APPENDIX B

Air Quality and Greenhouse Gas Emissions

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Air Quality and Greenhouse Gas Emissions Analysis Assumptions
Addendum to the City of Laguna Hills General Plan Update EIR
Five Lagunas Project

Air Quality and Greenhouse Gas Emissions Analysis Assumptions

Construction Emissions

For purposes of estimating Project emissions, and based on information provided by the applicant, it is assumed that construction of the Project would commence in January 2016 and will last approximately 31 months, ending in August 2018.

The analysis presented herein assumes a construction start date of January 2016, which represented the earliest date at which construction would initiate, as anticipated by the applicant's construction team. Assuming the earliest start date for construction represents the worst-case scenario for criteria air pollutant emissions because equipment and vehicle emission factors for later years would be slightly less due to more stringent standards for in-use off-road equipment and heavy-duty trucks, as well as fleet turnover replacing older equipment and vehicles in later years.

As discussed in Section 2.2.3, Project Description, of this Addendum, Project construction would entail demolition, site preparation, grading, trenching/utility installation, building construction, paving, and architectural coating. Demolition is anticipated to be completed in two separate demolition phases that would be approximately three months and two months, respectively. It was assumed that the first demolition phase (4/4/2016 – 7/4/2016) would involve demolition of approximately 246,244 square feet of building space and the second demolition phase (3/1/2017 – 5/5/2017) would involve demolition of approximately 203,367 square feet of building space. A continual site preparation phase (4/4/2016 – 6/5/2017) and a continual grading phase (5/4/2016 – 8/5/2017) were conservatively assumed to represent recurrent fine grading and preparation of building pad sites to support various development throughout construction of the Project. Similarly, trenching was conservatively assumed to occur continually over approximately two years (4/4/2016 – 5/4/2018) to represent installation of various utilities throughout the Project site. It is anticipated, however, that site preparation, grading, and trenching construction activities would not occur every day during these phases. In addition, site preparation, grading, and trenching construction activities would not occur at the maximum intensity of construction activity (e.g., construction equipment operation, worker and truck trips) assumed in the emissions modeling every day during these phases. Furthermore, because portions of the Project site would remain in operation and accessible to the public during construction of other portions of the site, typical paving activities would entail spot or patch paving, whereas a portion of the site is paved when not occupied instead of the entire site paved at once. As such, construction activities would likely be intermittent; however, due to the speculative nature of determining

when these intermittent activities would occur, Project construction phases were conservatively assumed to be continuous.

To accommodate excavation of three detention basins on the Project site, it was assumed that export of excavated material would occur during three distinct export phases (4/1/2016 – 5/31/2016, 1/1/2017 – 2/28/2017, and 5/1/217 – 6/30/2017). It is anticipated each export phase would include transport of 21,000 cubic yards of material off site, totaling 63,000 cubic yards of exported material over the duration of Project construction.

Four distinct building construction phases and associated architectural coating phases were assumed to reflect buildout of the proposed retail, residential, and parking components. The first two building construction phases (1/4/2016 – 3/3/2017 and 6/2/2016 – 5/4/2018) represent construction of the mall component, the third building construction phase (9/4/2016 – 5/4/2018) represents construction of the Project's residential component, and the fourth building construction phase (1/2/2017– 5/4/2018) represents construction of the commercial parking structure. As previously mentioned, an architectural coating phase (i.e., application of paint and finishes) was assumed for each building construction phase and the area to be coated was calculated based on the square footage estimated to be built during each building construction phase and the California Environmental Emissions Estimator Model (CalEEMod) default equations for estimating area-to-be-coated.[1] See Appendix B for Project construction assumption details.

Based on these considerations, the construction scenario assumptions used in CalEEMod represent a conservative construction scenario in terms of estimating maximum daily emissions, as presented in this criteria air pollutant emissions analysis, as well as annual emissions, which are evaluated in the greenhouse gas (GHG) emissions analysis (Section 3.7, Greenhouse Gas Emissions).

Construction criteria air pollutant emissions presented in the analysis represent the maximum daily winter or summer emissions results from CalEEMod. Construction emissions presented in Table 4 in Section 3.3, Air Quality, of this Addendum, are provided in the "mitigated" CalEEMod output. These estimates reflect compliance with South Coast Air Quality Management District (SCAQMD) standard dust control measures (Rule 403), resulting in a 61% reduction of on-site fugitive dust, and incorporation of Tier 4 Interim equipment. Although implementation of dust control measures reflects compliance with a required SCAQMD rule and incorporation of Tier 4 Interim equipment reflects an applicant-proposed Project design feature, which are both not considered mitigation measures for the analysis presented herein, the

[1] CAPCOA (California Air Pollution Control Officers Association). 2013. *California Emissions Estimator Model (CalEEMod) User's Guide Version 2013.2*. Prepared by Environ International Corporation and the California Air Districts. July 2013. http://www.aqmd.gov/docs/default-source/caleemod/usersguide.pdf?sfvrsn=2.

emission estimates are presented as "mitigated" emissions in the CalEEMod output as these assumptions are inputted in the Mitigation option of the model.

Construction GHG emissions presented in Table 7 reflect both the "unmitigated" and "mitigated" CalEEMod output. Incorporation of dust control measures and Tier 4 Interim equipment, as discussed in Section 3.3, Air Quality, of this Addendum, do not reduce Project-generated construction GHG emissions.

Operational Emissions

CalEEMod, which is the emission estimator model currently recommended by the SCAQMD, was used to estimate daily emissions from the operational sources. For Project land uses that CalEEMod does not include as input options, surrogate land uses were selected to represent the proposed land use based on similar land use characteristics and associated model default values. CalEEMod operational emissions modeling land use assumptions include the following (square footage estimates are approximate): 617,525 square feet of retail (modeled as a regional shopping center), 109,070 square feet for the cinema (modeled as a movie theater), 40,102 square feet for the fitness center (modeled as a health club), 133,212 square feet of restaurant space (modeled as a high turnover site down restaurant), 45,890 square feet for the flex retail/medical office land use (modeled as a medical office building), 988 residential units (modeled as low-rise apartments), 1,201,560 square feet for the parking lot (modeled as a parking lot, but area estimates included other asphalt surfaces), and 1,303,692 square feet for the parking structure (modeled as unenclosed parking with an elevator). Total gross-leasable space for the restaurant land use is estimated to be 115,354 square feet; however, the restaurant space would also include an additional 17,858 square feet of occupied patio space. As such, for the purposes of emissions modeling, the patio space was conservatively assumed in the total land use square footage for the restaurant land use.

The Project would primarily impact air quality through vehicular traffic generated by employees and customers/patients of the commercial/retail and medical office land uses and residents of the apartment land uses. Emission factors representing the vehicle mix and emissions for the year 2018 were used to estimate emissions, which is conservative as the Project's first full year of operation would likely occur in a later year.

To be conservative, as well as consistent with the traffic impact analysis (TIA)[2] prepared for the Project (Appendix G), operational emissions were modeled in CalEEMod under the assumption

[2] LLG (Linscott, Law, and Greenspan Engineers). 2015. *Traffic Impact Analysis for the Addendum to the City of Laguna Hills General Plan Program Environmental Impact Report for the Five Lagunas Project, Laguna Hills, California*. Prepared for Merlone Geier Partners LLC, Dudek, and City of Laguna Hills. November 13, 2015.

that Project buildout would occur in 2018. Assuming the earliest start date for Project buildout represents the worst-case scenario for criteria air pollutant emissions because vehicle emission factors for later years would be slightly less due to more stringent standards, as well as fleet turnover replacing older vehicles in later years.

On-road vehicular emissions associated with the Project and Existing scenarios were modeled using trip-generation rates for the Project from the TIA. As presented in the TIA and Table 16, Project Trip Generation, trip rates were identified for the following land uses for typical weekday and Saturday operational scenarios: mall (including retail, cinema, health club, and restaurant), medical office, and apartments. As noted above, the emissions analysis included the patio space in the restaurant land use total; however, the trips associated with the restaurant land use would remain the same with and without the patio space. As such, the mall trip rate was adjusted and applied to the retail, cinema, health club, and restaurant land uses so that the total weekday trips and total Saturday trips would match the daily trips estimated in the TIA. Because the TIA did not include a separate Sunday trip rate, the Saturday trip rate identified in the TIA was assumed for the Sunday trip rate in CalEEMod.

The California Air Pollution Control Officers Association (CAPCOA) has developed methodologies for quantifying the emission reductions associated with numerous mitigation measures.[3,4] Several of the measures are related to land use and transportation planning that would reduce vehicle trips and/or trip lengths, enhance walking and bicycles as alternative modes of transportation, enhance availability of transit, and incorporate other approaches. Based on the Project site setting, it was assumed that the Project would represent an increase in diversity, the residential component of the Project would represent an increase in density, and the Project would result in an improvement to the pedestrian network, pursuant to CAPCOA methodology (as further described below), which would result in emissions reductions from mobile sources.

An increase in diversity assumes that multiple land uses are located on site or within ¼-mile offsite. Having different types of land uses near one another can decrease vehicle miles traveled (VMT) since trips between land use types are shorter and may be accommodated by non-auto modes of transport. For example when residential areas are in the same neighborhood as retail, office buildings, and restaurants, a resident does not need to travel outside of the neighborhood

[3] In 2010, CAPCOA published a resource document titled *Quantifying Greenhouse Gas Mitigation Measures: A Resource for Local Government to Assess Emission Reductions from Greenhouse Gas Mitigation Measures*. Although this resource was intended to develop methods to quantify GHG emission reductions, measures that would reduce emissions associated with mobile sources (motor vehicle trips), natural gas consumption, and landscape maintenance equipment operation would also reduce criteria air pollutant emissions.

[4] CAPCOA. 2010. *Quantifying Greenhouse Gas Mitigation Measures: A Resource for Local Government to Assess Emission Reductions from Greenhouse Gas Mitigation Measures.* August 2010.

to meet his/her trip needs. The Project would include retail, a cinema, fitness center, and residences, which represent a diverse development.

An increase in density "reduces" emissions associated with traffic in several ways. Increased densities affect the distance people travel and provide greater options for the mode of travel they choose. This strategy also provides a foundation for implementation of many other strategies that would benefit from increased densities. For example, transit ridership increases with density, which justifies enhanced transit service. The reductions in mobile source emissions are quantified based on reductions to VMT, and the relationship between density and VMT is described by its elasticity. The Project would represent an increase in density compared to the typical suburban densities in North America as assumed in CalEEMod (7.6 housing units per acre); therefore, the Project would result in emission reductions associated with reduced VMT.

Pedestrian network improvements include providing access and links to pedestrian facilities contiguous with the project site and minimizing barriers to pedestrian access and interconnectivity, which would encourage pedestrian travel. The Project will enhance the site's pedestrian and bicycle connectivity as described in Section 2.2.3, Project Description, of this Addendum.

Emissions from energy sources include natural gas combustion for appliances and space and water heating. For the Project, 2013 Title 24 values and default non-Title 24 energy intensities were used. Title 24 of the California Code of Regulation serves to enhance and regulate California's building standards. The most recent amendments, referred to as the 2013 standards, became effective on July 1, 2014. Buildings constructed in accordance with the 2013 standards will use 25% less energy for lighting, heating, cooling, ventilation, and water heating than the 2008 standards.[5] For the proposed Project emissions scenario, a "mitigation measure" was applied assuming a 25% reduction from the 2008 standards (the basis for the default energy usage factors in CalEEMod) to reflect the benefits of compliance with the 2013 standards.

For the Existing scenario, default historical Title 24 and non-Title 24 energy intensities were used. In the energy source emission calculations in CalEEMod, the use of "Historical Data" assumes building operation in compliance with building code standards that were in effect in 2005.[6] Because the existing structures were constructed prior to 2005, it is reasonable to assume use of historical data to more accurately estimate energy source emissions associated with

[5] CEC (California Energy Commission). 2012. "Building Energy Efficiency Standards – Frequently Asked Questions." May 2012. http://www.energy.ca.gov/title24/2013standards/rulemaking/documents/2013_Building_Energy_Efficiency_Standards_FAQ.pdf.

[6] CAPCOA. 2013. *California Emissions Estimator Model (CalEEMod) User's Guide Version 2013.2*. Prepared by Environ International Corporation and the California Air Districts. July 2013.

buildings that are less efficient compared to buildings in compliance with current building code standards, which are more efficient.

Operational criteria air pollutant emissions presented in the analysis represent the maximum daily winter or summer emissions results from CalEEMod. Operational emissions presented in Table 5 in Section 3.3, Air Quality, of this Addendum, are provided in the "mitigated" CalEEMod output. These estimates reflect compliance with 2013 Title 24 energy efficiency requirements resulting in a minor decrease in energy (natural gas) emissions compared to the model default assumption of compliance with 2008 Title 24 standards. In addition, it was assumed that the Project would increase diversity, increase residential density, and improve the pedestrian network (See Section 3.7, Greenhouse Gas Emissions, for details). Although these assumptions are not considered mitigation measures for the analysis presented herein, the emission estimates are presented as "mitigated" emissions in the CalEEMod output as these assumptions are inputted in the mitigation option of the model.

Operational GHG emissions presented in Table 8, in Section 3.7, Greenhouse Gas Emissions, of this Addendum, for the proposed Project are provided in the "mitigated" CalEEMod output. These estimates reflect compliance with 2013 Title 24 energy efficiency requirements, an increase in land use diversity, increase in residential density, improvement of the pedestrian network, application of an indoor water conservation strategy (20% reduction consistent with CALGreen requirements), use of water-efficient irrigation systems, and a 75% diversion of solid waste per Assembly Bill 341. Although these assumptions are not considered mitigation measures for the analysis presented herein, the emission estimates are presented as "mitigated" emissions in the CalEEMod output as these assumptions are inputted in the mitigation option of the model.

Five Lagunas - Proposed Project

Orange County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	45.89	1000sqft	0.47	45,890.00	0
Parking Lot	1,201.56	1000sqft	27.58	1,201,560.00	0
Unenclosed Parking with Elevator	1,303.69	1000sqft	10.30	1,303,692.00	0
Health Club	40.10	1000sqft	0.42	40,102.00	0
High Turnover (Sit Down Restaurant)	133.21	1000sqft	1.38	133,212.00	0
Movie Theater (No Matinee)	109.07	1000sqft	1.13	109,070.00	0
Apartments Low Rise	988.00	Dwelling Unit	16.46	1,300,000.00	1403
Regional Shopping Center	617.52	1000sqft	10.26	617,525.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	30
Climate Zone	8			**Operational Year**	2018
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Project Characteristics - See Section 1.0 Project Characteristics

Land Use - Land Use - See Section 1.1 Land Usage. Based on information provided by the applicant. Assumed a residential population of 1,403 persons.

Construction Phase - Construction Phase - Based on information provided by the applicant.

Off-road Equipment - Architectural Coating 1 - Retail 1 Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Architectural Coating 2 - Retail 2 Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Architectural Coating 3 - Parking Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Architectural Coating 3 - Residential Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Architectural Coating 4 - Parking Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Building Construction 1 - Retail 1 Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Building Construction 2 - Retail 2 Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Building Construction 3 - Residential Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Building Construction 4 - Parking Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Demolition 1 Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Demolition 2 Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Grading - All Activities Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Grading - Export 1 - No equipment. Vehicle trips only.

Off-road Equipment - Grading - Export 2 - No equipment. Vehicle trips only.

Off-road Equipment - Grading - Export 3 - No equipment. Vehicle trips only.

Off-road Equipment - Paving Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Site Preparation Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Trenching Equipment - See Section 3.0 Construction Detail.

Trips and VMT - Trips and VMT - Construction. CalEEMod default values and project-specific data provided by the applicant. See 3.0 Construction Detail.

Demolition - Demolition 1: 246,244 SF. Demolition 2: 203,367 SF.

Grading - 63,000 CY exported over three phases. CalEEMod default values assumed for total acres disturbed based on equipment mix. See Section 3.0 Construction Detail.

Architectural Coating - AC 1 - 162,000 SF int non-res; 54,000 SF ext non-res. AC 2 - 2,360,144 SF int non-res; 786,715 SF ext non-res. AC 3 - 2,632,500 SF int res; 877,500 SF ext res. AC 4 - 0 SF int non-res; 150,315 SF ext non-res.

Vehicle Trips - Based on Project Trip Generation Table prepared by LLG.

Woodstoves - No woodstoves. No Fireplaces.

Consumer Products - Default CalEEMod factors.

Area Coating - Area Architectural Coatings - See construction coating assumptions for square footage estimates.

Landscape Equipment - Default CalEEMod values

Energy Use - Default CalEEMod values

Water And Wastewater - Default CalEEMod factors. 100% aerobic.

Solid Waste - Default CalEEMod values.

Mobile Land Use Mitigation -

Area Mitigation - VOC assumptions of 50 g/L for interior and 100 g/L for exterior for unmitigated and mitigated (res and non-res). No hearth assumed for unmitigated and mitigated.

Energy Mitigation - Project will meet 2013 Title 24 standards. Assumed 25% improvement above 2008 Title 24 standards.

Water Mitigation - CalGreen 20% reduction in indoor water. Water-efficient irrigation systems (default 6.1% reduction).

