.7725	4,045.7725	0.0775	0.0742	4,070.3944
NaturalGas Unmitigated	0.3709	3.3715	2.8320	0.0202		0.2562	0.2562		0.2562	0.2562		4,045.7725	4,045.7725	0.0775	0.0742	4,070.3944

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					
Arena	22448.3	0.2421	2.2008	1.8487	0.0132		0.1673	0.1673		0.1673	0.1673		2,640.9786	2,640.9786	0.0506	0.0484	2,657.0511
Arena	4130.49	0.0445	0.4050	0.3402	2.4300e-003		0.0308	0.0308		0.0308	0.0308		485.9401	485.9401	9.3100e-003	8.9100e-003	488.8974
Arena	4489.66	0.0484	0.4402	0.3697	2.6400e-003		0.0335	0.0335		0.0335	0.0335		528.1957	528.1957	0.0101	9.6800e-003	531.4102

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
Government (Civic Center)	1207.69	0.0130	0.1184	0.0995	7.1000e-004		9.0000e-003	9.0000e-003		9.0000e-003	9.0000e-003		142.0812	142.0812	2.7200e-003	2.6000e-003	142.9459
Health Club	1082.22	0.0117	0.1061	0.0891	6.4000e-004		8.0600e-003	8.0600e-003		8.0600e-003	8.0600e-003		127.3199	127.3199	2.4400e-003	2.3300e-003	128.0948
Racquet Club	1030.68	0.0111	0.1011	0.0849	6.1000e-004		7.6800e-003	7.6800e-003		7.6800e-003	7.6800e-003		121.2571	121.2571	2.3200e-003	2.2200e-003	121.9950
Recreational Swimming Pool	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		0.3709	3.3715	2.8320	0.0202		0.2562	0.2562		0.2562	0.2562		4,045.7725	4,045.7725	0.0775	0.0742	4,070.3944

Mitigated

	Natural Gas 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					
Arena	4.13049	0.0445	0.4050	0.3402	2.4300e-003		0.0308	0.0308		0.0308	0.0308		485.9401	485.9401	9.3100e-003	8.9100e-003	488.8974
Arena	4.48966	0.0484	0.4402	0.3697	2.6400e-003		0.0335	0.0335		0.0335	0.0335		528.1957	528.1957	0.0101	9.6800e-003	531.4102
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
Government (Civic Center)	1.20769	0.0130	0.1184	0.0995	7.1000e-004		9.0000e-003	9.0000e-003		9.0000e-003	9.0000e-003		142.0812	142.0812	2.7200e-003	2.6000e-003	142.9459
Health Club	1.08222	0.0117	0.1061	0.0891	6.4000e-004		8.0600e-003	8.0600e-003		8.0600e-003	8.0600e-003		127.3199	127.3199	2.4400e-003	2.3300e-003	128.0948
Racquet Club	1.03068	0.0111	0.1011	0.0849	6.1000e-004		7.6800e-003	7.6800e-003		7.6800e-003	7.6800e-003		121.2571	121.2571	2.3200e-003	2.2200e-003	121.9950
Recreational Swimming Pool	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
Arena	22.4483	0.2421	2.2008	1.8487	0.0132		0.1673	0.1673		0.1673	0.1673		2,640.9786	2,640.9786	0.0506	0.0484	2,657.0511
Total		0.3709	3.3715	2.8320	0.0202		0.2562	0.2562		0.2562	0.2562		4,045.7725	4,045.7725	0.0775	0.0742	4,070.3944

6.0 Area Detail

6.1 Mitigation Measures Area

No Hearths Installed

	ROG	NOx	CO	SO2	Fugitive 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	36.3733	2.0000e-004	0.0225	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0484	0.0484	1.2000e-004		0.0510
Unmitigated	36.3733	2.0000e-004	0.0225	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0484	0.0484	1.2000e-004		0.0510

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	32.3013					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	4.0699					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.0500e-003	2.0000e-004	0.0225	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0484	0.0484	1.2000e-004		0.0510
Total	36.3732	2.0000e-004	0.0225	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0484	0.0484	1.2000e-004		0.0510

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	32.3013					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	4.0699					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.0500e-003	2.0000e-004	0.0225	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0484	0.0484	1.2000e-004		0.0510
Total	36.3732	2.0000e-004	0.0225	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0484	0.0484	1.2000e-004		0.0510

7.0 Water Detail

7.1 Mitigation Measures Water

Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

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

Earvin Magic Johnson Recreation Area Master Plan Project South Coast Air Basin, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government (Civic Center)	40.33	1000sqft	0.93	40,330.00	0
Arena	2.00	Acre	2.00	87,120.00	0
Arena	10.00	Acre	10.00	435,600.00	0
Arena	1.84	Acre	1.84	80,150.40	0
City Park	6.00	Acre	6.00	261,360.00	0
City Park	94.50	Acre	94.50	4,116,420.00	0
Health Club	21.00	1000sqft	0.48	21,000.00	0
Racquet Club	20.00	1000sqft	0.46	20,000.00	0
Recreational Swimming Pool	25.39	1000sqft	0.58	25,387.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	11			Operational Year	2030
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	1227.89	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 - Proposed Land Uses

Construction Phase - Proposed Phases of Construction

Off-road Equipment - Proposed Equipment

Off-road Equipment - Proposed Equipment

Off-road Equipment - Proposed Equipment

Off-road Equipment - Proposed Equipment

Off-road Equipment - Proposed Equipment

Off-road Equipment - Proposed Equipment

Off-road Equipment - Proposed Equipment

Off-road Equipment - Proposed Equipment

Off-road Equipment - Proposed Equipment

Off-road Equipment - Proposed Equipment

Off-road Equipment - Proposed Equipment

Off-road Equipment - Proposed Equipment

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Off-road Equipment - Proposed Equipment

Off-road Equipment - Proposed Equipment

Off-road Equipment - Proposed Equipment

Off-road Equipment - Proposed Equipment

Off-road Equipment - Proposed Equipment

Off-road Equipment - Proposed Equipment

Off-road Equipment - Proposed Equipment

Off-road Equipment - Proposed Equipment

Trips and VMT - Trip Hauling Length = 1.5 miles across project site

Demolition -

Grading - Proposed Cut and Fill, 180,000 CY

Vehicle Trips - Per Traffic Study

Consumer Products - Consumer Products Emission Factor was reduced from default and not applied to athletic fields, equestrian center, amphitheatre,

Construction Off-road Equipment Mitigation - Per SCAQMD Rule 403

Mobile Land Use Mitigation -

Mobile Commute Mitigation - .

Area Mitigation -

Water Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	26
tblConstructionPhase	NumDays	3,100.00	264.00
tblConstructionPhase	NumDays	3,100.00	264.00
tblConstructionPhase	NumDays	3,100.00	264.00
tblConstructionPhase	NumDays	3,100.00	264.00
tblConstructionPhase	NumDays	3,100.00	264.00
tblConstructionPhase	NumDays	3,100.00	264.00
tblConstructionPhase	NumDays	200.00	132.00
tblConstructionPhase	NumDays	200.00	132.00
tblConstructionPhase	NumDays	200.00	198.00
tblConstructionPhase	NumDays	200.00	198.00
tblConstructionPhase	NumDays	200.00	66.00
tblConstructionPhase	NumDays	200.00	132.00
tblConstructionPhase	NumDays	310.00	198.00
tblConstructionPhase	NumDays	310.00	132.00
tblConstructionPhase	NumDays	310.00	66.00
tblConstructionPhase	NumDays	310.00	198.00
tblConstructionPhase	NumDays	310.00	132.00
tblConstructionPhase	NumDays	310.00	66.00
tblConstructionPhase	NumDays	220.00	198.00
tblConstructionPhase	NumDays	220.00	132.00
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tblConstructionPhase	NumDays	220.00	132.00
tblConstructionPhase	NumDays	220.00	198.00
tblConstructionPhase	NumDays	220.00	132.00
tblConstructionPhase	PhaseEndDate	9/7/2027	2/4/2027
tblConstructionPhase	PhaseEndDate	2/5/2029	9/5/2029
tblConstructionPhase	PhaseEndDate	12/8/2031	1/5/2032

tblConstructionPhase	PhaseEndDate	1/5/2035	3/5/2035
tblConstructionPhase	PhaseEndDate	10/6/2023	11/3/2023
tblConstructionPhase	PhaseEndDate	8/9/2027	12/1/2026
tblConstructionPhase	PhaseEndDate	6/10/2030	10/3/2029
tblConstructionPhase	PhaseEndDate	10/7/2032	12/1/2032
tblConstructionPhase	PhaseEndDate	9/8/2021	12/1/2021
tblConstructionPhase	PhaseEndDate	5/7/2024	12/3/2024
tblConstructionPhase	PhaseEndDate	9/5/2025	10/3/2025
tblConstructionPhase	PhaseEndDate	6/3/2027	7/5/2027
tblConstructionPhase	PhaseEndDate	1/3/2030	12/31/2029
tblConstructionPhase	PhaseEndDate	9/5/2019	10/3/2019
tblConstructionPhase	PhaseEndDate	6/3/2033	7/5/2033
tblConstructionPhase	PhaseEndDate	3/3/2022	4/4/2022
tblConstructionPhase	PhaseEndDate	7/8/2026	9/2/2026
tblConstructionPhase	PhaseEndDate	1/5/2028	2/1/2028
tblConstructionPhase	PhaseEndDate	10/3/2030	12/3/2030
tblConstructionPhase	PhaseEndDate	1/5/2034	1/2/2034
tblConstructionPhase	PhaseEndDate	7/7/2020	6/3/2020
tblConstructionPhase	PhaseEndDate	10/5/2022	10/3/2022
tblConstructionPhase	PhaseStartDate	9/3/2026	2/1/2026
tblConstructionPhase	PhaseStartDate	2/2/2028	9/1/2028
tblConstructionPhase	PhaseStartDate	12/4/2030	1/1/2031
tblConstructionPhase	PhaseStartDate	1/3/2034	3/1/2034
tblConstructionPhase	PhaseStartDate	10/4/2022	11/1/2022
tblConstructionPhase	PhaseStartDate	2/5/2027	6/1/2026
tblConstructionPhase	PhaseStartDate	9/6/2029	1/1/2029
tblConstructionPhase	PhaseStartDate	1/6/2032	3/1/2032
tblConstructionPhase	PhaseStartDate	6/9/2021	9/1/2021
tblConstructionPhase	PhaseStartDate	11/4/2023	6/1/2024
tblConstructionPhase	PhaseStartDate	12/4/2024	1/1/2025
tblConstructionPhase	PhaseStartDate	12/2/2026	1/1/2027
tblConstructionPhase	PhaseStartDate	10/4/2029	10/1/2029

tblConstructionPhase	PhaseStartDate	12/4/2018	1/1/2019
tblConstructionPhase	PhaseStartDate	12/2/2032	1/1/2033
tblConstructionPhase	PhaseStartDate	12/2/2021	1/1/2022
tblConstructionPhase	PhaseStartDate	10/4/2025	12/1/2025
tblConstructionPhase	PhaseStartDate	7/6/2027	8/1/2027
tblConstructionPhase	PhaseStartDate	1/1/2030	3/1/2030
tblConstructionPhase	PhaseStartDate	7/6/2033	7/1/2033
tblConstructionPhase	PhaseStartDate	10/4/2019	9/1/2019
tblConstructionPhase	PhaseStartDate	4/5/2022	4/1/2022
tblConsumerProducts	ROG_EF	1.98E-05	8E-07
tblGrading	AcresOfGrading	594.00	30.00
tblGrading	AcresOfGrading	396.00	21.00
tblGrading	AcresOfGrading	198.00	7.00
tblGrading	AcresOfGrading	594.00	50.00
tblGrading	AcresOfGrading	396.00	3.00
tblGrading	AcresOfGrading	198.00	12.00
tblGrading	MaterialExported	0.00	90,000.00
tblGrading	MaterialExported	0.00	90,000.00
tblGrading	MaterialImported	0.00	90,000.00
tblGrading	MaterialImported	0.00	90,000.00
tblLandUse	LandUseSquareFeet	25,390.00	25,387.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Demolition 1
tblOffRoadEquipment	PhaseName		Demolition 1
tblProjectCharacteristics	OperationalYear	2014	2030

tblTripsAndVMT	HaulingTripLength	20.00	1.50
tblTripsAndVMT	HaulingTripLength	20.00	1.50
tblVehicleTrips	DV_TP	0.28	28.00
tblVehicleTrips	PB_TP	0.60	6.00
tblVehicleTrips	PR_TP	0.66	66.00
tblVehicleTrips	WD_TR	33.33	81.79
tblVehicleTrips	WD_TR	1.59	28.26
tblVehicleTrips	WD_TR	27.92	11.01
tblVehicleTrips	WD_TR	32.93	43.00
tblVehicleTrips	WD_TR	32.93	33.80
tblVehicleTrips	WD_TR	32.93	43.01

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	4.1524	42.0448	37.0681	0.0485	0.2286	2.1687	2.3973	0.0601	2.0166	2.0767	0.0000	4,781.9437	4,781.9437	1.2914	0.0000	4,809.0638
2019	9.2607	96.0648	81.2447	0.1250	7.0605	4.7033	11.7637	3.5326	4.3281	7.8607	0.0000	12,162.4921	12,162.4921	3.5672	0.0000	12,237.4035
2020	15.9108	97.8019	197.4386	0.5532	29.0567	3.0876	32.1443	7.8083	2.8645	10.6729	0.0000	45,458.0577	45,458.0577	3.1362	0.0000	45,523.9186
2021	15.0064	85.2250	189.0380	0.5537	29.0568	2.7355	31.7922	7.8084	2.5374	10.3457	0.0000	45,120.4643	45,120.4643	3.0888	0.0000	45,185.3297
2022	14.1802	75.5634	181.3409	0.5535	29.0568	3.2305	31.4991	7.8084	2.9732	10.0735	0.0000	44,754.8541	44,754.8541	3.5605	0.0000	44,829.6241
2023	13.3004	64.9840	173.5154	0.5526	29.0569	2.2654	31.3223	7.8084	2.1003	9.9086	0.0000	44,357.6775	44,357.6775	2.9965	0.0000	44,420.6044
2024	2.7030	24.2626	30.9498	0.0486	0.2286	1.1280	1.3566	0.0601	1.0466	1.1067	0.0000	4,606.0390	4,606.0390	1.2714	0.0000	4,632.7388
2025	4.0289	34.7725	46.6278	0.0828	6.6740	1.5329	8.2068	3.4469	1.4103	4.8572	0.0000	7,872.9946	7,872.9946	2.3533	0.0000	7,922.4145

2026	16.1828	95.3396	211.8781	0.6455	29.5654	3.6651	33.2305	7.9428	3.3928	11.3356	0.0000	52,321.40 93	52,321.409 3	5.3929	0.0000	52,434.66 06
2027	15.5345	91.9666	196.9546	0.6331	35.5614	3.4942	39.0556	11.2201	3.2271	14.4472	0.0000	51,035.44 30	51,035.443 0	5.2422	0.0000	51,145.52 83
2028	11.5485	57.9868	153.1736	0.5545	29.0579	1.9754	31.0333	7.8088	1.8298	9.6385	0.0000	43,379.86 97	43,379.869 7	2.8757	0.0000	43,440.25 97
2029	13.7623	78.6281	179.2957	0.6030	29.2850	2.9244	32.2094	7.8687	2.7102	10.5789	0.0000	47,830.24 80	47,830.248 0	4.1260	0.0000	47,916.89 32
2030	2.1541	10.4357	24.4547	0.0497	0.2794	0.4398	0.7193	0.0741	0.4397	0.5138	0.0000	4,712.089 9	4,712.0899	0.1972	0.0000	4,716.230 2
2031	11.1375	46.1184	145.2973	0.5624	29.0585	1.3010	30.3595	7.8090	1.2291	9.0380	0.0000	44,255.25 98	44,255.259 8	1.1032	0.0000	44,278.42 76
2032	10.9436	45.8786	143.4578	0.5623	29.0588	1.3019	30.3608	7.8091	1.2299	9.0390	0.0000	44,167.04 76	44,167.047 6	1.0894	0.0000	44,189.92 46
2033	6.1582	27.3464	59.9451	0.1372	6.6386	1.0786	7.7172	3.4699	1.0783	4.5482	0.0000	13,613.79 82	13,613.798 2	0.5588	0.0000	13,625.53 39
2034	10.6203	45.4729	140.4697	0.5623	29.0592	1.3031	30.3623	7.8093	1.2310	9.0402	0.0000	44,028.95 13	44,028.951 3	1.0658	0.0000	44,051.33 36
2035	10.2719	43.2555	139.2043	0.5623	29.0594	1.1731	30.2325	7.8093	1.1010	8.9103	0.0000	43,976.33 18	43,976.331 8	1.0358	0.0000	43,998.08 29
Total	186.8564	1,063.1477	2,331.354 3	7.3900	377.0425	39.5083	415.7627	107.9540	36.7456	143.9916	0.0000	598,434.9 714	598,434.97 14	43.9524	0.0000	599,357.9 721

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	4.1524	42.0448	37.0681	0.0485	0.2257	2.1687	2.3944	0.0597	2.0166	2.0762	0.0000	4,781.943 7	4,781.9437	1.2914	0.0000	4,809.063 8
2019	9.2607	96.0648	81.2447	0.1250	3.0363	4.7033	7.7395	1.4208	4.3281	5.7489	0.0000	12,162.49 21	12,162.492 1	3.5672	0.0000	12,237.40 35
2020	15.9108	97.8019	197.4386	0.5532	29.0567	3.0876	32.1443	7.8083	2.8645	10.6729	0.0000	45,458.05 76	45,458.057 6	3.1362	0.0000	45,523.91 86
2021	15.0064	85.2250	189.0380	0.5537	29.0568	2.7355	31.7922	7.8084	2.5374	10.3457	0.0000	45,120.46 43	45,120.464 3	3.0888	0.0000	45,185.32 97
2022	14.1802	75.5634	181.3409	0.5535	29.0568	3.2305	31.4991	7.8084	2.9732	10.0735	0.0000	44,754.85 41	44,754.854 1	3.5605	0.0000	44,829.62 41
2023	13.3004	64.9840	173.5154	0.5526	29.0569	2.2654	31.3223	7.8084	2.1003	9.9086	0.0000	44,357.67 75	44,357.677 5	2.9965	0.0000	44,420.60 44
2024	2.7030	24.2626	30.9498	0.0486	0.2257	1.1280	1.3537	0.0597	1.0466	1.1063	0.0000	4,606.039 0	4,606.0390	1.2714	0.0000	4,632.738 8

2025	4.0289	34.7725	46.6278	0.0828	2.7172	1.5329	4.2501	1.3424	1.4103	2.7527	0.0000	7,872.9946	7,872.9946	2.3533	0.0000	7,922.4145
2026	16.1828	95.3396	211.8781	0.6455	29.5625	3.6651	33.2276	7.9423	3.3928	11.3351	0.0000	52,321.4093	52,321.4093	5.3929	0.0000	52,434.6606
2027	15.5345	91.9666	196.9546	0.6331	31.6643	3.4942	35.1585	9.1248	3.2271	12.3519	0.0000	51,035.4430	51,035.4430	5.2422	0.0000	51,145.5283
2028	11.5485	57.9868	153.1736	0.5545	29.0579	1.9754	31.0333	7.8088	1.8298	9.6385	0.0000	43,379.8697	43,379.8697	2.8757	0.0000	43,440.2597
2029	13.7623	78.6281	179.2957	0.6030	29.2831	2.9244	32.2074	7.8684	2.7102	10.5786	0.0000	47,830.2480	47,830.2480	4.1260	0.0000	47,916.8932
2030	2.1541	10.4357	24.4547	0.0497	0.2794	0.4398	0.7193	0.0741	0.4397	0.5138	0.0000	4,712.0899	4,712.0899	0.1972	0.0000	4,716.2302
2031	11.1375	46.1184	145.2973	0.5624	29.0585	1.3010	30.3595	7.8090	1.2291	9.0380	0.0000	44,255.2598	44,255.2598	1.1032	0.0000	44,278.4276
2032	10.9436	45.8786	143.4578	0.5623	29.0588	1.3019	30.3608	7.8091	1.2299	9.0390	0.0000	44,167.0475	44,167.0475	1.0894	0.0000	44,189.9246
2033	6.1582	27.3464	59.9451	0.1372	2.8325	1.0786	3.9111	1.3845	1.0783	2.4628	0.0000	13,613.7982	13,613.7982	0.5588	0.0000	13,625.5339
2034	10.6203	45.4729	140.4697	0.5623	29.0592	1.3031	30.3623	7.8093	1.2310	9.0402	0.0000	44,028.9513	44,028.9513	1.0658	0.0000	44,051.3336
2035	10.2719	43.2555	139.2043	0.5623	29.0594	1.1731	30.2325	7.8093	1.1010	8.9103	0.0000	43,976.3318	43,976.3318	1.0358	0.0000	43,998.0829
Total	186.8564	1,063.1477	2,331.3543	7.3900	361.3476	39.5083	400.0677	99.5554	36.7456	135.5929	0.0000	598,434.9712	598,434.9712	43.9524	0.0000	599,357.9719

	ROG	NOx	CO	SO2	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	4.16	0.00	3.77	7.78	0.00	5.83	0.00	0.00	0.00	0.00	0.00	0.00

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	36.3733	2.0000e-004	0.0225	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0484	0.0484	1.2000e-004		0.0510
Energy	0.3709	3.3715	2.8320	0.0202		0.2562	0.2562		0.2562	0.2562		4,045.7725	4,045.7725	0.0775	0.0742	4,070.3944
Mobile	14.1110	29.1166	140.7954	0.5886	38.1347	0.7703	38.9050	10.1940	0.7109	10.9049		42,226.5830	42,226.5830	1.1592		42,250.9261

Total	50.8551	32.4883	143.6499	0.6088	38.1347	1.0266	39.1613	10.1940	0.9672	11.1612		46,272.40	46,272.403	1.2369	0.0742	46,321.37
												38	8			15

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	36.3733	2.0000e-004	0.0225	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0484	0.0484	1.2000e-004		0.0510
Energy	0.3709	3.3715	2.8320	0.0202		0.2562	0.2562		0.2562	0.2562		4,045.7725	4,045.7725	0.0775	0.0742	4,070.3944
Mobile	13.6670	26.5277	129.3321	0.5214	33.6348	0.6882	34.3230	8.9911	0.6352	9.6263		37,411.5763	37,411.5763	1.0334		37,433.2784
Total	50.4111	29.8994	132.1866	0.5416	33.6348	0.9446	34.5793	8.9911	0.8915	9.8826		41,457.3972	41,457.3972	1.1111	0.0742	41,503.7237

	ROG	NOx	CO	SO2	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	0.87	7.97	7.98	11.03	11.80	7.99	11.70	11.80	7.82	11.46	0.00	10.41	10.41	10.17	0.00	10.40

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition 1	Demolition	6/1/2018	12/3/2018	5	132	
2	Grading 1	Grading	1/1/2019	10/3/2019	5	198	
3	Paving 1	Paving	9/1/2019	6/3/2020	5	198	
4	Building Construction 1	Building Construction	6/4/2020	6/8/2021	5	264	
5	Demolition 2	Demolition	9/1/2021	12/1/2021	5	66	
6	Grading 2	Grading	1/1/2022	4/4/2022	5	66	
7	Paving 2	Paving	4/1/2022	10/3/2022	5	132	

8	Building Construction 2	Building Construction	11/1/2022	11/3/2023	5	264
9	Demolition 3	Demolition	6/1/2024	12/3/2024	5	132
10	Grading 3	Grading	1/1/2025	10/3/2025	5	198
11	Paving 3	Paving	12/1/2025	9/2/2026	5	198
12	Building Construction 3	Building Construction	2/1/2026	2/4/2027	5	264
13	Demolition 4	Demolition	6/1/2026	12/1/2026	5	132
14	Grading 4	Grading	1/1/2027	7/5/2027	5	132
15	Paving 4	Paving	8/1/2027	2/1/2028	5	132
16	Building Construction 4	Building Construction	9/1/2028	9/5/2029	5	264
17	Demolition 5	Demolition	1/1/2029	10/3/2029	5	198
18	Grading 5	Grading	10/1/2029	12/31/2029	5	66
19	Paving 5	Paving	3/1/2030	12/3/2030	5	198
20	Building Construction 5	Building Construction	1/1/2031	1/5/2032	5	264
21	Demolition 6	Demolition	3/1/2032	12/1/2032	5	198
22	Grading 6	Grading	1/1/2033	7/5/2033	5	132
23	Paving 6	Paving	7/1/2033	1/2/2034	5	132
24	Building Construction 6	Building Construction	3/1/2034	3/5/2035	5	264

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition 1	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition 1	Excavators	3	8.00	162	0.38
Demolition 1	Rollers	1	8.00	80	0.38
Demolition 1	Rubber Tired Dozers	2	8.00	255	0.40
Demolition 1	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading 1	Excavators	2	8.00	162	0.38