Waste Mitigation - 75% diversion rate per Assembly Bill 341

Table Name	Column Name	Default Value	New Value
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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					
2016	70.0562	253.9531	209.8798	0.3614	13.4583	14.7657	28.2239	2.7088	14.0523	16.7612	0.0000	34,886.1168	34,886.1168	6.3468	0.0000	35,019.3986
2017	70.8522	259.8857	231.4230	0.4212	16.0991	14.4926	30.5885	3.3562	13.7913	17.1442	0.0000	39,974.2837	39,974.2837	7.0309	0.0000	40,121.9319
2018	59.5459	107.0425	120.9747	0.2248	6.0014	6.4526	12.4539	1.5997	6.2411	7.8407	0.0000	20,450.9346	20,450.9346	2.8000	0.0000	20,509.7338
Total	**200.4543**	**620.8814**	**562.2775**	**1.0073**	**35.5587**	**35.7108**	**71.2664**	**7.6647**	**34.0848**	**41.7461**	**0.0000**	**95,311.3351**	**95,311.3351**	**16.1776**	**0.0000**	**95,651.0642**

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					
2016	48.1393	120.9700	212.0529	0.3614	9.4794	1.5229	10.9460	2.1819	1.5093	3.6304	0.0000	34,886.1168	34,886.1168	6.3468	0.0000	35,019.3985
2017	50.1746	137.3194	239.2905	0.4212	11.8134	1.7845	13.5254	2.7800	1.7521	4.4724	0.0000	39,974.2837	39,974.2837	7.0309	0.0000	40,121.9318
2018	49.9879	66.7485	125.8876	0.2248	6.0014	0.7084	6.7098	1.5997	0.6995	2.2991	0.0000	20,450.9346	20,450.9346	2.8000	0.0000	20,509.7338
Total	**148.3018**	**325.0379**	**577.2310**	**1.0073**	**27.2942**	**4.0158**	**31.1812**	**6.5616**	**3.9608**	**10.4020**	**0.0000**	**95,311.3350**	**95,311.3350**	**16.1776**	**0.0000**	**95,651.0642**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**26.02**	**47.65**	**-2.66**	**0.00**	**23.24**	**88.75**	**56.25**	**14.39**	**88.38**	**75.08**	**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	108.8792	0.9561	82.4449	4.3300e-003		0.4493	0.4493		0.4493	0.4493	0.0000	147.5249	147.5249	0.1475	0.0000	150.6230
Energy	1.5042	13.4991	10.2003	0.0821		1.0393	1.0393		1.0393	1.0393		16,409.4422	16,409.4422	0.3145	0.3008	16,509.3073
Mobile	119.5165	234.4670	1,104.0712	2.8724	213.2657	3.2426	216.5083	56.9041	2.9896	59.8937		234,225.9911	234,225.9911	9.1478		234,418.0939
Total	**229.9000**	**248.9223**	**1,196.7164**	**2.9588**	**213.2657**	**4.7312**	**217.9968**	**56.9041**	**4.4782**	**61.3823**	**0.0000**	**250,782.9582**	**250,782.9582**	**9.6098**	**0.3008**	**251,078.0242**

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	108.8792	0.9561	82.4449	4.3300e-003		0.4493	0.4493		0.4493	0.4493	0.0000	147.5249	147.5249	0.1475	0.0000	150.6230
Energy	1.3368	12.0110	9.1704	0.0729		0.9236	0.9236		0.9236	0.9236		14,583.0192	14,583.0192	0.2795	0.2674	14,671.7691
Mobile	113.2566	190.5613	932.0074	2.2253	163.3990	2.5629	165.9619	43.5985	2.3631	45.9616		181,414.9783	181,414.9783	7.2478		181,567.1822
Total	**223.4726**	**203.5284**	**1,023.6228**	**2.3025**	**163.3990**	**3.9358**	**167.3348**	**43.5985**	**3.7360**	**47.3345**	**0.0000**	**196,145.5225**	**196,145.5225**	**7.6748**	**0.2674**	**196,389.5742**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**2.80**	**18.24**	**14.46**	**22.18**	**23.38**	**16.81**	**23.24**	**23.38**	**16.57**	**22.89**	**0.00**	**21.79**	**21.79**	**20.14**	**11.13**	**21.78**

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Building Construction 1 - Retail 1	Building Construction	1/4/2016	3/3/2017	5	305	
2	Grading - Export 1	Grading	4/1/2016	5/31/2016	5	43	
3	Demolition 1	Demolition	4/4/2016	7/4/2016	5	66	
4	Site Preparation	Site Preparation	4/4/2016	6/5/2017	5	306	
5	Trenching	Trenching	4/4/2016	5/4/2018	5	545	
6	Architectural Coating 1 - Retail 1	Architectural Coating	4/4/2016	6/2/2017	5	305	
7	Grading - All Activities	Grading	5/4/2016	8/5/2017	5	328	
8	Building Construction 2 - Retail 2	Building Construction	6/4/2016	5/4/2018	5	500	
9	Building Construction 3 - Residential	Building Construction	6/4/2016	5/4/2018	5	500	
10	Architectural Coating 2 - Retail 2	Architectural Coating	9/4/2016	8/3/2018	5	500	
11	Architectural Coating 3 - Residential	Architectural Coating	9/4/2016	8/3/2018	5	500	
12	Grading - Export 2	Grading	1/1/2017	2/28/2017	5	42	
13	Building Construction 4 - Parking	Building Construction	1/2/2017	5/4/2018	5	350	
14	Demolition 2	Demolition	3/1/2017	5/5/2017	5	48	
15	Grading - Export 3	Grading	5/1/2017	6/27/2017	5	42	
16	Paving	Paving	8/6/2017	5/4/2018	5	195	
17	Architectural Coating 4 - Parking	Architectural Coating	12/1/2017	5/4/2018	5	111	

Acres of Grading (Site Preparation Phase): 133.88

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 162,000; Non-Residential Outdoor: 54,000 (Architectural Coating –

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Building Construction 1 - Retail 1	Aerial Lifts	15	7.00	62	0.31
Building Construction 1 - Retail 1	Air Compressors	2	4.00	78	0.48
Building Construction 1 - Retail 1	Air Compressors	1	1.00	78	0.48
Building Construction 1 - Retail 1	Cement and Mortar Mixers	2	2.00	9	0.56
Building Construction 1 - Retail 1	Concrete/Industrial Saws	5	2.00	81	0.73
Building Construction 1 - Retail 1	Cranes	0	0.00	226	0.29
Building Construction 1 - Retail 1	Forklifts	2	4.00	89	0.20
Building Construction 1 - Retail 1	Generator Sets	0	0.00	84	0.74
Building Construction 1 - Retail 1	Other Construction Equipment	5	4.00	171	0.42
Building Construction 1 - Retail 1	Pumps	1	1.00	84	0.74
Building Construction 1 - Retail 1	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Building Construction 1 - Retail 1	Welders	3	7.00	46	0.45
Grading - Export 1	Excavators	0	8.00	162	0.38
Grading - Export 1	Graders	0	8.00	174	0.41
Grading - Export 1	Rubber Tired Dozers	0	8.00	255	0.40
Grading - Export 1	Scrapers	0	8.00	361	0.48
Grading - Export 1	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Demolition 1	Air Compressors	1	4.00	78	0.48
Demolition 1	Concrete/Industrial Saws	2	2.00	81	0.73
Demolition 1	Cranes	1	1.00	226	0.29
Demolition 1	Excavators	0	0.00	162	0.38
Demolition 1	Rubber Tired Dozers	0	0.00	255	0.40
Demolition 1	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Site Preparation	Crawler Tractors	1	7.00	208	0.43
Site Preparation	Excavators	1	7.00	162	0.38
Site Preparation	Rubber Tired Dozers	0	0.00	255	0.40
Site Preparation	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Trenching	Excavators	2	1.00	162	0.38

Trenching	Tractors/Loaders/Backhoes	2	1.00	97	0.37
Trenching	Trenchers	1	1.00	80	0.50
Paving	Pavers	1	1.00	125	0.42
Paving	Paving Equipment	2	1.00	130	0.36
Paving	Rollers	1	1.00	80	0.38
Architectural Coating 1 - Retail 1	Air Compressors	2	1.00	78	0.48
Grading - All Activities	Bore/Drill Rigs	1	4.00	205	0.50
Grading - All Activities	Cement and Mortar Mixers	1	4.00	9	0.56
Grading - All Activities	Crawler Tractors	1	4.00	208	0.43
Grading - All Activities	Excavators	1	4.00	162	0.38
Grading - All Activities	Graders	2	4.00	174	0.41
Grading - All Activities	Pumps	1	4.00	84	0.74
Grading - All Activities	Rollers	1	4.00	80	0.38
Grading - All Activities	Rough Terrain Forklifts	1	4.00	100	0.40
Grading - All Activities	Rubber Tired Dozers	0	0.00	255	0.40
Grading - All Activities	Scrapers	3	4.00	361	0.48
Grading - All Activities	Skid Steer Loaders	1	4.00	64	0.37
Grading - All Activities	Tractors/Loaders/Backhoes	2	4.00	97	0.37
Building Construction 2 - Retail 2	Air Compressors	4	2.00	78	0.48
Building Construction 2 - Retail 2	Concrete/Industrial Saws	15	2.00	81	0.73
Building Construction 2 - Retail 2	Cranes	4	1.00	226	0.29
Building Construction 2 - Retail 2	Excavators	5	2.00	162	0.38
Building Construction 2 - Retail 2	Forklifts	3	4.00	89	0.20
Building Construction 2 - Retail 2	Generator Sets	4	4.00	84	0.74
Building Construction 2 - Retail 2	Other Material Handling Equipment	2	4.00	167	0.40
Building Construction 2 - Retail 2	Pumps	2	1.00	84	0.74
Building Construction 2 - Retail 2	Rollers	2	1.00	80	0.38
Building Construction 2 - Retail 2	Rough Terrain Forklifts	8	2.00	100	0.40
Building Construction 2 - Retail 2	Skid Steer Loaders	2	1.00	64	0.37
Building Construction 2 - Retail 2	Sweepers/Scrubbers	2	7.00	64	0.46

Building Construction 2 - Retail 2	Tractors/Loaders/Backhoes	2	4.00	97	0.37
Building Construction 2 - Retail 2	Welders	5	4.00	46	0.45
Building Construction 3 - Residential	Air Compressors	2	2.00	78	0.48
Building Construction 3 - Residential	Concrete/Industrial Saws	5	4.00	81	0.73
Building Construction 3 - Residential	Cranes	1	4.00	226	0.29
Building Construction 3 - Residential	Excavators	2	1.00	162	0.38
Building Construction 3 - Residential	Forklifts	1	2.00	89	0.20
Building Construction 3 - Residential	Generator Sets	4	2.00	84	0.74
Building Construction 3 - Residential	Other Material Handling Equipment	1	4.00	167	0.40
Building Construction 3 - Residential	Pumps	1	1.00	84	0.74
Building Construction 3 - Residential	Rollers	2	1.00	80	0.38
Building Construction 3 - Residential	Rough Terrain Forklifts	2	4.00	100	0.40
Building Construction 3 - Residential	Skid Steer Loaders	1	1.00	64	0.37
Building Construction 3 - Residential	Sweepers/Scrubbers	1	1.00	64	0.46
Building Construction 3 - Residential	Tractors/Loaders/Backhoes	2	1.00	97	0.37
Building Construction 3 - Residential	Welders	2	2.00	46	0.45
Architectural Coating 2 - Retail 2	Aerial Lifts	10	2.00	62	0.31
Architectural Coating 2 - Retail 2	Air Compressors	6	2.00	78	0.48
Architectural Coating 3 - Residential	Aerial Lifts	5	1.00	62	0.31
Architectural Coating 3 - Residential	Air Compressors	3	1.00	78	0.48
Grading - Export 2	Excavators	0	8.00	162	0.38
Grading - Export 2	Graders	0	8.00	174	0.41
Grading - Export 2	Rubber Tired Dozers	0	8.00	255	0.40
Grading - Export 2	Scrapers	0	8.00	361	0.48
Grading - Export 2	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading - Export 3	Excavators	0	8.00	162	0.38
Grading - Export 3	Graders	0	8.00	174	0.41
Grading - Export 3	Rubber Tired Dozers	0	8.00	255	0.40
Grading - Export 3	Scrapers	0	8.00	361	0.48
Grading - Export 3	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Building Construction 4 - Parking	Aerial Lifts	2	1.00	62	0.31
Building Construction 4 - Parking	Cranes	0	0.00	226	0.29
Building Construction 4 - Parking	Forklifts	2	4.00	89	0.20
Building Construction 4 - Parking	Generator Sets	2	2.00	84	0.74
Building Construction 4 - Parking	Pumps	1	1.00	84	0.74
Building Construction 4 - Parking	Tractors/Loaders/Backhoes	2	1.00	97	0.37
Building Construction 4 - Parking	Welders	1	1.00	46	0.45
Demolition 2	Aerial Lifts	6	2.00	62	0.31
Demolition 2	Air Compressors	3	2.00	78	0.48
Demolition 2	Concrete/Industrial Saws	0	0.00	81	0.73
Demolition 2	Crawler Tractors	2	4.00	208	0.43
Demolition 2	Excavators	2	4.00	162	0.38
Demolition 2	Rubber Tired Dozers	0	0.00	255	0.40
Demolition 2	Tractors/Loaders/Backhoes	2	4.00	97	0.37
Architectural Coating 4 - Parking	Aerial Lifts	2	1.00	62	0.31
Architectural Coating 4 - Parking	Air Compressors	2	1.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Building Construction 1 - Retail 1	36	100.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Export 1	0	0.00	0.00	2,626.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition 1	6	24.00	0.00	1,120.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	4	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Trenching	5	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	4	20.00	20.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating 1 - Retail 1	2	20.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - All Activities	15	50.00	0.00	5,000.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction 2 - Retail 2	60	200.00	20.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction 3 - Residential	27	100.00	10.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating 2 - Retail 2	16	20.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating 3 - Residential	8	20.00	6.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Export 2	0	0.00	0.00	2,626.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Export 3	0	0.00	0.00	2,626.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction 4 - Parking	10	100.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition 2	15	60.00	0.00	926.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating 4 - Parking	4	20.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Clean Paved Roads

3.2 Building Construction 1 - Retail 1 - 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	5.5739	47.3520	39.4868	0.0588		2.7838	2.7838		2.6534	2.6534		5,817.6154	5,817.6154	1.4725		5,848.5376
Total	**5.5739**	**47.3520**	**39.4868**	**0.0588**		**2.7838**	**2.7838**		**2.6534**	**2.6534**		**5,817.6154**	**5,817.6154**	**1.4725**		**5,848.5376**

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	0.0388	0.3542	0.4914	8.6000e-004	0.0250	5.5400e-003	0.0305	7.1200e-003	5.0900e-003	0.0122		86.0122	86.0122	6.3000e-004		86.0255
Worker	0.3652	0.4930	5.1711	0.0128	1.1178	7.8100e-003	1.1256	0.2964	7.2000e-003	0.3036		1,074.5678	1,074.5678	0.0534		1,075.6883
Total	**0.4040**	**0.8471**	**5.6624**	**0.0137**	**1.1428**	**0.0134**	**1.1561**	**0.3036**	**0.0123**	**0.3158**		**1,160.5800**	**1,160.5800**	**0.0540**		**1,161.7138**

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	1.1136	28.7041	41.3485	0.0588		0.6663	0.6663		0.6663	0.6663	0.0000	5,817.6154	5,817.6154	1.4725		5,848.5376
Total	**1.1136**	**28.7041**	**41.3485**	**0.0588**		**0.6663**	**0.6663**		**0.6663**	**0.6663**	**0.0000**	**5,817.6154**	**5,817.6154**	**1.4725**		**5,848.5376**

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	0.0388	0.3542	0.4914	8.6000e-004	0.0250	5.5400e-003	0.0305	7.1200e-003	5.0900e-003	0.0122		86.0122	86.0122	6.3000e-004		86.0255
Worker	0.3652	0.4930	5.1711	0.0128	1.1178	7.8100e-003	1.1256	0.2964	7.2000e-003	0.3036		1,074.5678	1,074.5678	0.0534		1,075.6883
Total	**0.4040**	**0.8471**	**5.6624**	**0.0137**	**1.1428**	**0.0134**	**1.1561**	**0.3036**	**0.0123**	**0.3158**		**1,160.5800**	**1,160.5800**	**0.0540**		**1,161.7138**

3.2 Building Construction 1 - Retail 1 - 2017

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	5.0741	43.6657	39.1284	0.0587		2.4665	2.4665		2.3512	2.3512		5,754.7002	5,754.7002	1.4454		5,785.0532
Total	**5.0741**	**43.6657**	**39.1284**	**0.0587**		**2.4665**	**2.4665**		**2.3512**	**2.3512**		**5,754.7002**	**5,754.7002**	**1.4454**		**5,785.0532**

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	0.0357	0.3220	0.4662	8.6000e-004	0.0250	4.9400e-003	0.0300	7.1200e-003	4.5500e-003	0.0117		84.6104	84.6104	6.2000e-004		84.6233
Worker	0.3320	0.4476	4.7029	0.0128	1.1178	7.6300e-003	1.1254	0.2964	7.0500e-003	0.3035		1,032.9704	1,032.9704	0.0495		1,034.0101
Total	**0.3677**	**0.7696**	**5.1691**	**0.0137**	**1.1428**	**0.0126**	**1.1554**	**0.3036**	**0.0116**	**0.3152**		**1,117.5807**	**1,117.5807**	**0.0501**		**1,118.6334**

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	1.1136	28.7041	41.3485	0.0587		0.6663	0.6663		0.6663	0.6663	0.0000	5,754.7002	5,754.7002	1.4454		5,785.0532
Total	**1.1136**	**28.7041**	**41.3485**	**0.0587**		**0.6663**	**0.6663**		**0.6663**	**0.6663**	**0.0000**	**5,754.7002**	**5,754.7002**	**1.4454**		**5,785.0532**

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	0.0357	0.3220	0.4662	8.6000e-004	0.0250	4.9400e-003	0.0300	7.1200e-003	4.5500e-003	0.0117		84.6104	84.6104	6.2000e-004		84.6233
Worker	0.3320	0.4476	4.7029	0.0128	1.1178	7.6300e-003	1.1254	0.2964	7.0500e-003	0.3035		1,032.9704	1,032.9704	0.0495		1,034.0101
Total	**0.3677**	**0.7696**	**5.1691**	**0.0137**	**1.1428**	**0.0126**	**1.1554**	**0.3036**	**0.0116**	**0.3152**		**1,117.5807**	**1,117.5807**	**0.0501**		**1,118.6334**

3.3 Grading - Export 1 - 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					
Fugitive Dust					0.0552	0.0000	0.0552	8.3600e-003	0.0000	8.3600e-003			0.0000			0.0000
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**	**0.0552**	**0.0000**	**0.0552**	**8.3600e-003**	**0.0000**	**8.3600e-003**		**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	1.1933	17.4047	14.0171	0.0449	1.0638	0.2537	1.3175	0.2913	0.2333	0.5246		4,516.5523	4,516.5523	0.0326		4,517.2370
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	**1.1933**	**17.4047**	**14.0171**	**0.0449**	**1.0638**	**0.2537**	**1.3175**	**0.2913**	**0.2333**	**0.5246**		**4,516.5523**	**4,516.5523**	**0.0326**		**4,517.2370**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0215	0.0000	0.0215	3.2600e-003	0.0000	3.2600e-003			0.0000			0.0000
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**	**0.0215**	**0.0000**	**0.0215**	**3.2600e-003**	**0.0000**	**3.2600e-003**	**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	1.1933	17.4047	14.0171	0.0449	1.0638	0.2537	1.3175	0.2913	0.2333	0.5246		4,516.5523	4,516.5523	0.0326		4,517.2370
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	**1.1933**	**17.4047**	**14.0171**	**0.0449**	**1.0638**	**0.2537**	**1.3175**	**0.2913**	**0.2333**	**0.5246**		**4,516.5523**	**4,516.5523**	**0.0326**		**4,517.2370**

3.4 Demolition 1 - 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					
Fugitive Dust					3.6726	0.0000	3.6726	0.5561	0.0000	0.5561			0.0000			0.0000
Off-Road	1.2549	10.6553	7.7387	0.0113		0.7917	0.7917		0.7527	0.7527		1,123.6795	1,123.6795	0.2438		1,128.7984
Total	**1.2549**	**10.6553**	**7.7387**	**0.0113**	**3.6726**	**0.7917**	**4.4643**	**0.5561**	**0.7527**	**1.3088**		**1,123.6795**	**1,123.6795**	**0.2438**		**1,128.7984**

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	0.3316	4.8363	3.8950	0.0125	0.2956	0.0705	0.3661	0.0810	0.0648	0.1458		1,255.0322	1,255.0322	9.0600e-003		1,255.2225
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	0.0877	0.1183	1.2411	3.0800e-003	0.2683	1.8700e-003	0.2701	0.0711	1.7300e-003	0.0729		257.8963	257.8963	0.0128		258.1652
Total	**0.4193**	**4.9546**	**5.1360**	**0.0155**	**0.5639**	**0.0724**	**0.6362**	**0.1521**	**0.0666**	**0.2186**		**1,512.9285**	**1,512.9285**	**0.0219**		**1,513.3876**

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					1.4323	0.0000	1.4323	0.2169	0.0000	0.2169			0.0000			0.0000
Off-Road	0.2271	4.3794	7.6252	0.0113		0.0168	0.0168		0.0168	0.0168	0.0000	1,123.6795	1,123.6795	0.2438		1,128.7984
Total	**0.2271**	**4.3794**	**7.6252**	**0.0113**	**1.4323**	**0.0168**	**1.4491**	**0.2169**	**0.0168**	**0.2337**	**0.0000**	**1,123.6795**	**1,123.6795**	**0.2438**		**1,128.7984**

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	0.3316	4.8363	3.8950	0.0125	0.2956	0.0705	0.3661	0.0810	0.0648	0.1458		1,255.0322	1,255.0322	9.0600e-003		1,255.2225
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	0.0877	0.1183	1.2411	3.0800e-003	0.2683	1.8700e-003	0.2701	0.0711	1.7300e-003	0.0729		257.8963	257.8963	0.0128		258.1652
Total	**0.4193**	**4.9546**	**5.1360**	**0.0155**	**0.5639**	**0.0724**	**0.6362**	**0.1521**	**0.0666**	**0.2186**		**1,512.9285**	**1,512.9285**	**0.0219**		**1,513.3876**

3.5 Site Preparation - 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					
Fugitive Dust					0.4640	0.0000	0.4640	0.0501	0.0000	0.0501			0.0000			0.0000
Off-Road	1.5551	17.9204	9.7105	0.0168		0.9512	0.9512		0.8751	0.8751		1,747.9006	1,747.9006	0.5272		1,758.9724
Total	**1.5551**	**17.9204**	**9.7105**	**0.0168**	**0.4640**	**0.9512**	**1.4152**	**0.0501**	**0.8751**	**0.9252**		**1,747.9006**	**1,747.9006**	**0.5272**		**1,758.9724**

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	0.0730	0.0986	1.0342	2.5700e-003	0.2236	1.5600e-003	0.2251	0.0593	1.4400e-003	0.0607		214.9136	214.9136	0.0107		215.1377
Total	**0.0730**	**0.0986**	**1.0342**	**2.5700e-003**	**0.2236**	**1.5600e-003**	**0.2251**	**0.0593**	**1.4400e-003**	**0.0607**		**214.9136**	**214.9136**	**0.0107**		**215.1377**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1810	0.0000	0.1810	0.0195	0.0000	0.0195			0.0000			0.0000
Off-Road	0.2893	6.1936	11.2024	0.0168		0.0275	0.0275		0.0275	0.0275	0.0000	1,747.9006	1,747.9006	0.5272		1,758.9724
Total	**0.2893**	**6.1936**	**11.2024**	**0.0168**	**0.1810**	**0.0275**	**0.2085**	**0.0195**	**0.0275**	**0.0470**	**0.0000**	**1,747.9006**	**1,747.9006**	**0.5272**		**1,758.9724**

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	0.0730	0.0986	1.0342	2.5700e-003	0.2236	1.5600e-003	0.2251	0.0593	1.4400e-003	0.0607		214.9136	214.9136	0.0107		215.1377
Total	**0.0730**	**0.0986**	**1.0342**	**2.5700e-003**	**0.2236**	**1.5600e-003**	**0.2251**	**0.0593**	**1.4400e-003**	**0.0607**		**214.9136**	**214.9136**	**0.0107**		**215.1377**

3.5 Site Preparation - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4640	0.0000	0.4640	0.0501	0.0000	0.0501			0.0000			0.0000
Off-Road	1.4642	16.7914	9.5868	0.0168		0.8770	0.8770		0.8069	0.8069		1,720.4708	1,720.4708	0.5272		1,731.5410
Total	**1.4642**	**16.7914**	**9.5868**	**0.0168**	**0.4640**	**0.8770**	**1.3410**	**0.0501**	**0.8069**	**0.8570**		**1,720.4708**	**1,720.4708**	**0.5272**		**1,731.5410**

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	0.0664	0.0895	0.9406	2.5700e-003	0.2236	1.5300e-003	0.2251	0.0593	1.4100e-003	0.0607		206.5941	206.5941	9.9000e-003		206.8020
Total	**0.0664**	**0.0895**	**0.9406**	**2.5700e-003**	**0.2236**	**1.5300e-003**	**0.2251**	**0.0593**	**1.4100e-003**	**0.0607**		**206.5941**	**206.5941**	**9.9000e-003**		**206.8020**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1810	0.0000	0.1810	0.0195	0.0000	0.0195			0.0000			0.0000
Off-Road	0.2893	6.1936	11.2024	0.0168		0.0275	0.0275		0.0275	0.0275	0.0000	1,720.4708	1,720.4708	0.5272		1,731.5410
Total	**0.2893**	**6.1936**	**11.2024**	**0.0168**	**0.1810**	**0.0275**	**0.2085**	**0.0195**	**0.0275**	**0.0470**	**0.0000**	**1,720.4708**	**1,720.4708**	**0.5272**		**1,731.5410**

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	0.0664	0.0895	0.9406	2.5700e-003	0.2236	1.5300e-003	0.2251	0.0593	1.4100e-003	0.0607		206.5941	206.5941	9.9000e-003		206.8020
Total	**0.0664**	**0.0895**	**0.9406**	**2.5700e-003**	**0.2236**	**1.5300e-003**	**0.2251**	**0.0593**	**1.4100e-003**	**0.0607**		**206.5941**	**206.5941**	**9.9000e-003**		**206.8020**

3.6 Trenching - 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	0.2517	2.5301	1.8120	2.5300e-003		0.1649	0.1649		0.1517	0.1517		263.3646	263.3646	0.0794		265.0328
Total	**0.2517**	**2.5301**	**1.8120**	**2.5300e-003**		**0.1649**	**0.1649**		**0.1517**	**0.1517**		**263.3646**	**263.3646**	**0.0794**		**265.0328**

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	0.0730	0.0986	1.0342	2.5700e-003	0.2236	1.5600e-003	0.2251	0.0593	1.4400e-003	0.0607		214.9136	214.9136	0.0107		215.1377
Total	**0.0730**	**0.0986**	**1.0342**	**2.5700e-003**	**0.2236**	**1.5600e-003**	**0.2251**	**0.0593**	**1.4400e-003**	**0.0607**		**214.9136**	**214.9136**	**0.0107**		**215.1377**

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	0.0434	1.1110	1.9161	2.5300e-003		4.1400e-003	4.1400e-003		4.1400e-003	4.1400e-003	0.0000	263.3646	263.3646	0.0794		265.0328
Total	**0.0434**	**1.1110**	**1.9161**	**2.5300e-003**		**4.1400e-003**	**4.1400e-003**		**4.1400e-003**	**4.1400e-003**	**0.0000**	**263.3646**	**263.3646**	**0.0794**		**265.0328**

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	0.0730	0.0986	1.0342	2.5700e-003	0.2236	1.5600e-003	0.2251	0.0593	1.4400e-003	0.0607		214.9136	214.9136	0.0107		215.1377
Total	**0.0730**	**0.0986**	**1.0342**	**2.5700e-003**	**0.2236**	**1.5600e-003**	**0.2251**	**0.0593**	**1.4400e-003**	**0.0607**		**214.9136**	**214.9136**	**0.0107**		**215.1377**

3.6 Trenching - 2017

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	0.2369	2.3542	1.8037	2.5300e-003		0.1528	0.1528		0.1406	0.1406		259.1498	259.1498	0.0794		260.8172
Total	**0.2369**	**2.3542**	**1.8037**	**2.5300e-003**		**0.1528**	**0.1528**		**0.1406**	**0.1406**		**259.1498**	**259.1498**	**0.0794**		**260.8172**

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	0.0664	0.0895	0.9406	2.5700e-003	0.2236	1.5300e-003	0.2251	0.0593	1.4100e-003	0.0607		206.5941	206.5941	9.9000e-003		206.8020
Total	**0.0664**	**0.0895**	**0.9406**	**2.5700e-003**	**0.2236**	**1.5300e-003**	**0.2251**	**0.0593**	**1.4100e-003**	**0.0607**		**206.5941**	**206.5941**	**9.9000e-003**		**206.8020**

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	0.0434	1.1110	1.9161	2.5300e-003		4.1400e-003	4.1400e-003		4.1400e-003	4.1400e-003	0.0000	259.1498	259.1498	0.0794		260.8172
Total	**0.0434**	**1.1110**	**1.9161**	**2.5300e-003**		**4.1400e-003**	**4.1400e-003**		**4.1400e-003**	**4.1400e-003**	**0.0000**	**259.1498**	**259.1498**	**0.0794**		**260.8172**

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	0.0664	0.0895	0.9406	2.5700e-003	0.2236	1.5300e-003	0.2251	0.0593	1.4100e-003	0.0607		206.5941	206.5941	9.9000e-003		206.8020
Total	**0.0664**	**0.0895**	**0.9406**	**2.5700e-003**	**0.2236**	**1.5300e-003**	**0.2251**	**0.0593**	**1.4100e-003**	**0.0607**		**206.5941**	**206.5941**	**9.9000e-003**		**206.8020**

3.6 Trenching - 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					
Off-Road	0.1987	1.9726	1.7638	2.5300e-003		0.1247	0.1247		0.1148	0.1148		254.9170	254.9170	0.0794		256.5835
Total	**0.1987**	**1.9726**	**1.7638**	**2.5300e-003**		**0.1247**	**0.1247**		**0.1148**	**0.1148**		**254.9170**	**254.9170**	**0.0794**		**256.5835**

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	0.0605	0.0817	0.8587	2.5700e-003	0.2236	1.5100e-003	0.2251	0.0593	1.4000e-003	0.0607		198.8451	198.8451	9.2400e-003		199.0392
Total	**0.0605**	**0.0817**	**0.8587**	**2.5700e-003**	**0.2236**	**1.5100e-003**	**0.2251**	**0.0593**	**1.4000e-003**	**0.0607**		**198.8451**	**198.8451**	**9.2400e-003**		**199.0392**

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	0.0434	1.1110	1.9161	2.5300e-003		4.1400e-003	4.1400e-003		4.1400e-003	4.1400e-003	0.0000	254.9170	254.9170	0.0794		256.5835
Total	**0.0434**	**1.1110**	**1.9161**	**2.5300e-003**		**4.1400e-003**	**4.1400e-003**		**4.1400e-003**	**4.1400e-003**	**0.0000**	**254.9170**	**254.9170**	**0.0794**		**256.5835**

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	0.0605	0.0817	0.8587	2.5700e-003	0.2236	1.5100e-003	0.2251	0.0593	1.4000e-003	0.0607		198.8451	198.8451	9.2400e-003		199.0392
Total	**0.0605**	**0.0817**	**0.8587**	**2.5700e-003**	**0.2236**	**1.5100e-003**	**0.2251**	**0.0593**	**1.4000e-003**	**0.0607**		**198.8451**	**198.8451**	**9.2400e-003**		**199.0392**

3.7 Architectural Coating 1 - Retail 1 - 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					
Archit. Coating	2.0516					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1228	0.7907	0.6280	9.9000e-004		0.0655	0.0655		0.0655	0.0655		93.8160	93.8160	0.0111		94.0483
Total	**2.1744**	**0.7907**	**0.6280**	**9.9000e-004**		**0.0655**	**0.0655**		**0.0655**	**0.0655**		**93.8160**	**93.8160**	**0.0111**		**94.0483**

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	0.0194	0.1771	0.2457	4.3000e-004	0.0125	2.7700e-003	0.0153	3.5600e-003	2.5500e-003	6.1100e-003		43.0061	43.0061	3.2000e-004		43.0127
Worker	0.0730	0.0986	1.0342	2.5700e-003	0.2236	1.5600e-003	0.2251	0.0593	1.4400e-003	0.0607		214.9136	214.9136	0.0107		215.1377
Total	**0.0924**	**0.2757**	**1.2799**	**3.0000e-003**	**0.2361**	**4.3300e-003**	**0.2404**	**0.0629**	**3.9900e-003**	**0.0668**		**257.9196**	**257.9196**	**0.0110**		**258.1504**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.0516					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0182	0.3533	0.6108	9.9000e-004		1.3200e-003	1.3200e-003		1.3200e-003	1.3200e-003	0.0000	93.8160	93.8160	0.0111		94.0483
Total	**2.0697**	**0.3533**	**0.6108**	**9.9000e-004**		**1.3200e-003**	**1.3200e-003**		**1.3200e-003**	**1.3200e-003**	**0.0000**	**93.8160**	**93.8160**	**0.0111**		**94.0483**

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	0.0194	0.1771	0.2457	4.3000e-004	0.0125	2.7700e-003	0.0153	3.5600e-003	2.5500e-003	6.1100e-003		43.0061	43.0061	3.2000e-004		43.0127
Worker	0.0730	0.0986	1.0342	2.5700e-003	0.2236	1.5600e-003	0.2251	0.0593	1.4400e-003	0.0607		214.9136	214.9136	0.0107		215.1377
Total	**0.0924**	**0.2757**	**1.2799**	**3.0000e-003**	**0.2361**	**4.3300e-003**	**0.2404**	**0.0629**	**3.9900e-003**	**0.0668**		**257.9196**	**257.9196**	**0.0110**		**258.1504**

3.7 Architectural Coating 1 - Retail 1 - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.0516					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1108	0.7283	0.6227	9.9000e-004		0.0578	0.0578		0.0578	0.0578		93.8160	93.8160	9.9000e-003		94.0240
Total	**2.1623**	**0.7283**	**0.6227**	**9.9000e-004**		**0.0578**	**0.0578**		**0.0578**	**0.0578**		**93.8160**	**93.8160**	**9.9000e-003**		**94.0240**

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	0.0178	0.1610	0.2331	4.3000e-004	0.0125	2.4700e-003	0.0150	3.5600e-003	2.2700e-003	5.8300e-003		42.3052	42.3052	3.1000e-004		42.3116
Worker	0.0664	0.0895	0.9406	2.5700e-003	0.2236	1.5300e-003	0.2251	0.0593	1.4100e-003	0.0607		206.5941	206.5941	9.9000e-003		206.8020
Total	**0.0842**	**0.2505**	**1.1737**	**3.0000e-003**	**0.2361**	**4.0000e-003**	**0.2401**	**0.0629**	**3.6800e-003**	**0.0665**		**248.8993**	**248.8993**	**0.0102**		**249.1137**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.0516					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0182	0.3533	0.6108	9.9000e-004		1.3200e-003	1.3200e-003		1.3200e-003	1.3200e-003	0.0000	93.8160	93.8160	9.9000e-003		94.0240
Total	**2.0697**	**0.3533**	**0.6108**	**9.9000e-004**		**1.3200e-003**	**1.3200e-003**		**1.3200e-003**	**1.3200e-003**	**0.0000**	**93.8160**	**93.8160**	**9.9000e-003**		**94.0240**

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	0.0178	0.1610	0.2331	4.3000e-004	0.0125	2.4700e-003	0.0150	3.5600e-003	2.2700e-003	5.8300e-003		42.3052	42.3052	3.1000e-004		42.3116
Worker	0.0664	0.0895	0.9406	2.5700e-003	0.2236	1.5300e-003	0.2251	0.0593	1.4100e-003	0.0607		206.5941	206.5941	9.9000e-003		206.8020
Total	**0.0842**	**0.2505**	**1.1737**	**3.0000e-003**	**0.2361**	**4.0000e-003**	**0.2401**	**0.0629**	**3.6800e-003**	**0.0665**		**248.8993**	**248.8993**	**0.0102**		**249.1137**

3.8 Grading - All Activities - 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					
Fugitive Dust					2.3861	0.0000	2.3861	0.2577	0.0000	0.2577			0.0000			0.0000
Off-Road	4.8507	55.9251	32.9984	0.0503		2.6841	2.6841		2.4842	2.4842		5,180.8942	5,180.8942	1.4939		5,212.2667
Total	**4.8507**	**55.9251**	**32.9984**	**0.0503**	**2.3861**	**2.6841**	**5.0702**	**0.2577**	**2.4842**	**2.7419**		**5,180.8942**	**5,180.8942**	**1.4939**		**5,212.2667**

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	0.2979	4.3445	3.4989	0.0112	0.4461	0.0633	0.5094	0.1170	0.0582	0.1753		1,127.3972	1,127.3972	8.1400e-003		1,127.5681
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	0.1826	0.2465	2.5855	6.4200e-003	0.5589	3.9000e-003	0.5628	0.1482	3.6000e-003	0.1518		537.2839	537.2839	0.0267		537.8441
Total	**0.4805**	**4.5909**	**6.0844**	**0.0176**	**1.0050**	**0.0672**	**1.0722**	**0.2653**	**0.0618**	**0.3271**		**1,664.6811**	**1,664.6811**	**0.0348**		**1,665.4122**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.9306	0.0000	0.9306	0.1005	0.0000	0.1005			0.0000			0.0000
Off-Road	0.8335	16.3978	30.4237	0.0503		0.1024	0.1024		0.1024	0.1024	0.0000	5,180.8942	5,180.8942	1.4939		5,212.2667
Total	**0.8335**	**16.3978**	**30.4237**	**0.0503**	**0.9306**	**0.1024**	**1.0330**	**0.1005**	**0.1024**	**0.2029**	**0.0000**	**5,180.8942**	**5,180.8942**	**1.4939**		**5,212.2667**

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	0.2979	4.3445	3.4989	0.0112	0.4461	0.0633	0.5094	0.1170	0.0582	0.1753		1,127.3972	1,127.3972	8.1400e-003		1,127.5681
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	0.1826	0.2465	2.5855	6.4200e-003	0.5589	3.9000e-003	0.5628	0.1482	3.6000e-003	0.1518		537.2839	537.2839	0.0267		537.8441
Total	**0.4805**	**4.5909**	**6.0844**	**0.0176**	**1.0050**	**0.0672**	**1.0722**	**0.2653**	**0.0618**	**0.3271**		**1,664.6811**	**1,664.6811**	**0.0348**		**1,665.4122**

3.8 Grading - All Activities - 2017

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					2.3861	0.0000	2.3861	0.2577	0.0000	0.2577			0.0000			0.0000
Off-Road	4.5277	51.7858	31.5386	0.0502		2.4612	2.4612		2.2775	2.2775		5,103.4009	5,103.4009	1.4900		5,134.6902
Total	**4.5277**	**51.7858**	**31.5386**	**0.0502**	**2.3861**	**2.4612**	**4.8473**	**0.2577**	**2.2775**	**2.5351**		**5,103.4009**	**5,103.4009**	**1.4900**		**5,134.6902**

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	0.2798	3.9842	3.3620	0.0112	0.4905	0.0580	0.5485	0.1279	0.0533	0.1812		1,108.7930	1,108.7930	7.9900e-003		1,108.9607
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	0.1660	0.2238	2.3514	6.4200e-003	0.5589	3.8200e-003	0.5627	0.1482	3.5300e-003	0.1517		516.4852	516.4852	0.0248		517.0051
Total	**0.4458**	**4.2080**	**5.7135**	**0.0176**	**1.0494**	**0.0618**	**1.1112**	**0.2762**	**0.0568**	**0.3330**		**1,625.2781**	**1,625.2781**	**0.0328**		**1,625.9658**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.9306	0.0000	0.9306	0.1005	0.0000	0.1005			0.0000			0.0000
Off-Road	0.8335	16.3978	30.4237	0.0502		0.1024	0.1024		0.1024	0.1024	0.0000	5,103.4009	5,103.4009	1.4900		5,134.6902
Total	**0.8335**	**16.3978**	**30.4237**	**0.0502**	**0.9306**	**0.1024**	**1.0330**	**0.1005**	**0.1024**	**0.2029**	**0.0000**	**5,103.4009**	**5,103.4009**	**1.4900**		**5,134.6902**