Grading 1	Graders	2	8.00	174	0.41
Grading 1	Paving Equipment	1	8.00	130	0.36
Grading 1	Rollers	1	8.00	80	0.38
Grading 1	Rubber Tired Dozers	1	8.00	255	0.40
Grading 1	Scrapers	2	8.00	361	0.48
Grading 1	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving 1	Graders	1	8.00	174	0.41
Paving 1	Pavers	2	8.00	125	0.42
Paving 1	Paving Equipment	2	8.00	130	0.36
Paving 1	Rollers	2	8.00	80	0.38
Paving 1	Signal Boards	1	8.00	6	0.82
Paving 1	Surfacing Equipment	1	8.00	253	0.30
Paving 1	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction 1	Bore/Drill Rigs	1	8.00	205	0.50
Building Construction 1	Cranes	1	7.00	226	0.29
Building Construction 1	Forklifts	3	8.00	89	0.20
Building Construction 1	Generator Sets	1	8.00	84	0.74
Building Construction 1	Off-Highway Trucks	2	8.00	400	0.38
Building Construction 1	Surfacing Equipment	1	8.00	253	0.30
Building Construction 1	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction 1	Trenchers	1	8.00	80	0.50
Building Construction 1	Welders	1	8.00	46	0.45
Demolition 2	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition 2	Excavators	3	8.00	162	0.38
Demolition 2	Rollers	1	8.00	80	0.38
Demolition 2	Rubber Tired Dozers	2	8.00	255	0.40
Demolition 2	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading 2	Excavators	2	8.00	162	0.38
Grading 2	Graders	2	8.00	174	0.41
Grading 2	Paving Equipment	1	8.00	130	0.36
Grading 2	Rollers	1	8.00	80	0.38
Grading 2	Rubber Tired Dozers	1	8.00	255	0.40

Grading 2	Scrapers	2	8.00	361	0.48
Grading 2	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving 2	Graders	1	8.00	174	0.41
Paving 2	Pavers	2	8.00	125	0.42
Paving 2	Paving Equipment	2	8.00	130	0.36
Paving 2	Rollers	2	8.00	80	0.38
Paving 2	Signal Boards	1	8.00	6	0.82
Paving 2	Surfacing Equipment	1	8.00	253	0.30
Paving 2	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction 2	Bore/Drill Rigs	1	8.00	205	0.50
Building Construction 2	Cranes	1	7.00	226	0.29
Building Construction 2	Forklifts	3	8.00	89	0.20
Building Construction 2	Generator Sets	1	8.00	84	0.74
Building Construction 2	Off-Highway Trucks	2	8.00	400	0.38
Building Construction 2	Surfacing Equipment	1	8.00	253	0.30
Building Construction 2	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction 2	Trenchers	1	8.00	80	0.50
Building Construction 2	Welders	1	8.00	46	0.45
Demolition 3	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition 3	Excavators	3	8.00	162	0.38
Demolition 3	Rollers	1	8.00	80	0.38
Demolition 3	Rubber Tired Dozers	2	8.00	255	0.40
Demolition 3	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading 3	Excavators	2	8.00	162	0.38
Grading 3	Graders	2	8.00	174	0.41
Grading 3	Paving Equipment	1	8.00	130	0.36
Grading 3	Rollers	1	8.00	80	0.38
Grading 3	Rubber Tired Dozers	1	8.00	255	0.40
Grading 3	Scrapers	2	8.00	361	0.48
Grading 3	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving 3	Graders	1	8.00	174	0.41
Paving 3	Pavers	2	8.00	125	0.42

Paving 3	Paving Equipment	2	8.00	130	0.36
Paving 3	Rollers	2	8.00	80	0.38
Paving 3	Signal Boards	1	8.00	6	0.82
Paving 3	Surfacing Equipment	1	8.00	253	0.30
Paving 3	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction 3	Bore/Drill Rigs	1	8.00	205	0.50
Building Construction 3	Cranes	1	7.00	226	0.29
Building Construction 3	Forklifts	3	8.00	89	0.20
Building Construction 3	Generator Sets	1	8.00	84	0.74
Building Construction 3	Off-Highway Trucks	2	8.00	400	0.38
Building Construction 3	Surfacing Equipment	1	8.00	253	0.30
Building Construction 3	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction 3	Trenchers	1	8.00	80	0.50
Building Construction 3	Welders	1	8.00	46	0.45
Demolition 4	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition 4	Excavators	3	8.00	162	0.38
Demolition 4	Rollers	1	8.00	80	0.38
Demolition 4	Rubber Tired Dozers	2	8.00	255	0.40
Demolition 4	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading 4	Excavators	2	8.00	162	0.38
Grading 4	Graders	2	8.00	174	0.41
Grading 4	Paving Equipment	1	8.00	130	0.36
Grading 4	Rollers	1	8.00	80	0.38
Grading 4	Rubber Tired Dozers	1	8.00	255	0.40
Grading 4	Scrapers	2	8.00	361	0.48
Grading 4	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving 4	Graders	1	8.00	174	0.41
Paving 4	Pavers	2	8.00	125	0.42
Paving 4	Paving Equipment	2	8.00	130	0.36
Paving 4	Rollers	2	8.00	80	0.38
Paving 4	Signal Boards	1	8.00	6	0.82
Paving 4	Surfacing Equipment	1	8.00	253	0.30

Paving 4	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction 4	Bore/Drill Rigs	1	8.00	205	0.50
Building Construction 4	Cranes	1	7.00	226	0.29
Building Construction 4	Forklifts	3	8.00	89	0.20
Building Construction 4	Generator Sets	1	8.00	84	0.74
Building Construction 4	Off-Highway Trucks	2	8.00	400	0.38
Building Construction 4	Surfacing Equipment	1	8.00	253	0.30
Building Construction 4	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction 4	Trenchers	1	8.00	80	0.50
Building Construction 4	Welders	1	8.00	46	0.45
Demolition 5	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition 5	Excavators	3	8.00	162	0.38
Demolition 5	Rollers	1	8.00	80	0.38
Demolition 5	Rubber Tired Dozers	2	8.00	255	0.40
Demolition 5	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading 5	Excavators	2	8.00	162	0.38
Grading 5	Graders	2	8.00	174	0.41
Grading 5	Paving Equipment	1	8.00	130	0.36
Grading 5	Rollers	1	8.00	80	0.38
Grading 5	Rubber Tired Dozers	1	8.00	255	0.40
Grading 5	Scrapers	2	8.00	361	0.48
Grading 5	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving 5	Graders	1	8.00	174	0.41
Paving 5	Pavers	2	8.00	125	0.42
Paving 5	Paving Equipment	2	8.00	130	0.36
Paving 5	Rollers	2	8.00	80	0.38
Paving 5	Signal Boards	1	8.00	6	0.82
Paving 5	Surfacing Equipment	1	8.00	253	0.30
Paving 5	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction 5	Bore/Drill Rigs	1	8.00	205	0.50
Building Construction 5	Cranes	1	7.00	226	0.29
Building Construction 5	Forklifts	3	8.00	89	0.20

Building Construction 5	Generator Sets	1	8.00	84	0.74
Building Construction 5	Off-Highway Trucks	2	8.00	400	0.38
Building Construction 5	Surfacing Equipment	1	8.00	253	0.30
Building Construction 5	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction 5	Trenchers	1	8.00	80	0.50
Building Construction 5	Welders	1	8.00	46	0.45
Demolition 6	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition 6	Excavators	3	8.00	162	0.38
Demolition 6	Rollers	1	8.00	80	0.38
Demolition 6	Rubber Tired Dozers	2	8.00	255	0.40
Demolition 6	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading 6	Excavators	2	8.00	162	0.38
Grading 6	Graders	2	8.00	174	0.41
Grading 6	Paving Equipment	1	8.00	130	0.36
Grading 6	Rollers	1	8.00	80	0.38
Grading 6	Rubber Tired Dozers	1	8.00	255	0.40
Grading 6	Scrapers	2	8.00	361	0.48
Grading 6	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving 6	Graders	1	8.00	174	0.41
Paving 6	Pavers	2	8.00	125	0.42
Paving 6	Paving Equipment	2	8.00	130	0.36
Paving 6	Rollers	2	8.00	80	0.38
Paving 6	Signal Boards	1	8.00	6	0.82
Paving 6	Surfacing Equipment	1	8.00	253	0.30
Paving 6	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction 6	Bore/Drill Rigs	1	8.00	205	0.50
Building Construction 6	Cranes	1	7.00	226	0.29
Building Construction 6	Forklifts	3	8.00	89	0.20
Building Construction 6	Generator Sets	1	8.00	84	0.74
Building Construction 6	Off-Highway Trucks	2	8.00	400	0.38
Building Construction 6	Surfacing Equipment	1	8.00	253	0.30
Building Construction 6	Tractors/Loaders/Backhoes	3	7.00	97	0.37

Building Construction 6	Trenchers	1	8.00	80	0.50
Building Construction 6	Welders	1	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
Demolition 1	8	20.00	0.00	3.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading 1	11	28.00	0.00	11,250.00	14.70	6.90	1.50	LD_Mix	HDT_Mix	HHDT
Paving 1	10	25.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction 1	14	2,133.00	834.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition 2	8	20.00	0.00	3.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading 2	11	28.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving 2	10	25.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction 2	14	2,133.00	834.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition 3	8	20.00	0.00	3.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading 3	11	28.00	0.00	11,250.00	14.70	6.90	1.50	LD_Mix	HDT_Mix	HHDT
Paving 3	10	25.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction 3	14	2,133.00	834.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition 4	8	20.00	0.00	3.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading 4	11	28.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving 4	10	25.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction 4	14	2,133.00	834.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition 5	8	20.00	0.00	3.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading 5	11	28.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving 5	10	25.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction 5	14	2,133.00	834.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition 6	8	20.00	0.00	3.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading 6	11	28.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving 6	10	25.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction 6	14	2,133.00	834.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

- Replace Ground Cover
- Water Exposed Area
- Water Unpaved Roads
- Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition 1 - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.6600e-003	0.0000	4.6600e-003	7.1000e-004	0.0000	7.1000e-004			0.0000			0.0000
Off-Road	4.0846	41.9541	35.9972	0.0457		2.1668	2.1668		2.0149	2.0149		4,560.0105	4,560.0105	1.2810		4,586.9110
Total	4.0846	41.9541	35.9972	0.0457	4.6600e-003	2.1668	2.1715	7.1000e-004	2.0149	2.0156		4,560.0105	4,560.0105	1.2810		4,586.9110

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	3.6000e-004	5.3600e-003	4.1400e-003	2.0000e-005	4.0000e-004	9.0000e-005	4.9000e-004	1.1000e-004	8.0000e-005	1.9000e-004		1.6357	1.6357	1.0000e-005		1.6360
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	0.0675	0.0853	1.0668	2.8300e-003	0.2236	1.7500e-003	0.2253	0.0593	1.6200e-003	0.0609		220.2975	220.2975	0.0105		220.5169
Total	0.0678	0.0907	1.0709	2.8500e-003	0.2240	1.8400e-003	0.2258	0.0594	1.7000e-003	0.0611		221.9332	221.9332	0.0105		222.1529

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					1.7300e-003	0.0000	1.7300e-003	2.6000e-004	0.0000	2.6000e-004			0.0000			0.0000
Off-Road	4.0846	41.9541	35.9972	0.0457		2.1668	2.1668		2.0149	2.0149	0.0000	4,560.0105	4,560.0105	1.2810		4,586.9110
Total	4.0846	41.9541	35.9972	0.0457	1.7300e-003	2.1668	2.1686	2.6000e-004	2.0149	2.0151	0.0000	4,560.0105	4,560.0105	1.2810		4,586.9110

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	3.6000e-004	5.3600e-003	4.1400e-003	2.0000e-005	4.0000e-004	9.0000e-005	4.9000e-004	1.1000e-004	8.0000e-005	1.9000e-004		1.6357	1.6357	1.0000e-005		1.6360
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	0.0675	0.0853	1.0668	2.8300e-003	0.2236	1.7500e-003	0.2253	0.0593	1.6200e-003	0.0609		220.2975	220.2975	0.0105		220.5169
Total	0.0678	0.0907	1.0709	2.8500e-003	0.2240	1.8400e-003	0.2258	0.0594	1.7000e-003	0.0611		221.9332	221.9332	0.0105		222.1529

3.3 Grading 1 - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Fugitive Dust					6.3927	0.0000	6.3927	3.3547	0.0000	3.3547			0.0000			0.0000
Off-Road	6.0935	66.2274	49.2812	0.0746		3.1859	3.1859		2.9310	2.9310		7,383.5277	7,383.5277	2.3361		7,432.5851
Total	6.0935	66.2274	49.2812	0.0746	6.3927	3.1859	9.5786	3.3547	2.9310	6.2857		7,383.5277	7,383.5277	2.3361		7,432.5851

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	0.3258	1.8890	6.1711	4.1500e-003	0.0754	0.0188	0.0942	0.0207	0.0173	0.0381		391.0683	391.0683	5.1200e-003		391.1759
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	0.0870	0.1096	1.3726	3.9500e-003	0.3130	2.4100e-003	0.3154	0.0830	2.2300e-003	0.0852		296.7234	296.7234	0.0137		297.0109
Total	0.4128	1.9985	7.5436	8.1000e-003	0.3883	0.0213	0.4096	0.1037	0.0196	0.1233		687.7917	687.7917	0.0188		688.1868

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					2.3685	0.0000	2.3685	1.2429	0.0000	1.2429			0.0000			0.0000
Off-Road	6.0935	66.2274	49.2812	0.0746		3.1859	3.1859		2.9310	2.9310	0.0000	7,383.5276	7,383.5276	2.3361		7,432.5851
Total	6.0935	66.2274	49.2812	0.0746	2.3685	3.1859	5.5544	1.2429	2.9310	4.1740	0.0000	7,383.5276	7,383.5276	2.3361		7,432.5851

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	0.3258	1.8890	6.1711	4.1500e-003	0.0754	0.0188	0.0942	0.0207	0.0173	0.0381		391.0683	391.0683	5.1200e-003		391.1759
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	0.0870	0.1096	1.3726	3.9500e-003	0.3130	2.4100e-003	0.3154	0.0830	2.2300e-003	0.0852		296.7234	296.7234	0.0137		297.0109
Total	0.4128	1.9985	7.5436	8.1000e-003	0.3883	0.0213	0.4096	0.1037	0.0196	0.1233		687.7917	687.7917	0.0188		688.1868

3.4 Paving 1 - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6768	27.7411	23.1944	0.0388		1.4940	1.4940		1.3756	1.3756		3,826.2412	3,826.2412	1.2001		3,851.4433
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.6768	27.7411	23.1944	0.0388		1.4940	1.4940		1.3756	1.3756		3,826.2412	3,826.2412	1.2001		3,851.4433

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0776	0.0978	1.2255	3.5300e-003	0.2794	2.1500e-003	0.2816	0.0741	1.9900e-003	0.0761		264.9316	264.9316	0.0122		265.1883
Total	0.0776	0.0978	1.2255	3.5300e-003	0.2794	2.1500e-003	0.2816	0.0741	1.9900e-003	0.0761		264.9316	264.9316	0.0122		265.1883

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	2.6768	27.7411	23.1944	0.0388		1.4940	1.4940		1.3756	1.3756	0.0000	3,826.2412	3,826.2412	1.2001		3,851.4433
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.6768	27.7411	23.1944	0.0388		1.4940	1.4940		1.3756	1.3756	0.0000	3,826.2412	3,826.2412	1.2001		3,851.4433

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0776	0.0978	1.2255	3.5300e-003	0.2794	2.1500e-003	0.2816	0.0741	1.9900e-003	0.0761		264.9316	264.9316	0.0122		265.1883
Total	0.0776	0.0978	1.2255	3.5300e-003	0.2794	2.1500e-003	0.2816	0.0741	1.9900e-003	0.0761		264.9316	264.9316	0.0122		265.1883

3.4 Paving 1 - 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	2.5048	25.6674	23.1209	0.0388		1.3638	1.3638		1.2558	1.2558		3,743.6703	3,743.6703	1.2000		3,768.8692
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.5048	25.6674	23.1209	0.0388		1.3638	1.3638		1.2558	1.2558		3,743.6703	3,743.6703	1.2000		3,768.8692

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0728	0.0907	1.1424	3.5300e-003	0.2794	2.1400e-003	0.2816	0.0741	1.9800e-003	0.0761		254.2094	254.2094	0.0116		254.4526
Total	0.0728	0.0907	1.1424	3.5300e-003	0.2794	2.1400e-003	0.2816	0.0741	1.9800e-003	0.0761		254.2094	254.2094	0.0116		254.4526

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
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Category	lb/day										lb/day					
Off-Road	2.5048	25.6674	23.1209	0.0388		1.3638	1.3638		1.2558	1.2558	0.0000	3,743.6703	3,743.6703	1.2000		3,768.8692
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.5048	25.6674	23.1209	0.0388		1.3638	1.3638		1.2558	1.2558	0.0000	3,743.6703	3,743.6703	1.2000		3,768.8692

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0728	0.0907	1.1424	3.5300e-003	0.2794	2.1400e-003	0.2816	0.0741	1.9800e-003	0.0761		254.2094	254.2094	0.0116		254.4526
Total	0.0728	0.0907	1.1424	3.5300e-003	0.2794	2.1400e-003	0.2816	0.0741	1.9800e-003	0.0761		254.2094	254.2094	0.0116		254.4526

3.5 Building Construction 1 - 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	4.3136	41.2875	30.6566	0.0718		2.0464	2.0464		1.9054	1.9054		6,897.4819	6,897.4819	2.0279		6,940.0684
Total	4.3136	41.2875	30.6566	0.0718		2.0464	2.0464		1.9054	1.9054		6,897.4819	6,897.4819	2.0279		6,940.0684

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	5.3879	48.7769	69.3155	0.1802	5.2148	0.8589	6.0737	1.4854	0.7902	2.2755		16,871.4284	16,871.4284	0.1205		16,873.9584
Worker	6.2093	7.7375	97.4665	0.3012	23.8419	0.1822	24.0241	6.3230	0.1690	6.4920		21,689.1474	21,689.1474	0.9878		21,709.8918
Total	11.5972	56.5144	166.7820	0.4814	29.0567	1.0411	30.0978	7.8083	0.9592	8.7675		38,560.5758	38,560.5758	1.1083		38,583.8502

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	4.3136	41.2875	30.6566	0.0718		2.0464	2.0464		1.9054	1.9054	0.0000	6,897.4819	6,897.4819	2.0279		6,940.0684
Total	4.3136	41.2875	30.6566	0.0718		2.0464	2.0464		1.9054	1.9054	0.0000	6,897.4819	6,897.4819	2.0279		6,940.0684

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
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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	0.0000	0.0000
Vendor	5.3879	48.7769	69.3155	0.1802	5.2148	0.8589	6.0737	1.4854	0.7902	2.2755	16,871.4284	16,871.4284	0.1205		16,873.9584	
Worker	6.2093	7.7375	97.4665	0.3012	23.8419	0.1822	24.0241	6.3230	0.1690	6.4920	21,689.1474	21,689.1474	0.9878		21,709.8918	
Total	11.5972	56.5144	166.7820	0.4814	29.0567	1.0411	30.0978	7.8083	0.9592	8.7675	38,560.5758	38,560.5758	1.1083		38,583.8502	

3.5 Building Construction 1 - 2021
Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.9191	36.5671	29.9169	0.0718		1.7707	1.7707		1.6484	1.6484		6,899.9465	6,899.9465	2.0218		6,942.4041
Total	3.9191	36.5671	29.9169	0.0718		1.7707	1.7707		1.6484	1.6484		6,899.9465	6,899.9465	2.0218		6,942.4041

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	5.2099	41.4205	67.4243	0.1801	5.2148	0.7824	5.9972	1.4854	0.7198	2.2051	16,864.2739	16,864.2739	0.1214		16,866.8230	
Worker	5.8774	7.2374	91.6968	0.3018	23.8419	0.1825	24.0244	6.3230	0.1692	6.4922	21,356.2439	21,356.2439	0.9457		21,376.1026	

Total	11.0872	48.6579	159.1212	0.4819	29.0568	0.9648	30.0216	7.8084	0.8890	8.6974		38,220.5178	38,220.5178	1.0671		38,242.9257
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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	3.9191	36.5671	29.9169	0.0718		1.7707	1.7707		1.6484	1.6484	0.0000	6,899.9465	6,899.9465	2.0218		6,942.4041
Total	3.9191	36.5671	29.9169	0.0718		1.7707	1.7707		1.6484	1.6484	0.0000	6,899.9465	6,899.9465	2.0218		6,942.4041

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	5.2099	41.4205	67.4243	0.1801	5.2148	0.7824	5.9972	1.4854	0.7198	2.2051		16,864.2739	16,864.2739	0.1214		16,866.8230
Worker	5.8774	7.2374	91.6968	0.3018	23.8419	0.1825	24.0244	6.3230	0.1692	6.4922		21,356.2439	21,356.2439	0.9457		21,376.1026
Total	11.0872	48.6579	159.1212	0.4819	29.0568	0.9648	30.0216	7.8084	0.8890	8.6974		38,220.5178	38,220.5178	1.0671		38,242.9257

3.6 Demolition 2 - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Fugitive Dust					9.3200e-003	0.0000	9.3200e-003	1.4100e-003	0.0000	1.4100e-003			0.0000				0.0000
Off-Road	3.2376	31.7629	32.4182	0.0457		1.5587	1.5587		1.4479	1.4479			4,409.5865	4,409.5865	1.2689		4,436.2331
Total	3.2376	31.7629	32.4182	0.0457	9.3200e-003	1.5587	1.5681	1.4100e-003	1.4479	1.4493			4,409.5865	4,409.5865	1.2689		4,436.2331

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	6.9000e-004	7.8300e-003	7.9300e-003	3.0000e-005	7.9000e-004	1.8000e-004	9.7000e-004	2.2000e-004	1.6000e-004	3.8000e-004			3.1343	3.1343	2.0000e-005		3.1348
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	0.0551	0.0679	0.8598	2.8300e-003	0.2236	1.7100e-003	0.2253	0.0593	1.5900e-003	0.0609			200.2461	200.2461	8.8700e-003		200.4323
Total	0.0558	0.0757	0.8677	2.8600e-003	0.2243	1.8900e-003	0.2262	0.0595	1.7500e-003	0.0613			203.3804	203.3804	8.8900e-003		203.5671

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Fugitive Dust					3.4500e-003	0.0000	3.4500e-003	5.2000e-004	0.0000	5.2000e-004			0.0000				0.0000
Off-Road	3.2376	31.7629	32.4182	0.0457		1.5587	1.5587		1.4479	1.4479	0.0000		4,409.5865	4,409.5865	1.2689		4,436.2331

Total	3.2376	31.7629	32.4182	0.0457	3.4500e-003	1.5587	1.5622	5.2000e-004	1.4479	1.4484	0.0000	4,409.5865	4,409.5865	1.2689		4,436.2331
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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	6.9000e-004	7.8300e-003	7.9300e-003	3.0000e-005	7.9000e-004	1.8000e-004	9.7000e-004	2.2000e-004	1.6000e-004	3.8000e-004		3.1343	3.1343	2.0000e-005		3.1348
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	0.0551	0.0679	0.8598	2.8300e-003	0.2236	1.7100e-003	0.2253	0.0593	1.5900e-003	0.0609		200.2461	200.2461	8.8700e-003		200.4323
Total	0.0558	0.0757	0.8677	2.8600e-003	0.2243	1.8900e-003	0.2262	0.0595	1.7500e-003	0.0613		203.3804	203.3804	8.8900e-003		203.5671

3.7 Grading 2 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2149	0.0000	6.2149	3.3311	0.0000	3.3311			0.0000			0.0000
Off-Road	4.6602	47.0560	43.8582	0.0747		2.1988	2.1988		2.0229	2.0229		7,229.4861	7,229.4861	2.3382		7,278.5875
Total	4.6602	47.0560	43.8582	0.0747	6.2149	2.1988	8.4137	3.3311	2.0229	5.3539		7,229.4861	7,229.4861	2.3382		7,278.5875

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0731	0.0891	1.1336	3.9600e-003	0.3130	2.3900e-003	0.3154	0.0830	2.2200e-003	0.0852		275.7227	275.7227	0.0119		275.9724
Total	0.0731	0.0891	1.1336	3.9600e-003	0.3130	2.3900e-003	0.3154	0.0830	2.2200e-003	0.0852		275.7227	275.7227	0.0119		275.9724