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	0.2798	3.9842	3.3620	0.0112	0.4905	0.0580	0.5485	0.1279	0.0533	0.1812		1,108.7930	1,108.7930	7.9900e-003		1,108.9607
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	0.1660	0.2238	2.3514	6.4200e-003	0.5589	3.8200e-003	0.5627	0.1482	3.5300e-003	0.1517		516.4852	516.4852	0.0248		517.0051
Total	**0.4458**	**4.2080**	**5.7135**	**0.0176**	**1.0494**	**0.0618**	**1.1112**	**0.2762**	**0.0568**	**0.3330**		**1,625.2781**	**1,625.2781**	**0.0328**		**1,625.9658**

3.9 Building Construction 2 - Retail 2 - 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	9.1185	70.4567	53.5313	0.0817		4.8743	4.8743		4.6992	4.6992		7,955.4375	7,955.4375	1.5512		7,988.0116
Total	**9.1185**	**70.4567**	**53.5313**	**0.0817**		**4.8743**	**4.8743**		**4.6992**	**4.6992**		**7,955.4375**	**7,955.4375**	**1.5512**		**7,988.0116**

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	0.1939	1.7708	2.4568	4.3000e-003	0.1250	0.0277	0.1527	0.0356	0.0255	0.0611		430.0607	430.0607	3.1700e-003		430.1274
Worker	0.7304	0.9859	10.3421	0.0257	2.2355	0.0156	2.2512	0.5929	0.0144	0.6073		2,149.1356	2,149.1356	0.1067		2,151.3766
Total	**0.9243**	**2.7567**	**12.7989**	**0.0300**	**2.3605**	**0.0433**	**2.4038**	**0.6285**	**0.0399**	**0.6683**		**2,579.1963**	**2,579.1963**	**0.1099**		**2,581.5039**

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					
Off-Road	1.4950	33.8547	54.2147	0.0817		0.3327	0.3327		0.3327	0.3327	0.0000	7,955.4375	7,955.4375	1.5512		7,988.0116
Total	**1.4950**	**33.8547**	**54.2147**	**0.0817**		**0.3327**	**0.3327**		**0.3327**	**0.3327**	**0.0000**	**7,955.4375**	**7,955.4375**	**1.5512**		**7,988.0116**

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	0.1939	1.7708	2.4568	4.3000e-003	0.1250	0.0277	0.1527	0.0356	0.0255	0.0611		430.0607	430.0607	3.1700e-003		430.1274
Worker	0.7304	0.9859	10.3421	0.0257	2.2355	0.0156	2.2512	0.5929	0.0144	0.6073		2,149.1356	2,149.1356	0.1067		2,151.3766
Total	**0.9243**	**2.7567**	**12.7989**	**0.0300**	**2.3605**	**0.0433**	**2.4038**	**0.6285**	**0.0399**	**0.6683**		**2,579.1963**	**2,579.1963**	**0.1099**		**2,581.5039**

3.9 Building Construction 2 - Retail 2 - 2017

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	8.2177	64.6056	52.8761	0.0817		4.3335	4.3335		4.1772	4.1772		7,901.4950	7,901.4950	1.4983		7,932.9599
Total	**8.2177**	**64.6056**	**52.8761**	**0.0817**		**4.3335**	**4.3335**		**4.1772**	**4.1772**		**7,901.4950**	**7,901.4950**	**1.4983**		**7,932.9599**

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	0.1783	1.6101	2.3309	4.2900e-003	0.1250	0.0247	0.1497	0.0356	0.0227	0.0583		423.0518	423.0518	3.0800e-003		423.1164
Worker	0.6641	0.8952	9.4058	0.0257	2.2355	0.0153	2.2508	0.5929	0.0141	0.6070		2,065.9407	2,065.9407	0.0990		2,068.0203
Total	**0.8423**	**2.5053**	**11.7366**	**0.0300**	**2.3606**	**0.0400**	**2.4005**	**0.6285**	**0.0368**	**0.6653**		**2,488.9926**	**2,488.9926**	**0.1021**		**2,491.1367**

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	1.4950	33.8547	54.2147	0.0817		0.3327	0.3327		0.3327	0.3327	0.0000	7,901.4950	7,901.4950	1.4983		7,932.9598
Total	**1.4950**	**33.8547**	**54.2147**	**0.0817**		**0.3327**	**0.3327**		**0.3327**	**0.3327**	**0.0000**	**7,901.4950**	**7,901.4950**	**1.4983**		**7,932.9598**

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	0.1783	1.6101	2.3309	4.2900e-003	0.1250	0.0247	0.1497	0.0356	0.0227	0.0583		423.0518	423.0518	3.0800e-003		423.1164
Worker	0.6641	0.8952	9.4058	0.0257	2.2355	0.0153	2.2508	0.5929	0.0141	0.6070		2,065.9407	2,065.9407	0.0990		2,068.0203
Total	**0.8423**	**2.5053**	**11.7366**	**0.0300**	**2.3606**	**0.0400**	**2.4005**	**0.6285**	**0.0368**	**0.6653**		**2,488.9926**	**2,488.9926**	**0.1021**		**2,491.1367**

3.9 Building Construction 2 - Retail 2 - 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					
Off-Road	7.1068	56.6555	51.8749	0.0817		3.6323	3.6323		3.5081	3.5081		7,847.4449	7,847.4449	1.4453		7,877.7965
Total	**7.1068**	**56.6555**	**51.8749**	**0.0817**		**3.6323**	**3.6323**		**3.5081**	**3.5081**		**7,847.4449**	**7,847.4449**	**1.4453**		**7,877.7965**

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	0.1663	1.4773	2.2302	4.2800e-003	0.1250	0.0233	0.1483	0.0356	0.0214	0.0570		415.8612	415.8612	3.0600e-003		415.9255
Worker	0.6052	0.8168	8.5870	0.0257	2.2355	0.0151	2.2506	0.5929	0.0140	0.6069		1,988.4512	1,988.4512	0.0924		1,990.3919
Total	**0.7715**	**2.2941**	**10.8172**	**0.0300**	**2.3605**	**0.0384**	**2.3989**	**0.6285**	**0.0354**	**0.6639**		**2,404.3123**	**2,404.3123**	**0.0955**		**2,406.3174**

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	1.4950	33.8547	54.2147	0.0817		0.3327	0.3327		0.3327	0.3327	0.0000	7,847.4449	7,847.4449	1.4453		7,877.7965
Total	**1.4950**	**33.8547**	**54.2147**	**0.0817**		**0.3327**	**0.3327**		**0.3327**	**0.3327**	**0.0000**	**7,847.4449**	**7,847.4449**	**1.4453**		**7,877.7965**

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	0.1663	1.4773	2.2302	4.2800e-003	0.1250	0.0233	0.1483	0.0356	0.0214	0.0570		415.8612	415.8612	3.0600e-003		415.9255
Worker	0.6052	0.8168	8.5870	0.0257	2.2355	0.0151	2.2506	0.5929	0.0140	0.6069		1,988.4512	1,988.4512	0.0924		1,990.3919
Total	**0.7715**	**2.2941**	**10.8172**	**0.0300**	**2.3605**	**0.0384**	**2.3989**	**0.6285**	**0.0354**	**0.6639**		**2,404.3123**	**2,404.3123**	**0.0955**		**2,406.3174**

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	4.1149	33.3222	24.5448	0.0391		2.2248	2.2248		2.1631	2.1631		3,808.6785	3,808.6785	0.6579		3,822.4934
Total	**4.1149**	**33.3222**	**24.5448**	**0.0391**		**2.2248**	**2.2248**		**2.1631**	**2.1631**		**3,808.6785**	**3,808.6785**	**0.6579**		**3,822.4934**

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	0.0969	0.8854	1.2284	2.1500e-003	0.0625	0.0139	0.0764	0.0178	0.0127	0.0305		215.0304	215.0304	1.5900e-003		215.0637
Worker	0.3652	0.4930	5.1711	0.0128	1.1178	7.8100e-003	1.1256	0.2964	7.2000e-003	0.3036		1,074.5678	1,074.5678	0.0534		1,075.6883
Total	**0.4621**	**1.3783**	**6.3994**	**0.0150**	**1.1803**	**0.0217**	**1.2019**	**0.3142**	**0.0199**	**0.3342**		**1,289.5982**	**1,289.5982**	**0.0550**		**1,290.7520**

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	0.7110	14.9756	25.2821	0.0391		0.0900	0.0900		0.0900	0.0900	0.0000	3,808.6785	3,808.6785	0.6579		3,822.4934
Total	**0.7110**	**14.9756**	**25.2821**	**0.0391**		**0.0900**	**0.0900**		**0.0900**	**0.0900**	**0.0000**	**3,808.6785**	**3,808.6785**	**0.6579**		**3,822.4934**

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	0.0969	0.8854	1.2284	2.1500e-003	0.0625	0.0139	0.0764	0.0178	0.0127	0.0305		215.0304	215.0304	1.5900e-003		215.0637
Worker	0.3652	0.4930	5.1711	0.0128	1.1178	7.8100e-003	1.1256	0.2964	7.2000e-003	0.3036		1,074.5678	1,074.5678	0.0534		1,075.6883
Total	**0.4621**	**1.3783**	**6.3994**	**0.0150**	**1.1803**	**0.0217**	**1.2019**	**0.3142**	**0.0199**	**0.3342**		**1,289.5982**	**1,289.5982**	**0.0550**		**1,290.7520**

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	3.6960	30.4215	24.2171	0.0392		1.9653	1.9653		1.9109	1.9109		3,787.8282	3,787.8282	0.6323		3,801.1073
Total	**3.6960**	**30.4215**	**24.2171**	**0.0392**		**1.9653**	**1.9653**		**1.9109**	**1.9109**		**3,787.8282**	**3,787.8282**	**0.6323**		**3,801.1073**

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	0.0892	0.8051	1.1654	2.1500e-003	0.0625	0.0124	0.0749	0.0178	0.0114	0.0292		211.5259	211.5259	1.5400e-003		211.5582
Worker	0.3320	0.4476	4.7029	0.0128	1.1178	7.6300e-003	1.1254	0.2964	7.0500e-003	0.3035		1,032.9704	1,032.9704	0.0495		1,034.0101
Total	**0.4212**	**1.2527**	**5.8683**	**0.0150**	**1.1803**	**0.0200**	**1.2003**	**0.3142**	**0.0184**	**0.3327**		**1,244.4963**	**1,244.4963**	**0.0511**		**1,245.5684**

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	0.7110	14.9756	25.2821	0.0392		0.0900	0.0900		0.0900	0.0900	0.0000	3,787.8282	3,787.8282	0.6323		3,801.1073
Total	**0.7110**	**14.9756**	**25.2821**	**0.0392**		**0.0900**	**0.0900**		**0.0900**	**0.0900**	**0.0000**	**3,787.8282**	**3,787.8282**	**0.6323**		**3,801.1073**

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	0.0892	0.8051	1.1654	2.1500e-003	0.0625	0.0124	0.0749	0.0178	0.0114	0.0292		211.5259	211.5259	1.5400e-003		211.5582
Worker	0.3320	0.4476	4.7029	0.0128	1.1178	7.6300e-003	1.1254	0.2964	7.0500e-003	0.3035		1,032.9704	1,032.9704	0.0495		1,034.0101
Total	**0.4212**	**1.2527**	**5.8683**	**0.0150**	**1.1803**	**0.0200**	**1.2003**	**0.3142**	**0.0184**	**0.3327**		**1,244.4963**	**1,244.4963**	**0.0511**		**1,245.5684**

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	3.2183	26.8580	23.7686	0.0392		1.6576	1.6576		1.6147	1.6147		3,766.8482	3,766.8482	0.6058		3,779.5696
Total	**3.2183**	**26.8580**	**23.7686**	**0.0392**		**1.6576**	**1.6576**		**1.6147**	**1.6147**		**3,766.8482**	**3,766.8482**	**0.6058**		**3,779.5696**

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	0.0831	0.7387	1.1151	2.1400e-003	0.0625	0.0116	0.0742	0.0178	0.0107	0.0285		207.9306	207.9306	1.5300e-003		207.9628
Worker	0.3026	0.4084	4.2935	0.0128	1.1178	7.5500e-003	1.1253	0.2964	6.9900e-003	0.3034		994.2256	994.2256	0.0462		995.1959
Total	**0.3858**	**1.1470**	**5.4086**	**0.0150**	**1.1803**	**0.0192**	**1.1995**	**0.3142**	**0.0177**	**0.3319**		**1,202.1562**	**1,202.1562**	**0.0477**		**1,203.1587**

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	0.7110	14.9756	25.2821	0.0392		0.0900	0.0900		0.0900	0.0900	0.0000	3,766.8482	3,766.8482	0.6058		3,779.5696
Total	**0.7110**	**14.9756**	**25.2821**	**0.0392**		**0.0900**	**0.0900**		**0.0900**	**0.0900**	**0.0000**	**3,766.8482**	**3,766.8482**	**0.6058**		**3,779.5696**

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	0.0831	0.7387	1.1151	2.1400e-003	0.0625	0.0116	0.0742	0.0178	0.0107	0.0285		207.9306	207.9306	1.5300e-003		207.9628
Worker	0.3026	0.4084	4.2935	0.0128	1.1178	7.5500e-003	1.1253	0.2964	6.9900e-003	0.3034		994.2256	994.2256	0.0462		995.1959
Total	**0.3858**	**1.1470**	**5.4086**	**0.0150**	**1.1803**	**0.0192**	**1.1995**	**0.3142**	**0.0177**	**0.3319**		**1,202.1562**	**1,202.1562**	**0.0477**		**1,203.1587**

3.11 Architectural Coating 2 - Retail 2 - 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					
Archit. Coating	18.2321					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.8772	7.0514	6.4806	0.0101		0.4881	0.4881		0.4805	0.4805		991.8884	991.8884	0.1958		995.9994
Total	**19.1093**	**7.0514**	**6.4806**	**0.0101**		**0.4881**	**0.4881**		**0.4805**	**0.4805**		**991.8884**	**991.8884**	**0.1958**		**995.9994**

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	0.0388	0.3542	0.4914	8.6000e-004	0.0250	5.5400e-003	0.0305	7.1200e-003	5.0900e-003	0.0122		86.0122	86.0122	6.3000e-004		86.0255
Worker	0.0730	0.0986	1.0342	2.5700e-003	0.2236	1.5600e-003	0.2251	0.0593	1.4400e-003	0.0607		214.9136	214.9136	0.0107		215.1377
Total	**0.1118**	**0.4528**	**1.5256**	**3.4300e-003**	**0.2486**	**7.1000e-003**	**0.2557**	**0.0664**	**6.5300e-003**	**0.0729**		**300.9257**	**300.9257**	**0.0113**		**301.1631**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.2321					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2107	4.4417	6.8004	0.0101		0.1028	0.1028		0.1028	0.1028	0.0000	991.8884	991.8884	0.1958		995.9994
Total	**18.4428**	**4.4417**	**6.8004**	**0.0101**		**0.1028**	**0.1028**		**0.1028**	**0.1028**	**0.0000**	**991.8884**	**991.8884**	**0.1958**		**995.9994**

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	0.0388	0.3542	0.4914	8.6000e-004	0.0250	5.5400e-003	0.0305	7.1200e-003	5.0900e-003	0.0122		86.0122	86.0122	6.3000e-004		86.0255
Worker	0.0730	0.0986	1.0342	2.5700e-003	0.2236	1.5600e-003	0.2251	0.0593	1.4400e-003	0.0607		214.9136	214.9136	0.0107		215.1377
Total	**0.1118**	**0.4528**	**1.5256**	**3.4300e-003**	**0.2486**	**7.1000e-003**	**0.2557**	**0.0664**	**6.5300e-003**	**0.0729**		**300.9257**	**300.9257**	**0.0113**		**301.1631**

3.11 Architectural Coating 2 - Retail 2 - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.2321					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.7855	6.3732	6.4347	0.0101		0.4174	0.4174		0.4117	0.4117		985.2201	985.2201	0.1888		989.1855
Total	**19.0177**	**6.3732**	**6.4347**	**0.0101**		**0.4174**	**0.4174**		**0.4117**	**0.4117**		**985.2201**	**985.2201**	**0.1888**		**989.1855**

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	0.0357	0.3220	0.4662	8.6000e-004	0.0250	4.9400e-003	0.0300	7.1200e-003	4.5500e-003	0.0117		84.6104	84.6104	6.2000e-004		84.6233
Worker	0.0664	0.0895	0.9406	2.5700e-003	0.2236	1.5300e-003	0.2251	0.0593	1.4100e-003	0.0607		206.5941	206.5941	9.9000e-003		206.8020
Total	**0.1021**	**0.4116**	**1.4068**	**3.4300e-003**	**0.2486**	**6.4700e-003**	**0.2550**	**0.0664**	**5.9600e-003**	**0.0724**		**291.2044**	**291.2044**	**0.0105**		**291.4253**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.2321					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2107	4.4417	6.8004	0.0101		0.1028	0.1028		0.1028	0.1028	0.0000	985.2201	985.2201	0.1888		989.1855
Total	**18.4428**	**4.4417**	**6.8004**	**0.0101**		**0.1028**	**0.1028**		**0.1028**	**0.1028**	**0.0000**	**985.2201**	**985.2201**	**0.1888**		**989.1855**

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	0.0357	0.3220	0.4662	8.6000e-004	0.0250	4.9400e-003	0.0300	7.1200e-003	4.5500e-003	0.0117		84.6104	84.6104	6.2000e-004		84.6233
Worker	0.0664	0.0895	0.9406	2.5700e-003	0.2236	1.5300e-003	0.2251	0.0593	1.4100e-003	0.0607		206.5941	206.5941	9.9000e-003		206.8020
Total	**0.1021**	**0.4116**	**1.4068**	**3.4300e-003**	**0.2486**	**6.4700e-003**	**0.2550**	**0.0664**	**5.9600e-003**	**0.0724**		**291.2044**	**291.2044**	**0.0105**		**291.4253**

3.11 Architectural Coating 2 - Retail 2 - 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					
Archit. Coating	18.2321					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.7006	5.7603	6.3922	0.0101		0.3495	0.3495		0.3456	0.3456		978.5529	978.5529	0.1829		982.3935
Total	**18.9327**	**5.7603**	**6.3922**	**0.0101**		**0.3495**	**0.3495**		**0.3456**	**0.3456**		**978.5529**	**978.5529**	**0.1829**		**982.3935**