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					2.3026	0.0000	2.3026	1.2342	0.0000	1.2342			0.0000			0.0000
Off-Road	4.6602	47.0560	43.8582	0.0747		2.1988	2.1988		2.0229	2.0229	0.0000	7,229.4861	7,229.4861	2.3382		7,278.5875
Total	4.6602	47.0560	43.8582	0.0747	2.3026	2.1988	4.5014	1.2342	2.0229	3.2570	0.0000	7,229.4861	7,229.4861	2.3382		7,278.5875

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	0.0731	0.0891	1.1336	3.9600e-003	0.3130	2.3900e-003	0.3154	0.0830	2.2200e-003	0.0852		275.7227	275.7227	0.0119		275.9724
Total	0.0731	0.0891	1.1336	3.9600e-003	0.3130	2.3900e-003	0.3154	0.0830	2.2200e-003	0.0852		275.7227	275.7227	0.0119		275.9724

3.8 Paving 2 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0347	20.2205	22.7687	0.0389		1.0271	1.0271		0.9461	0.9461		3,743.2489	3,743.2489	1.1998		3,768.4450
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.0347	20.2205	22.7687	0.0389		1.0271	1.0271		0.9461	0.9461		3,743.2489	3,743.2489	1.1998		3,768.4450

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0652	0.0796	1.0121	3.5400e-003	0.2794	2.1400e-003	0.2816	0.0741	1.9800e-003	0.0761		246.1810	246.1810	0.0106		246.4039
Total	0.0652	0.0796	1.0121	3.5400e-003	0.2794	2.1400e-003	0.2816	0.0741	1.9800e-003	0.0761		246.1810	246.1810	0.0106		246.4039

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	2.0347	20.2205	22.7687	0.0389		1.0271	1.0271		0.9461	0.9461	0.0000	3,743.2489	3,743.2489	1.1998		3,768.4450
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.0347	20.2205	22.7687	0.0389		1.0271	1.0271		0.9461	0.9461	0.0000	3,743.2489	3,743.2489	1.1998		3,768.4450

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0652	0.0796	1.0121	3.5400e-003	0.2794	2.1400e-003	0.2816	0.0741	1.9800e-003	0.0761		246.1810	246.1810	0.0106		246.4039
Total	0.0652	0.0796	1.0121	3.5400e-003	0.2794	2.1400e-003	0.2816	0.0741	1.9800e-003	0.0761		246.1810	246.1810	0.0106		246.4039

3.9 Building Construction 2 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.5089	31.1772	29.1240	0.0719		1.4862	1.4862		1.3841	1.3841		6,901.6140	6,901.6140	2.0179		6,943.9909

Total	3.5089	31.1772	29.1240	0.0719		1.4862	1.4862		1.3841	1.3841		6,901.6140	6,901.6140	2.0179		6,943.9909
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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	5.1051	37.5955	65.8650	0.1799	5.2149	0.7738	5.9887	1.4854	0.7119	2.1973		16,849.0760	16,849.0760	0.1240		16,851.6805
Worker	5.5662	6.7907	86.3519	0.3018	23.8419	0.1823	24.0242	6.3230	0.1691	6.4921		21,004.1641	21,004.1641	0.9055		21,023.1801
Total	10.6713	44.3862	152.2169	0.4817	29.0568	0.9561	30.0129	7.8084	0.8810	8.6894		37,853.2401	37,853.2401	1.0296		37,874.8606

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	3.5089	31.1772	29.1240	0.0719		1.4862	1.4862		1.3841	1.3841	0.0000	6,901.6140	6,901.6140	2.0179		6,943.9909
Total	3.5089	31.1772	29.1240	0.0719		1.4862	1.4862		1.3841	1.3841	0.0000	6,901.6140	6,901.6140	2.0179		6,943.9909

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	5.1051	37.5955	65.8650	0.1799	5.2149	0.7738	5.9887	1.4854	0.7119	2.1973		16,849.0760	16,849.0760	0.1240		16,851.6805
Worker	5.5662	6.7907	86.3519	0.3018	23.8419	0.1823	24.0242	6.3230	0.1691	6.4921		21,004.1641	21,004.1641	0.9055		21,023.1801
Total	10.6713	44.3862	152.2169	0.4817	29.0568	0.9561	30.0129	7.8084	0.8810	8.6894		37,853.2401	37,853.2401	1.0296		37,874.8606

3.9 Building Construction 2 - 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	lb/day										lb/day					
Off-Road	3.3000	28.5962	28.8550	0.0719		1.3192	1.3192		1.2283	1.2283		6,906.0528	6,906.0528	2.0150		6,948.3677
Total	3.3000	28.5962	28.8550	0.0719		1.3192	1.3192		1.2283	1.2283		6,906.0528	6,906.0528	2.0150		6,948.3677

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	4.7274	29.9940	63.1870	0.1790	5.2150	0.7640	5.9789	1.4854	0.7029	2.1883		16,768.3758	16,768.3758	0.1115		16,770.7172
Worker	5.2730	6.3939	81.4735	0.3017	23.8419	0.1822	24.0241	6.3230	0.1690	6.4920		20,683.2489	20,683.2489	0.8700		20,701.5195
Total	10.0004	36.3879	144.6605	0.4807	29.0569	0.9462	30.0031	7.8084	0.8719	8.6803		37,451.6247	37,451.6247	0.9815		37,472.2367

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	3.3000	28.5962	28.8550	0.0719		1.3192	1.3192		1.2283	1.2283	0.0000	6,906.0528	6,906.0528	2.0150		6,948.3677
Total	3.3000	28.5962	28.8550	0.0719		1.3192	1.3192		1.2283	1.2283	0.0000	6,906.0528	6,906.0528	2.0150		6,948.3677

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	4.7274	29.9940	63.1870	0.1790	5.2150	0.7640	5.9789	1.4854	0.7029	2.1883		16,768.3758	16,768.3758	0.1115		16,770.7172
Worker	5.2730	6.3939	81.4735	0.3017	23.8419	0.1822	24.0241	6.3230	0.1690	6.4920		20,683.2489	20,683.2489	0.8700		20,701.5195
Total	10.0004	36.3879	144.6605	0.4807	29.0569	0.9462	30.0031	7.8084	0.8719	8.6803		37,451.6247	37,451.6247	0.9815		37,472.2367

3.10 Demolition 3 - 2024

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					4.6600e-003	0.0000	4.6600e-003	7.1000e-004	0.0000	7.1000e-004			0.0000			0.0000
Off-Road	2.6556	24.2033	30.2186	0.0457		1.1262	1.1262		1.0449	1.0449		4,412.2000	4,412.2000	1.2635		4,438.7329
Total	2.6556	24.2033	30.2186	0.0457	4.6600e-003	1.1262	1.1308	7.1000e-004	1.0449	1.0456		4,412.2000	4,412.2000	1.2635		4,438.7329

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	3.1000e-004	2.5500e-003	3.6900e-003	2.0000e-005	4.0000e-004	9.0000e-005	4.8000e-004	1.1000e-004	8.0000e-005	1.9000e-004		1.5589	1.5589	1.0000e-005		1.5591
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	0.0471	0.0568	0.7276	2.8400e-003	0.2236	1.7300e-003	0.2253	0.0593	1.6000e-003	0.0609		192.2801	192.2801	7.9400e-003		192.4468
Total	0.0474	0.0593	0.7313	2.8600e-003	0.2240	1.8200e-003	0.2258	0.0594	1.6800e-003	0.0611		193.8390	193.8390	7.9500e-003		194.0059

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					1.7300e-003	0.0000	1.7300e-003	2.6000e-004	0.0000	2.6000e-004			0.0000			0.0000

Off-Road	2.6556	24.2033	30.2186	0.0457		1.1262	1.1262		1.0449	1.0449	0.0000	4,412.2000	4,412.2000	1.2635		4,438.7329
Total	2.6556	24.2033	30.2186	0.0457	1.7300e-003	1.1262	1.1279	2.6000e-004	1.0449	1.0452	0.0000	4,412.2000	4,412.2000	1.2635		4,438.7329

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	3.1000e-004	2.5500e-003	3.6900e-003	2.0000e-005	4.0000e-004	9.0000e-005	4.8000e-004	1.1000e-004	8.0000e-005	1.9000e-004		1.5589	1.5589	1.0000e-005		1.5591
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	0.0471	0.0568	0.7276	2.8400e-003	0.2236	1.7300e-003	0.2253	0.0593	1.6000e-003	0.0609		192.2801	192.2801	7.9400e-003		192.4468
Total	0.0474	0.0593	0.7313	2.8600e-003	0.2240	1.8200e-003	0.2258	0.0594	1.6800e-003	0.0611		193.8390	193.8390	7.9500e-003		194.0059

3.11 Grading 3 - 2025

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					6.2856	0.0000	6.2856	3.3432	0.0000	3.3432			0.0000			0.0000
Off-Road	3.6974	33.4394	40.0063	0.0747		1.5123	1.5123		1.3913	1.3913		7,226.8273	7,226.8273	2.3373		7,275.9106
Total	3.6974	33.4394	40.0063	0.0747	6.2856	1.5123	7.7978	3.3432	1.3913	4.7344		7,226.8273	7,226.8273	2.3373		7,275.9106

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	0.2686	1.2575	5.6490	4.1200e-003	0.0754	0.0182	0.0936	0.0208	0.0167	0.0375		380.3615	380.3615	5.2600e-003		380.4719
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	0.0629	0.0756	0.9726	3.9800e-003	0.3130	2.4200e-003	0.3154	0.0830	2.2500e-003	0.0853		265.8059	265.8059	0.0108		266.0319
Total	0.3315	1.3331	6.6216	8.1000e-003	0.3884	0.0206	0.4090	0.1038	0.0190	0.1227		646.1673	646.1673	0.0160		646.5039

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					2.3288	0.0000	2.3288	1.2386	0.0000	1.2386			0.0000			0.0000
Off-Road	3.6974	33.4394	40.0063	0.0747		1.5123	1.5123		1.3913	1.3913	0.0000	7,226.8273	7,226.8273	2.3373		7,275.9106
Total	3.6974	33.4394	40.0063	0.0747	2.3288	1.5123	3.8411	1.2386	1.3913	2.6299	0.0000	7,226.8273	7,226.8273	2.3373		7,275.9106

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	0.2686	1.2575	5.6490	4.1200e-003	0.0754	0.0182	0.0936	0.0208	0.0167	0.0375		380.3615	380.3615	5.2600e-003		380.4719

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	0.0629	0.0756	0.9726	3.9800e-003	0.3130	2.4200e-003	0.3154	0.0830	2.2500e-003	0.0853		265.8059	265.8059	0.0108		266.0319
Total	0.3315	1.3331	6.6216	8.1000e-003	0.3884	0.0206	0.4090	0.1038	0.0190	0.1227		646.1673	646.1673	0.0160		646.5039

3.12 Paving 3 - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6717	15.3824	22.6732	0.0389		0.7386	0.7386		0.6807	0.6807		3,742.7783	3,742.7783	1.1997		3,767.9712
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.6717	15.3824	22.6732	0.0389		0.7386	0.7386		0.6807	0.6807		3,742.7783	3,742.7783	1.1997		3,767.9712

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0561	0.0675	0.8684	3.5500e-003	0.2794	2.1600e-003	0.2816	0.0741	2.0100e-003	0.0761		237.3267	237.3267	9.6100e-003		237.5285
Total	0.0561	0.0675	0.8684	3.5500e-003	0.2794	2.1600e-003	0.2816	0.0741	2.0100e-003	0.0761		237.3267	237.3267	9.6100e-003		237.5285

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6717	15.3824	22.6732	0.0389		0.7386	0.7386		0.6807	0.6807	0.0000	3,742.7783	3,742.7783	1.1997		3,767.9712
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.6717	15.3824	22.6732	0.0389		0.7386	0.7386		0.6807	0.6807	0.0000	3,742.7783	3,742.7783	1.1997		3,767.9712

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0561	0.0675	0.8684	3.5500e-003	0.2794	2.1600e-003	0.2816	0.0741	2.0100e-003	0.0761		237.3267	237.3267	9.6100e-003		237.5285
Total	0.0561	0.0675	0.8684	3.5500e-003	0.2794	2.1600e-003	0.2816	0.0741	2.0100e-003	0.0761		237.3267	237.3267	9.6100e-003		237.5285

3.12 Paving 3 - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6717	15.3824	22.6732	0.0389		0.7386	0.7386		0.6807	0.6807		3,742.7783	3,742.7783	1.1997		3,767.9712

Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000	
Total	1.6717	15.3824	22.6732	0.0389		0.7386	0.7386		0.6807	0.6807			3,742.7783	3,742.7783	1.1997		3,767.9712

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0537	0.0646	0.8328	3.5500e-003	0.2794	2.1800e-003	0.2816	0.0741	2.0200e-003	0.0761		234.6952	234.6952	9.3400e-003			234.8913
Total	0.0537	0.0646	0.8328	3.5500e-003	0.2794	2.1800e-003	0.2816	0.0741	2.0200e-003	0.0761		234.6952	234.6952	9.3400e-003			234.8913

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.6717	15.3824	22.6732	0.0389		0.7386	0.7386		0.6807	0.6807	0.0000	3,742.7783	3,742.7783	1.1997			3,767.9712
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Total	1.6717	15.3824	22.6732	0.0389		0.7386	0.7386		0.6807	0.6807	0.0000	3,742.7783	3,742.7783	1.1997			3,767.9712

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0537	0.0646	0.8328	3.5500e-003	0.2794	2.1800e-003	0.2816	0.0741	2.0200e-003	0.0761		234.6952	234.6952	9.3400e-003		234.8913
Total	0.0537	0.0646	0.8328	3.5500e-003	0.2794	2.1800e-003	0.2816	0.0741	2.0200e-003	0.0761		234.6952	234.6952	9.3400e-003		234.8913

3.13 Building Construction 3 - 2026

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	2.9993	24.6385	28.4787	0.0719		1.0550	1.0550		0.9815	0.9815		6,908.6322	6,908.6322	2.0085		6,950.8112
Total	2.9993	24.6385	28.4787	0.0719		1.0550	1.0550		0.9815	0.9815		6,908.6322	6,908.6322	2.0085		6,950.8112

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	4.4356	28.7640	59.7772	0.1794	5.2155	0.7360	5.9515	1.4856	0.6771	2.1627		16,810.2497	16,810.2497	0.1101		16,812.5609
Worker	4.5813	5.5074	71.0534	0.3032	23.8419	0.1858	24.0277	6.3230	0.1724	6.4954		20,024.1972	20,024.1972	0.7967		20,040.9277
Total	9.0168	34.2714	130.8306	0.4826	29.0574	0.9218	29.9792	7.8086	0.8495	8.6581		36,834.4469	36,834.4469	0.9068		36,853.4886

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	2.9993	24.6385	28.4787	0.0719		1.0550	1.0550		0.9815	0.9815	0.0000	6,908.6322	6,908.6322	2.0085		6,950.8112
Total	2.9993	24.6385	28.4787	0.0719		1.0550	1.0550		0.9815	0.9815	0.0000	6,908.6322	6,908.6322	2.0085		6,950.8112

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	4.4356	28.7640	59.7772	0.1794	5.2155	0.7360	5.9515	1.4856	0.6771	2.1627		16,810.2497	16,810.2497	0.1101		16,812.5609
Worker	4.5813	5.5074	71.0534	0.3032	23.8419	0.1858	24.0277	6.3230	0.1724	6.4954		20,024.1972	20,024.1972	0.7967		20,040.9277
Total	9.0168	34.2714	130.8306	0.4826	29.0574	0.9218	29.9792	7.8086	0.8495	8.6581		36,834.4469	36,834.4469	0.9068		36,853.4886

3.13 Building Construction 3 - 2027

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	2.9993	24.6385	28.4787	0.0719		1.0550	1.0550		0.9815	0.9815		6,908.6322	6,908.6322	2.0085		6,950.8112
Total	2.9993	24.6385	28.4787	0.0719		1.0550	1.0550		0.9815	0.9815		6,908.6322	6,908.6322	2.0085		6,950.8112

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	4.3932	28.5394	59.2105	0.1794	5.2157	0.7379	5.9536	1.4857	0.6789	2.1645		16,811.1291	16,811.1291	0.1103		16,813.4452
Worker	4.3871	5.2799	68.3618	0.3032	23.8419	0.1866	24.0285	6.3230	0.1732	6.4961		19,828.5639	19,828.5639	0.7759		19,844.8569
Total	8.7802	33.8193	127.5723	0.4826	29.0577	0.9245	29.9822	7.8087	0.8520	8.6607		36,639.6929	36,639.6929	0.8862		36,658.3020

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	2.9993	24.6385	28.4787	0.0719		1.0550	1.0550		0.9815	0.9815	0.0000	6,908.6322	6,908.6322	2.0085		6,950.8112

Total	2.9993	24.6385	28.4787	0.0719		1.0550	1.0550		0.9815	0.9815	0.0000	6,908.6322	6,908.6322	2.0085		6,950.8112
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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	4.3932	28.5394	59.2105	0.1794	5.2157	0.7379	5.9536	1.4857	0.6789	2.1645		16,811.1291	16,811.1291	0.1103		16,813.4452
Worker	4.3871	5.2799	68.3618	0.3032	23.8419	0.1866	24.0285	6.3230	0.1732	6.4961		19,828.5639	19,828.5639	0.7759		19,844.8569
Total	8.7802	33.8193	127.5723	0.4826	29.0577	0.9245	29.9822	7.8087	0.8520	8.6607		36,639.6929	36,639.6929	0.8862		36,658.3020

3.14 Demolition 4 - 2026

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					4.6600e-003	0.0000	4.6600e-003	7.1000e-004	0.0000	7.1000e-004			0.0000			0.0000
Off-Road	2.3981	20.9287	28.3931	0.0457		0.9457	0.9457		0.8774	0.8774		4,411.5421	4,411.5421	1.2612		4,438.0267
Total	2.3981	20.9287	28.3931	0.0457	4.6600e-003	0.9457	0.9503	7.1000e-004	0.8774	0.8781		4,411.5421	4,411.5421	1.2612		4,438.0267

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	2.9000e-004	2.4300e-003	3.5800e-003	2.0000e-005	4.0000e-004	8.0000e-005	4.8000e-004	1.1000e-004	8.0000e-005	1.8000e-004		1.5583	1.5583	1.0000e-005		1.5586
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	0.0430	0.0516	0.6662	2.8400e-003	0.2236	1.7400e-003	0.2253	0.0593	1.6200e-003	0.0609		187.7562	187.7562	7.4700e-003		187.9131
Total	0.0433	0.0541	0.6698	2.8600e-003	0.2240	1.8200e-003	0.2258	0.0594	1.7000e-003	0.0611		189.3145	189.3145	7.4800e-003		189.4716

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					1.7300e-003	0.0000	1.7300e-003	2.6000e-004	0.0000	2.6000e-004			0.0000			0.0000
Off-Road	2.3981	20.9287	28.3931	0.0457		0.9457	0.9457		0.8774	0.8774	0.0000	4,411.5420	4,411.5420	1.2612		4,438.0267
Total	2.3981	20.9287	28.3931	0.0457	1.7300e-003	0.9457	0.9474	2.6000e-004	0.8774	0.8777	0.0000	4,411.5420	4,411.5420	1.2612		4,438.0267

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	2.9000e-004	2.4300e-003	3.5800e-003	2.0000e-005	4.0000e-004	8.0000e-005	4.8000e-004	1.1000e-004	8.0000e-005	1.8000e-004		1.5583	1.5583	1.0000e-005		1.5586

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	0.0430	0.0516	0.6662	2.8400e-003	0.2236	1.7400e-003	0.2253	0.0593	1.6200e-003	0.0609		187.7562	187.7562	7.4700e-003		187.9131
Total	0.0433	0.0541	0.6698	2.8600e-003	0.2240	1.8200e-003	0.2258	0.0594	1.7000e-003	0.0611		189.3145	189.3145	7.4800e-003		189.4716

3.15 Grading 4 - 2027

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					6.1908	0.0000	6.1908	3.3284	0.0000	3.3284			0.0000				0.0000
Off-Road	3.6974	33.4394	40.0063	0.0747		1.5123	1.5123		1.3913	1.3913		7,226.8273	7,226.8273	2.3373			7,275.9106
Total	3.6974	33.4394	40.0063	0.0747	6.1908	1.5123	7.7031	3.3284	1.3913	4.7197		7,226.8273	7,226.8273	2.3373			7,275.9106

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0576	0.0693	0.8974	3.9800e-003	0.3130	2.4500e-003	0.3154	0.0830	2.2700e-003	0.0853		260.2906	260.2906	0.0102			260.5045
Total	0.0576	0.0693	0.8974	3.9800e-003	0.3130	2.4500e-003	0.3154	0.0830	2.2700e-003	0.0853		260.2906	260.2906	0.0102			260.5045

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					2.2937	0.0000	2.2937	1.2332	0.0000	1.2332			0.0000				0.0000
Off-Road	3.6974	33.4394	40.0063	0.0747		1.5123	1.5123		1.3913	1.3913	0.0000	7,226.8273	7,226.8273	2.3373			7,275.9106
Total	3.6974	33.4394	40.0063	0.0747	2.2937	1.5123	3.8060	1.2332	1.3913	2.6245	0.0000	7,226.8273	7,226.8273	2.3373			7,275.9106

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0576	0.0693	0.8974	3.9800e-003	0.3130	2.4500e-003	0.3154	0.0830	2.2700e-003	0.0853		260.2906	260.2906	0.0102			260.5045
Total	0.0576	0.0693	0.8974	3.9800e-003	0.3130	2.4500e-003	0.3154	0.0830	2.2700e-003	0.0853		260.2906	260.2906	0.0102			260.5045

3.16 Paving 4 - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.6717	15.3824	22.6732	0.0389		0.7386	0.7386		0.6807	0.6807		3,742.7783	3,742.7783	1.1997			3,767.9712

Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.6717	15.3824	22.6732	0.0389		0.7386	0.7386		0.6807	0.6807		3,742.7783	3,742.7783	1.1997		3,767.9712

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0514	0.0619	0.8012	3.5500e-003	0.2794	2.1900e-003	0.2816	0.0741	2.0300e-003	0.0761		232.4023	232.4023	9.0900e-003		232.5933
Total	0.0514	0.0619	0.8012	3.5500e-003	0.2794	2.1900e-003	0.2816	0.0741	2.0300e-003	0.0761		232.4023	232.4023	9.0900e-003		232.5933

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6717	15.3824	22.6732	0.0389		0.7386	0.7386		0.6807	0.6807	0.0000	3,742.7783	3,742.7783	1.1997		3,767.9712
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.6717	15.3824	22.6732	0.0389		0.7386	0.7386		0.6807	0.6807	0.0000	3,742.7783	3,742.7783	1.1997		3,767.9712

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0514	0.0619	0.8012	3.5500e-003	0.2794	2.1900e-003	0.2816	0.0741	2.0300e-003	0.0761		232.4023	232.4023	9.0900e-003		232.5933
Total	0.0514	0.0619	0.8012	3.5500e-003	0.2794	2.1900e-003	0.2816	0.0741	2.0300e-003	0.0761		232.4023	232.4023	9.0900e-003		232.5933

3.16 Paving 4 - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6717	15.3824	22.6732	0.0389		0.7386	0.7386		0.6807	0.6807		3,742.7783	3,742.7783	1.1997		3,767.9712
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.6717	15.3824	22.6732	0.0389		0.7386	0.7386		0.6807	0.6807		3,742.7783	3,742.7783	1.1997		3,767.9712

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0493	0.0595	0.7738	3.5500e-003	0.2794	2.2000e-003	0.2816	0.0741	2.0400e-003	0.0762		230.4301	230.4301	8.8800e-003		230.6165
Total	0.0493	0.0595	0.7738	3.5500e-003	0.2794	2.2000e-003	0.2816	0.0741	2.0400e-003	0.0762		230.4301	230.4301	8.8800e-003		230.6165

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6717	15.3824	22.6732	0.0389		0.7386	0.7386		0.6807	0.6807	0.0000	3,742.7783	3,742.7783	1.1997		3,767.9712
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.6717	15.3824	22.6732	0.0389		0.7386	0.7386		0.6807	0.6807	0.0000	3,742.7783	3,742.7783	1.1997		3,767.9712

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0493	0.0595	0.7738	3.5500e-003	0.2794	2.2000e-003	0.2816	0.0741	2.0400e-003	0.0762		230.4301	230.4301	8.8800e-003		230.6165
Total	0.0493	0.0595	0.7738	3.5500e-003	0.2794	2.2000e-003	0.2816	0.0741	2.0400e-003	0.0762		230.4301	230.4301	8.8800e-003		230.6165

3.17 Building Construction 4 - 2028

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	2.9993	24.6385	28.4787	0.0719		1.0550	1.0550		0.9815	0.9815		6,908.6322	6,908.6322	2.0085		6,950.8112
Total	2.9993	24.6385	28.4787	0.0719		1.0550	1.0550		0.9815	0.9815		6,908.6322	6,908.6322	2.0085		6,950.8112

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	4.3394	28.2724	58.6733	0.1794	5.2160	0.7331	5.9491	1.4858	0.6745	2.1602		16,810.9429	16,810.9429	0.1098		16,813.2483
Worker	4.2099	5.0759	66.0216	0.3032	23.8419	0.1874	24.0293	6.3230	0.1739	6.4968		19,660.2945	19,660.2945	0.7574		19,676.2001
Total	8.5492	33.3483	124.6949	0.4825	29.0579	0.9205	29.9784	7.8088	0.8483	8.6570		36,471.2375	36,471.2375	0.8672		36,489.4484

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	2.9993	24.6385	28.4787	0.0719		1.0550	1.0550		0.9815	0.9815	0.0000	6,908.6322	6,908.6322	2.0085		6,950.8112

Total	2.9993	24.6385	28.4787	0.0719		1.0550	1.0550		0.9815	0.9815	0.0000	6,908.632	6,908.6322	2.0085		6,950.811
												2				2

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	4.3394	28.2724	58.6733	0.1794	5.2160	0.7331	5.9491	1.4858	0.6745	2.1602		16,810.9429	16,810.9429	0.1098		16,813.2483
Worker	4.2099	5.0759	66.0216	0.3032	23.8419	0.1874	24.0293	6.3230	0.1739	6.4968		19,660.2945	19,660.2945	0.7574		19,676.2001
Total	8.5492	33.3483	124.6949	0.4825	29.0579	0.9205	29.9784	7.8088	0.8483	8.6570		36,471.2375	36,471.2375	0.8672		36,489.4484

3.17 Building Construction 4 - 2029

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	2.9993	24.6385	28.4787	0.0719		1.0550	1.0550		0.9815	0.9815		6,908.6322	6,908.6322	2.0085		6,950.8112
Total	2.9993	24.6385	28.4787	0.0719		1.0550	1.0550		0.9815	0.9815		6,908.6322	6,908.6322	2.0085		6,950.8112

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	4.2956	28.1382	58.1060	0.1794	5.2162	0.7342	5.9503	1.4858	0.6754	2.1613		16,811.2166	16,811.2166	0.1099		16,813.5248
Worker	4.0314	4.8755	63.7181	0.3031	23.8419	0.1878	24.0297	6.3230	0.1742	6.4972		19,514.8380	19,514.8380	0.7394		19,530.3657
Total	8.3269	33.0136	121.8241	0.4825	29.0581	0.9219	29.9800	7.8088	0.8496	8.6585		36,326.0546	36,326.0546	0.8493		36,343.8905

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	2.9993	24.6385	28.4787	0.0719		1.0550	1.0550		0.9815	0.9815	0.0000	6,908.6322	6,908.6322	2.0085		6,950.8112
Total	2.9993	24.6385	28.4787	0.0719		1.0550	1.0550		0.9815	0.9815	0.0000	6,908.6322	6,908.6322	2.0085		6,950.8112

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	4.2956	28.1382	58.1060	0.1794	5.2162	0.7342	5.9503	1.4858	0.6754	2.1613		16,811.2166	16,811.2166	0.1099		16,813.5248
Worker	4.0314	4.8755	63.7181	0.3031	23.8419	0.1878	24.0297	6.3230	0.1742	6.4972		19,514.8380	19,514.8380	0.7394		19,530.3657
Total	8.3269	33.0136	121.8241	0.4825	29.0581	0.9219	29.9800	7.8088	0.8496	8.6585		36,326.0546	36,326.0546	0.8493		36,343.8905

3.18 Demolition 5 - 2029

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					3.1100e-003	0.0000	3.1100e-003	4.7000e-004	0.0000	4.7000e-004			0.0000				0.0000
Off-Road	2.3981	20.9287	28.3931	0.0457		0.9457	0.9457		0.8774	0.8774		4,411.5421	4,411.5421	1.2612			4,438.0267
Total	2.3981	20.9287	28.3931	0.0457	3.1100e-003	0.9457	0.9488	4.7000e-004	0.8774	0.8779		4,411.5421	4,411.5421	1.2612			4,438.0267

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	1.9000e-004	1.5900e-003	2.3500e-003	1.0000e-005	2.6000e-004	5.0000e-005	3.2000e-004	7.0000e-005	5.0000e-005	1.2000e-004		1.0389	1.0389	1.0000e-005		1.0390
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	0.0378	0.0457	0.5975	2.8400e-003	0.2236	1.7600e-003	0.2253	0.0593	1.6300e-003	0.0609		182.9802	182.9802	6.9300e-003		183.1258
Total	0.0380	0.0473	0.5998	2.8500e-003	0.2238	1.8100e-003	0.2256	0.0594	1.6800e-003	0.0610		184.0191	184.0191	6.9400e-003		184.1648

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					1.1500e-003	0.0000	1.1500e-003	1.7000e-004	0.0000	1.7000e-004			0.0000			0.0000
Off-Road	2.3981	20.9287	28.3931	0.0457		0.9457	0.9457		0.8774	0.8774	0.0000	4,411.5420	4,411.5420	1.2612		4,438.0267
Total	2.3981	20.9287	28.3931	0.0457	1.1500e-003	0.9457	0.9468	1.7000e-004	0.8774	0.8776	0.0000	4,411.5420	4,411.5420	1.2612		4,438.0267

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	1.9000e-004	1.5900e-003	2.3500e-003	1.0000e-005	2.6000e-004	5.0000e-005	3.2000e-004	7.0000e-005	5.0000e-005	1.2000e-004		1.0389	1.0389	1.0000e-005		1.0390
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	0.0378	0.0457	0.5975	2.8400e-003	0.2236	1.7600e-003	0.2253	0.0593	1.6300e-003	0.0609		182.9802	182.9802	6.9300e-003		183.1258
Total	0.0380	0.0473	0.5998	2.8500e-003	0.2238	1.8100e-003	0.2256	0.0594	1.6800e-003	0.0610		184.0191	184.0191	6.9400e-003		184.1648

3.19 Grading 5 - 2029

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					6.1346	0.0000	6.1346	3.3224	0.0000	3.3224			0.0000			0.0000

Off-Road	3.6974	33.4394	40.0063	0.0747		1.5123	1.5123		1.3913	1.3913		7,226.8273	7,226.8273	2.3373		7,275.9106
Total	3.6974	33.4394	40.0063	0.0747	6.1346	1.5123	7.6468	3.3224	1.3913	4.7137		7,226.8273	7,226.8273	2.3373		7,275.9106

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0529	0.0640	0.8364	3.9800e-003	0.3130	2.4600e-003	0.3154	0.0830	2.2900e-003	0.0853		256.1723	256.1723	9.7100e-003		256.3761
Total	0.0529	0.0640	0.8364	3.9800e-003	0.3130	2.4600e-003	0.3154	0.0830	2.2900e-003	0.0853		256.1723	256.1723	9.7100e-003		256.3761

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					2.2729	0.0000	2.2729	1.2309	0.0000	1.2309			0.0000			0.0000
Off-Road	3.6974	33.4394	40.0063	0.0747		1.5123	1.5123		1.3913	1.3913	0.0000	7,226.8273	7,226.8273	2.3373		7,275.9106
Total	3.6974	33.4394	40.0063	0.0747	2.2729	1.5123	3.7851	1.2309	1.3913	2.6222	0.0000	7,226.8273	7,226.8273	2.3373		7,275.9106

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0529	0.0640	0.8364	3.9800e-003	0.3130	2.4600e-003	0.3154	0.0830	2.2900e-003	0.0853		256.1723	256.1723	9.7100e-003		256.3761
Total	0.0529	0.0640	0.8364	3.9800e-003	0.3130	2.4600e-003	0.3154	0.0830	2.2900e-003	0.0853		256.1723	256.1723	9.7100e-003		256.3761

3.20 Paving 5 - 2030

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	2.1089	10.3808	23.7319	0.0462		0.4376	0.4376		0.4376	0.4376		4,484.8278	4,484.8278	0.1887		4,488.7903
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.1089	10.3808	23.7319	0.0462		0.4376	0.4376		0.4376	0.4376		4,484.8278	4,484.8278	0.1887		4,488.7903

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0453	0.0549	0.7229	3.5500e-003	0.2794	2.2000e-003	0.2816	0.0741	2.0400e-003	0.0762		227.2621	227.2621	8.4700e-003		227.4399
Total	0.0453	0.0549	0.7229	3.5500e-003	0.2794	2.2000e-003	0.2816	0.0741	2.0400e-003	0.0762		227.2621	227.2621	8.4700e-003		227.4399

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	2.1089	10.3808	23.7319	0.0462		0.4376	0.4376		0.4376	0.4376	0.0000	4,484.8278	4,484.8278	0.1887		4,488.7903
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.1089	10.3808	23.7319	0.0462		0.4376	0.4376		0.4376	0.4376	0.0000	4,484.8278	4,484.8278	0.1887		4,488.7903

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0453	0.0549	0.7229	3.5500e-003	0.2794	2.2000e-003	0.2816	0.0741	2.0400e-003	0.0762		227.2621	227.2621	8.4700e-003		227.4399
Total	0.0453	0.0549	0.7229	3.5500e-003	0.2794	2.2000e-003	0.2816	0.0741	2.0400e-003	0.0762		227.2621	227.2621	8.4700e-003		227.4399

3.21 Building Construction 5 - 2031

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	3.2066	13.6621	27.9437	0.0794		0.3834	0.3834		0.3834	0.3834		8,120.8863	8,120.8863	0.2830		8,126.8299
Total	3.2066	13.6621	27.9437	0.0794		0.3834	0.3834		0.3834	0.3834		8,120.8863	8,120.8863	0.2830		8,126.8299

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	4.2334	27.9479	57.3848	0.1795	5.2166	0.7294	5.9460	1.4860	0.6710	2.1570		16,827.2412	16,827.2412	0.1108		16,829.5683
Worker	3.6975	4.5083	59.9688	0.3034	23.8419	0.1882	24.0301	6.3230	0.1746	6.4976		19,307.1324	19,307.1324	0.7094		19,322.0294
Total	7.9309	32.4563	117.3536	0.4830	29.0585	0.9176	29.9761	7.8090	0.8456	8.6546		36,134.3736	36,134.3736	0.8202		36,151.5977

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	3.2066	13.6621	27.9437	0.0794		0.3834	0.3834		0.3834	0.3834	0.0000	8,120.8863	8,120.8863	0.2830		8,126.8299

Total	3.2066	13.6621	27.9437	0.0794		0.3834	0.3834		0.3834	0.3834	0.0000	8,120.8863	8,120.8863	0.2830		8,126.8299
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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	4.2334	27.9479	57.3848	0.1795	5.2166	0.7294	5.9460	1.4860	0.6710	2.1570		16,827.2412	16,827.2412	0.1108		16,829.5683
Worker	3.6975	4.5083	59.9688	0.3034	23.8419	0.1882	24.0301	6.3230	0.1746	6.4976		19,307.1324	19,307.1324	0.7094		19,322.0294
Total	7.9309	32.4563	117.3536	0.4830	29.0585	0.9176	29.9761	7.8090	0.8456	8.6546		36,134.3736	36,134.3736	0.8202		36,151.5977

3.21 Building Construction 5 - 2032

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	3.2066	13.6621	27.9437	0.0794		0.3834	0.3834		0.3834	0.3834		8,120.8863	8,120.8863	0.2830		8,126.8299
Total	3.2066	13.6621	27.9437	0.0794		0.3834	0.3834		0.3834	0.3834		8,120.8863	8,120.8863	0.2830		8,126.8299

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	4.2082	27.8659	57.1863	0.1795	5.2169	0.7307	5.9476	1.4861	0.6722	2.1584		16,828.6602	16,828.6602	0.1110		16,830.9905
Worker	3.5287	4.3507	58.3278	0.3034	23.8419	0.1878	24.0297	6.3230	0.1743	6.4973		19,217.5011	19,217.5011	0.6954		19,232.1043
Total	7.7370	32.2165	115.5141	0.4829	29.0588	0.9185	29.9773	7.8091	0.8465	8.6556		36,046.1613	36,046.1613	0.8064		36,063.0947

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	3.2066	13.6621	27.9437	0.0794		0.3834	0.3834		0.3834	0.3834	0.0000	8,120.8863	8,120.8863	0.2830		8,126.8299
Total	3.2066	13.6621	27.9437	0.0794		0.3834	0.3834		0.3834	0.3834	0.0000	8,120.8863	8,120.8863	0.2830		8,126.8299

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	4.2082	27.8659	57.1863	0.1795	5.2169	0.7307	5.9476	1.4861	0.6722	2.1584		16,828.6602	16,828.6602	0.1110		16,830.9905
Worker	3.5287	4.3507	58.3278	0.3034	23.8419	0.1878	24.0297	6.3230	0.1743	6.4973		19,217.5011	19,217.5011	0.6954		19,232.1043
Total	7.7370	32.2165	115.5141	0.4829	29.0588	0.9185	29.9773	7.8091	0.8465	8.6556		36,046.1613	36,046.1613	0.8064		36,063.9947

3.22 Demolition 6 - 2032

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					3.1100e-003	0.0000	3.1100e-003	4.7000e-004	0.0000	4.7000e-004			0.0000			0.0000
Off-Road	2.4153	11.4874	23.9170	0.0508		0.3971	0.3971		0.3971	0.3971		5,152.8647	5,152.8647	0.2157		5,157.3946
Total	2.4153	11.4874	23.9170	0.0508	3.1100e-003	0.3971	0.4002	4.7000e-004	0.3971	0.3976		5,152.8647	5,152.8647	0.2157		5,157.3946

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	1.9000e-004	1.5800e-003	2.3500e-003	1.0000e-005	2.6000e-004	5.0000e-005	3.2000e-004	7.0000e-005	5.0000e-005	1.2000e-004		1.0401	1.0401	1.0000e-005		1.0402
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	0.0331	0.0408	0.5469	2.8400e-003	0.2236	1.7600e-003	0.2253	0.0593	1.6300e-003	0.0609		180.1922	180.1922	6.5200e-003		180.3292
Total	0.0333	0.0424	0.5493	2.8500e-003	0.2238	1.8100e-003	0.2256	0.0594	1.6800e-003	0.0610		181.2323	181.2323	6.5300e-003		181.3694

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					1.1500e-003	0.0000	1.1500e-003	1.7000e-004	0.0000	1.7000e-004			0.0000			0.0000
Off-Road	2.4153	11.4874	23.9170	0.0508		0.3971	0.3971		0.3971	0.3971	0.0000	5,152.8647	5,152.8647	0.2157		5,157.3946
Total	2.4153	11.4874	23.9170	0.0508	1.1500e-003	0.3971	0.3983	1.7000e-004	0.3971	0.3973	0.0000	5,152.8647	5,152.8647	0.2157		5,157.3946

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	1.9000e-004	1.5800e-003	2.3500e-003	1.0000e-005	2.6000e-004	5.0000e-005	3.2000e-004	7.0000e-005	5.0000e-005	1.2000e-004		1.0401	1.0401	1.0000e-005		1.0402
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	0.0331	0.0408	0.5469	2.8400e-003	0.2236	1.7600e-003	0.2253	0.0593	1.6300e-003	0.0609		180.1922	180.1922	6.5200e-003		180.3292
Total	0.0333	0.0424	0.5493	2.8500e-003	0.2238	1.8100e-003	0.2256	0.0594	1.6800e-003	0.0610		181.2323	181.2323	6.5300e-003		181.3694

3.23 Grading 6 - 2033

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					6.0462	0.0000	6.0462	3.3128	0.0000	3.3128			0.0000			0.0000

Off-Road	3.9653	16.8608	34.7978	0.0835		0.6363	0.6363		0.6363	0.6363		8,653.3272	8,653.3272	0.3532		8,660.7439
Total	3.9653	16.8608	34.7978	0.0835	6.0462	0.6363	6.6825	3.3128	0.6363	3.9492		8,653.3272	8,653.3272	0.3532		8,660.7439

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0444	0.0554	0.7478	3.9800e-003	0.3130	2.4600e-003	0.3154	0.0830	2.2800e-003	0.0853		251.2832	251.2832	8.9700e-003		251.4715
Total	0.0444	0.0554	0.7478	3.9800e-003	0.3130	2.4600e-003	0.3154	0.0830	2.2800e-003	0.0853		251.2832	251.2832	8.9700e-003		251.4715

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					2.2401	0.0000	2.2401	1.2274	0.0000	1.2274			0.0000			0.0000
Off-Road	3.9653	16.8608	34.7978	0.0835		0.6363	0.6363		0.6363	0.6363	0.0000	8,653.3272	8,653.3272	0.3532		8,660.7439
Total	3.9653	16.8608	34.7978	0.0835	2.2401	0.6363	2.8765	1.2274	0.6363	1.8637	0.0000	8,653.3272	8,653.3272	0.3532		8,660.7439

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0444	0.0554	0.7478	3.9800e-003	0.3130	2.4600e-003	0.3154	0.0830	2.2800e-003	0.0853		251.2832	251.2832	8.9700e-003		251.4715
Total	0.0444	0.0554	0.7478	3.9800e-003	0.3130	2.4600e-003	0.3154	0.0830	2.2800e-003	0.0853		251.2832	251.2832	8.9700e-003		251.4715

3.24 Paving 6 - 2033

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	2.1089	10.3808	23.7319	0.0462		0.4376	0.4376		0.4376	0.4376		4,484.8278	4,484.8278	0.1887		4,488.7903
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.1089	10.3808	23.7319	0.0462		0.4376	0.4376		0.4376	0.4376		4,484.8278	4,484.8278	0.1887		4,488.7903

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0396	0.0494	0.6677	3.5600e-003	0.2794	2.2000e-003	0.2816	0.0741	2.0400e-003	0.0762		224.3600	224.3600	8.0100e-003		224.5282
Total	0.0396	0.0494	0.6677	3.5600e-003	0.2794	2.2000e-003	0.2816	0.0741	2.0400e-003	0.0762		224.3600	224.3600	8.0100e-003		224.5282

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	2.1089	10.3808	23.7319	0.0462		0.4376	0.4376		0.4376	0.4376	0.0000	4,484.8278	4,484.8278	0.1887		4,488.7903
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.1089	10.3808	23.7319	0.0462		0.4376	0.4376		0.4376	0.4376	0.0000	4,484.8278	4,484.8278	0.1887		4,488.7903

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0396	0.0494	0.6677	3.5600e-003	0.2794	2.2000e-003	0.2816	0.0741	2.0400e-003	0.0762		224.3600	224.3600	8.0100e-003		224.5282
Total	0.0396	0.0494	0.6677	3.5600e-003	0.2794	2.2000e-003	0.2816	0.0741	2.0400e-003	0.0762		224.3600	224.3600	8.0100e-003		224.5282

3.24 Paving 6 - 2034

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	2.1089	10.3808	23.7319	0.0462		0.4376	0.4376		0.4376	0.4376		4,484.8278	4,484.8278	0.1887		4,488.7903
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.1089	10.3808	23.7319	0.0462		0.4376	0.4376		0.4376	0.4376		4,484.8278	4,484.8278	0.1887		4,488.7903

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0381	0.0481	0.6520	3.5600e-003	0.2794	2.1900e-003	0.2816	0.0741	2.0300e-003	0.0761		223.6063	223.6063	7.8700e-003		223.7716
Total	0.0381	0.0481	0.6520	3.5600e-003	0.2794	2.1900e-003	0.2816	0.0741	2.0300e-003	0.0761		223.6063	223.6063	7.8700e-003		223.7716

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	2.1089	10.3808	23.7319	0.0462		0.4376	0.4376		0.4376	0.4376	0.0000	4,484.8278	4,484.8278	0.1887		4,488.7903

Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.1089	10.3808	23.7319	0.0462		0.4376	0.4376		0.4376	0.4376	0.0000	4,484.8278	4,484.8278	0.1887		4,488.7903

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0381	0.0481	0.6520	3.5600e-003	0.2794	2.1900e-003	0.2816	0.0741	2.0300e-003	0.0761		223.6063	223.6063	7.8700e-003		223.7716
Total	0.0381	0.0481	0.6520	3.5600e-003	0.2794	2.1900e-003	0.2816	0.0741	2.0300e-003	0.0761		223.6063	223.6063	7.8700e-003		223.7716

3.25 Building Construction 6 - 2034

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	3.2066	13.6621	27.9437	0.0794		0.3834	0.3834		0.3834	0.3834		8,120.8863	8,120.8863	0.2830		8,126.8299
Total	3.2066	13.6621	27.9437	0.0794		0.3834	0.3834		0.3834	0.3834		8,120.8863	8,120.8863	0.2830		8,126.8299

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	4.1657	27.7053	56.8936	0.1795	5.2173	0.7329	5.9502	1.4863	0.6743	2.1605		16,829.9746	16,829.9746	0.1112		16,832.3101
Worker	3.2480	4.1055	55.6323	0.3034	23.8419	0.1868	24.0287	6.3230	0.1733	6.4963		19,078.0905	19,078.0905	0.6716		19,092.1936
Total	7.4137	31.8108	112.5260	0.4829	29.0592	0.9197	29.9789	7.8093	0.8476	8.6568		35,908.0651	35,908.0651	0.7828		35,924.5037

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	3.2066	13.6621	27.9437	0.0794		0.3834	0.3834		0.3834	0.3834	0.0000	8,120.8863	8,120.8863	0.2830		8,126.8299
Total	3.2066	13.6621	27.9437	0.0794		0.3834	0.3834		0.3834	0.3834	0.0000	8,120.8863	8,120.8863	0.2830		8,126.8299

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	4.1657	27.7053	56.8936	0.1795	5.2173	0.7329	5.9502	1.4863	0.6743	2.1605		16,829.9746	16,829.9746	0.1112		16,832.3101
Worker	3.2480	4.1055	55.6323	0.3034	23.8419	0.1868	24.0287	6.3230	0.1733	6.4963		19,078.0905	19,078.0905	0.6716		19,092.1936
Total	7.4137	31.8108	112.5260	0.4829	29.0592	0.9197	29.9789	7.8093	0.8476	8.6568		35,908.0651	35,908.0651	0.7828		35,924.5037

3.25 Building Construction 6 - 2035

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	2.9876	11.5846	27.8701	0.0794		0.2529	0.2529		0.2529	0.2529		8,120.8870	8,120.8870	0.2625		8,126.3990
Total	2.9876	11.5846	27.8701	0.0794		0.2529	0.2529		0.2529	0.2529		8,120.8870	8,120.8870	0.2625		8,126.3990

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	4.1472	27.6460	56.7761	0.1795	5.2174	0.7340	5.9515	1.4863	0.6753	2.1616		16,830.5964	16,830.5964	0.1113		16,832.9344
Worker	3.1372	4.0249	54.5581	0.3033	23.8419	0.1862	24.0282	6.3230	0.1728	6.4958		19,024.8484	19,024.8484	0.6620		19,038.7494
Total	7.2843	31.6709	111.3342	0.4829	29.0594	0.9203	29.9796	7.8093	0.8481	8.6574		35,855.4448	35,855.4448	0.7733		35,871.6838

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	2.9876	11.5846	27.8701	0.0794		0.2529	0.2529		0.2529	0.2529	0.0000	8,120.8870	8,120.8870	0.2625		8,126.3990
Total	2.9876	11.5846	27.8701	0.0794		0.2529	0.2529		0.2529	0.2529	0.0000	8,120.8870	8,120.8870	0.2625		8,126.3990

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	4.1472	27.6460	56.7761	0.1795	5.2174	0.7340	5.9515	1.4863	0.6753	2.1616		16,830.5964	16,830.5964	0.1113		16,832.9344
Worker	3.1372	4.0249	54.5581	0.3033	23.8419	0.1862	24.0282	6.3230	0.1728	6.4958		19,024.8484	19,024.8484	0.6620		19,038.7494
Total	7.2843	31.6709	111.3342	0.4829	29.0594	0.9203	29.9796	7.8093	0.8481	8.6574		35,855.4448	35,855.4448	0.7733		35,871.6838

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Diversity

Increase Transit Accessibility

Improve Pedestrian Network

	ROG	NOx	CO	SO2	Fugitive 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	13.6670	26.5277	129.3321	0.5214	33.6348	0.6882	34.3230	8.9911	0.6352	9.6263		37,411.5763	37,411.5763	1.0334		37,433.2784
Unmitigated	14.1110	29.1166	140.7954	0.5886	38.1347	0.7703	38.9050	10.1940	0.7109	10.9049		42,226.5830	42,226.5830	1.1592		42,250.9261

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Arena	163.58	0.00	0.00	252,206	222,445
Arena	817.90	0.00	0.00	1,261,028	1,112,226
Arena	150.49	0.00	0.00	232,029	204,650
City Park	169.56	9.54	9.54	356,355	314,305
City Park	2,670.57	150.26	150.26	5,612,584	4,950,299
Government (Civic Center)	444.03	0.00	0.00	979,452	863,877
Health Club	903.00	438.27	561.33	1,684,924	1,486,103
Racquet Club	676.00	417.40	534.60	1,262,000	1,113,084
Recreational Swimming Pool	1,092.02	529.89	678.67	2,320,237	2,046,449
Total	7,087.16	1,545.35	1,934.40	13,960,814	12,313,438