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	0.0333	0.2955	0.4461	8.6000e-004	0.0250	4.6600e-003	0.0297	7.1200e-003	4.2800e-003	0.0114		83.1722	83.1722	6.1000e-004		83.1851
Worker	0.0605	0.0817	0.8587	2.5700e-003	0.2236	1.5100e-003	0.2251	0.0593	1.4000e-003	0.0607		198.8451	198.8451	9.2400e-003		199.0392
Total	**0.0938**	**0.3772**	**1.3048**	**3.4300e-003**	**0.2486**	**6.1700e-003**	**0.2547**	**0.0664**	**5.6800e-003**	**0.0721**		**282.0174**	**282.0174**	**9.8500e-003**		**282.2243**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.2321					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2107	4.4417	6.8004	0.0101		0.1028	0.1028		0.1028	0.1028	0.0000	978.5528	978.5528	0.1829		982.3935
Total	**18.4428**	**4.4417**	**6.8004**	**0.0101**		**0.1028**	**0.1028**		**0.1028**	**0.1028**	**0.0000**	**978.5528**	**978.5528**	**0.1829**		**982.3935**

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	0.0333	0.2955	0.4461	8.6000e-004	0.0250	4.6600e-003	0.0297	7.1200e-003	4.2800e-003	0.0114		83.1722	83.1722	6.1000e-004		83.1851
Worker	0.0605	0.0817	0.8587	2.5700e-003	0.2236	1.5100e-003	0.2251	0.0593	1.4000e-003	0.0607		198.8451	198.8451	9.2400e-003		199.0392
Total	**0.0938**	**0.3772**	**1.3048**	**3.4300e-003**	**0.2486**	**6.1700e-003**	**0.2547**	**0.0664**	**5.6800e-003**	**0.0721**		**282.0174**	**282.0174**	**9.8500e-003**		**282.2243**

3.12 Architectural Coating 3 - Residential - 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					
Archit. Coating	20.3361					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2193	1.7629	1.6201	2.5200e-003		0.1220	0.1220		0.1201	0.1201		247.9721	247.9721	0.0489		248.9999
Total	**20.5554**	**1.7629**	**1.6201**	**2.5200e-003**		**0.1220**	**0.1220**		**0.1201**	**0.1201**		**247.9721**	**247.9721**	**0.0489**		**248.9999**

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	0.0582	0.5312	0.7370	1.2900e-003	0.0375	8.3100e-003	0.0458	0.0107	7.6400e-003	0.0183		129.0182	129.0182	9.5000e-004		129.0382
Worker	0.0730	0.0986	1.0342	2.5700e-003	0.2236	1.5600e-003	0.2251	0.0593	1.4400e-003	0.0607		214.9136	214.9136	0.0107		215.1377
Total	**0.1312**	**0.6298**	**1.7712**	**3.8600e-003**	**0.2611**	**9.8700e-003**	**0.2709**	**0.0700**	**9.0800e-003**	**0.0791**		**343.9318**	**343.9318**	**0.0116**		**344.1759**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	20.3361					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0527	1.1104	1.7001	2.5200e-003		0.0257	0.0257		0.0257	0.0257	0.0000	247.9721	247.9721	0.0489		248.9999
Total	**20.3887**	**1.1104**	**1.7001**	**2.5200e-003**		**0.0257**	**0.0257**		**0.0257**	**0.0257**	**0.0000**	**247.9721**	**247.9721**	**0.0489**		**248.9999**

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	0.0582	0.5312	0.7370	1.2900e-003	0.0375	8.3100e-003	0.0458	0.0107	7.6400e-003	0.0183		129.0182	129.0182	9.5000e-004		129.0382
Worker	0.0730	0.0986	1.0342	2.5700e-003	0.2236	1.5600e-003	0.2251	0.0593	1.4400e-003	0.0607		214.9136	214.9136	0.0107		215.1377
Total	**0.1312**	**0.6298**	**1.7712**	**3.8600e-003**	**0.2611**	**9.8700e-003**	**0.2709**	**0.0700**	**9.0800e-003**	**0.0791**		**343.9318**	**343.9318**	**0.0116**		**344.1759**

3.12 Architectural Coating 3 - Residential - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	20.3361					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1964	1.5933	1.6087	2.5200e-003		0.1043	0.1043		0.1029	0.1029		246.3050	246.3050	0.0472		247.2964
Total	**20.5324**	**1.5933**	**1.6087**	**2.5200e-003**		**0.1043**	**0.1043**		**0.1029**	**0.1029**		**246.3050**	**246.3050**	**0.0472**		**247.2964**

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	0.0535	0.4830	0.6993	1.2900e-003	0.0375	7.4200e-003	0.0449	0.0107	6.8200e-003	0.0175		126.9156	126.9156	9.2000e-004		126.9349
Worker	0.0664	0.0895	0.9406	2.5700e-003	0.2236	1.5300e-003	0.2251	0.0593	1.4100e-003	0.0607		206.5941	206.5941	9.9000e-003		206.8020
Total	**0.1199**	**0.5726**	**1.6398**	**3.8600e-003**	**0.2611**	**8.9500e-003**	**0.2700**	**0.0700**	**8.2300e-003**	**0.0782**		**333.5096**	**333.5096**	**0.0108**		**333.7370**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	20.3361					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0527	1.1104	1.7001	2.5200e-003		0.0257	0.0257		0.0257	0.0257	0.0000	246.3050	246.3050	0.0472		247.2964
Total	**20.3887**	**1.1104**	**1.7001**	**2.5200e-003**		**0.0257**	**0.0257**		**0.0257**	**0.0257**	**0.0000**	**246.3050**	**246.3050**	**0.0472**		**247.2964**

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	0.0535	0.4830	0.6993	1.2900e-003	0.0375	7.4200e-003	0.0449	0.0107	6.8200e-003	0.0175		126.9156	126.9156	9.2000e-004		126.9349
Worker	0.0664	0.0895	0.9406	2.5700e-003	0.2236	1.5300e-003	0.2251	0.0593	1.4100e-003	0.0607		206.5941	206.5941	9.9000e-003		206.8020
Total	**0.1199**	**0.5726**	**1.6398**	**3.8600e-003**	**0.2611**	**8.9500e-003**	**0.2700**	**0.0700**	**8.2300e-003**	**0.0782**		**333.5096**	**333.5096**	**0.0108**		**333.7370**

3.12 Architectural Coating 3 - Residential - 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					
Archit. Coating	20.3361					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1752	1.4401	1.5980	2.5200e-003		0.0874	0.0874		0.0864	0.0864		244.6382	244.6382	0.0457		245.5984
Total	**20.5112**	**1.4401**	**1.5980**	**2.5200e-003**		**0.0874**	**0.0874**		**0.0864**	**0.0864**		**244.6382**	**244.6382**	**0.0457**		**245.5984**

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	0.0499	0.4432	0.6691	1.2900e-003	0.0375	6.9900e-003	0.0445	0.0107	6.4200e-003	0.0171		124.7584	124.7584	9.2000e-004		124.7777
Worker	0.0605	0.0817	0.8587	2.5700e-003	0.2236	1.5100e-003	0.2251	0.0593	1.4000e-003	0.0607		198.8451	198.8451	9.2400e-003		199.0392
Total	**0.1104**	**0.5249**	**1.5278**	**3.8600e-003**	**0.2611**	**8.5000e-003**	**0.2696**	**0.0700**	**7.8200e-003**	**0.0778**		**323.6035**	**323.6035**	**0.0102**		**323.8168**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	20.3361					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0527	1.1104	1.7001	2.5200e-003		0.0257	0.0257		0.0257	0.0257	0.0000	244.6382	244.6382	0.0457		245.5984
Total	**20.3887**	**1.1104**	**1.7001**	**2.5200e-003**		**0.0257**	**0.0257**		**0.0257**	**0.0257**	**0.0000**	**244.6382**	**244.6382**	**0.0457**		**245.5984**

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	0.0499	0.4432	0.6691	1.2900e-003	0.0375	6.9900e-003	0.0445	0.0107	6.4200e-003	0.0171		124.7584	124.7584	9.2000e-004		124.7777
Worker	0.0605	0.0817	0.8587	2.5700e-003	0.2236	1.5100e-003	0.2251	0.0593	1.4000e-003	0.0607		198.8451	198.8451	9.2400e-003		199.0392
Total	**0.1104**	**0.5249**	**1.5278**	**3.8600e-003**	**0.2611**	**8.5000e-003**	**0.2696**	**0.0700**	**7.8200e-003**	**0.0778**		**323.6035**	**323.6035**	**0.0102**		**323.8168**

3.13 Grading - Export 2 - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0565	0.0000	0.0565	8.5600e-003	0.0000	8.5600e-003			0.0000			0.0000
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**	**0.0565**	**0.0000**	**0.0565**	**8.5600e-003**	**0.0000**	**8.5600e-003**		**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	1.1476	16.3416	13.7896	0.0459	1.0893	0.2377	1.3270	0.2983	0.2186	0.5169		4,547.7829	4,547.7829	0.0328		4,548.4709
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	**1.1476**	**16.3416**	**13.7896**	**0.0459**	**1.0893**	**0.2377**	**1.3270**	**0.2983**	**0.2186**	**0.5169**		**4,547.7829**	**4,547.7829**	**0.0328**		**4,548.4709**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0221	0.0000	0.0221	3.3400e-003	0.0000	3.3400e-003			0.0000			0.0000
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**	**0.0221**	**0.0000**	**0.0221**	**3.3400e-003**	**0.0000**	**3.3400e-003**	**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	1.1476	16.3416	13.7896	0.0459	1.0893	0.2377	1.3270	0.2983	0.2186	0.5169		4,547.7829	4,547.7829	0.0328		4,548.4709
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	**1.1476**	**16.3416**	**13.7896**	**0.0459**	**1.0893**	**0.2377**	**1.3270**	**0.2983**	**0.2186**	**0.5169**		**4,547.7829**	**4,547.7829**	**0.0328**		**4,548.4709**

3.14 Building Construction 4 - Parking - 2017

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	0.7247	5.8039	4.7222	7.1500e-003		0.4205	0.4205		0.4033	0.4033		693.3847	693.3847	0.1227		695.9622
Total	**0.7247**	**5.8039**	**4.7222**	**7.1500e-003**		**0.4205**	**0.4205**		**0.4033**	**0.4033**		**693.3847**	**693.3847**	**0.1227**		**695.9622**

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	0.0357	0.3220	0.4662	8.6000e-004	0.0250	4.9400e-003	0.0300	7.1200e-003	4.5500e-003	0.0117		84.6104	84.6104	6.2000e-004		84.6233
Worker	0.3320	0.4476	4.7029	0.0128	1.1178	7.6300e-003	1.1254	0.2964	7.0500e-003	0.3035		1,032.9704	1,032.9704	0.0495		1,034.0101
Total	**0.3677**	**0.7696**	**5.1691**	**0.0137**	**1.1428**	**0.0126**	**1.1554**	**0.3036**	**0.0116**	**0.3152**		**1,117.5807**	**1,117.5807**	**0.0501**		**1,118.6334**

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	0.1430	2.9166	4.7830	7.1500e-003		0.0246	0.0246		0.0246	0.0246	0.0000	693.3847	693.3847	0.1227		695.9622
Total	**0.1430**	**2.9166**	**4.7830**	**7.1500e-003**		**0.0246**	**0.0246**		**0.0246**	**0.0246**	**0.0000**	**693.3847**	**693.3847**	**0.1227**		**695.9622**

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	0.0357	0.3220	0.4662	8.6000e-004	0.0250	4.9400e-003	0.0300	7.1200e-003	4.5500e-003	0.0117		84.6104	84.6104	6.2000e-004		84.6233
Worker	0.3320	0.4476	4.7029	0.0128	1.1178	7.6300e-003	1.1254	0.2964	7.0500e-003	0.3035		1,032.9704	1,032.9704	0.0495		1,034.0101
Total	**0.3677**	**0.7696**	**5.1691**	**0.0137**	**1.1428**	**0.0126**	**1.1554**	**0.3036**	**0.0116**	**0.3152**		**1,117.5807**	**1,117.5807**	**0.0501**		**1,118.6334**

3.14 Building Construction 4 - Parking - 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					
Off-Road	0.6294	5.1956	4.6454	7.1500e-003		0.3568	0.3568		0.3426	0.3426		688.8785	688.8785	0.1185		691.3670
Total	**0.6294**	**5.1956**	**4.6454**	**7.1500e-003**		**0.3568**	**0.3568**		**0.3426**	**0.3426**		**688.8785**	**688.8785**	**0.1185**		**691.3670**

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	0.0333	0.2955	0.4461	8.6000e-004	0.0250	4.6600e-003	0.0297	7.1200e-003	4.2800e-003	0.0114		83.1722	83.1722	6.1000e-004		83.1851
Worker	0.3026	0.4084	4.2935	0.0128	1.1178	7.5500e-003	1.1253	0.2964	6.9900e-003	0.3034		994.2256	994.2256	0.0462		995.1959
Total	**0.3359**	**0.7039**	**4.7395**	**0.0137**	**1.1428**	**0.0122**	**1.1550**	**0.3036**	**0.0113**	**0.3148**		**1,077.3978**	**1,077.3978**	**0.0468**		**1,078.3810**

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	0.1430	2.9166	4.7830	7.1500e-003		0.0246	0.0246		0.0246	0.0246	0.0000	688.8785	688.8785	0.1185		691.3670
Total	**0.1430**	**2.9166**	**4.7830**	**7.1500e-003**		**0.0246**	**0.0246**		**0.0246**	**0.0246**	**0.0000**	**688.8785**	**688.8785**	**0.1185**		**691.3670**

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	0.0333	0.2955	0.4461	8.6000e-004	0.0250	4.6600e-003	0.0297	7.1200e-003	4.2800e-003	0.0114		83.1722	83.1722	6.1000e-004		83.1851
Worker	0.3026	0.4084	4.2935	0.0128	1.1178	7.5500e-003	1.1253	0.2964	6.9900e-003	0.3034		994.2256	994.2256	0.0462		995.1959
Total	**0.3359**	**0.7039**	**4.7395**	**0.0137**	**1.1428**	**0.0122**	**1.1550**	**0.3036**	**0.0113**	**0.3148**		**1,077.3978**	**1,077.3978**	**0.0468**		**1,078.3810**

3.15 Demolition 2 - 2017

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					4.1705	0.0000	4.1705	0.6315	0.0000	0.6315			0.0000			0.0000
Off-Road	1.7614	19.5333	12.0497	0.0216		0.9891	0.9891		0.9239	0.9239		2,182.8299	2,182.8299	0.6123		2,195.6881
Total	**1.7614**	**19.5333**	**12.0497**	**0.0216**	**4.1705**	**0.9891**	**5.1597**	**0.6315**	**0.9239**	**1.5553**		**2,182.8299**	**2,182.8299**	**0.6123**		**2,195.6881**

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	0.3541	5.0422	4.2548	0.0142	0.3361	0.0733	0.4095	0.0920	0.0675	0.1595		1,403.2144	1,403.2144	0.0101		1,403.4267
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	0.1992	0.2686	2.8217	7.7100e-003	0.6707	4.5800e-003	0.6752	0.1779	4.2300e-003	0.1821		619.7822	619.7822	0.0297		620.4061
Total	**0.5533**	**5.3107**	**7.0765**	**0.0219**	**1.0068**	**0.0779**	**1.0847**	**0.2699**	**0.0717**	**0.3416**		**2,022.9967**	**2,022.9967**	**0.0398**		**2,023.8328**

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					1.6265	0.0000	1.6265	0.2463	0.0000	0.2463			0.0000			0.0000
Off-Road	0.3765	8.1769	14.1744	0.0216		0.0873	0.0873		0.0873	0.0873	0.0000	2,182.8299	2,182.8299	0.6123		2,195.6881
Total	**0.3765**	**8.1769**	**14.1744**	**0.0216**	**1.6265**	**0.0873**	**1.7138**	**0.2463**	**0.0873**	**0.3336**	**0.0000**	**2,182.8299**	**2,182.8299**	**0.6123**		**2,195.6881**

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	0.3541	5.0422	4.2548	0.0142	0.3361	0.0733	0.4095	0.0920	0.0675	0.1595		1,403.2144	1,403.2144	0.0101		1,403.4267
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	0.1992	0.2686	2.8217	7.7100e-003	0.6707	4.5800e-003	0.6752	0.1779	4.2300e-003	0.1821		619.7822	619.7822	0.0297		620.4061
Total	**0.5533**	**5.3107**	**7.0765**	**0.0219**	**1.0068**	**0.0779**	**1.0847**	**0.2699**	**0.0717**	**0.3416**		**2,022.9967**	**2,022.9967**	**0.0398**		**2,023.8328**

3.16 Grading - Export 3 - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0565	0.0000	0.0565	8.5600e-003	0.0000	8.5600e-003			0.0000			0.0000
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**	**0.0565**	**0.0000**	**0.0565**	**8.5600e-003**	**0.0000**	**8.5600e-003**		**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	1.1476	16.3416	13.7896	0.0459	1.0893	0.2377	1.3270	0.2983	0.2186	0.5169		4,547.7829	4,547.7829	0.0328		4,548.4709
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	**1.1476**	**16.3416**	**13.7896**	**0.0459**	**1.0893**	**0.2377**	**1.3270**	**0.2983**	**0.2186**	**0.5169**		**4,547.7829**	**4,547.7829**	**0.0328**		**4,548.4709**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0221	0.0000	0.0221	3.3400e-003	0.0000	3.3400e-003			0.0000			0.0000
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**	**0.0221**	**0.0000**	**0.0221**	**3.3400e-003**	**0.0000**	**3.3400e-003**	**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	1.1476	16.3416	13.7896	0.0459	1.0893	0.2377	1.3270	0.2983	0.2186	0.5169		4,547.7829	4,547.7829	0.0328		4,548.4709
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	**1.1476**	**16.3416**	**13.7896**	**0.0459**	**1.0893**	**0.2377**	**1.3270**	**0.2983**	**0.2186**	**0.5169**		**4,547.7829**	**4,547.7829**	**0.0328**		**4,548.4709**

3.17 Paving - 2017

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	0.1546	1.6705	1.2375	1.9000e-003		0.0912	0.0912		0.0839	0.0839		193.8601	193.8601	0.0594		195.1075
Paving	0.3706					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.5251**	**1.6705**	**1.2375**	**1.9000e-003**		**0.0912**	**0.0912**		**0.0839**	**0.0839**		**193.8601**	**193.8601**	**0.0594**		**195.1075**

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	0.1783	1.6101	2.3309	4.2900e-003	0.1250	0.0247	0.1497	0.0356	0.0227	0.0583		423.0518	423.0518	3.0800e-003		423.1164
Worker	0.0664	0.0895	0.9406	2.5700e-003	0.2236	1.5300e-003	0.2251	0.0593	1.4100e-003	0.0607		206.5941	206.5941	9.9000e-003		206.8020
Total	**0.2447**	**1.6997**	**3.2714**	**6.8600e-003**	**0.3486**	**0.0263**	**0.3748**	**0.0949**	**0.0241**	**0.1190**		**629.6459**	**629.6459**	**0.0130**		**629.9185**

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	0.0267	0.8359	1.4397	1.9000e-003		3.1100e-003	3.1100e-003		3.1100e-003	3.1100e-003	0.0000	193.8601	193.8601	0.0594		195.1075
Paving	0.3706					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3973**	**0.8359**	**1.4397**	**1.9000e-003**		**3.1100e-003**	**3.1100e-003**		**3.1100e-003**	**3.1100e-003**	**0.0000**	**193.8601**	**193.8601**	**0.0594**		**195.1075**

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	0.1783	1.6101	2.3309	4.2900e-003	0.1250	0.0247	0.1497	0.0356	0.0227	0.0583		423.0518	423.0518	3.0800e-003		423.1164
Worker	0.0664	0.0895	0.9406	2.5700e-003	0.2236	1.5300e-003	0.2251	0.0593	1.4100e-003	0.0607		206.5941	206.5941	9.9000e-003		206.8020
Total	**0.2447**	**1.6997**	**3.2714**	**6.8600e-003**	**0.3486**	**0.0263**	**0.3748**	**0.0949**	**0.0241**	**0.1190**		**629.6459**	**629.6459**	**0.0130**		**629.9185**

3.17 Paving - 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					
Off-Road	0.1300	1.4000	1.2181	1.9000e-003		0.0747	0.0747		0.0687	0.0687		190.8035	190.8035	0.0594		192.0509
Paving	0.3706					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.5005**	**1.4000**	**1.2181**	**1.9000e-003**		**0.0747**	**0.0747**		**0.0687**	**0.0687**		**190.8035**	**190.8035**	**0.0594**		**192.0509**

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	0.1663	1.4773	2.2302	4.2800e-003	0.1250	0.0233	0.1483	0.0356	0.0214	0.0570		415.8612	415.8612	3.0600e-003		415.9255
Worker	0.0605	0.0817	0.8587	2.5700e-003	0.2236	1.5100e-003	0.2251	0.0593	1.4000e-003	0.0607		198.8451	198.8451	9.2400e-003		199.0392
Total	**0.2268**	**1.5590**	**3.0889**	**6.8500e-003**	**0.3486**	**0.0248**	**0.3734**	**0.0949**	**0.0228**	**0.1177**		**614.7063**	**614.7063**	**0.0123**		**614.9647**

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	0.0267	0.8359	1.4397	1.9000e-003		3.1100e-003	3.1100e-003		3.1100e-003	3.1100e-003	0.0000	190.8035	190.8035	0.0594		192.0509
Paving	0.3706					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3973**	**0.8359**	**1.4397**	**1.9000e-003**		**3.1100e-003**	**3.1100e-003**		**3.1100e-003**	**3.1100e-003**	**0.0000**	**190.8035**	**190.8035**	**0.0594**		**192.0509**

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	0.1663	1.4773	2.2302	4.2800e-003	0.1250	0.0233	0.1483	0.0356	0.0214	0.0570		415.8612	415.8612	3.0600e-003		415.9255
Worker	0.0605	0.0817	0.8587	2.5700e-003	0.2236	1.5100e-003	0.2251	0.0593	1.4000e-003	0.0607		198.8451	198.8451	9.2400e-003		199.0392
Total	**0.2268**	**1.5590**	**3.0889**	**6.8500e-003**	**0.3486**	**0.0248**	**0.3734**	**0.0949**	**0.0228**	**0.1177**		**614.7063**	**614.7063**	**0.0123**		**614.9647**

3.18 Architectural Coating 4 - Parking - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	6.2767					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1229	0.9287	0.8926	1.4000e-003		0.0649	0.0649		0.0643	0.0643		136.0484	136.0484	0.0228		136.5282
Total	**6.3995**	**0.9287**	**0.8926**	**1.4000e-003**		**0.0649**	**0.0649**		**0.0643**	**0.0643**		**136.0484**	**136.0484**	**0.0228**		**136.5282**

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	0.0178	0.1610	0.2331	4.3000e-004	0.0125	2.4700e-003	0.0150	3.5600e-003	2.2700e-003	5.8300e-003		42.3052	42.3052	3.1000e-004		42.3116
Worker	0.0664	0.0895	0.9406	2.5700e-003	0.2236	1.5300e-003	0.2251	0.0593	1.4100e-003	0.0607		206.5941	206.5941	9.9000e-003		206.8020
Total	**0.0842**	**0.2505**	**1.1737**	**3.0000e-003**	**0.2361**	**4.0000e-003**	**0.2401**	**0.0629**	**3.6800e-003**	**0.0665**		**248.8993**	**248.8993**	**0.0102**		**249.1137**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	6.2767					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0283	0.5855	0.9244	1.4000e-003		0.0108	0.0108		0.0108	0.0108	0.0000	136.0484	136.0484	0.0228		136.5282
Total	**6.3050**	**0.5855**	**0.9244**	**1.4000e-003**		**0.0108**	**0.0108**		**0.0108**	**0.0108**	**0.0000**	**136.0484**	**136.0484**	**0.0228**		**136.5282**

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	0.0178	0.1610	0.2331	4.3000e-004	0.0125	2.4700e-003	0.0150	3.5600e-003	2.2700e-003	5.8300e-003		42.3052	42.3052	3.1000e-004		42.3116
Worker	0.0664	0.0895	0.9406	2.5700e-003	0.2236	1.5300e-003	0.2251	0.0593	1.4100e-003	0.0607		206.5941	206.5941	9.9000e-003		206.8020
Total	**0.0842**	**0.2505**	**1.1737**	**3.0000e-003**	**0.2361**	**4.0000e-003**	**0.2401**	**0.0629**	**3.6800e-003**	**0.0665**		**248.8993**	**248.8993**	**0.0102**		**249.1137**

3.18 Architectural Coating 4 - Parking - 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					
Archit. Coating	6.2767					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1099	0.8435	0.8864	1.4000e-003		0.0550	0.0550		0.0546	0.0546		135.3818	135.3818	0.0219		135.8407
Total	**6.3866**	**0.8435**	**0.8864**	**1.4000e-003**		**0.0550**	**0.0550**		**0.0546**	**0.0546**		**135.3818**	**135.3818**	**0.0219**		**135.8407**

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	0.0166	0.1477	0.2230	4.3000e-004	0.0125	2.3300e-003	0.0148	3.5600e-003	2.1400e-003	5.7000e-003		41.5861	41.5861	3.1000e-004		41.5926
Worker	0.0605	0.0817	0.8587	2.5700e-003	0.2236	1.5100e-003	0.2251	0.0593	1.4000e-003	0.0607		198.8451	198.8451	9.2400e-003		199.0392
Total	**0.0772**	**0.2294**	**1.0817**	**3.0000e-003**	**0.2361**	**3.8400e-003**	**0.2399**	**0.0629**	**3.5400e-003**	**0.0664**		**240.4312**	**240.4312**	**9.5500e-003**		**240.6317**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	6.2767					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0283	0.5855	0.9244	1.4000e-003		0.0108	0.0108		0.0108	0.0108	0.0000	135.3818	135.3818	0.0219		135.8407
Total	**6.3050**	**0.5855**	**0.9244**	**1.4000e-003**		**0.0108**	**0.0108**		**0.0108**	**0.0108**	**0.0000**	**135.3818**	**135.3818**	**0.0219**		**135.8407**

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	0.0166	0.1477	0.2230	4.3000e-004	0.0125	2.3300e-003	0.0148	3.5600e-003	2.1400e-003	5.7000e-003		41.5861	41.5861	3.1000e-004		41.5926
Worker	0.0605	0.0817	0.8587	2.5700e-003	0.2236	1.5100e-003	0.2251	0.0593	1.4000e-003	0.0607		198.8451	198.8451	9.2400e-003		199.0392
Total	**0.0772**	**0.2294**	**1.0817**	**3.0000e-003**	**0.2361**	**3.8400e-003**	**0.2399**	**0.0629**	**3.5400e-003**	**0.0664**		**240.4312**	**240.4312**	**9.5500e-003**		**240.6317**

4.1 Mitigation Measures Mobile

Increase Density

Increase Diversity

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	113.2566	190.5613	932.0074	2.2253	163.3990	2.5629	165.9619	43.5985	2.3631	45.9616		181,414.9783	181,414.9783	7.2478		181,567.1822
Unmitigated	119.5165	234.4670	1,104.0712	2.8724	213.2657	3.2426	216.5083	56.9041	2.9896	59.8937		234,225.9911	234,225.9911	9.1478		234,418.0939

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	6,570.20	6,313.32	6313.32	22,200,572	17,009,536
Health Club	1,201.80	1,567.51	1567.51	2,839,973	2,175,918
High Turnover (Sit Down Restaurant)	3,992.30	5,207.18	5207.18	8,751,520	6,705,200
Medical Office Building	1,658.01	411.17	411.17	3,376,603	2,587,070
Movie Theater (No Matinee)	3,268.83	4,263.55	4263.55	6,719,725	5,148,489
Parking Lot	0.00	0.00	0.00		
Regional Shopping Center	18,507.07	24,138.86	24138.86	43,508,104	33,334,846
Unenclosed Parking with Elevator	0.00	0.00	0.00		
Total	35,198.21	41,901.59	41,901.59	87,396,497	66,961,060

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Health Club	16.60	8.40	6.90	16.90	64.10	19.00	54	35	11
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	54	35	11
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	60	30	10
Movie Theater (No Matinee)	16.60	8.40	6.90	1.80	79.20	19.00	54	35	11
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11
Unenclosed Parking with	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.510011	0.056836	0.192178	0.151564	0.041643	0.005905	0.015642	0.015146	0.001440	0.002149	0.004721	0.000504	0.002262

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3368	12.0110	9.1704	0.0729		0.9236	0.9236		0.9236	0.9236		14,583.0192	14,583.0192	0.2795	0.2674	14,671.7691
NaturalGas Unmitigated	1.5042	13.4991	10.2003	0.0821		1.0393	1.0393		1.0393	1.0393		16,409.4422	16,409.4422	0.3145	0.3008	16,509.3073

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	29819.6	0.3216	2.7481	1.1694	0.0175		0.2222	0.2222		0.2222	0.2222		3,508.1914	3,508.1914	0.0672	0.0643	3,529.5416
Health Club	2377.55	0.0256	0.2331	0.1958	1.4000e-003		0.0177	0.0177		0.0177	0.0177		279.7123	279.7123	5.3600e-003	5.1300e-003	281.4145
High Turnover (Sit Down Restaurant)	96142.6	1.0368	9.4257	7.9176	0.0566		0.7164	0.7164		0.7164	0.7164		11,310.8903	11,310.8903	0.2168	0.2074	11,379.7265
Medical Office Building	1205.71	0.0130	0.1182	0.0993	7.1000e-004		8.9800e-003	8.9800e-003		8.9800e-003	8.9800e-003		141.8485	141.8485	2.7200e-003	2.6000e-003	142.7118
Movie Theater (No Matinee)	6466.51	0.0697	0.6340	0.5325	3.8000e-003		0.0482	0.0482		0.0482	0.0482		760.7655	760.7655	0.0146	0.0140	765.3953
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	3468.29	0.0374	0.3400	0.2856	2.0400e-003		0.0258	0.0258		0.0258	0.0258		408.0343	408.0343	7.8200e-003	7.4800e-003	410.5175
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**1.5042**	**13.4991**	**10.2003**	**0.0820**		**1.0393**	**1.0393**		**1.0393**	**1.0393**		**16,409.4422**	**16,409.4422**	**0.3145**	**0.3009**	**16,509.3073**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Health Club	1.97159	0.0213	0.1933	0.1624	1.1600e-003		0.0147	0.0147		0.0147	0.0147		231.9518	231.9518	4.4500e-003	4.2500e-003	233.3634
High Turnover (Sit Down Restaurant)	88.5997	0.9555	8.6862	7.2964	0.0521		0.6602	0.6602		0.6602	0.6602		10,423.4901	10,423.4901	0.1998	0.1911	10,486.9258
Medical Office Building	0.921572	9.9400e-003	0.0904	0.0759	5.4000e-004		6.8700e-003	6.8700e-003		6.8700e-003	6.8700e-003		108.4202	108.4202	2.0800e-003	1.9900e-003	109.0800
Movie Theater (No Matinee)	5.36236	0.0578	0.5257	0.4416	3.1500e-003		0.0400	0.0400		0.0400	0.0400		630.8658	630.8658	0.0121	0.0116	634.7052
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	3.04533	0.0328	0.2986	0.2508	1.7900e-003		0.0227	0.0227		0.0227	0.0227		358.2740	358.2740	6.8700e-003	6.5700e-003	360.4544
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Apartments Low Rise	24.0551	0.2594	2.2169	0.9433	0.0142		0.1792	0.1792		0.1792	0.1792		2,830.0173	2,830.0173	0.0542	0.0519	2,847.2403
Total		**1.3368**	**12.0110**	**9.1704**	**0.0729**		**0.9236**	**0.9236**		**0.9236**	**0.9236**		**14,583.0192**	**14,583.0192**	**0.2795**	**0.2674**	**14,671.7691**

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	108.8792	0.9561	82.4449	4.3300e-003		0.4493	0.4493		0.4493	0.4493	0.0000	147.5249	147.5249	0.1475	0.0000	150.6230
Unmitigated	108.8792	0.9561	82.4449	4.3300e-003		0.4493	0.4493		0.4493	0.4493	0.0000	147.5249	147.5249	0.1475	0.0000	150.6230

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	12.2439					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	94.0708					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.5646	0.9561	82.4449	4.3300e-003		0.4493	0.4493		0.4493	0.4493		147.5249	147.5249	0.1475		150.6230
Total	**108.8792**	**0.9561**	**82.4449**	**4.3300e-003**		**0.4493**	**0.4493**		**0.4493**	**0.4493**	**0.0000**	**147.5249**	**147.5249**	**0.1475**	**0.0000**	**150.6230**

	ROG	NOx	CO	SO2	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	12.2439					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	94.0708					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.5646	0.9561	82.4449	4.3300e-003		0.4493	0.4493		0.4493	0.4493		147.5249	147.5249	0.1475		150.6230
Total	**108.8792**	**0.9561**	**82.4449**	**4.3300e-003**		**0.4493**	**0.4493**		**0.4493**	**0.4493**	**0.0000**	**147.5249**	**147.5249**	**0.1475**	**0.0000**	**150.6230**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

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

10.0 Vegetation

Five Lagunas - Proposed Project

Orange County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	45.89	1000sqft	0.47	45,890.00	0
Parking Lot	1,201.56	1000sqft	27.58	1,201,560.00	0
Unenclosed Parking with Elevator	1,303.69	1000sqft	10.30	1,303,692.00	0
Health Club	40.10	1000sqft	0.42	40,102.00	0
High Turnover (Sit Down Restaurant)	133.21	1000sqft	1.38	133,212.00	0
Movie Theater (No Matinee)	109.07	1000sqft	1.13	109,070.00	0
Apartments Low Rise	988.00	Dwelling Unit	16.46	1,300,000.00	1403
Regional Shopping Center	617.52	1000sqft	10.26	617,525.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	30
Climate Zone	8			**Operational Year**	2018
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Project Characteristics - See Section 1.0 Project Characteristics

Land Use - Land Use - See Section 1.1 Land Usage. Based on information provided by the applicant. Assumed a residential population of 1,403 persons.

Construction Phase - Construction Phase - Based on information provided by the applicant.

Off-road Equipment - Architectural Coating 1 - Retail 1 Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Architectural Coating 2 - Retail 2 Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Architectural Coating 3 - Parking Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Architectural Coating 3 - Residential Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Architectural Coating 4 - Parking Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Building Construction 1 - Retail 1 Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Building Construction 2 - Retail 2 Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Building Construction 3 - Residential Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Building Construction 4 - Parking Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Demolition 1 Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Demolition 2 Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Grading - All Activities Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Grading - Export 1 - No equipment. Vehicle trips only.

Off-road Equipment - Grading - Export 2 - No equipment. Vehicle trips only.

Off-road Equipment - Grading - Export 3 - No equipment. Vehicle trips only.

Off-road Equipment - Paving Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Site Preparation Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Trenching Equipment - See Section 3.0 Construction Detail.

Trips and VMT - Trips and VMT - Construction. CalEEMod default values and project-specific data provided by the applicant. See 3.0 Construction Detail.

Demolition - Demolition 1: 246,244 SF. Demolition 2: 203,367 SF.

Grading - 63,000 CY exported over three phases. CalEEMod default values assumed for total acres disturbed based on equipment mix. See Section 3.0 Construction Detail.

Architectural Coating - AC 1 - 162,000 SF int non-res; 54,000 SF ext non-res. AC 2 - 2,360,144 SF int non-res; 786,715 SF ext non-res. AC 3 - 2,632,500 SF int res; 877,500 SF ext res. AC 4 - 0 SF int non-res; 150,315 SF ext non-res.

Vehicle Trips - Based on Project Trip Generation Table prepared by LLG.

Woodstoves - No woodstoves. No Fireplaces.

Consumer Products - Default CalEEMod factors.

Area Coating - Area Architectural Coatings - See construction coating assumptions for square footage estimates.

Landscape Equipment - Default CalEEMod values

Energy Use - Default CalEEMod values

Water And Wastewater - Default CalEEMod factors. 100% aerobic.

Solid Waste - Default CalEEMod values.

Construction Off-road Equipment Mitigation - Tier 4 Interim

Mobile Land Use Mitigation -

Area Mitigation - VOC assumptions of 50 g/L for interior and 100 g/L for exterior for unmitigated and mitigated (res and non-res). No hearth assumed for unmitigated and mitigated.

Energy Mitigation - Project will meet 2013 Title 24 standards. Assumed 25% improvement above 2008 Title 24 standards.

Water Mitigation - CalGreen 20% reduction in indoor water. Water-efficient irrigation systems (default 6.1% reduction).