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Arena	16.60	8.40	6.90	0.00	81.00	19.00	66	28	6
Arena	16.60	8.40	6.90	0.00	81.00	19.00	66	28	6
Arena	16.60	8.40	6.90	0.00	81.00	19.00	66	28	6
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Government (Civic Center)	16.60	8.40	6.90	75.00	20.00	5.00	50	34	16
Health Club	16.60	8.40	6.90	16.90	64.10	19.00	52	39	9
Racquet Club	16.60	8.40	6.90	11.50	69.50	19.00	52	39	9
Recreational Swimming Pool	16.60	8.40	6.90	33.00	48.00	19.00	52	39	9

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.491224	0.060821	0.184988	0.143129	0.045158	0.007219	0.016964	0.038507	0.002073	0.002552	0.004110	0.000541	0.002713

5.0 Energy Detail

4.4 Fleet Mix

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	0.3709	3.3715	2.8320	0.0202		0.2562	0.2562		0.2562	0.2562		4,045.7725	4,045.7725	0.0775	0.0742	4,070.3944
NaturalGas Unmitigated	0.3709	3.3715	2.8320	0.0202		0.2562	0.2562		0.2562	0.2562		4,045.7725	4,045.7725	0.0775	0.0742	4,070.3944

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					
Arena	22448.3	0.2421	2.2008	1.8487	0.0132		0.1673	0.1673		0.1673	0.1673		2,640.9786	2,640.9786	0.0506	0.0484	2,657.0511
Arena	4130.49	0.0445	0.4050	0.3402	2.4300e-003		0.0308	0.0308		0.0308	0.0308		485.9401	485.9401	9.3100e-003	8.9100e-003	488.8974
Arena	4489.66	0.0484	0.4402	0.3697	2.6400e-003		0.0335	0.0335		0.0335	0.0335		528.1957	528.1957	0.0101	9.6800e-003	531.4102

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
Government (Civic Center)	1207.69	0.0130	0.1184	0.0995	7.1000e-004		9.0000e-003	9.0000e-003		9.0000e-003	9.0000e-003		142.0812	142.0812	2.7200e-003	2.6000e-003	142.9459
Health Club	1082.22	0.0117	0.1061	0.0891	6.4000e-004		8.0600e-003	8.0600e-003		8.0600e-003	8.0600e-003		127.3199	127.3199	2.4400e-003	2.3300e-003	128.0948
Racquet Club	1030.68	0.0111	0.1011	0.0849	6.1000e-004		7.6800e-003	7.6800e-003		7.6800e-003	7.6800e-003		121.2571	121.2571	2.3200e-003	2.2200e-003	121.9950
Recreational Swimming Pool	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		0.3709	3.3715	2.8320	0.0202		0.2562	0.2562		0.2562	0.2562		4,045.7725	4,045.7725	0.0775	0.0742	4,070.3944

Mitigated

	Natural Gas 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					
Arena	4.13049	0.0445	0.4050	0.3402	2.4300e-003		0.0308	0.0308		0.0308	0.0308		485.9401	485.9401	9.3100e-003	8.9100e-003	488.8974
Arena	4.48966	0.0484	0.4402	0.3697	2.6400e-003		0.0335	0.0335		0.0335	0.0335		528.1957	528.1957	0.0101	9.6800e-003	531.4102
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
Government (Civic Center)	1.20769	0.0130	0.1184	0.0995	7.1000e-004		9.0000e-003	9.0000e-003		9.0000e-003	9.0000e-003		142.0812	142.0812	2.7200e-003	2.6000e-003	142.9459
Health Club	1.08222	0.0117	0.1061	0.0891	6.4000e-004		8.0600e-003	8.0600e-003		8.0600e-003	8.0600e-003		127.3199	127.3199	2.4400e-003	2.3300e-003	128.0948
Racquet Club	1.03068	0.0111	0.1011	0.0849	6.1000e-004		7.6800e-003	7.6800e-003		7.6800e-003	7.6800e-003		121.2571	121.2571	2.3200e-003	2.2200e-003	121.9950
Recreational Swimming Pool	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
Arena	22.4483	0.2421	2.2008	1.8487	0.0132		0.1673	0.1673		0.1673	0.1673		2,640.9786	2,640.9786	0.0506	0.0484	2,657.0511
Total		0.3709	3.3715	2.8320	0.0202		0.2562	0.2562		0.2562	0.2562		4,045.7725	4,045.7725	0.0775	0.0742	4,070.3944

6.0 Area Detail

6.1 Mitigation Measures Area

No Hearths Installed

	ROG	NOx	CO	SO2	Fugitive 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	36.3733	2.0000e-004	0.0225	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0484	0.0484	1.2000e-004		0.0510
Unmitigated	36.3733	2.0000e-004	0.0225	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0484	0.0484	1.2000e-004		0.0510

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	32.3013					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	4.0699					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.0500e-003	2.0000e-004	0.0225	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0484	0.0484	1.2000e-004		0.0510
Total	36.3732	2.0000e-004	0.0225	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0484	0.0484	1.2000e-004		0.0510

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	32.3013					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	4.0699					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.0500e-003	2.0000e-004	0.0225	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0484	0.0484	1.2000e-004		0.0510
Total	36.3732	2.0000e-004	0.0225	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0484	0.0484	1.2000e-004		0.0510

7.0 Water Detail

7.1 Mitigation Measures Water

Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

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

Earvin Magic Johnson Recreation Area Master Plan Project South Coast Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government (Civic Center)	40.33	1000sqft	0.93	40,330.00	0
Arena	2.00	Acre	2.00	87,120.00	0
Arena	10.00	Acre	10.00	435,600.00	0
Arena	1.84	Acre	1.84	80,150.40	0
City Park	6.00	Acre	6.00	261,360.00	0
City Park	94.50	Acre	94.50	4,116,420.00	0
Health Club	21.00	1000sqft	0.48	21,000.00	0
Racquet Club	20.00	1000sqft	0.46	20,000.00	0
Recreational Swimming Pool	25.39	1000sqft	0.58	25,387.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	11			Operational Year	2030
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	1227.89	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 - Proposed Land Uses

Construction Phase - Proposed Phases of Construction

Off-road Equipment - Proposed Equipment

Water Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	26
tblConstructionPhase	NumDays	3,100.00	264.00
tblConstructionPhase	NumDays	3,100.00	264.00
tblConstructionPhase	NumDays	3,100.00	264.00
tblConstructionPhase	NumDays	3,100.00	264.00
tblConstructionPhase	NumDays	3,100.00	264.00
tblConstructionPhase	NumDays	3,100.00	264.00
tblConstructionPhase	NumDays	200.00	132.00
tblConstructionPhase	NumDays	200.00	132.00
tblConstructionPhase	NumDays	200.00	198.00
tblConstructionPhase	NumDays	200.00	198.00
tblConstructionPhase	NumDays	200.00	66.00
tblConstructionPhase	NumDays	200.00	132.00
tblConstructionPhase	NumDays	310.00	198.00
tblConstructionPhase	NumDays	310.00	132.00
tblConstructionPhase	NumDays	310.00	66.00
tblConstructionPhase	NumDays	310.00	198.00
tblConstructionPhase	NumDays	310.00	132.00
tblConstructionPhase	NumDays	310.00	66.00
tblConstructionPhase	NumDays	220.00	198.00
tblConstructionPhase	NumDays	220.00	132.00
tblConstructionPhase	NumDays	220.00	198.00
tblConstructionPhase	NumDays	220.00	132.00
tblConstructionPhase	NumDays	220.00	198.00
tblConstructionPhase	NumDays	220.00	132.00
tblConstructionPhase	PhaseEndDate	9/7/2027	2/4/2027
tblConstructionPhase	PhaseEndDate	2/5/2029	9/5/2029
tblConstructionPhase	PhaseEndDate	12/8/2031	1/5/2032

tblConstructionPhase	PhaseEndDate	1/5/2035	3/5/2035
tblConstructionPhase	PhaseEndDate	10/6/2023	11/3/2023
tblConstructionPhase	PhaseEndDate	8/9/2027	12/1/2026
tblConstructionPhase	PhaseEndDate	6/10/2030	10/3/2029
tblConstructionPhase	PhaseEndDate	10/7/2032	12/1/2032
tblConstructionPhase	PhaseEndDate	9/8/2021	12/1/2021
tblConstructionPhase	PhaseEndDate	5/7/2024	12/3/2024
tblConstructionPhase	PhaseEndDate	9/5/2025	10/3/2025
tblConstructionPhase	PhaseEndDate	6/3/2027	7/5/2027
tblConstructionPhase	PhaseEndDate	1/3/2030	12/31/2029
tblConstructionPhase	PhaseEndDate	9/5/2019	10/3/2019
tblConstructionPhase	PhaseEndDate	6/3/2033	7/5/2033
tblConstructionPhase	PhaseEndDate	3/3/2022	4/4/2022
tblConstructionPhase	PhaseEndDate	7/8/2026	9/2/2026
tblConstructionPhase	PhaseEndDate	1/5/2028	2/1/2028
tblConstructionPhase	PhaseEndDate	10/3/2030	12/3/2030
tblConstructionPhase	PhaseEndDate	1/5/2034	1/2/2034
tblConstructionPhase	PhaseEndDate	7/7/2020	6/3/2020
tblConstructionPhase	PhaseEndDate	10/5/2022	10/3/2022
tblConstructionPhase	PhaseStartDate	9/3/2026	2/1/2026
tblConstructionPhase	PhaseStartDate	2/2/2028	9/1/2028
tblConstructionPhase	PhaseStartDate	12/4/2030	1/1/2031
tblConstructionPhase	PhaseStartDate	1/3/2034	3/1/2034
tblConstructionPhase	PhaseStartDate	10/4/2022	11/1/2022
tblConstructionPhase	PhaseStartDate	2/5/2027	6/1/2026
tblConstructionPhase	PhaseStartDate	9/6/2029	1/1/2029
tblConstructionPhase	PhaseStartDate	1/6/2032	3/1/2032
tblConstructionPhase	PhaseStartDate	6/9/2021	9/1/2021
tblConstructionPhase	PhaseStartDate	11/4/2023	6/1/2024
tblConstructionPhase	PhaseStartDate	12/4/2024	1/1/2025
tblConstructionPhase	PhaseStartDate	12/2/2026	1/1/2027
tblConstructionPhase	PhaseStartDate	10/4/2029	10/1/2029

tblConstructionPhase	PhaseStartDate	12/4/2018	1/1/2019
tblConstructionPhase	PhaseStartDate	12/2/2032	1/1/2033
tblConstructionPhase	PhaseStartDate	12/2/2021	1/1/2022
tblConstructionPhase	PhaseStartDate	10/4/2025	12/1/2025
tblConstructionPhase	PhaseStartDate	7/6/2027	8/1/2027
tblConstructionPhase	PhaseStartDate	1/1/2030	3/1/2030
tblConstructionPhase	PhaseStartDate	7/6/2033	7/1/2033
tblConstructionPhase	PhaseStartDate	10/4/2019	9/1/2019
tblConstructionPhase	PhaseStartDate	4/5/2022	4/1/2022
tblConsumerProducts	ROG_EF	1.98E-05	8E-07
tblGrading	AcresOfGrading	594.00	30.00
tblGrading	AcresOfGrading	396.00	21.00
tblGrading	AcresOfGrading	198.00	7.00
tblGrading	AcresOfGrading	594.00	50.00
tblGrading	AcresOfGrading	396.00	3.00
tblGrading	AcresOfGrading	198.00	12.00
tblGrading	MaterialExported	0.00	90,000.00
tblGrading	MaterialExported	0.00	90,000.00
tblGrading	MaterialImported	0.00	90,000.00
tblGrading	MaterialImported	0.00	90,000.00
tblLandUse	LandUseSquareFeet	25,390.00	25,387.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Demolition 1
tblOffRoadEquipment	PhaseName		Demolition 1
tblProjectCharacteristics	OperationalYear	2014	2030

tblTripsAndVMT	HaulingTripLength	20.00	1.50
tblTripsAndVMT	HaulingTripLength	20.00	1.50
tblVehicleTrips	DV_TP	0.28	28.00
tblVehicleTrips	PB_TP	0.60	6.00
tblVehicleTrips	PR_TP	0.66	66.00
tblVehicleTrips	WD_TR	33.33	81.79
tblVehicleTrips	WD_TR	1.59	28.26
tblVehicleTrips	WD_TR	27.92	11.01
tblVehicleTrips	WD_TR	32.93	43.00
tblVehicleTrips	WD_TR	32.93	33.80
tblVehicleTrips	WD_TR	32.93	43.01

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					
2018	0.2739	2.7757	2.4422	3.1900e-003	0.0148	0.1431	0.1580	3.9000e-003	0.1331	0.1370	0.0000	285.6852	285.6852	0.0773	0.0000	287.3090
2019	0.7663	7.9727	6.8163	0.0100	0.6826	0.3826	1.0652	0.3454	0.3521	0.6974	0.0000	884.2059	884.2059	0.2594	0.0000	889.6523
2020	1.3453	9.0483	16.7770	0.0430	2.1697	0.3092	2.4788	0.5839	0.2863	0.8702	0.0000	3,238.7286	3,238.7286	0.2759	0.0000	3,244.5231
2021	0.9568	6.0189	12.1748	0.0320	1.6199	0.2062	1.8261	0.4359	0.1913	0.6273	0.0000	2,394.6771	2,394.6771	0.1967	0.0000	2,398.8071
2022	0.6064	4.6135	7.1878	0.0172	0.8611	0.1944	1.0555	0.2864	0.1793	0.4657	0.0000	1,334.2098	1,334.2098	0.2037	0.0000	1,338.4872
2023	1.4627	7.3668	19.8316	0.0591	3.1390	0.2495	3.3884	0.8449	0.2313	1.0761	0.0000	4,320.5136	4,320.5136	0.2992	0.0000	4,326.7972
2024	0.1783	1.6018	2.0393	3.2000e-003	0.0148	0.0745	0.0893	3.9000e-003	0.0691	0.0730	0.0000	275.2228	275.2228	0.0761	0.0000	276.8215
2025	0.4204	3.6241	5.0084	8.6600e-003	0.6632	0.1603	0.8235	0.3419	0.1475	0.4894	0.0000	746.9693	746.9693	0.2240	0.0000	751.6730

2026	1.7467	9.9916	23.7724	0.0713	3.4489	0.3639	3.8128	0.9281	0.3368	1.2649	0.0000	5,219.2384	5,219.2384	0.4882	0.0000	5,229.4902
2027	0.4895	3.8146	6.0139	0.0142	0.8007	0.1655	0.9662	0.3251	0.1525	0.4776	0.0000	1,127.4262	1,127.4262	0.2337	0.0000	1,132.3342
2028	0.5155	2.7367	7.1202	0.0236	1.2301	0.0932	1.3233	0.3311	0.0863	0.4174	0.0000	1,691.7250	1,691.7250	0.1243	0.0000	1,694.3356
2029	1.3731	8.4628	18.1575	0.0553	2.7745	0.3199	3.0944	0.8018	0.2962	1.0980	0.0000	4,043.8738	4,043.8738	0.4151	0.0000	4,052.5899
2030	0.2131	1.0338	2.4155	4.9100e-003	0.0272	0.0435	0.0707	7.2100e-003	0.0435	0.0507	0.0000	422.1913	422.1913	0.0177	0.0000	422.5632
2031	1.4558	6.2284	19.8001	0.0714	3.7242	0.1701	3.8943	1.0024	0.1607	1.1631	0.0000	5,118.9682	5,118.9682	0.1308	0.0000	5,121.7158
2032	0.2587	1.2132	2.6428	6.1200e-003	0.0649	0.0415	0.1063	0.0173	0.0413	0.0587	0.0000	536.9809	536.9809	0.0214	0.0000	537.4312
2033	0.4051	1.8005	3.9367	9.0000e-003	0.4373	0.0710	0.5083	0.2288	0.0710	0.2998	0.0000	811.5680	811.5680	0.0334	0.0000	812.2688
2034	1.1627	5.1298	16.0387	0.0596	3.1108	0.1425	3.2533	0.8373	0.1346	0.9720	0.0000	4,255.9157	4,255.9157	0.1057	0.0000	4,258.1349
2035	0.2372	1.0300	3.3535	0.0126	0.6564	0.0270	0.6834	0.1767	0.0254	0.2021	0.0000	896.5100	896.5100	0.0217	0.0000	896.9647
Total	13.8674	84.4634	175.5288	0.5045	25.4398	3.1578	28.5976	7.5020	2.9382	10.4401	0.0000	37,604.6097	37,604.6097	3.2042	0.0000	37,671.8987

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					
2018	0.2739	2.7757	2.4422	3.1900e-003	0.0146	0.1431	0.1578	3.8700e-003	0.1331	0.1370	0.0000	285.6848	285.6848	0.0773	0.0000	287.3086
2019	0.7663	7.9727	6.8163	0.0100	0.2842	0.3826	0.6668	0.1363	0.3521	0.4884	0.0000	884.2049	884.2049	0.2594	0.0000	889.6513
2020	1.3453	9.0483	16.7770	0.0430	2.1697	0.3092	2.4788	0.5839	0.2863	0.8702	0.0000	3,238.7278	3,238.7278	0.2759	0.0000	3,244.5223
2021	0.9568	6.0189	12.1748	0.0320	1.6197	0.2062	1.8259	0.4359	0.1913	0.6272	0.0000	2,394.6765	2,394.6765	0.1967	0.0000	2,398.8066
2022	0.6064	4.6135	7.1878	0.0172	0.7320	0.1944	0.9264	0.2172	0.1793	0.3965	0.0000	1,334.2091	1,334.2091	0.2037	0.0000	1,338.4865
2023	1.4627	7.3668	19.8316	0.0591	3.1390	0.2495	3.3884	0.8449	0.2313	1.0761	0.0000	4,320.5128	4,320.5128	0.2992	0.0000	4,326.7963
2024	0.1783	1.6018	2.0393	3.2000e-003	0.0146	0.0745	0.0891	3.8700e-003	0.0691	0.0730	0.0000	275.2225	275.2225	0.0761	0.0000	276.8212

2025	0.4204	3.6241	5.0084	8.6600e-003	0.2715	0.1603	0.4318	0.1336	0.1475	0.2811	0.0000	746.9684	746.9684	0.2240	0.0000	751.6722
2026	1.7467	9.9916	23.7724	0.0713	3.4487	0.3639	3.8126	0.9281	0.3368	1.2649	0.0000	5,219.2369	5,219.2369	0.4882	0.0000	5,229.4886
2027	0.4895	3.8146	6.0139	0.0142	0.5435	0.1655	0.7089	0.1868	0.1525	0.3393	0.0000	1,127.4254	1,127.4254	0.2337	0.0000	1,132.3333
2028	0.5155	2.7367	7.1202	0.0236	1.2301	0.0932	1.3233	0.3311	0.0863	0.4174	0.0000	1,691.7246	1,691.7246	0.1243	0.0000	1,694.3352
2029	1.3731	8.4628	18.1575	0.0553	2.6468	0.3199	2.9668	0.7327	0.2962	1.0289	0.0000	4,043.8724	4,043.8724	0.4151	0.0000	4,052.5885
2030	0.2131	1.0338	2.4155	4.9100e-003	0.0272	0.0435	0.0707	7.2100e-003	0.0435	0.0507	0.0000	422.1909	422.1909	0.0177	0.0000	422.5627
2031	1.4558	6.2284	19.8001	0.0714	3.7242	0.1701	3.8943	1.0024	0.1607	1.1631	0.0000	5,118.9670	5,118.9670	0.1308	0.0000	5,121.7146
2032	0.2587	1.2132	2.6428	6.1200e-003	0.0647	0.0415	0.1061	0.0173	0.0413	0.0586	0.0000	536.9803	536.9803	0.0214	0.0000	537.4306
2033	0.4051	1.8005	3.9367	9.0000e-003	0.1861	0.0710	0.2571	0.0912	0.0710	0.1621	0.0000	811.5671	811.5671	0.0334	0.0000	812.2679
2034	1.1627	5.1298	16.0387	0.0596	3.1108	0.1425	3.2533	0.8373	0.1346	0.9720	0.0000	4,255.9147	4,255.9147	0.1057	0.0000	4,258.1339
2035	0.2372	1.0300	3.3535	0.0126	0.6564	0.0270	0.6834	0.1767	0.0254	0.2021	0.0000	896.5098	896.5098	0.0217	0.0000	896.9645
Total	13.8674	84.4633	175.5288	0.5045	23.8836	3.1578	27.0413	6.6702	2.9382	9.6084	0.0000	37,604.5960	37,604.5960	3.2042	0.0000	37,671.8849

	ROG	NOx	CO	SO2	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	6.12	0.00	5.44	11.09	0.00	7.97	0.00	0.00	0.00	0.00	0.00	0.00

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	6.6380	3.0000e-005	2.8100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.4900e-003	5.4900e-003	1.0000e-005	0.0000	5.7800e-003
Energy	0.0677	0.6153	0.5169	3.6900e-003		0.0468	0.0468		0.0468	0.0468	0.0000	5,317.4627	5,317.4627	0.1226	0.0350	5,330.8845
Mobile	1.9625	4.3972	20.3537	0.0801	5.2981	0.1091	5.4072	1.4184	0.1007	1.5191	0.0000	5,227.1205	5,227.1205	0.1489	0.0000	5,230.2470

Waste						0.0000	0.0000		0.0000	0.0000	125.4748	0.0000	125.4748	7.4154	0.0000	281.1971
Water						0.0000	0.0000		0.0000	0.0000	9.6982	1,015.2864	1,024.9846	1.0201	0.0285	1,055.2354
Total	8.6682	5.0126	20.8734	0.0837	5.2981	0.1559	5.4540	1.4184	0.1475	1.5659	135.1730	11,559.8751	11,695.0481	8.7069	0.0635	11,897.5698

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	6.6380	3.0000e-005	2.8100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.4900e-003	5.4900e-003	1.0000e-005	0.0000	5.7800e-003
Energy	0.0677	0.6153	0.5169	3.6900e-003		0.0468	0.0468		0.0468	0.0468	0.0000	5,317.4627	5,317.4627	0.1226	0.0350	5,330.8845
Mobile	1.9010	4.0010	18.8692	0.0709	4.6729	0.0975	4.7705	1.2510	0.0900	1.3411	0.0000	4,631.5724	4,631.5724	0.1328	0.0000	4,634.3603
Waste						0.0000	0.0000		0.0000	0.0000	62.7374	0.0000	62.7374	3.7077	0.0000	140.5986
Water						0.0000	0.0000		0.0000	0.0000	9.6982	966.8772	976.5755	1.0188	0.0282	1,006.7135
Total	8.6067	4.6163	19.3889	0.0746	4.6729	0.1443	4.8172	1.2510	0.1368	1.3878	72.4356	10,915.9179	10,988.3535	4.9818	0.0632	11,112.5626

	ROG	NOx	CO	SO2	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	0.71	7.91	7.11	10.89	11.80	7.43	11.68	11.80	7.25	11.37	46.41	5.57	6.04	42.78	0.43	6.60

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition 1	Demolition	6/1/2018	12/3/2018	5	132	
2	Grading 1	Grading	1/1/2019	10/3/2019	5	198	

3	Paving 1	Paving	9/1/2019	6/3/2020	5	198
4	Building Construction 1	Building Construction	6/4/2020	6/8/2021	5	264
5	Demolition 2	Demolition	9/1/2021	12/1/2021	5	66
6	Grading 2	Grading	1/1/2022	4/4/2022	5	66
7	Paving 2	Paving	4/1/2022	10/3/2022	5	132
8	Building Construction 2	Building Construction	11/1/2022	11/3/2023	5	264
9	Demolition 3	Demolition	6/1/2024	12/3/2024	5	132
10	Grading 3	Grading	1/1/2025	10/3/2025	5	198
11	Paving 3	Paving	12/1/2025	9/2/2026	5	198
12	Building Construction 3	Building Construction	2/1/2026	2/4/2027	5	264
13	Demolition 4	Demolition	6/1/2026	12/1/2026	5	132
14	Grading 4	Grading	1/1/2027	7/5/2027	5	132
15	Paving 4	Paving	8/1/2027	2/1/2028	5	132
16	Building Construction 4	Building Construction	9/1/2028	9/5/2029	5	264
17	Demolition 5	Demolition	1/1/2029	10/3/2029	5	198
18	Grading 5	Grading	10/1/2029	12/31/2029	5	66
19	Paving 5	Paving	3/1/2030	12/3/2030	5	198
20	Building Construction 5	Building Construction	1/1/2031	1/5/2032	5	264
21	Demolition 6	Demolition	3/1/2032	12/1/2032	5	198
22	Grading 6	Grading	1/1/2033	7/5/2033	5	132
23	Paving 6	Paving	7/1/2033	1/2/2034	5	132
24	Building Construction 6	Building Construction	3/1/2034	3/5/2035	5	264