Waste Mitigation - 75% diversion rate per Assembly Bill 341

Table Name	Column Name	Default Value	New Value
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tblWoodstoves	WoodstoveWoodMass	999.60	0.00

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					
2016	69.8926	253.3367	209.8875	0.3654	13.4583	14.7648	28.2231	2.7088	14.0516	16.7604	0.0000	35,218.9718	35,218.9718	6.3464	0.0000	35,352.2468
2017	70.6564	259.2087	231.5448	0.4260	16.0991	14.4916	30.5876	3.3562	13.7905	17.1434	0.0000	40,372.2595	40,372.2595	7.0304	0.0000	40,519.8976
2018	59.4242	106.7504	121.1016	0.2285	6.0014	6.4518	12.4532	1.5997	6.2404	7.8401	0.0000	20,740.8627	20,740.8627	2.7996	0.0000	20,799.6552
Total	**199.9732**	**619.2957**	**562.5339**	**1.0199**	**35.5587**	**35.7083**	**71.2639**	**7.6647**	**34.0824**	**41.7438**	**0.0000**	**96,332.0941**	**96,332.0941**	**16.1765**	**0.0000**	**96,671.7996**

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					
2016	47.9757	120.3536	212.0606	0.3654	9.4794	1.5221	10.9451	2.1819	1.5085	3.6296	0.0000	35,218.9718	35,218.9718	6.3464	0.0000	35,352.2468
2017	50.0378	136.2931	239.4123	0.4260	11.8134	1.7832	13.5245	2.7800	1.7509	4.4716	0.0000	40,372.2595	40,372.2595	7.0304	0.0000	40,519.8975
2018	49.8662	66.4563	126.0146	0.2285	6.0014	0.7077	6.7090	1.5997	0.6988	2.2985	0.0000	20,740.8627	20,740.8627	2.7996	0.0000	20,799.6552
Total	**147.8797**	**323.1030**	**577.4874**	**1.0199**	**27.2942**	**4.0130**	**31.1787**	**6.5616**	**3.9582**	**10.3997**	**0.0000**	**96,332.0940**	**96,332.0940**	**16.1765**	**0.0000**	**96,671.7995**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**26.05**	**47.83**	**-2.66**	**0.00**	**23.24**	**88.76**	**56.25**	**14.39**	**88.39**	**75.09**	**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	108.8792	0.9561	82.4449	4.3300e-003		0.4493	0.4493		0.4493	0.4493	0.0000	147.5249	147.5249	0.1475	0.0000	150.6230
Energy	1.5042	13.4991	10.2003	0.0821		1.0393	1.0393		1.0393	1.0393		16,409.4422	16,409.4422	0.3145	0.3008	16,509.3073
Mobile	112.4439	222.5804	1,089.8866	3.0068	213.2657	3.2267	216.4924	56.9041	2.9750	59.8791		244,833.2326	244,833.2326	9.1409		245,025.1924
Total	**222.8274**	**237.0356**	**1,182.5318**	**3.0931**	**213.2657**	**4.7153**	**217.9810**	**56.9041**	**4.4636**	**61.3677**	**0.0000**	**261,390.1997**	**261,390.1997**	**9.6030**	**0.3008**	**261,685.1227**

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	108.8792	0.9561	82.4449	4.3300e-003		0.4493	0.4493		0.4493	0.4493	0.0000	147.5249	147.5249	0.1475	0.0000	150.6230
Energy	1.3368	12.0110	9.1704	0.0729		0.9236	0.9236		0.9236	0.9236		14,583.0192	14,583.0192	0.2795	0.2674	14,671.7691
Mobile	106.0148	181.2622	901.6980	2.3285	163.3990	2.5470	165.9460	43.5985	2.3484	45.9469		189,600.9685	189,600.9685	7.2410		189,753.0294
Total	**216.2308**	**194.2293**	**993.3133**	**2.4058**	**163.3990**	**3.9199**	**167.3189**	**43.5985**	**3.7213**	**47.3198**	**0.0000**	**204,331.5127**	**204,331.5127**	**7.6680**	**0.2674**	**204,575.4214**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**2.96**	**18.06**	**16.00**	**22.22**	**23.38**	**16.87**	**23.24**	**23.38**	**16.63**	**22.89**	**0.00**	**21.83**	**21.83**	**20.15**	**11.13**	**21.82**

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Building Construction 1 - Retail 1	Building Construction	1/4/2016	3/3/2017	5	305	
2	Grading - Export 1	Grading	4/1/2016	5/31/2016	5	43	
3	Demolition 1	Demolition	4/4/2016	7/4/2016	5	66	
4	Site Preparation	Site Preparation	4/4/2016	6/5/2017	5	306	
5	Trenching	Trenching	4/4/2016	5/4/2018	5	545	
6	Architectural Coating 1 - Retail 1	Architectural Coating	4/4/2016	6/2/2017	5	305	
7	Grading - All Activities	Grading	5/4/2016	8/5/2017	5	328	
8	Building Construction 2 - Retail 2	Building Construction	6/4/2016	5/4/2018	5	500	
9	Building Construction 3 - Residential	Building Construction	6/4/2016	5/4/2018	5	500	
10	Architectural Coating 2 - Retail 2	Architectural Coating	9/4/2016	8/3/2018	5	500	
11	Architectural Coating 3 - Residential	Architectural Coating	9/4/2016	8/3/2018	5	500	
12	Grading - Export 2	Grading	1/1/2017	2/28/2017	5	42	
13	Building Construction 4 - Parking	Building Construction	1/2/2017	5/4/2018	5	350	
14	Demolition 2	Demolition	3/1/2017	5/5/2017	5	48	
15	Grading - Export 3	Grading	5/1/2017	6/27/2017	5	42	
16	Paving	Paving	8/6/2017	5/4/2018	5	195	
17	Architectural Coating 4 - Parking	Architectural Coating	12/1/2017	5/4/2018	5	111	

Acres of Grading (Site Preparation Phase): 133.88

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 162,000; Non-Residential Outdoor: 54,000 (Architectural Coating –

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Building Construction 1 - Retail 1	Aerial Lifts	15	7.00	62	0.31
Building Construction 1 - Retail 1	Air Compressors	2	4.00	78	0.48
Building Construction 1 - Retail 1	Air Compressors	1	1.00	78	0.48
Building Construction 1 - Retail 1	Cement and Mortar Mixers	2	2.00	9	0.56
Building Construction 1 - Retail 1	Concrete/Industrial Saws	5	2.00	81	0.73
Building Construction 1 - Retail 1	Cranes	0	0.00	226	0.29
Building Construction 1 - Retail 1	Forklifts	2	4.00	89	0.20
Building Construction 1 - Retail 1	Generator Sets	0	0.00	84	0.74
Building Construction 1 - Retail 1	Other Construction Equipment	5	4.00	171	0.42
Building Construction 1 - Retail 1	Pumps	1	1.00	84	0.74
Building Construction 1 - Retail 1	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Building Construction 1 - Retail 1	Welders	3	7.00	46	0.45
Grading - Export 1	Excavators	0	8.00	162	0.38
Grading - Export 1	Graders	0	8.00	174	0.41
Grading - Export 1	Rubber Tired Dozers	0	8.00	255	0.40
Grading - Export 1	Scrapers	0	8.00	361	0.48
Grading - Export 1	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Demolition 1	Air Compressors	1	4.00	78	0.48
Demolition 1	Concrete/Industrial Saws	2	2.00	81	0.73
Demolition 1	Cranes	1	1.00	226	0.29
Demolition 1	Excavators	0	0.00	162	0.38
Demolition 1	Rubber Tired Dozers	0	0.00	255	0.40
Demolition 1	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Site Preparation	Crawler Tractors	1	7.00	208	0.43
Site Preparation	Excavators	1	7.00	162	0.38
Site Preparation	Rubber Tired Dozers	0	0.00	255	0.40
Site Preparation	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Trenching	Excavators	2	1.00	162	0.38

Trenching	Tractors/Loaders/Backhoes	2	1.00	97	0.37
Trenching	Trenchers	1	1.00	80	0.50
Paving	Pavers	1	1.00	125	0.42
Paving	Paving Equipment	2	1.00	130	0.36
Paving	Rollers	1	1.00	80	0.38
Architectural Coating 1 - Retail 1	Air Compressors	2	1.00	78	0.48
Grading - All Activities	Bore/Drill Rigs	1	4.00	205	0.50
Grading - All Activities	Cement and Mortar Mixers	1	4.00	9	0.56
Grading - All Activities	Crawler Tractors	1	4.00	208	0.43
Grading - All Activities	Excavators	1	4.00	162	0.38
Grading - All Activities	Graders	2	4.00	174	0.41
Grading - All Activities	Pumps	1	4.00	84	0.74
Grading - All Activities	Rollers	1	4.00	80	0.38
Grading - All Activities	Rough Terrain Forklifts	1	4.00	100	0.40
Grading - All Activities	Rubber Tired Dozers	0	0.00	255	0.40
Grading - All Activities	Scrapers	3	4.00	361	0.48
Grading - All Activities	Skid Steer Loaders	1	4.00	64	0.37
Grading - All Activities	Tractors/Loaders/Backhoes	2	4.00	97	0.37
Building Construction 2 - Retail 2	Air Compressors	4	2.00	78	0.48
Building Construction 2 - Retail 2	Concrete/Industrial Saws	15	2.00	81	0.73
Building Construction 2 - Retail 2	Cranes	4	1.00	226	0.29
Building Construction 2 - Retail 2	Excavators	5	2.00	162	0.38
Building Construction 2 - Retail 2	Forklifts	3	4.00	89	0.20
Building Construction 2 - Retail 2	Generator Sets	4	4.00	84	0.74
Building Construction 2 - Retail 2	Other Material Handling Equipment	2	4.00	167	0.40
Building Construction 2 - Retail 2	Pumps	2	1.00	84	0.74
Building Construction 2 - Retail 2	Rollers	2	1.00	80	0.38
Building Construction 2 - Retail 2	Rough Terrain Forklifts	8	2.00	100	0.40
Building Construction 2 - Retail 2	Skid Steer Loaders	2	1.00	64	0.37
Building Construction 2 - Retail 2	Sweepers/Scrubbers	2	7.00	64	0.46

Building Construction 2 - Retail 2	Tractors/Loaders/Backhoes	2	4.00	97	0.37
Building Construction 2 - Retail 2	Welders	5	4.00	46	0.45
Building Construction 3 - Residential	Air Compressors	2	2.00	78	0.48
Building Construction 3 - Residential	Concrete/Industrial Saws	5	4.00	81	0.73
Building Construction 3 - Residential	Cranes	1	4.00	226	0.29
Building Construction 3 - Residential	Excavators	2	1.00	162	0.38
Building Construction 3 - Residential	Forklifts	1	2.00	89	0.20
Building Construction 3 - Residential	Generator Sets	4	2.00	84	0.74
Building Construction 3 - Residential	Other Material Handling Equipment	1	4.00	167	0.40
Building Construction 3 - Residential	Pumps	1	1.00	84	0.74
Building Construction 3 - Residential	Rollers	2	1.00	80	0.38
Building Construction 3 - Residential	Rough Terrain Forklifts	2	4.00	100	0.40
Building Construction 3 - Residential	Skid Steer Loaders	1	1.00	64	0.37
Building Construction 3 - Residential	Sweepers/Scrubbers	1	1.00	64	0.46
Building Construction 3 - Residential	Tractors/Loaders/Backhoes	2	1.00	97	0.37
Building Construction 3 - Residential	Welders	2	2.00	46	0.45
Architectural Coating 2 - Retail 2	Aerial Lifts	10	2.00	62	0.31
Architectural Coating 2 - Retail 2	Air Compressors	6	2.00	78	0.48
Architectural Coating 3 - Residential	Aerial Lifts	5	1.00	62	0.31
Architectural Coating 3 - Residential	Air Compressors	3	1.00	78	0.48
Grading - Export 2	Excavators	0	8.00	162	0.38
Grading - Export 2	Graders	0	8.00	174	0.41
Grading - Export 2	Rubber Tired Dozers	0	8.00	255	0.40
Grading - Export 2	Scrapers	0	8.00	361	0.48
Grading - Export 2	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading - Export 3	Excavators	0	8.00	162	0.38
Grading - Export 3	Graders	0	8.00	174	0.41
Grading - Export 3	Rubber Tired Dozers	0	8.00	255	0.40
Grading - Export 3	Scrapers	0	8.00	361	0.48
Grading - Export 3	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Building Construction 4 - Parking	Aerial Lifts	2	1.00	62	0.31
Building Construction 4 - Parking	Cranes	0	0.00	226	0.29
Building Construction 4 - Parking	Forklifts	2	4.00	89	0.20
Building Construction 4 - Parking	Generator Sets	2	2.00	84	0.74
Building Construction 4 - Parking	Pumps	1	1.00	84	0.74
Building Construction 4 - Parking	Tractors/Loaders/Backhoes	2	1.00	97	0.37
Building Construction 4 - Parking	Welders	1	1.00	46	0.45
Demolition 2	Aerial Lifts	6	2.00	62	0.31
Demolition 2	Air Compressors	3	2.00	78	0.48
Demolition 2	Concrete/Industrial Saws	0	0.00	81	0.73
Demolition 2	Crawler Tractors	2	4.00	208	0.43
Demolition 2	Excavators	2	4.00	162	0.38
Demolition 2	Rubber Tired Dozers	0	0.00	255	0.40
Demolition 2	Tractors/Loaders/Backhoes	2	4.00	97	0.37
Architectural Coating 4 - Parking	Aerial Lifts	2	1.00	62	0.31
Architectural Coating 4 - Parking	Air Compressors	2	1.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Building Construction 1 - Retail 1	36	100.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Export 1	0	0.00	0.00	2,626.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition 1	6	24.00	0.00	1,120.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	4	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Trenching	5	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	4	20.00	20.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating 1 - Retail 1	2	20.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - All Activities	15	50.00	0.00	5,000.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction 2 - Retail 2	60	200.00	20.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

Building Construction 3 - Residential	27	100.00	10.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating 2 - Retail 2	16	20.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating 3 - Residential	8	20.00	6.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Export 2	0	0.00	0.00	2,626.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Export 3	0	0.00	0.00	2,626.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction 4 - Parking	10	100.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition 2	15	60.00	0.00	926.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating 4 - Parking	4	20.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Clean Paved Roads

3.2 Building Construction 1 - Retail 1 - 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	5.5739	47.3520	39.4868	0.0588		2.7838	2.7838		2.6534	2.6534		5,817.6154	5,817.6154	1.4725		5,848.5376
Total	**5.5739**	**47.3520**	**39.4868**	**0.0588**		**2.7838**	**2.7838**		**2.6534**	**2.6534**		**5,817.6154**	**5,817.6154**	**1.4725**		**5,848.5376**

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	0.0350	0.3460	0.4089	8.7000e-004	0.0250	5.4800e-003	0.0305	7.1200e-003	5.0400e-003	0.0122		86.7436	86.7436	6.2000e-004		86.7565
Worker	0.3469	0.4482	5.4898	0.0136	1.1178	7.8100e-003	1.1256	0.2964	7.2000e-003	0.3036		1,134.6015	1,134.6015	0.0534		1,135.7220
Total	**0.3819**	**0.7942**	**5.8986**	**0.0144**	**1.1428**	**0.0133**	**1.1561**	**0.3036**	**0.0122**	**0.3158**		**1,221.3451**	**1,221.3451**	**0.0540**		**1,222.4785**

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	1.1136	28.7041	41.3485	0.0588		0.6663	0.6663		0.6663	0.6663	0.0000	5,817.6154	5,817.6154	1.4725		5,848.5376
Total	**1.1136**	**28.7041**	**41.3485**	**0.0588**		**0.6663**	**0.6663**		**0.6663**	**0.6663**	**0.0000**	**5,817.6154**	**5,817.6154**	**1.4725**		**5,848.5376**

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	0.0350	0.3460	0.4089	8.7000e-004	0.0250	5.4800e-003	0.0305	7.1200e-003	5.0400e-003	0.0122		86.7436	86.7436	6.2000e-004		86.7565
Worker	0.3469	0.4482	5.4898	0.0136	1.1178	7.8100e-003	1.1256	0.2964	7.2000e-003	0.3036		1,134.6015	1,134.6015	0.0534		1,135.7220
Total	**0.3819**	**0.7942**	**5.8986**	**0.0144**	**1.1428**	**0.0133**	**1.1561**	**0.3036**	**0.0122**	**0.3158**		**1,221.3451**	**1,221.3451**	**0.0540**		**1,222.4785**

3.2 Building Construction 1 - Retail 1 - 2017

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	5.0741	43.6657	39.1284	0.0587		2.4665	2.4665		2.3512	2.3512		5,754.7002	5,754.7002	1.4454		5,785.0532
Total	**5.0741**	**43.6657**	**39.1284**	**0.0587**		**2.4665**	**2.4665**		**2.3512**	**2.3512**		**5,754.7002**	**5,754.7002**	**1.4454**		**5,785.0532**

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	0.0323	0.3148	0.3846	8.6000e-004	0.0250	4.8900e-003	0.0299	7.1200e-003	4.5000e-003	0.0116		85.3317	85.3317	6.0000e-004		85.3442
Worker	0.3159	0.4070	5.0074	0.0136	1.1178	7.6300e-003	1.1254	0.2964	7.0500e-003	0.3035		1,090.7291	1,090.7291	0.0495		1,091.7689
Total	**0.3481**	**0.7218**	**5.3921**	**0.0144**	**1.1428**	**0.0125**	**1.1553**	**0.3036**	**0.0116**	**0.3151**		**1,176.0608**	**1,176.0608**	**0.0501**		**1,177.1131**

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	1.1136	28.7041	41.3485	0.0587		0.6663	0.6663		0.6663	0.6663	0.0000	5,754.7002	5,754.7002	1.4454		5,785.0532
Total	**1.1136**	**28.7041**	**41.3485**	**0.0587**		**0.6663**	**0.6663**		**0.6663**	**0.6663**	**0.0000**	**5,754.7002**	**5,754.7002**	**1.4454**		**5,785.0532**

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	0.0323	0.3148	0.3846	8.6000e-004	0.0250	4.8900e-003	0.0299	7.1200e-003	4.5000e-003	0.0116		85.3317	85.3317	6.0000e-004		85.3442
Worker	0.3159	0.4070	5.0074	0.0136	1.1178	7.6300e-003	1.1254	0.2964	7.0500e-003	0.3035		1,090.7291	1,090.7291	0.0495		1,091.7689
Total	**0.3481**	**0.7218**	**5.3921**	**0.0144**	**1.1428**	**0.0125**	**1.1553**	**0.3036**	**0.0116**	**0.3151**		**1,176.0608**	**1,176.0608**	**0.0501**		**1,177.1131**

3.3 Grading - Export 1 - 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					
Fugitive Dust					0.0552	0.0000	0.0552	8.3600e-003	0.0000	8.3600e-003			0.0000			0.0000
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**	**0.0552**	**0.0000**	**0.0552**	**8.3600e-003**	**0.0000**	**8.3600e-003**		**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	1.1158	16.8279	12.2128	0.0449	1.0638	0.2531	1.3169	0.2913	0.2327	0.5240		4,527.3434	4,527.3434	0.0322		4,528.0191
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	**1.1158**	**16.8279**	**12.2128**	**0.0449**	**1.0638**	**0.2531**	**1.3169**	**0.2913**	**0.2327**	**0.5240**		**4,527.3434**	**4,527.3434**	**0.0322**		**4,528.0191**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0215	0.0000	0.0215	3.2600e-003	0.0000	3.2600e-003			0.0000			0.0000
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**	**0.0215**	**0.0000**	**0.0215**	**3.2600e-003**	**0.0000**	**3.2600e-003**	**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	1.1158	16.8279	12.2128	0.0449	1.0638	0.2531	1.3169	0.2913	0.2327	0.5240		4,527.3434	4,527.3434	0.0322		4,528.0191
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	**1.1158**	**16.8279**	**12.2128**	**0.0449**	**1.0638**	**0.2531**	**1.3169**	**0.2913**	**0.2327**	**0.5240**		**4,527.3434**	**4,527.3434**	**0.0322**		**4,528.0191**

3.4 Demolition 1 - 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					
Fugitive Dust					3.6726	0.0000	3.6726	0.5561	0.0000	0.5561			0.0000			0.0000
Off-Road	1.2549	10.6553	7.7387	0.0113		0.7917	0.7917		0.7527	0.7527		1,123.6795	1,123.6795	0.2438		1,128.7984
Total	**1.2549**	**10.6553**	**7.7387**	**0.0113**	**3.6726**	**0.7917**	**4.4643**	**0.5561**	**0.7527**	**1.3088**		**1,123.6795**	**1,123.6795**	**0.2438**		**1,128.7984**

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	0.3101	4.6760	3.3936	0.0125	0.2956	0.0703	0.3659	0.0810	0.0647	0.1456		1,258.0308	1,258.0308	8.9400e-003		1,258.2185
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	0.0833	0.1076	1.3175	3.2600e-003	0.2683	1.8700e-003	0.2701	0.0711	1.7300e-003	0.0729		272.3044	272.3044	0.0128		272.5733
Total	**0.3933**	**4.7836**	**4.7112**	**0.0157**	**0.5639**	**0.0722**	**0.6361**	**0.1521**	**0.0664**	**0.2185**		**1,530.3351**	**1,530.3351**	**0.0218**		**1,530.7918**