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition 1	Concrete/Industrial Saws	1	8.00	81	0.73

Demolition 1	Excavators	3	8.00	162	0.38
Demolition 1	Rollers	1	8.00	80	0.38
Demolition 1	Rubber Tired Dozers	2	8.00	255	0.40
Demolition 1	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading 1	Excavators	2	8.00	162	0.38
Grading 1	Graders	2	8.00	174	0.41
Grading 1	Paving Equipment	1	8.00	130	0.36
Grading 1	Rollers	1	8.00	80	0.38
Grading 1	Rubber Tired Dozers	1	8.00	255	0.40
Grading 1	Scrapers	2	8.00	361	0.48
Grading 1	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving 1	Graders	1	8.00	174	0.41
Paving 1	Pavers	2	8.00	125	0.42
Paving 1	Paving Equipment	2	8.00	130	0.36
Paving 1	Rollers	2	8.00	80	0.38
Paving 1	Signal Boards	1	8.00	6	0.82
Paving 1	Surfacing Equipment	1	8.00	253	0.30
Paving 1	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction 1	Bore/Drill Rigs	1	8.00	205	0.50
Building Construction 1	Cranes	1	7.00	226	0.29
Building Construction 1	Forklifts	3	8.00	89	0.20
Building Construction 1	Generator Sets	1	8.00	84	0.74
Building Construction 1	Off-Highway Trucks	2	8.00	400	0.38
Building Construction 1	Surfacing Equipment	1	8.00	253	0.30
Building Construction 1	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction 1	Trenchers	1	8.00	80	0.50
Building Construction 1	Welders	1	8.00	46	0.45
Demolition 2	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition 2	Excavators	3	8.00	162	0.38
Demolition 2	Rollers	1	8.00	80	0.38
Demolition 2	Rubber Tired Dozers	2	8.00	255	0.40
Demolition 2	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Grading 2	Excavators	2	8.00	162	0.38
Grading 2	Graders	2	8.00	174	0.41
Grading 2	Paving Equipment	1	8.00	130	0.36
Grading 2	Rollers	1	8.00	80	0.38
Grading 2	Rubber Tired Dozers	1	8.00	255	0.40
Grading 2	Scrapers	2	8.00	361	0.48
Grading 2	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving 2	Graders	1	8.00	174	0.41
Paving 2	Pavers	2	8.00	125	0.42
Paving 2	Paving Equipment	2	8.00	130	0.36
Paving 2	Rollers	2	8.00	80	0.38
Paving 2	Signal Boards	1	8.00	6	0.82
Paving 2	Surfacing Equipment	1	8.00	253	0.30
Paving 2	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction 2	Bore/Drill Rigs	1	8.00	205	0.50
Building Construction 2	Cranes	1	7.00	226	0.29
Building Construction 2	Forklifts	3	8.00	89	0.20
Building Construction 2	Generator Sets	1	8.00	84	0.74
Building Construction 2	Off-Highway Trucks	2	8.00	400	0.38
Building Construction 2	Surfacing Equipment	1	8.00	253	0.30
Building Construction 2	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction 2	Trenchers	1	8.00	80	0.50
Building Construction 2	Welders	1	8.00	46	0.45
Demolition 3	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition 3	Excavators	3	8.00	162	0.38
Demolition 3	Rollers	1	8.00	80	0.38
Demolition 3	Rubber Tired Dozers	2	8.00	255	0.40
Demolition 3	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading 3	Excavators	2	8.00	162	0.38
Grading 3	Graders	2	8.00	174	0.41
Grading 3	Paving Equipment	1	8.00	130	0.36
Grading 3	Rollers	1	8.00	80	0.38

Grading 3	Rubber Tired Dozers	1	8.00	255	0.40
Grading 3	Scrapers	2	8.00	361	0.48
Grading 3	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving 3	Graders	1	8.00	174	0.41
Paving 3	Pavers	2	8.00	125	0.42
Paving 3	Paving Equipment	2	8.00	130	0.36
Paving 3	Rollers	2	8.00	80	0.38
Paving 3	Signal Boards	1	8.00	6	0.82
Paving 3	Surfacing Equipment	1	8.00	253	0.30
Paving 3	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction 3	Bore/Drill Rigs	1	8.00	205	0.50
Building Construction 3	Cranes	1	7.00	226	0.29
Building Construction 3	Forklifts	3	8.00	89	0.20
Building Construction 3	Generator Sets	1	8.00	84	0.74
Building Construction 3	Off-Highway Trucks	2	8.00	400	0.38
Building Construction 3	Surfacing Equipment	1	8.00	253	0.30
Building Construction 3	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction 3	Trenchers	1	8.00	80	0.50
Building Construction 3	Welders	1	8.00	46	0.45
Demolition 4	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition 4	Excavators	3	8.00	162	0.38
Demolition 4	Rollers	1	8.00	80	0.38
Demolition 4	Rubber Tired Dozers	2	8.00	255	0.40
Demolition 4	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading 4	Excavators	2	8.00	162	0.38
Grading 4	Graders	2	8.00	174	0.41
Grading 4	Paving Equipment	1	8.00	130	0.36
Grading 4	Rollers	1	8.00	80	0.38
Grading 4	Rubber Tired Dozers	1	8.00	255	0.40
Grading 4	Scrapers	2	8.00	361	0.48
Grading 4	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving 4	Graders	1	8.00	174	0.41

Paving 4	Pavers	2	8.00	125	0.42
Paving 4	Paving Equipment	2	8.00	130	0.36
Paving 4	Rollers	2	8.00	80	0.38
Paving 4	Signal Boards	1	8.00	6	0.82
Paving 4	Surfacing Equipment	1	8.00	253	0.30
Paving 4	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction 4	Bore/Drill Rigs	1	8.00	205	0.50
Building Construction 4	Cranes	1	7.00	226	0.29
Building Construction 4	Forklifts	3	8.00	89	0.20
Building Construction 4	Generator Sets	1	8.00	84	0.74
Building Construction 4	Off-Highway Trucks	2	8.00	400	0.38
Building Construction 4	Surfacing Equipment	1	8.00	253	0.30
Building Construction 4	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction 4	Trenchers	1	8.00	80	0.50
Building Construction 4	Welders	1	8.00	46	0.45
Demolition 5	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition 5	Excavators	3	8.00	162	0.38
Demolition 5	Rollers	1	8.00	80	0.38
Demolition 5	Rubber Tired Dozers	2	8.00	255	0.40
Demolition 5	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading 5	Excavators	2	8.00	162	0.38
Grading 5	Graders	2	8.00	174	0.41
Grading 5	Paving Equipment	1	8.00	130	0.36
Grading 5	Rollers	1	8.00	80	0.38
Grading 5	Rubber Tired Dozers	1	8.00	255	0.40
Grading 5	Scrapers	2	8.00	361	0.48
Grading 5	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving 5	Graders	1	8.00	174	0.41
Paving 5	Pavers	2	8.00	125	0.42
Paving 5	Paving Equipment	2	8.00	130	0.36
Paving 5	Rollers	2	8.00	80	0.38
Paving 5	Signal Boards	1	8.00	6	0.82

Paving 5	Surfacing Equipment	1	8.00	253	0.30
Paving 5	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction 5	Bore/Drill Rigs	1	8.00	205	0.50
Building Construction 5	Cranes	1	7.00	226	0.29
Building Construction 5	Forklifts	3	8.00	89	0.20
Building Construction 5	Generator Sets	1	8.00	84	0.74
Building Construction 5	Off-Highway Trucks	2	8.00	400	0.38
Building Construction 5	Surfacing Equipment	1	8.00	253	0.30
Building Construction 5	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction 5	Trenchers	1	8.00	80	0.50
Building Construction 5	Welders	1	8.00	46	0.45
Demolition 6	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition 6	Excavators	3	8.00	162	0.38
Demolition 6	Rollers	1	8.00	80	0.38
Demolition 6	Rubber Tired Dozers	2	8.00	255	0.40
Demolition 6	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading 6	Excavators	2	8.00	162	0.38
Grading 6	Graders	2	8.00	174	0.41
Grading 6	Paving Equipment	1	8.00	130	0.36
Grading 6	Rollers	1	8.00	80	0.38
Grading 6	Rubber Tired Dozers	1	8.00	255	0.40
Grading 6	Scrapers	2	8.00	361	0.48
Grading 6	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving 6	Graders	1	8.00	174	0.41
Paving 6	Pavers	2	8.00	125	0.42
Paving 6	Paving Equipment	2	8.00	130	0.36
Paving 6	Rollers	2	8.00	80	0.38
Paving 6	Signal Boards	1	8.00	6	0.82
Paving 6	Surfacing Equipment	1	8.00	253	0.30
Paving 6	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction 6	Bore/Drill Rigs	1	8.00	205	0.50
Building Construction 6	Cranes	1	7.00	226	0.29

Building Construction 6	Forklifts	3	8.00	89	0.20
Building Construction 6	Generator Sets	1	8.00	84	0.74
Building Construction 6	Off-Highway Trucks	2	8.00	400	0.38
Building Construction 6	Surfacing Equipment	1	8.00	253	0.30
Building Construction 6	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction 6	Trenchers	1	8.00	80	0.50
Building Construction 6	Welders	1	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
Demolition 1	8	20.00	0.00	3.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading 1	11	28.00	0.00	11,250.00	14.70	6.90	1.50	LD_Mix	HDT_Mix	HHDT
Paving 1	10	25.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction 1	14	2,133.00	834.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition 2	8	20.00	0.00	3.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading 2	11	28.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving 2	10	25.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction 2	14	2,133.00	834.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition 3	8	20.00	0.00	3.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading 3	11	28.00	0.00	11,250.00	14.70	6.90	1.50	LD_Mix	HDT_Mix	HHDT
Paving 3	10	25.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction 3	14	2,133.00	834.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition 4	8	20.00	0.00	3.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading 4	11	28.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving 4	10	25.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction 4	14	2,133.00	834.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition 5	8	20.00	0.00	3.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading 5	11	28.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving 5	10	25.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction 5	14	2,133.00	834.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

Demolition 6	8	20.00	0.00	3.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading 6	11	28.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving 6	10	25.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction 6	14	2,133.00	834.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition 1 - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.1000e-004	0.0000	3.1000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2696	2.7690	2.3758	3.0100e-003		0.1430	0.1430		0.1330	0.1330	0.0000	273.0270	273.0270	0.0767	0.0000	274.6376
Total	0.2696	2.7690	2.3758	3.0100e-003	3.1000e-004	0.1430	0.1433	5.0000e-005	0.1330	0.1330	0.0000	273.0270	273.0270	0.0767	0.0000	274.6376

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0000e-005	3.7000e-004	3.1000e-004	0.0000	3.0000e-005	1.0000e-005	3.0000e-005	1.0000e-005	1.0000e-005	1.0000e-005	0.0000	0.0978	0.0978	0.0000	0.0000	0.0979

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2600e-003	6.3700e-003	0.0661	1.8000e-004	0.0145	1.2000e-004	0.0146	3.8500e-003	1.1000e-004	3.9500e-003	0.0000	12.5604	12.5604	6.3000e-004	0.0000	12.5735
Total	4.2800e-003	6.7400e-003	0.0664	1.8000e-004	0.0145	1.3000e-004	0.0146	3.8600e-003	1.2000e-004	3.9600e-003	0.0000	12.6582	12.6582	6.3000e-004	0.0000	12.6714

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					1.1000e-004	0.0000	1.1000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2696	2.7690	2.3758	3.0100e-003		0.1430	0.1430		0.1330	0.1330	0.0000	273.0266	273.0266	0.0767	0.0000	274.6373
Total	0.2696	2.7690	2.3758	3.0100e-003	1.1000e-004	0.1430	0.1431	2.0000e-005	0.1330	0.1330	0.0000	273.0266	273.0266	0.0767	0.0000	274.6373

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0000e-005	3.7000e-004	3.1000e-004	0.0000	3.0000e-005	1.0000e-005	3.0000e-005	1.0000e-005	1.0000e-005	1.0000e-005	0.0000	0.0978	0.0978	0.0000	0.0000	0.0979
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2600e-003	6.3700e-003	0.0661	1.8000e-004	0.0145	1.2000e-004	0.0146	3.8500e-003	1.1000e-004	3.9500e-003	0.0000	12.5604	12.5604	6.3000e-004	0.0000	12.5735
Total	4.2800e-003	6.7400e-003	0.0664	1.8000e-004	0.0145	1.3000e-004	0.0146	3.8600e-003	1.2000e-004	3.9600e-003	0.0000	12.6582	12.6582	6.3000e-004	0.0000	12.6714

3.3 Grading 1 - 2019

Unmitigated Construction On-Site

Off-Road	0.6033	6.5565	4.8788	7.3800e-003		0.3154	0.3154		0.2902	0.2902	0.0000	663.1234	663.1234	0.2098	0.0000	667.5293
Total	0.6033	6.5565	4.8788	7.3800e-003	0.2345	0.3154	0.5499	0.1231	0.2902	0.4132	0.0000	663.1234	663.1234	0.2098	0.0000	667.5293

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	0.0352	0.1924	0.7514	4.1000e-004	7.3400e-003	1.8800e-003	9.2300e-003	2.0200e-003	1.7300e-003	3.7600e-003	0.0000	34.7615	34.7615	4.8000e-004	0.0000	34.7715
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	8.2100e-003	0.0123	0.1272	3.7000e-004	0.0304	2.4000e-004	0.0307	8.0800e-003	2.2000e-004	8.3000e-003	0.0000	25.3729	25.3729	1.2300e-003	0.0000	25.3987
Total	0.0434	0.2047	0.8786	7.8000e-004	0.0378	2.1200e-003	0.0399	0.0101	1.9500e-003	0.0121	0.0000	60.1344	60.1344	1.7100e-003	0.0000	60.1702

3.4 Paving 1 - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1164	1.2067	1.0090	1.6900e-003		0.0650	0.0650		0.0598	0.0598	0.0000	150.9932	150.9932	0.0474	0.0000	151.9877
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1164	1.2067	1.0090	1.6900e-003		0.0650	0.0650		0.0598	0.0598	0.0000	150.9932	150.9932	0.0474	0.0000	151.9877

Unmitigated Construction Off-Site

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	3.2200e-003	4.8100e-003	0.0499	1.5000e-004	0.0119	9.0000e-005	0.0120	3.1700e-003	9.0000e-005	3.2600e-003	0.0000	9.9542	9.9542	4.8000e-004	0.0000	9.9643
Total	3.2200e-003	4.8100e-003	0.0499	1.5000e-004	0.0119	9.0000e-005	0.0120	3.1700e-003	9.0000e-005	3.2600e-003	0.0000	9.9542	9.9542	4.8000e-004	0.0000	9.9643

3.4 Paving 1 - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1390	1.4245	1.2832	2.1600e-003		0.0757	0.0757		0.0697	0.0697	0.0000	188.4891	188.4891	0.0604	0.0000	189.7579
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1390	1.4245	1.2832	2.1600e-003		0.0757	0.0757		0.0697	0.0697	0.0000	188.4891	188.4891	0.0604	0.0000	189.7579

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	3.8500e-003	5.6900e-003	0.0593	1.9000e-004	0.0152	1.2000e-004	0.0153	4.0400e-003	1.1000e-004	4.1500e-003	0.0000	12.1843	12.1843	5.8000e-004	0.0000	12.1965
Total	3.8500e-003	5.6900e-003	0.0593	1.9000e-004	0.0152	1.2000e-004	0.0153	4.0400e-003	1.1000e-004	4.1500e-003	0.0000	12.1843	12.1843	5.8000e-004	0.0000	12.1965

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	0.1390	1.4245	1.2832	2.1600e-003		0.0757	0.0757		0.0697	0.0697	0.0000	188.4889	188.4889	0.0604	0.0000	189.7576
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1390	1.4245	1.2832	2.1600e-003		0.0757	0.0757		0.0697	0.0697	0.0000	188.4889	188.4889	0.0604	0.0000	189.7576

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	3.8500e-003	5.6900e-003	0.0593	1.9000e-004	0.0152	1.2000e-004	0.0153	4.0400e-003	1.1000e-004	4.1500e-003	0.0000	12.1843	12.1843	5.8000e-004	0.0000	12.1965
Total	3.8500e-003	5.6900e-003	0.0593	1.9000e-004	0.0152	1.2000e-004	0.0153	4.0400e-003	1.1000e-004	4.1500e-003	0.0000	12.1843	12.1843	5.8000e-004	0.0000	12.1965

3.5 Building Construction 1 - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3257	3.1172	2.3146	5.4200e-003		0.1545	0.1545		0.1439	0.1439	0.0000	472.4254	472.4254	0.1389	0.0000	475.3423

Total	0.3257	3.1172	2.3146	5.4200e-003		0.1545	0.1545		0.1439	0.1439	0.0000	472.4254	472.4254	0.1389	0.0000	475.3423
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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	0.4298	3.8407	6.2413	0.0136	0.3876	0.0651	0.4527	0.1107	0.0599	0.1705	0.0000	1,151.4495	1,151.4495	8.3700e-003	0.0000	1,151.6253
Worker	0.4469	0.6602	6.8787	0.0216	1.7668	0.0138	1.7806	0.4692	0.0128	0.4820	0.0000	1,414.1802	1,414.1802	0.0677	0.0000	1,415.6011
Total	0.8767	4.5009	13.1200	0.0352	2.1545	0.0788	2.2333	0.5799	0.0726	0.6525	0.0000	2,565.6297	2,565.6297	0.0760	0.0000	2,567.2264

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	0.3257	3.1172	2.3146	5.4200e-003		0.1545	0.1545		0.1439	0.1439	0.0000	472.4249	472.4249	0.1389	0.0000	475.3417
Total	0.3257	3.1172	2.3146	5.4200e-003		0.1545	0.1545		0.1439	0.1439	0.0000	472.4249	472.4249	0.1389	0.0000	475.3417

Mitigated Construction Off-Site

Vendor	0.3104	2.4400	4.5523	0.0102	0.2901	0.0444	0.3344	0.0828	0.0408	0.1236	0.0000	861.3137	861.3137	6.3200e-003	0.0000	861.4463
Worker	0.3164	0.4620	4.8356	0.0162	1.3222	0.0103	1.3325	0.3512	9.5600e-003	0.3607	0.0000	1,041.8903	1,041.8903	0.0485	0.0000	1,042.9082
Total	0.6268	2.9019	9.3879	0.0264	1.6123	0.0547	1.6669	0.4340	0.0504	0.4843	0.0000	1,903.2040	1,903.2040	0.0548	0.0000	1,904.3545

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	0.2214	2.0660	1.6903	4.0600e-003		0.1000	0.1000		0.0931	0.0931	0.0000	353.6628	353.6628	0.1036	0.0000	355.8390
Total	0.2214	2.0660	1.6903	4.0600e-003		0.1000	0.1000		0.0931	0.0931	0.0000	353.6628	353.6628	0.1036	0.0000	355.8390

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	0.3104	2.4400	4.5523	0.0102	0.2901	0.0444	0.3344	0.0828	0.0408	0.1236	0.0000	861.3137	861.3137	6.3200e-003	0.0000	861.4463
Worker	0.3164	0.4620	4.8356	0.0162	1.3222	0.0103	1.3325	0.3512	9.5600e-003	0.3607	0.0000	1,041.8903	1,041.8903	0.0485	0.0000	1,042.9082
Total	0.6268	2.9019	9.3879	0.0264	1.6123	0.0547	1.6669	0.4340	0.0504	0.4843	0.0000	1,903.2040	1,903.2040	0.0548	0.0000	1,904.3545

3.6 Demolition 2 - 2021

Unmitigated Construction On-Site

Off-Road	0.1068	1.0482	1.0698	1.5100e-003		0.0514	0.0514		0.0478	0.0478	0.0000	132.0101	132.0101	0.0380	0.0000	132.8078
Total	0.1068	1.0482	1.0698	1.5100e-003	1.1000e-004	0.0514	0.0516	2.0000e-005	0.0478	0.0478	0.0000	132.0101	132.0101	0.0380	0.0000	132.8078

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0000e-005	2.7000e-004	3.0000e-004	0.0000	3.0000e-005	1.0000e-005	3.0000e-005	1.0000e-005	1.0000e-005	1.0000e-005	0.0000	0.0937	0.0937	0.0000	0.0000	0.0938
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	1.7300e-003	2.5300e-003	0.0265	9.0000e-005	7.2400e-003	6.0000e-005	7.3000e-003	1.9200e-003	5.0000e-005	1.9800e-003	0.0000	5.7059	5.7059	2.7000e-004	0.0000	5.7115
Total	1.7500e-003	2.8000e-003	0.0268	9.0000e-005	7.2700e-003	7.0000e-005	7.3300e-003	1.9300e-003	6.0000e-005	1.9900e-003	0.0000	5.7997	5.7997	2.7000e-004	0.0000	5.8053

3.7 Grading 2 - 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					0.2051	0.0000	0.2051	0.1099	0.0000	0.1099	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1538	1.5529	1.4473	2.4600e-003		0.0726	0.0726		0.0668	0.0668	0.0000	216.4298	216.4298	0.0700	0.0000	217.8998
Total	0.1538	1.5529	1.4473	2.4600e-003	0.2051	0.0726	0.2777	0.1099	0.0668	0.1767	0.0000	216.4298	216.4298	0.0700	0.0000	217.8998

Unmitigated Construction Off-Site

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-003	3.3200e-003	0.0349	1.2000e-004	0.0101	8.0000e-005	0.0102	2.6900e-003	7.0000e-005	2.7700e-003	0.0000	7.8556	7.8556	3.6000e-004	0.0000	7.8631
Total	2.3000e-003	3.3200e-003	0.0349	1.2000e-004	0.0101	8.0000e-005	0.0102	2.6900e-003	7.0000e-005	2.7700e-003	0.0000	7.8556	7.8556	3.6000e-004	0.0000	7.8631

3.8 Paving 2 - 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	0.1343	1.3346	1.5027	2.5600e-003		0.0678	0.0678		0.0624	0.0624	0.0000	224.1240	224.1240	0.0718	0.0000	225.6326
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1343	1.3346	1.5027	2.5600e-003		0.0678	0.0678		0.0624	0.0624	0.0000	224.1240	224.1240	0.0718	0.0000	225.6326

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	4.1000e-003	5.9300e-003	0.0623	2.2000e-004	0.0181	1.4000e-004	0.0182	4.8100e-003	1.3000e-004	4.9400e-003	0.0000	14.0279	14.0279	6.4000e-004	0.0000	14.0412
Total	4.1000e-003	5.9300e-003	0.0623	2.2000e-004	0.0181	1.4000e-004	0.0182	4.8100e-003	1.3000e-004	4.9400e-003	0.0000	14.0279	14.0279	6.4000e-004	0.0000	14.0412

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	0.1343	1.3346	1.5027	2.5600e-003		0.0678	0.0678		0.0624	0.0624	0.0000	224.1237	224.1237	0.0718	0.0000	225.6323
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1343	1.3346	1.5027	2.5600e-003		0.0678	0.0678		0.0624	0.0624	0.0000	224.1237	224.1237	0.0718	0.0000	225.6323

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	4.1000e-003	5.9300e-003	0.0623	2.2000e-004	0.0181	1.4000e-004	0.0182	4.8100e-003	1.3000e-004	4.9400e-003	0.0000	14.0279	14.0279	6.4000e-004	0.0000	14.0412
Total	4.1000e-003	5.9300e-003	0.0623	2.2000e-004	0.0181	1.4000e-004	0.0182	4.8100e-003	1.3000e-004	4.9400e-003	0.0000	14.0279	14.0279	6.4000e-004	0.0000	14.0412

3.9 Building Construction 2 - 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	0.0772	0.6859	0.6407	1.5800e-003		0.0327	0.0327		0.0305	0.0305	0.0000	137.7429	137.7429	0.0403	0.0000	138.5886

Total	0.0772	0.6859	0.6407	1.5800e-003		0.0327	0.0327		0.0305	0.0305	0.0000	137.7429	137.7429	0.0403	0.0000	138.5886
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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	0.1181	0.8622	1.7293	3.9500e-003	0.1130	0.0171	0.1300	0.0322	0.0157	0.0480	0.0000	335.0763	335.0763	2.5100e-003	0.0000	335.1291
Worker	0.1166	0.1687	1.7706	6.3100e-003	0.5148	4.0100e-003	0.5189	0.1367	3.7200e-003	0.1405	0.0000	398.9533	398.9533	0.0181	0.0000	399.3329
Total	0.2347	1.0310	3.4999	0.0103	0.6278	0.0211	0.6489	0.1690	0.0194	0.1884	0.0000	734.0296	734.0296	0.0206	0.0000	734.4619

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	0.0772	0.6859	0.6407	1.5800e-003		0.0327	0.0327		0.0305	0.0305	0.0000	137.7427	137.7427	0.0403	0.0000	138.5885
Total	0.0772	0.6859	0.6407	1.5800e-003		0.0327	0.0327		0.0305	0.0305	0.0000	137.7427	137.7427	0.0403	0.0000	138.5885

Mitigated Construction Off-Site

Vendor	0.5476	3.4273	8.3176	0.0196	0.5648	0.0843	0.6491	0.1612	0.0776	0.2388	0.0000	1,667.3271	1,667.3271	0.0113	0.0000	1,667.5647
Worker	0.5522	0.7940	8.3400	0.0316	2.5742	0.0200	2.5942	0.6837	0.0186	0.7022	0.0000	1,964.0293	1,964.0293	0.0868	0.0000	1,965.8526
Total	1.0997	4.2213	16.6576	0.0512	3.1390	0.1044	3.2433	0.8449	0.0962	0.9410	0.0000	3,631.3564	3,631.3564	0.0981	0.0000	3,633.4173

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	0.3630	3.1456	3.1741	7.9100e-003		0.1451	0.1451		0.1351	0.1351	0.0000	689.1564	689.1564	0.2011	0.0000	693.3790
Total	0.3630	3.1456	3.1741	7.9100e-003		0.1451	0.1451		0.1351	0.1351	0.0000	689.1564	689.1564	0.2011	0.0000	693.3790

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	0.5476	3.4273	8.3176	0.0196	0.5648	0.0843	0.6491	0.1612	0.0776	0.2388	0.0000	1,667.3271	1,667.3271	0.0113	0.0000	1,667.5647
Worker	0.5522	0.7940	8.3400	0.0316	2.5742	0.0200	2.5942	0.6837	0.0186	0.7022	0.0000	1,964.0293	1,964.0293	0.0868	0.0000	1,965.8526
Total	1.0997	4.2213	16.6576	0.0512	3.1390	0.1044	3.2433	0.8449	0.0962	0.9410	0.0000	3,631.3564	3,631.3564	0.0981	0.0000	3,633.4173

3.10 Demolition 3 - 2024

Unmitigated Construction On-Site

Off-Road	0.1753	1.5974	1.9944	3.0200e-003		0.0743	0.0743		0.0690	0.0690	0.0000	264.1766	264.1766	0.0757	0.0000	265.7652
Total	0.1753	1.5974	1.9944	3.0200e-003	1.1000e-004	0.0743	0.0744	2.0000e-005	0.0690	0.0690	0.0000	264.1766	264.1766	0.0757	0.0000	265.7652

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0000e-005	1.8000e-004	2.8000e-004	0.0000	3.0000e-005	1.0000e-005	3.0000e-005	1.0000e-005	1.0000e-005	1.0000e-005	0.0000	0.0932	0.0932	0.0000	0.0000	0.0933
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	2.9600e-003	4.2300e-003	0.0446	1.8000e-004	0.0145	1.1000e-004	0.0146	3.8500e-003	1.1000e-004	3.9500e-003	0.0000	10.9527	10.9527	4.8000e-004	0.0000	10.9627
Total	2.9800e-003	4.4100e-003	0.0449	1.8000e-004	0.0145	1.2000e-004	0.0146	3.8600e-003	1.2000e-004	3.9600e-003	0.0000	11.0459	11.0459	4.8000e-004	0.0000	11.0559

3.11 Grading 3 - 2025

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					0.6223	0.0000	0.6223	0.3310	0.0000	0.3310	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3660	3.3105	3.9606	7.3900e-003		0.1497	0.1497		0.1377	0.1377	0.0000	649.0507	649.0507	0.2099	0.0000	653.4589
Total	0.3660	3.3105	3.9606	7.3900e-003	0.6223	0.1497	0.7720	0.3310	0.1377	0.4687	0.0000	649.0507	649.0507	0.2099	0.0000	653.4589

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	0.0286	0.1274	0.6884	4.1000e-004	7.3500e-003	1.8200e-003	9.1700e-003	2.0300e-003	1.6700e-003	3.7000e-003	0.0000	33.8081	33.8081	4.9000e-004	0.0000	33.8184
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	5.9200e-003	8.4500e-003	0.0893	3.7000e-004	0.0304	2.4000e-004	0.0307	8.0800e-003	2.2000e-004	8.3000e-003	0.0000	22.7083	22.7083	9.7000e-004	0.0000	22.7286
Total	0.0345	0.1358	0.7777	7.8000e-004	0.0378	2.0600e-003	0.0398	0.0101	1.8900e-003	0.0120	0.0000	56.5164	56.5164	1.4600e-003	0.0000	56.5470

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					0.2306	0.0000	0.2306	0.1226	0.0000	0.1226	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3660	3.3105	3.9606	7.3900e-003		0.1497	0.1497		0.1377	0.1377	0.0000	649.0499	649.0499	0.2099	0.0000	653.4581
Total	0.3660	3.3105	3.9606	7.3900e-003	0.2306	0.1497	0.3803	0.1226	0.1377	0.2604	0.0000	649.0499	649.0499	0.2099	0.0000	653.4581

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	0.0286	0.1274	0.6884	4.1000e-004	7.3500e-003	1.8200e-003	9.1700e-003	2.0300e-003	1.6700e-003	3.7000e-003	0.0000	33.8081	33.8081	4.9000e-004	0.0000	33.8184

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	5.9200e-003	8.4500e-003	0.0893	3.7000e-004	0.0304	2.4000e-004	0.0307	8.0800e-003	2.2000e-004	8.3000e-003	0.0000	22.7083	22.7083	9.7000e-004	0.0000	22.7286
Total	0.0345	0.1358	0.7777	7.8000e-004	0.0378	2.0600e-003	0.0398	0.0101	1.8900e-003	0.0120	0.0000	56.5164	56.5164	1.4600e-003	0.0000	56.5470

3.12 Paving 3 - 2025

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	0.0192	0.1769	0.2607	4.5000e-004		8.4900e-003	8.4900e-003		7.8300e-003	7.8300e-003	0.0000	39.0470	39.0470	0.0125	0.0000	39.3098
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0192	0.1769	0.2607	4.5000e-004		8.4900e-003	8.4900e-003		7.8300e-003	7.8300e-003	0.0000	39.0470	39.0470	0.0125	0.0000	39.3098

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	6.1000e-004	8.8000e-004	9.2700e-003	4.0000e-005	3.1500e-003	2.0000e-005	3.1800e-003	8.4000e-004	2.0000e-005	8.6000e-004	0.0000	2.3552	2.3552	1.0000e-004	0.0000	2.3573
Total	6.1000e-004	8.8000e-004	9.2700e-003	4.0000e-005	3.1500e-003	2.0000e-005	3.1800e-003	8.4000e-004	2.0000e-005	8.6000e-004	0.0000	2.3552	2.3552	1.0000e-004	0.0000	2.3573

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	0.0192	0.1769	0.2607	4.5000e-004		8.4900e-003	8.4900e-003		7.8300e-003	7.8300e-003	0.0000	39.0470	39.0470	0.0125	0.0000	39.3098
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0192	0.1769	0.2607	4.5000e-004		8.4900e-003	8.4900e-003		7.8300e-003	7.8300e-003	0.0000	39.0470	39.0470	0.0125	0.0000	39.3098

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	6.1000e-004	8.8000e-004	9.2700e-003	4.0000e-005	3.1500e-003	2.0000e-005	3.1800e-003	8.4000e-004	2.0000e-005	8.6000e-004	0.0000	2.3552	2.3552	1.0000e-004	0.0000	2.3573
Total	6.1000e-004	8.8000e-004	9.2700e-003	4.0000e-005	3.1500e-003	2.0000e-005	3.1800e-003	8.4000e-004	2.0000e-005	8.6000e-004	0.0000	2.3552	2.3552	1.0000e-004	0.0000	2.3573

3.12 Paving 3 - 2026

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	0.1463	1.3460	1.9839	3.4000e-003		0.0646	0.0646		0.0596	0.0596	0.0000	297.0967	297.0967	0.0952	0.0000	299.0965

Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1463	1.3460	1.9839	3.4000e-003		0.0646	0.0646		0.0596	0.0596	0.0000	297.0967	297.0967	0.0952	0.0000	299.0965

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	4.4700e-003	6.3700e-003	0.0675	3.0000e-004	0.0240	1.9000e-004	0.0242	6.3700e-003	1.8000e-004	6.5500e-003	0.0000	17.7191	17.7191	7.4000e-004	0.0000	17.7347
Total	4.4700e-003	6.3700e-003	0.0675	3.0000e-004	0.0240	1.9000e-004	0.0242	6.3700e-003	1.8000e-004	6.5500e-003	0.0000	17.7191	17.7191	7.4000e-004	0.0000	17.7347

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	0.1463	1.3460	1.9839	3.4000e-003		0.0646	0.0646		0.0596	0.0596	0.0000	297.0964	297.0964	0.0952	0.0000	299.0962
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1463	1.3460	1.9839	3.4000e-003		0.0646	0.0646		0.0596	0.0596	0.0000	297.0964	297.0964	0.0952	0.0000	299.0962

Mitigated Construction Off-Site

Vendor	0.5558	3.5676	8.5343	0.0214	0.6136	0.0882	0.7018	0.1752	0.0812	0.2563	0.0000	1,815.8612	1,815.8612	0.0121	0.0000	1,816.1162
Worker	0.5208	0.7421	7.8685	0.0345	2.7965	0.0222	2.8187	0.7427	0.0206	0.7633	0.0000	2,064.6834	2,064.6834	0.0864	0.0000	2,066.4971
Total	1.0766	4.3097	16.4028	0.0558	3.4101	0.1104	3.5206	0.9179	0.1018	1.0196	0.0000	3,880.5446	3,880.5446	0.0985	0.0000	3,882.6133

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	0.3584	2.9443	3.4032	8.6000e-003		0.1261	0.1261		0.1173	0.1173	0.0000	748.9541	748.9541	0.2177	0.0000	753.5267
Total	0.3584	2.9443	3.4032	8.6000e-003		0.1261	0.1261		0.1173	0.1173	0.0000	748.9541	748.9541	0.2177	0.0000	753.5267

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	0.5558	3.5676	8.5343	0.0214	0.6136	0.0882	0.7018	0.1752	0.0812	0.2563	0.0000	1,815.8612	1,815.8612	0.0121	0.0000	1,816.1162
Worker	0.5208	0.7421	7.8685	0.0345	2.7965	0.0222	2.8187	0.7427	0.0206	0.7633	0.0000	2,064.6834	2,064.6834	0.0864	0.0000	2,066.4971
Total	1.0766	4.3097	16.4028	0.0558	3.4101	0.1104	3.5206	0.9179	0.1018	1.0196	0.0000	3,880.5446	3,880.5446	0.0985	0.0000	3,882.6133

3.13 Building Construction 3 - 2027

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	0.0375	0.3080	0.3560	9.0000e-004		0.0132	0.0132		0.0123	0.0123	0.0000	78.3426	78.3426	0.0228	0.0000	78.8209
Total	0.0375	0.3080	0.3560	9.0000e-004		0.0132	0.0132		0.0123	0.0123	0.0000	78.3426	78.3426	0.0228	0.0000	78.8209

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	0.0575	0.3702	0.8839	2.2400e-003	0.0642	9.2500e-003	0.0734	0.0183	8.5100e-003	0.0268	0.0000	189.9536	189.9536	1.2700e-003	0.0000	189.9803
Worker	0.0522	0.0744	0.7910	3.6000e-003	0.2925	2.3300e-003	0.2949	0.0777	2.1600e-003	0.0799	0.0000	213.8345	213.8345	8.8000e-003	0.0000	214.0193
Total	0.1097	0.4446	1.6749	5.8400e-003	0.3567	0.0116	0.3683	0.0960	0.0107	0.1067	0.0000	403.7881	403.7881	0.0101	0.0000	403.9995

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	0.0375	0.3080	0.3560	9.0000e-004		0.0132	0.0132		0.0123	0.0123	0.0000	78.3425	78.3425	0.0228	0.0000	78.8208

Total	0.0375	0.3080	0.3560	9.0000e-004		0.0132	0.0132		0.0123	0.0123	0.0000	78.3425	78.3425	0.0228	0.0000	78.8208
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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	0.0575	0.3702	0.8839	2.2400e-003	0.0642	9.2500e-003	0.0734	0.0183	8.5100e-003	0.0268	0.0000	189.9536	189.9536	1.2700e-003	0.0000	189.9803
Worker	0.0522	0.0744	0.7910	3.6000e-003	0.2925	2.3300e-003	0.2949	0.0777	2.1600e-003	0.0799	0.0000	213.8345	213.8345	8.8000e-003	0.0000	214.0193
Total	0.1097	0.4446	1.6749	5.8400e-003	0.3567	0.0116	0.3683	0.0960	0.0107	0.1067	0.0000	403.7881	403.7881	0.0101	0.0000	403.9995

3.14 Demolition 4 - 2026

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					3.1000e-004	0.0000	3.1000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1583	1.3813	1.8739	3.0200e-003		0.0624	0.0624		0.0579	0.0579	0.0000	264.1375	264.1375	0.0755	0.0000	265.7233
Total	0.1583	1.3813	1.8739	3.0200e-003	3.1000e-004	0.0624	0.0627	5.0000e-005	0.0579	0.0580	0.0000	264.1375	264.1375	0.0755	0.0000	265.7233

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0000e-005	1.7000e-004	2.7000e-004	0.0000	3.0000e-005	1.0000e-005	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0932	0.0932	0.0000	0.0000	0.0932
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	2.7000e-003	3.8400e-003	0.0408	1.8000e-004	0.0145	1.1000e-004	0.0146	3.8500e-003	1.1000e-004	3.9500e-003	0.0000	10.6922	10.6922	4.5000e-004	0.0000	10.7016
Total	2.7200e-003	4.0100e-003	0.0410	1.8000e-004	0.0145	1.2000e-004	0.0146	3.8600e-003	1.1000e-004	3.9600e-003	0.0000	10.7855	10.7855	4.5000e-004	0.0000	10.7949

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					1.1000e-004	0.0000	1.1000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1583	1.3813	1.8739	3.0200e-003		0.0624	0.0624		0.0579	0.0579	0.0000	264.1372	264.1372	0.0755	0.0000	265.7230
Total	0.1583	1.3813	1.8739	3.0200e-003	1.1000e-004	0.0624	0.0625	2.0000e-005	0.0579	0.0579	0.0000	264.1372	264.1372	0.0755	0.0000	265.7230

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0000e-005	1.7000e-004	2.7000e-004	0.0000	3.0000e-005	1.0000e-005	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0932	0.0932	0.0000	0.0000	0.0932

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	2.7000e-003	3.8400e-003	0.0408	1.8000e-004	0.0145	1.1000e-004	0.0146	3.8500e-003	1.1000e-004	3.9500e-003	0.0000	10.6922	10.6922	4.5000e-004	0.0000	10.7016
Total	2.7200e-003	4.0100e-003	0.0410	1.8000e-004	0.0145	1.2000e-004	0.0146	3.8600e-003	1.1000e-004	3.9600e-003	0.0000	10.7855	10.7855	4.5000e-004	0.0000	10.7949

3.15 Grading 4 - 2027

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					0.4086	0.0000	0.4086	0.2197	0.0000	0.2197	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2440	2.2070	2.6404	4.9300e-003		0.0998	0.0998		0.0918	0.0918	0.0000	432.7005	432.7005	0.1399	0.0000	435.6393
Total	0.2440	2.2070	2.6404	4.9300e-003	0.4086	0.0998	0.5084	0.2197	0.0918	0.3115	0.0000	432.7005	432.7005	0.1399	0.0000	435.6393

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	3.6200e-003	5.1600e-003	0.0548	2.5000e-004	0.0203	1.6000e-004	0.0204	5.3800e-003	1.5000e-004	5.5300e-003	0.0000	14.8211	14.8211	6.1000e-004	0.0000	14.8339
Total	3.6200e-003	5.1600e-003	0.0548	2.5000e-004	0.0203	1.6000e-004	0.0204	5.3800e-003	1.5000e-004	5.5300e-003	0.0000	14.8211	14.8211	6.1000e-004	0.0000	14.8339

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					0.1514	0.0000	0.1514	0.0814	0.0000	0.0814	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2440	2.2070	2.6404	4.9300e-003		0.0998	0.0998		0.0918	0.0918	0.0000	432.6999	432.6999	0.1399	0.0000	435.6388
Total	0.2440	2.2070	2.6404	4.9300e-003	0.1514	0.0998	0.2512	0.0814	0.0918	0.1732	0.0000	432.6999	432.6999	0.1399	0.0000	435.6388

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	3.6200e-003	5.1600e-003	0.0548	2.5000e-004	0.0203	1.6000e-004	0.0204	5.3800e-003	1.5000e-004	5.5300e-003	0.0000	14.8211	14.8211	6.1000e-004	0.0000	14.8339
Total	3.6200e-003	5.1600e-003	0.0548	2.5000e-004	0.0203	1.6000e-004	0.0204	5.3800e-003	1.5000e-004	5.5300e-003	0.0000	14.8211	14.8211	6.1000e-004	0.0000	14.8339

3.16 Paving 4 - 2027

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	0.0919	0.8460	1.2470	2.1400e-003		0.0406	0.0406		0.0374	0.0374	0.0000	186.7465	186.7465	0.0599	0.0000	188.0035

Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0919	0.8460	1.2470	2.1400e-003		0.0406	0.0406		0.0374	0.0374	0.0000	186.7465	186.7465	0.0599	0.0000	188.0035

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	2.6900e-003	3.8400e-003	0.0408	1.9000e-004	0.0151	1.2000e-004	0.0152	4.0100e-003	1.1000e-004	4.1200e-003	0.0000	11.0276	11.0276	4.5000e-004	0.0000	11.0371
Total	2.6900e-003	3.8400e-003	0.0408	1.9000e-004	0.0151	1.2000e-004	0.0152	4.0100e-003	1.1000e-004	4.1200e-003	0.0000	11.0276	11.0276	4.5000e-004	0.0000	11.0371

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	0.0919	0.8460	1.2470	2.1400e-003		0.0406	0.0406		0.0374	0.0374	0.0000	186.7463	186.7463	0.0599	0.0000	188.0033
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0919	0.8460	1.2470	2.1400e-003		0.0406	0.0406		0.0374	0.0374	0.0000	186.7463	186.7463	0.0599	0.0000	188.0033

Mitigated Construction Off-Site

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	5.2000e-004	7.4000e-004	7.8700e-003	4.0000e-005	3.0200e-003	2.0000e-005	3.0400e-003	8.0000e-004	2.0000e-005	8.2000e-004	0.0000	2.1865	2.1865	9.0000e-005	0.0000	2.1884
Total	5.2000e-004	7.4000e-004	7.8700e-003	4.0000e-005	3.0200e-003	2.0000e-005	3.0400e-003	8.0000e-004	2.0000e-005	8.2000e-004	0.0000	2.1865	2.1865	9.0000e-005	0.0000	2.1884

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	0.0184	0.1692	0.2494	4.3000e-004		8.1300e-003	8.1300e-003		7.4900e-003	7.4900e-003	0.0000	37.3493	37.3493	0.0120	0.0000	37.6007
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0184	0.1692	0.2494	4.3000e-004		8.1300e-003	8.1300e-003		7.4900e-003	7.4900e-003	0.0000	37.3493	37.3493	0.0120	0.0000	37.6007

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	5.2000e-004	7.4000e-004	7.8700e-003	4.0000e-005	3.0200e-003	2.0000e-005	3.0400e-003	8.0000e-004	2.0000e-005	8.2000e-004	0.0000	2.1865	2.1865	9.0000e-005	0.0000	2.1884
Total	5.2000e-004	7.4000e-004	7.8700e-003	4.0000e-005	3.0200e-003	2.0000e-005	3.0400e-003	8.0000e-004	2.0000e-005	8.2000e-004	0.0000	2.1865	2.1865	9.0000e-005	0.0000	2.1884

3.17 Building Construction 4 - 2028

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	0.1290	1.0595	1.2246	3.0900e-003		0.0454	0.0454		0.0422	0.0422	0.0000	269.4985	269.4985	0.0784	0.0000	271.1438
Total	0.1290	1.0595	1.2246	3.0900e-003		0.0454	0.0454		0.0422	0.0422	0.0000	269.4985	269.4985	0.0784	0.0000	271.1438

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	0.1954	1.2614	3.0133	7.6900e-003	0.2208	0.0316	0.2524	0.0630	0.0291	0.0921	0.0000	653.4329	653.4329	4.3600e-003	0.0000	653.5244
Worker	0.1723	0.2459	2.6250	0.0124	1.0063	8.0600e-003	1.0143	0.2672	7.4800e-003	0.2747	0.0000	729.2579	729.2579	0.0296	0.0000	729.8783
Total	0.3676	1.5073	5.6383	0.0201	1.2271	0.0397	1.2668	0.3303	0.0366	0.3669	0.0000	1,382.6907	1,382.6907	0.0339	0.0000	1,383.4027

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	0.1290	1.0595	1.2246	3.0900e-003		0.0454	0.0454		0.0422	0.0422	0.0000	269.4981	269.4981	0.0784	0.0000	271.1435

Total	0.1290	1.0595	1.2246	3.0900e-003		0.0454	0.0454		0.0422	0.0422	0.0000	269.4981	269.4981	0.0784	0.0000	271.1435
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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	0.1954	1.2614	3.0133	7.6900e-003	0.2208	0.0316	0.2524	0.0630	0.0291	0.0921	0.0000	653.4329	653.4329	4.3600e-003	0.0000	653.5244
Worker	0.1723	0.2459	2.6250	0.0124	1.0063	8.0600e-003	1.0143	0.2672	7.4800e-003	0.2747	0.0000	729.2579	729.2579	0.0296	0.0000	729.8783
Total	0.3676	1.5073	5.6383	0.0201	1.2271	0.0397	1.2668	0.3303	0.0366	0.3669	0.0000	1,382.6907	1,382.6907	0.0339	0.0000	1,383.4027

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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	0.2669	2.1928	2.5346	6.4000e-003		0.0939	0.0939		0.0874	0.0874	0.0000	557.7991	557.7991	0.1622	0.0000	561.2046
Total	0.2669	2.1928	2.5346	6.4000e-003		0.0939	0.0939		0.0874	0.0874	0.0000	557.7991	557.7991	0.1622	0.0000	561.2046

Unmitigated Construction Off-Site

Vendor	0.3999	2.5982	6.1736	0.0159	0.4571	0.0656	0.5226	0.1305	0.0603	0.1908	0.0000	1,352.4759	1,352.4759	9.0300e-003	0.0000	1,352.6656
Worker	0.3416	0.4887	5.2378	0.0256	2.0828	0.0167	2.0995	0.5531	0.0155	0.5686	0.0000	1,498.0332	1,498.0332	0.0597	0.0000	1,499.2869
Total	0.7415	3.0869	11.4114	0.0416	2.5398	0.0823	2.6221	0.6836	0.0758	0.7594	0.0000	2,850.5091	2,850.5091	0.0687	0.0000	2,851.9524

3.18 Demolition 5 - 2029

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					3.1000e-004	0.0000	3.1000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2374	2.0719	2.8109	4.5200e-003		0.0936	0.0936		0.0869	0.0869	0.0000	396.2063	396.2063	0.1133	0.0000	398.5849
Total	0.2374	2.0719	2.8109	4.5200e-003	3.1000e-004	0.0936	0.0939	5.0000e-005	0.0869	0.0869	0.0000	396.2063	396.2063	0.1133	0.0000	398.5849

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0000e-005	1.7000e-004	2.7000e-004	0.0000	3.0000e-005	1.0000e-005	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0932	0.0932	0.0000	0.0000	0.0932
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	3.5600e-003	5.1000e-003	0.0546	2.7000e-004	0.0217	1.7000e-004	0.0219	5.7700e-003	1.6000e-004	5.9300e-003	0.0000	15.6245	15.6245	6.2000e-004	0.0000	15.6376
Total	3.5800e-003	5.2700e-003	0.0549	2.7000e-004	0.0218	1.8000e-004	0.0219	5.7800e-003	1.6000e-004	5.9400e-003	0.0000	15.7177	15.7177	6.2000e-004	0.0000	15.7308

Mitigated Construction On-Site

Off-Road	0.1220	1.1035	1.3202	2.4600e-003		0.0499	0.0499		0.0459	0.0459	0.0000	216.3502	216.3502	0.0700	0.0000	217.8196
Total	0.1220	1.1035	1.3202	2.4600e-003	0.2024	0.0499	0.2523	0.1096	0.0459	0.1556	0.0000	216.3502	216.3502	0.0700	0.0000	217.8196

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6600e-003	2.3800e-003	0.0255	1.2000e-004	0.0101	8.0000e-005	0.0102	2.6900e-003	8.0000e-005	2.7700e-003	0.0000	7.2914	7.2914	2.9000e-004	0.0000	7.2975
Total	1.6600e-003	2.3800e-003	0.0255	1.2000e-004	0.0101	8.0000e-005	0.0102	2.6900e-003	8.0000e-005	2.7700e-003	0.0000	7.2914	7.2914	2.9000e-004	0.0000	7.2975

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					0.0750	0.0000	0.0750	0.0406	0.0000	0.0406	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1220	1.1035	1.3202	2.4600e-003		0.0499	0.0499		0.0459	0.0459	0.0000	216.3500	216.3500	0.0700	0.0000	217.8194
Total	0.1220	1.1035	1.3202	2.4600e-003	0.0750	0.0499	0.1249	0.0406	0.0459	0.0865	0.0000	216.3500	216.3500	0.0700	0.0000	217.8194

Mitigated Construction Off-Site

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2700e-003	6.1200e-003	0.0660	3.3000e-004	0.0272	2.2000e-004	0.0274	7.2100e-003	2.0000e-004	7.4100e-003	0.0000	19.4032	19.4032	7.6000e-004	0.0000	19.4192
Total	4.2700e-003	6.1200e-003	0.0660	3.3000e-004	0.0272	2.2000e-004	0.0274	7.2100e-003	2.0000e-004	7.4100e-003	0.0000	19.4032	19.4032	7.6000e-004	0.0000	19.4192

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	0.2088	1.0277	2.3495	4.5700e-003		0.0433	0.0433		0.0433	0.0433	0.0000	402.7877	402.7877	0.0170	0.0000	403.1436
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.2088	1.0277	2.3495	4.5700e-003		0.0433	0.0433		0.0433	0.0433	0.0000	402.7877	402.7877	0.0170	0.0000	403.1436

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	4.2700e-003	6.1200e-003	0.0660	3.3000e-004	0.0272	2.2000e-004	0.0274	7.2100e-003	2.0000e-004	7.4100e-003	0.0000	19.4032	19.4032	7.6000e-004	0.0000	19.4192
Total	4.2700e-003	6.1200e-003	0.0660	3.3000e-004	0.0272	2.2000e-004	0.0274	7.2100e-003	2.0000e-004	7.4100e-003	0.0000	19.4032	19.4032	7.6000e-004	0.0000	19.4192

3.21 Building Construction 5 - 2031

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	0.4185	1.7829	3.6467	0.0104		0.0500	0.0500		0.0500	0.0500	0.0000	961.4123	961.4123	0.0335	0.0000	962.1160
Total	0.4185	1.7829	3.6467	0.0104		0.0500	0.0500		0.0500	0.0500	0.0000	961.4123	961.4123	0.0335	0.0000	962.1160

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	0.5774	3.7835	8.9428	0.0234	0.6702	0.0955	0.7657	0.1913	0.0879	0.2792	0.0000	1,985.0213	1,985.0213	0.0134	0.0000	1,985.3016
Worker	0.4600	0.6621	7.2107	0.0376	3.0539	0.0246	3.0785	0.8111	0.0228	0.8338	0.0000	2,172.5346	2,172.5346	0.0840	0.0000	2,174.2982
Total	1.0374	4.4455	16.1535	0.0610	3.7242	0.1201	3.8442	1.0024	0.1107	1.1130	0.0000	4,157.5559	4,157.5559	0.0973	0.0000	4,159.5998

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	0.4185	1.7829	3.6467	0.0104		0.0500	0.0500		0.0500	0.0500	0.0000	961.4112	961.4112	0.0335	0.0000	962.1148

Total	0.4185	1.7829	3.6467	0.0104		0.0500	0.0500		0.0500	0.0500	0.0000	961.4112	961.4112	0.0335	0.0000	962.1148
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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	0.5774	3.7835	8.9428	0.0234	0.6702	0.0955	0.7657	0.1913	0.0879	0.2792	0.0000	1,985.0213	1,985.0213	0.0134	0.0000	1,985.3016
Worker	0.4600	0.6621	7.2107	0.0376	3.0539	0.0246	3.0785	0.8111	0.0228	0.8338	0.0000	2,172.5346	2,172.5346	0.0840	0.0000	2,174.2982
Total	1.0374	4.4455	16.1535	0.0610	3.7242	0.1201	3.8442	1.0024	0.1107	1.1130	0.0000	4,157.5559	4,157.5559	0.0973	0.0000	4,159.5998

3.21 Building Construction 5 - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.8100e-003	0.0205	0.0419	1.2000e-004		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004	0.0000	11.0507	11.0507	3.9000e-004	0.0000	11.0588
Total	4.8100e-003	0.0205	0.0419	1.2000e-004		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004	0.0000	11.0507	11.0507	3.9000e-004	0.0000	11.0588

Unmitigated Construction Off-Site

Vendor	6.6000e-003	0.0434	0.1025	2.7000e-004	7.7000e-003	1.1000e-003	8.8000e-003	2.2000e-003	1.0100e-003	3.2100e-003	0.0000	22.8183	22.8183	1.5000e-004	0.0000	22.8215
Worker	5.0500e-003	7.3400e-003	0.0805	4.3000e-004	0.0351	2.8000e-004	0.0354	9.3200e-003	2.6000e-004	9.5800e-003	0.0000	24.8530	24.8530	9.5000e-004	0.0000	24.8728
Total	0.0117	0.0507	0.1830	7.0000e-004	0.0428	1.3800e-003	0.0442	0.0115	1.2700e-003	0.0128	0.0000	47.6712	47.6712	1.1000e-003	0.0000	47.6943

3.22 Demolition 6 - 2032

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					3.1000e-004	0.0000	3.1000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2391	1.1373	2.3678	5.0300e-003		0.0393	0.0393		0.0393	0.0393	0.0000	462.7854	462.7854	0.0194	0.0000	463.1923
Total	0.2391	1.1373	2.3678	5.0300e-003	3.1000e-004	0.0393	0.0396	5.0000e-005	0.0393	0.0394	0.0000	462.7854	462.7854	0.0194	0.0000	463.1923

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0000e-005	1.6000e-004	2.7000e-004	0.0000	3.0000e-005	1.0000e-005	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0933	0.0933	0.0000	0.0000	0.0933
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	3.1200e-003	4.5400e-003	0.0498	2.7000e-004	0.0217	1.7000e-004	0.0219	5.7700e-003	1.6000e-004	5.9300e-003	0.0000	15.3802	15.3802	5.9000e-004	0.0000	15.3925
Total	3.1400e-003	4.7000e-003	0.0501	2.7000e-004	0.0218	1.8000e-004	0.0219	5.7800e-003	1.6000e-004	5.9400e-003	0.0000	15.4735	15.4735	5.9000e-004	0.0000	15.4858

Mitigated Construction On-Site

Off-Road	0.2617	1.1128	2.2967	5.5100e-003		0.0420	0.0420		0.0420	0.0420	0.0000	518.1110	518.1110	0.0212	0.0000	518.5551
Total	0.2617	1.1128	2.2967	5.5100e-003	0.3991	0.0420	0.4411	0.2187	0.0420	0.2607	0.0000	518.1110	518.1110	0.0212	0.0000	518.5551

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	2.7900e-003	4.1100e-003	0.0454	2.5000e-004	0.0203	1.6000e-004	0.0204	5.3800e-003	1.5000e-004	5.5400e-003	0.0000	14.2972	14.2972	5.4000e-004	0.0000	14.3085
Total	2.7900e-003	4.1100e-003	0.0454	2.5000e-004	0.0203	1.6000e-004	0.0204	5.3800e-003	1.5000e-004	5.5400e-003	0.0000	14.2972	14.2972	5.4000e-004	0.0000	14.3085

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					0.1479	0.0000	0.1479	0.0810	0.0000	0.0810	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2617	1.1128	2.2967	5.5100e-003		0.0420	0.0420		0.0420	0.0420	0.0000	518.1104	518.1104	0.0212	0.0000	518.5544
Total	0.2617	1.1128	2.2967	5.5100e-003	0.1479	0.0420	0.1899	0.0810	0.0420	0.1230	0.0000	518.1104	518.1104	0.0212	0.0000	518.5544

Mitigated Construction Off-Site

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	2.4800e-003	3.6400e-003	0.0402	2.2000e-004	0.0180	1.4000e-004	0.0181	4.7700e-003	1.3000e-004	4.9000e-003	0.0000	12.6687	12.6687	4.8000e-004	0.0000	12.6787
Total	2.4800e-003	3.6400e-003	0.0402	2.2000e-004	0.0180	1.4000e-004	0.0181	4.7700e-003	1.3000e-004	4.9000e-003	0.0000	12.6687	12.6687	4.8000e-004	0.0000	12.6787

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	0.1381	0.6799	1.5544	3.0300e-003		0.0287	0.0287		0.0287	0.0287	0.0000	266.4908	266.4908	0.0112	0.0000	266.7263
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1381	0.6799	1.5544	3.0300e-003		0.0287	0.0287		0.0287	0.0287	0.0000	266.4908	266.4908	0.0112	0.0000	266.7263

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	2.4800e-003	3.6400e-003	0.0402	2.2000e-004	0.0180	1.4000e-004	0.0181	4.7700e-003	1.3000e-004	4.9000e-003	0.0000	12.6687	12.6687	4.8000e-004	0.0000	12.6787
Total	2.4800e-003	3.6400e-003	0.0402	2.2000e-004	0.0180	1.4000e-004	0.0181	4.7700e-003	1.3000e-004	4.9000e-003	0.0000	12.6687	12.6687	4.8000e-004	0.0000	12.6787

3.24 Paving 6 - 2034

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	1.0500e-003	5.1900e-003	0.0119	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004	0.0000	2.0343	2.0343	9.0000e-005	0.0000	2.0361
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.0500e-003	5.1900e-003	0.0119	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004	0.0000	2.0343	2.0343	9.0000e-005	0.0000	2.0361

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	3.0000e-005	3.0000e-004	0.0000	1.4000e-004	0.0000	1.4000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.0964	0.0964	0.0000	0.0000	0.0965
Total	2.0000e-005	3.0000e-005	3.0000e-004	0.0000	1.4000e-004	0.0000	1.4000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.0964	0.0964	0.0000	0.0000	0.0965

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.0500e-003	5.1900e-003	0.0119	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004	0.0000	2.0343	2.0343	9.0000e-005	0.0000	2.0361

Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.0500e-003	5.1900e-003	0.0119	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004	0.0000	2.0343	2.0343	9.0000e-005	0.0000	2.0361

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	3.0000e-005	3.0000e-004	0.0000	1.4000e-004	0.0000	1.4000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.0964	0.0964	0.0000	0.0000	0.0965
Total	2.0000e-005	3.0000e-005	3.0000e-004	0.0000	1.4000e-004	0.0000	1.4000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.0964	0.0964	0.0000	0.0000	0.0965

3.25 Building Construction 6 - 2034

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	0.3495	1.4892	3.0459	8.6600e-003		0.0418	0.0418		0.0418	0.0418	0.0000	803.0187	803.0187	0.0280	0.0000	803.6064
Total	0.3495	1.4892	3.0459	8.6600e-003		0.0418	0.0418		0.0418	0.0418	0.0000	803.0187	803.0187	0.0280	0.0000	803.6064

Unmitigated Construction Off-Site

Vendor	0.4742	3.1323	7.4084	0.0195	0.5599	0.0802	0.6400	0.1598	0.0737	0.2336	0.0000	1,658.2570	1,658.2570	0.0112	0.0000	1,658.4919
Worker	0.3379	0.5031	5.5723	0.0314	2.5508	0.0204	2.5712	0.6774	0.0189	0.6963	0.0000	1,792.5094	1,792.5094	0.0664	0.0000	1,793.9040
Total	0.8121	3.6354	12.9807	0.0509	3.1107	0.1005	3.2112	0.8373	0.0926	0.9299	0.0000	3,450.7663	3,450.7663	0.0776	0.0000	3,452.3959

3.25 Building Construction 6 - 2035

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	0.0687	0.2664	0.6410	1.8300e-003		5.8200e-003	5.8200e-003		5.8200e-003	5.8200e-003	0.0000	169.4443	169.4443	5.4800e-003	0.0000	169.5593
Total	0.0687	0.2664	0.6410	1.8300e-003		5.8200e-003	5.8200e-003		5.8200e-003	5.8200e-003	0.0000	169.4443	169.4443	5.4800e-003	0.0000	169.5593

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	0.0996	0.6595	1.5602	4.1200e-003	0.1181	0.0169	0.1351	0.0337	0.0156	0.0493	0.0000	349.9204	349.9204	2.3600e-003	0.0000	349.9700
Worker	0.0689	0.1041	1.1523	6.6300e-003	0.5382	4.2800e-003	0.5425	0.1429	3.9700e-003	0.1469	0.0000	377.1453	377.1453	0.0138	0.0000	377.4353
Total	0.1685	0.7636	2.7125	0.0108	0.6564	0.0212	0.6776	0.1767	0.0196	0.1962	0.0000	727.0657	727.0657	0.0162	0.0000	727.4053

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	0.0687	0.2664	0.6410	1.8300e-003		5.8200e-003	5.8200e-003		5.8200e-003	5.8200e-003	0.0000	169.4441	169.4441	5.4800e-003	0.0000	169.5591
Total	0.0687	0.2664	0.6410	1.8300e-003		5.8200e-003	5.8200e-003		5.8200e-003	5.8200e-003	0.0000	169.4441	169.4441	5.4800e-003	0.0000	169.5591

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	0.0996	0.6595	1.5602	4.1200e-003	0.1181	0.0169	0.1351	0.0337	0.0156	0.0493	0.0000	349.9204	349.9204	2.3600e-003	0.0000	349.9700
Worker	0.0689	0.1041	1.1523	6.6300e-003	0.5382	4.2800e-003	0.5425	0.1429	3.9700e-003	0.1469	0.0000	377.1453	377.1453	0.0138	0.0000	377.4353
Total	0.1685	0.7636	2.7125	0.0108	0.6564	0.0212	0.6776	0.1767	0.0196	0.1962	0.0000	727.0657	727.0657	0.0162	0.0000	727.4053

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Diversity

Increase Transit Accessibility

Improve Pedestrian Network

	ROG	NOx	CO	SO2	Fugitive 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	1.9010	4.0010	18.8692	0.0709	4.6729	0.0975	4.7705	1.2510	0.0900	1.3411	0.0000	4,631.5724	4,631.5724	0.1328	0.0000	4,634.3603
Unmitigated	1.9625	4.3972	20.3537	0.0801	5.2981	0.1091	5.4072	1.4184	0.1007	1.5191	0.0000	5,227.1205	5,227.1205	0.1489	0.0000	5,230.2470

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Arena	163.58	0.00	0.00	252,206	222,445
Arena	817.90	0.00	0.00	1,261,028	1,112,226
Arena	150.49	0.00	0.00	232,029	204,650
City Park	169.56	9.54	9.54	356,355	314,305
City Park	2,670.57	150.26	150.26	5,612,584	4,950,299
Government (Civic Center)	444.03	0.00	0.00	979,452	863,877
Health Club	903.00	438.27	561.33	1,684,924	1,486,103
Racquet Club	676.00	417.40	534.60	1,262,000	1,113,084
Recreational Swimming Pool	1,092.02	529.89	678.67	2,320,237	2,046,449
Total	7,087.16	1,545.35	1,934.40	13,960,814	12,313,438

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Arena	16.60	8.40	6.90	0.00	81.00	19.00	66	28	6
Arena	16.60	8.40	6.90	0.00	81.00	19.00	66	28	6
Arena	16.60	8.40	6.90	0.00	81.00	19.00	66	28	6
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Government (Civic Center)	16.60	8.40	6.90	75.00	20.00	5.00	50	34	16
Health Club	16.60	8.40	6.90	16.90	64.10	19.00	52	39	9
Racquet Club	16.60	8.40	6.90	11.50	69.50	19.00	52	39	9
Recreational Swimming Pool	16.60	8.40	6.90	33.00	48.00	19.00	52	39	9

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.491224	0.060821	0.184988	0.143129	0.045158	0.007219	0.016964	0.038507	0.002073	0.002552	0.004110	0.000541	0.002713

5.0 Energy Detail

4.4 Fleet Mix

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	4,647.6397	4,647.6397	0.1098	0.0227	4,656.9851
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	4,647.6397	4,647.6397	0.1098	0.0227	4,656.9851
NaturalGas Mitigated	0.0677	0.6153	0.5169	3.6900e-003		0.0468	0.0468		0.0468	0.0468	0.0000	669.8230	669.8230	0.0128	0.0123	673.8994
NaturalGas Unmitigated	0.0677	0.6153	0.5169	3.6900e-003		0.0468	0.0468		0.0468	0.0468	0.0000	669.8230	669.8230	0.0128	0.0123	673.8994

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					
Arena	1.50763e+006	8.1300e-003	0.0739	0.0621	4.4000e-004		5.6200e-003	5.6200e-003		5.6200e-003	5.6200e-003	0.0000	80.4528	80.4528	1.5400e-003	1.4700e-003	80.9425

Arena	1.63873e+006	8.8400e-003	0.0803	0.0675	4.8000e-004	6.1100e-003	6.1100e-003	6.1100e-003	6.1100e-003	0.0000	87.4487	87.4487	1.6800e-003	1.6000e-003	87.9809
Arena	8.19364e+006	0.0442	0.4017	0.3374	2.4100e-003	0.0305	0.0305	0.0305	0.0305	0.0000	437.2436	437.2436	8.3800e-003	8.0200e-003	439.9046
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	0.0000
Government (Civic Center)	440807	2.3800e-003	0.0216	0.0182	1.3000e-004	1.6400e-003	1.6400e-003	1.6400e-003	1.6400e-003	0.0000	23.5231	23.5231	4.5000e-004	4.3000e-004	23.6663
Health Club	395010	2.1300e-003	0.0194	0.0163	1.2000e-004	1.4700e-003	1.4700e-003	1.4700e-003	1.4700e-003	0.0000	21.0792	21.0792	4.0000e-004	3.9000e-004	21.2075
Racquet Club	376200	2.0300e-003	0.0184	0.0155	1.1000e-004	1.4000e-003	1.4000e-003	1.4000e-003	1.4000e-003	0.0000	20.0755	20.0755	3.8000e-004	3.7000e-004	20.1976
Recreational Swimming Pool	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		0.0677	0.6153	0.5169	3.6900e-003	0.0468	0.0468	0.0468	0.0468	0.0000	669.8230	669.8230	0.0128	0.0123	673.8994

Mitigated

	Natural Gas 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					
Arena	8.19364e+006	0.0442	0.4017	0.3374	2.4100e-003	0.0305	0.0305	0.0305	0.0305	0.0305	0.0305	0.0000	437.2436	437.2436	8.3800e-003	8.0200e-003	439.9046
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	0.0000	0.0000	0.0000
Government (Civic Center)	440807	2.3800e-003	0.0216	0.0182	1.3000e-004	1.6400e-003	1.6400e-003	1.6400e-003	1.6400e-003	1.6400e-003	1.6400e-003	0.0000	23.5231	23.5231	4.5000e-004	4.3000e-004	23.6663
Health Club	395010	2.1300e-003	0.0194	0.0163	1.2000e-004	1.4700e-003	1.4700e-003	1.4700e-003	1.4700e-003	1.4700e-003	1.4700e-003	0.0000	21.0792	21.0792	4.0000e-004	3.9000e-004	21.2075
Racquet Club	376200	2.0300e-003	0.0184	0.0155	1.1000e-004	1.4000e-003	1.4000e-003	1.4000e-003	1.4000e-003	1.4000e-003	1.4000e-003	0.0000	20.0755	20.0755	3.8000e-004	3.7000e-004	20.1976
Recreational Swimming Pool	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	0.0000	0.0000
Arena	1.50763e+006	8.1300e-003	0.0739	0.0621	4.4000e-004	5.6200e-003	5.6200e-003	5.6200e-003	5.6200e-003	5.6200e-003	5.6200e-003	0.0000	80.4528	80.4528	1.5400e-003	1.4700e-003	80.9425
Arena	1.63873e+006	8.8400e-003	0.0803	0.0675	4.8000e-004	6.1100e-003	6.1100e-003	6.1100e-003	6.1100e-003	6.1100e-003	6.1100e-003	0.0000	87.4487	87.4487	1.6800e-003	1.6000e-003	87.9809
Total		0.0677	0.6153	0.5169	3.6900e-003	0.0468	0.0468	0.0468	0.0468	0.0468	0.0468	0.0000	669.8230	669.8230	0.0128	0.0123	673.8994

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Arena	1.0498e+06	584.6960	0.0138	2.8600e-003	585.8717
Arena	5.24898e+006	2,923.4800	0.0691	0.0143	2,929.3584
Arena	965812	537.9203	0.0127	2.6300e-003	539.0019
City Park	0	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	585995	326.3766	7.7100e-003	1.5900e-003	327.0329
Health Club	253050	140.9391	3.3300e-003	6.9000e-004	141.2225
Racquet Club	241000	134.2277	3.1700e-003	6.6000e-004	134.4976
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000
Total		4,647.6397	0.1098	0.0227	4,656.9850

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Arena	1.0498e+06	584.6960	0.0138	2.8600e-003	585.8717
Arena	5.24898e+006	2,923.4800	0.0691	0.0143	2,929.3584
Arena	965812	537.9203	0.0127	2.6300e-003	539.0019

Consumer Products	0.7428					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.6000e-004	3.0000e-005	2.8100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.4900e-003	5.4900e-003	1.0000e-005	0.0000	5.7800e-003
Total	6.6380	3.0000e-005	2.8100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.4900e-003	5.4900e-003	1.0000e-005	0.0000	5.7800e-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	5.8950					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.7428					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.6000e-004	3.0000e-005	2.8100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.4900e-003	5.4900e-003	1.0000e-005	0.0000	5.7800e-003
Total	6.6380	3.0000e-005	2.8100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.4900e-003	5.4900e-003	1.0000e-005	0.0000	5.7800e-003

7.0 Water Detail

7.1 Mitigation Measures Water

Use Water Efficient Irrigation System

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	976.5755	1.0188	0.0282	1,006.7135
Unmitigated	1,024.9846	1.0201	0.0285	1,055.2354

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Arena	18.6308 / 1.1892	148.3836	0.6105	0.0150	165.8625
City Park	0 / 119.744	740.9563	0.0175	3.6200e-003	742.4462
Government (Civic Center)	8.01195 / 4.91055	91.0317	0.2632	6.6000e-003	98.6031
Health Club	1.24201 / 0.76123	14.1117	0.0408	1.0200e-003	15.2854
Racquet Club	1.18286 / 0.72498	13.4397	0.0389	9.7000e-004	14.5575
Recreational Swimming Pool	1.50164 / 0.920363	17.0617	0.0493	1.2400e-003	18.4808
Total		1,024.9846	1.0201	0.0285	1,055.2354

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Arena	18.6308 / 1.11666	147.9347	0.6103	0.0150	165.4033
City Park	0 / 112.439	695.7579	0.0164	3.4000e-003	697.1569
Government (Civic Center)	8.01195 / 4.611	89.1782	0.2631	6.5800e-003	96.7418
Health Club	1.24201 / 0.714795	13.8243	0.0408	1.0200e-003	14.9968
Racquet Club	1.18286 / 0.680757	13.1660	0.0388	9.7000e-004	14.2827

Recreational Swimming Pool	1.50164 / 0.864221	16.7143	0.0493	1.2300e-003	18.1319
Total		976.5755	1.0188	0.0282	1,006.7135

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	62.7374	3.7077	0.0000	140.5986
Unmitigated	125.4748	7.4154	0.0000	281.1971

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Arena	1.19	0.2416	0.0143	0.0000	0.5414
City Park	8.64	1.7538	0.1037	0.0000	3.9305
Government (Civic Center)	229.88	46.6636	2.7577	0.0000	104.5761
Health Club	119.7	24.2980	1.4360	0.0000	54.4534

Racquet Club	114	23.1410	1.3676	0.0000	51.8604
Recreational Swimming Pool	144.72	29.3769	1.7361	0.0000	65.8354
Total		125.4748	7.4154	0.0000	281.1971

Mitigated

Land Use	Waste Disposed tons	Total CO2 MT/yr	CH4 MT/yr	N2O MT/yr	CO2e MT/yr
Arena	0.595	0.1208	7.1400e-003	0.0000	0.2707
City Park	4.32	0.8769	0.0518	0.0000	1.9652
Government (Civic Center)	114.94	23.3318	1.3789	0.0000	52.2880
Health Club	59.85	12.1490	0.7180	0.0000	27.2267
Racquet Club	57	11.5705	0.6838	0.0000	25.9302
Recreational Swimming Pool	72.36	14.6884	0.8681	0.0000	32.9177
Total		62.7374	3.7077	0.0000	140.5986

9.0 Operational Offroad

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