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					1.4323	0.0000	1.4323	0.2169	0.0000	0.2169			0.0000			0.0000
Off-Road	0.2271	4.3794	7.6252	0.0113		0.0168	0.0168		0.0168	0.0168	0.0000	1,123.6795	1,123.6795	0.2438		1,128.7984
Total	**0.2271**	**4.3794**	**7.6252**	**0.0113**	**1.4323**	**0.0168**	**1.4491**	**0.2169**	**0.0168**	**0.2337**	**0.0000**	**1,123.6795**	**1,123.6795**	**0.2438**		**1,128.7984**

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	0.3101	4.6760	3.3936	0.0125	0.2956	0.0703	0.3659	0.0810	0.0647	0.1456		1,258.0308	1,258.0308	8.9400e-003		1,258.2185
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	0.0833	0.1076	1.3175	3.2600e-003	0.2683	1.8700e-003	0.2701	0.0711	1.7300e-003	0.0729		272.3044	272.3044	0.0128		272.5733
Total	**0.3933**	**4.7836**	**4.7112**	**0.0157**	**0.5639**	**0.0722**	**0.6361**	**0.1521**	**0.0664**	**0.2185**		**1,530.3351**	**1,530.3351**	**0.0218**		**1,530.7918**

3.5 Site Preparation - 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					
Fugitive Dust					0.4640	0.0000	0.4640	0.0501	0.0000	0.0501			0.0000			0.0000
Off-Road	1.5551	17.9204	9.7105	0.0168		0.9512	0.9512		0.8751	0.8751		1,747.9006	1,747.9006	0.5272		1,758.9724
Total	**1.5551**	**17.9204**	**9.7105**	**0.0168**	**0.4640**	**0.9512**	**1.4152**	**0.0501**	**0.8751**	**0.9252**		**1,747.9006**	**1,747.9006**	**0.5272**		**1,758.9724**

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	0.0694	0.0896	1.0980	2.7100e-003	0.2236	1.5600e-003	0.2251	0.0593	1.4400e-003	0.0607		226.9203	226.9203	0.0107		227.1444
Total	**0.0694**	**0.0896**	**1.0980**	**2.7100e-003**	**0.2236**	**1.5600e-003**	**0.2251**	**0.0593**	**1.4400e-003**	**0.0607**		**226.9203**	**226.9203**	**0.0107**		**227.1444**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1810	0.0000	0.1810	0.0195	0.0000	0.0195			0.0000			0.0000
Off-Road	0.2893	6.1936	11.2024	0.0168		0.0275	0.0275		0.0275	0.0275	0.0000	1,747.9006	1,747.9006	0.5272		1,758.9724
Total	**0.2893**	**6.1936**	**11.2024**	**0.0168**	**0.1810**	**0.0275**	**0.2085**	**0.0195**	**0.0275**	**0.0470**	**0.0000**	**1,747.9006**	**1,747.9006**	**0.5272**		**1,758.9724**

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	0.0694	0.0896	1.0980	2.7100e-003	0.2236	1.5600e-003	0.2251	0.0593	1.4400e-003	0.0607		226.9203	226.9203	0.0107		227.1444
Total	**0.0694**	**0.0896**	**1.0980**	**2.7100e-003**	**0.2236**	**1.5600e-003**	**0.2251**	**0.0593**	**1.4400e-003**	**0.0607**		**226.9203**	**226.9203**	**0.0107**		**227.1444**

3.5 Site Preparation - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4640	0.0000	0.4640	0.0501	0.0000	0.0501			0.0000			0.0000
Off-Road	1.4642	16.7914	9.5868	0.0168		0.8770	0.8770		0.8069	0.8069		1,720.4708	1,720.4708	0.5272		1,731.5410
Total	**1.4642**	**16.7914**	**9.5868**	**0.0168**	**0.4640**	**0.8770**	**1.3410**	**0.0501**	**0.8069**	**0.8570**		**1,720.4708**	**1,720.4708**	**0.5272**		**1,731.5410**

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	0.0632	0.0814	1.0015	2.7100e-003	0.2236	1.5300e-003	0.2251	0.0593	1.4100e-003	0.0607		218.1458	218.1458	9.9000e-003		218.3538
Total	**0.0632**	**0.0814**	**1.0015**	**2.7100e-003**	**0.2236**	**1.5300e-003**	**0.2251**	**0.0593**	**1.4100e-003**	**0.0607**		**218.1458**	**218.1458**	**9.9000e-003**		**218.3538**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1810	0.0000	0.1810	0.0195	0.0000	0.0195			0.0000			0.0000
Off-Road	0.2893	6.1936	11.2024	0.0168		0.0275	0.0275		0.0275	0.0275	0.0000	1,720.4708	1,720.4708	0.5272		1,731.5410
Total	**0.2893**	**6.1936**	**11.2024**	**0.0168**	**0.1810**	**0.0275**	**0.2085**	**0.0195**	**0.0275**	**0.0470**	**0.0000**	**1,720.4708**	**1,720.4708**	**0.5272**		**1,731.5410**

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	0.0632	0.0814	1.0015	2.7100e-003	0.2236	1.5300e-003	0.2251	0.0593	1.4100e-003	0.0607		218.1458	218.1458	9.9000e-003		218.3538
Total	**0.0632**	**0.0814**	**1.0015**	**2.7100e-003**	**0.2236**	**1.5300e-003**	**0.2251**	**0.0593**	**1.4100e-003**	**0.0607**		**218.1458**	**218.1458**	**9.9000e-003**		**218.3538**

3.6 Trenching - 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	0.2517	2.5301	1.8120	2.5300e-003		0.1649	0.1649		0.1517	0.1517		263.3646	263.3646	0.0794		265.0328
Total	**0.2517**	**2.5301**	**1.8120**	**2.5300e-003**		**0.1649**	**0.1649**		**0.1517**	**0.1517**		**263.3646**	**263.3646**	**0.0794**		**265.0328**

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	0.0694	0.0896	1.0980	2.7100e-003	0.2236	1.5600e-003	0.2251	0.0593	1.4400e-003	0.0607		226.9203	226.9203	0.0107		227.1444
Total	**0.0694**	**0.0896**	**1.0980**	**2.7100e-003**	**0.2236**	**1.5600e-003**	**0.2251**	**0.0593**	**1.4400e-003**	**0.0607**		**226.9203**	**226.9203**	**0.0107**		**227.1444**

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	0.0434	1.1110	1.9161	2.5300e-003		4.1400e-003	4.1400e-003		4.1400e-003	4.1400e-003	0.0000	263.3646	263.3646	0.0794		265.0328
Total	**0.0434**	**1.1110**	**1.9161**	**2.5300e-003**		**4.1400e-003**	**4.1400e-003**		**4.1400e-003**	**4.1400e-003**	**0.0000**	**263.3646**	**263.3646**	**0.0794**		**265.0328**

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	0.0694	0.0896	1.0980	2.7100e-003	0.2236	1.5600e-003	0.2251	0.0593	1.4400e-003	0.0607		226.9203	226.9203	0.0107		227.1444
Total	**0.0694**	**0.0896**	**1.0980**	**2.7100e-003**	**0.2236**	**1.5600e-003**	**0.2251**	**0.0593**	**1.4400e-003**	**0.0607**		**226.9203**	**226.9203**	**0.0107**		**227.1444**

3.6 Trenching - 2017

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	0.2369	2.3542	1.8037	2.5300e-003		0.1528	0.1528		0.1406	0.1406		259.1498	259.1498	0.0794		260.8172
Total	**0.2369**	**2.3542**	**1.8037**	**2.5300e-003**		**0.1528**	**0.1528**		**0.1406**	**0.1406**		**259.1498**	**259.1498**	**0.0794**		**260.8172**

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	0.0632	0.0814	1.0015	2.7100e-003	0.2236	1.5300e-003	0.2251	0.0593	1.4100e-003	0.0607		218.1458	218.1458	9.9000e-003		218.3538
Total	**0.0632**	**0.0814**	**1.0015**	**2.7100e-003**	**0.2236**	**1.5300e-003**	**0.2251**	**0.0593**	**1.4100e-003**	**0.0607**		**218.1458**	**218.1458**	**9.9000e-003**		**218.3538**

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	0.0434	1.1110	1.9161	2.5300e-003		4.1400e-003	4.1400e-003		4.1400e-003	4.1400e-003	0.0000	259.1498	259.1498	0.0794		260.8172
Total	**0.0434**	**1.1110**	**1.9161**	**2.5300e-003**		**4.1400e-003**	**4.1400e-003**		**4.1400e-003**	**4.1400e-003**	**0.0000**	**259.1498**	**259.1498**	**0.0794**		**260.8172**

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	0.0632	0.0814	1.0015	2.7100e-003	0.2236	1.5300e-003	0.2251	0.0593	1.4100e-003	0.0607		218.1458	218.1458	9.9000e-003		218.3538
Total	**0.0632**	**0.0814**	**1.0015**	**2.7100e-003**	**0.2236**	**1.5300e-003**	**0.2251**	**0.0593**	**1.4100e-003**	**0.0607**		**218.1458**	**218.1458**	**9.9000e-003**		**218.3538**

3.6 Trenching - 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					
Off-Road	0.1987	1.9726	1.7638	2.5300e-003		0.1247	0.1247		0.1148	0.1148		254.9170	254.9170	0.0794		256.5835
Total	**0.1987**	**1.9726**	**1.7638**	**2.5300e-003**		**0.1247**	**0.1247**		**0.1148**	**0.1148**		**254.9170**	**254.9170**	**0.0794**		**256.5835**

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	0.0577	0.0743	0.9172	2.7100e-003	0.2236	1.5100e-003	0.2251	0.0593	1.4000e-003	0.0607		209.9732	209.9732	9.2400e-003		210.1672
Total	**0.0577**	**0.0743**	**0.9172**	**2.7100e-003**	**0.2236**	**1.5100e-003**	**0.2251**	**0.0593**	**1.4000e-003**	**0.0607**		**209.9732**	**209.9732**	**9.2400e-003**		**210.1672**

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	0.0434	1.1110	1.9161	2.5300e-003		4.1400e-003	4.1400e-003		4.1400e-003	4.1400e-003	0.0000	254.9170	254.9170	0.0794		256.5835
Total	**0.0434**	**1.1110**	**1.9161**	**2.5300e-003**		**4.1400e-003**	**4.1400e-003**		**4.1400e-003**	**4.1400e-003**	**0.0000**	**254.9170**	**254.9170**	**0.0794**		**256.5835**

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	0.0577	0.0743	0.9172	2.7100e-003	0.2236	1.5100e-003	0.2251	0.0593	1.4000e-003	0.0607		209.9732	209.9732	9.2400e-003		210.1672
Total	**0.0577**	**0.0743**	**0.9172**	**2.7100e-003**	**0.2236**	**1.5100e-003**	**0.2251**	**0.0593**	**1.4000e-003**	**0.0607**		**209.9732**	**209.9732**	**9.2400e-003**		**210.1672**

3.7 Architectural Coating 1 - Retail 1 - 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					
Archit. Coating	2.0516					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1228	0.7907	0.6280	9.9000e-004		0.0655	0.0655		0.0655	0.0655		93.8160	93.8160	0.0111		94.0483
Total	**2.1744**	**0.7907**	**0.6280**	**9.9000e-004**		**0.0655**	**0.0655**		**0.0655**	**0.0655**		**93.8160**	**93.8160**	**0.0111**		**94.0483**

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	0.0175	0.1730	0.2044	4.3000e-004	0.0125	2.7400e-003	0.0152	3.5600e-003	2.5200e-003	6.0800e-003		43.3718	43.3718	3.1000e-004		43.3782
Worker	0.0694	0.0896	1.0980	2.7100e-003	0.2236	1.5600e-003	0.2251	0.0593	1.4400e-003	0.0607		226.9203	226.9203	0.0107		227.1444
Total	**0.0869**	**0.2626**	**1.3024**	**3.1400e-003**	**0.2361**	**4.3000e-003**	**0.2404**	**0.0629**	**3.9600e-003**	**0.0668**		**270.2921**	**270.2921**	**0.0110**		**270.5226**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.0516					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0182	0.3533	0.6108	9.9000e-004		1.3200e-003	1.3200e-003		1.3200e-003	1.3200e-003	0.0000	93.8160	93.8160	0.0111		94.0483
Total	**2.0697**	**0.3533**	**0.6108**	**9.9000e-004**		**1.3200e-003**	**1.3200e-003**		**1.3200e-003**	**1.3200e-003**	**0.0000**	**93.8160**	**93.8160**	**0.0111**		**94.0483**

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	0.0175	0.1730	0.2044	4.3000e-004	0.0125	2.7400e-003	0.0152	3.5600e-003	2.5200e-003	6.0800e-003		43.3718	43.3718	3.1000e-004		43.3782
Worker	0.0694	0.0896	1.0980	2.7100e-003	0.2236	1.5600e-003	0.2251	0.0593	1.4400e-003	0.0607		226.9203	226.9203	0.0107		227.1444
Total	**0.0869**	**0.2626**	**1.3024**	**3.1400e-003**	**0.2361**	**4.3000e-003**	**0.2404**	**0.0629**	**3.9600e-003**	**0.0668**		**270.2921**	**270.2921**	**0.0110**		**270.5226**

3.7 Architectural Coating 1 - Retail 1 - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.0516					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1108	0.7283	0.6227	9.9000e-004		0.0578	0.0578		0.0578	0.0578		93.8160	93.8160	9.9000e-003		94.0240
Total	**2.1623**	**0.7283**	**0.6227**	**9.9000e-004**		**0.0578**	**0.0578**		**0.0578**	**0.0578**		**93.8160**	**93.8160**	**9.9000e-003**		**94.0240**

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	0.0161	0.1574	0.1923	4.3000e-004	0.0125	2.4500e-003	0.0150	3.5600e-003	2.2500e-003	5.8100e-003		42.6658	42.6658	3.0000e-004		42.6721
Worker	0.0632	0.0814	1.0015	2.7100e-003	0.2236	1.5300e-003	0.2251	0.0593	1.4100e-003	0.0607		218.1458	218.1458	9.9000e-003		218.3538
Total	**0.0793**	**0.2388**	**1.1938**	**3.1400e-003**	**0.2361**	**3.9800e-003**	**0.2400**	**0.0629**	**3.6600e-003**	**0.0665**		**260.8117**	**260.8117**	**0.0102**		**261.0259**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.0516					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0182	0.3533	0.6108	9.9000e-004		1.3200e-003	1.3200e-003		1.3200e-003	1.3200e-003	0.0000	93.8160	93.8160	9.9000e-003		94.0240
Total	**2.0697**	**0.3533**	**0.6108**	**9.9000e-004**		**1.3200e-003**	**1.3200e-003**		**1.3200e-003**	**1.3200e-003**	**0.0000**	**93.8160**	**93.8160**	**9.9000e-003**		**94.0240**

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	0.0161	0.1574	0.1923	4.3000e-004	0.0125	2.4500e-003	0.0150	3.5600e-003	2.2500e-003	5.8100e-003		42.6658	42.6658	3.0000e-004		42.6721
Worker	0.0632	0.0814	1.0015	2.7100e-003	0.2236	1.5300e-003	0.2251	0.0593	1.4100e-003	0.0607		218.1458	218.1458	9.9000e-003		218.3538
Total	**0.0793**	**0.2388**	**1.1938**	**3.1400e-003**	**0.2361**	**3.9800e-003**	**0.2400**	**0.0629**	**3.6600e-003**	**0.0665**		**260.8117**	**260.8117**	**0.0102**		**261.0259**

3.8 Grading - All Activities - 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					
Fugitive Dust					2.3861	0.0000	2.3861	0.2577	0.0000	0.2577			0.0000			0.0000
Off-Road	4.8507	55.9251	32.9984	0.0503		2.6841	2.6841		2.4842	2.4842		5,180.8942	5,180.8942	1.4939		5,212.2667
Total	**4.8507**	**55.9251**	**32.9984**	**0.0503**	**2.3861**	**2.6841**	**5.0702**	**0.2577**	**2.4842**	**2.7419**		**5,180.8942**	**5,180.8942**	**1.4939**		**5,212.2667**

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	0.2785	4.2005	3.0485	0.0112	0.4461	0.0632	0.5093	0.1170	0.0581	0.1751		1,130.0908	1,130.0908	8.0300e-003		1,130.2594
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	0.1735	0.2241	2.7449	6.7800e-003	0.5589	3.9000e-003	0.5628	0.1482	3.6000e-003	0.1518		567.3008	567.3008	0.0267		567.8610
Total	**0.4520**	**4.4246**	**5.7934**	**0.0180**	**1.0050**	**0.0671**	**1.0721**	**0.2653**	**0.0617**	**0.3270**		**1,697.3916**	**1,697.3916**	**0.0347**		**1,698.1205**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.9306	0.0000	0.9306	0.1005	0.0000	0.1005			0.0000			0.0000
Off-Road	0.8335	16.3978	30.4237	0.0503		0.1024	0.1024		0.1024	0.1024	0.0000	5,180.8942	5,180.8942	1.4939		5,212.2667
Total	**0.8335**	**16.3978**	**30.4237**	**0.0503**	**0.9306**	**0.1024**	**1.0330**	**0.1005**	**0.1024**	**0.2029**	**0.0000**	**5,180.8942**	**5,180.8942**	**1.4939**		**5,212.2667**

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	0.2785	4.2005	3.0485	0.0112	0.4461	0.0632	0.5093	0.1170	0.0581	0.1751		1,130.0908	1,130.0908	8.0300e-003		1,130.2594
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	0.1735	0.2241	2.7449	6.7800e-003	0.5589	3.9000e-003	0.5628	0.1482	3.6000e-003	0.1518		567.3008	567.3008	0.0267		567.8610
Total	**0.4520**	**4.4246**	**5.7934**	**0.0180**	**1.0050**	**0.0671**	**1.0721**	**0.2653**	**0.0617**	**0.3270**		**1,697.3916**	**1,697.3916**	**0.0347**		**1,698.1205**

3.8 Grading - All Activities - 2017

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					2.3861	0.0000	2.3861	0.2577	0.0000	0.2577			0.0000			0.0000
Off-Road	4.5277	51.7858	31.5386	0.0502		2.4612	2.4612		2.2775	2.2775		5,103.4009	5,103.4009	1.4900		5,134.6902
Total	**4.5277**	**51.7858**	**31.5386**	**0.0502**	**2.3861**	**2.4612**	**4.8473**	**0.2577**	**2.2775**	**2.5351**		**5,103.4009**	**5,103.4009**	**1.4900**		**5,134.6902**

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	0.2627	3.8525	2.9112	0.0112	0.4905	0.0578	0.5484	0.1279	0.0532	0.1811		1,111.4446	1,111.4446	7.8800e-003		1,111.6100
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	0.1579	0.2035	2.5037	6.7800e-003	0.5589	3.8200e-003	0.5627	0.1482	3.5300e-003	0.1517		545.3646	545.3646	0.0248		545.8845
Total	**0.4207**	**4.0560**	**5.4149**	**0.0180**	**1.0494**	**0.0616**	**1.1111**	**0.2762**	**0.0567**	**0.3329**		**1,656.8092**	**1,656.8092**	**0.0326**		**1,657.4945**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.9306	0.0000	0.9306	0.1005	0.0000	0.1005			0.0000			0.0000
Off-Road	0.8335	16.3978	30.4237	0.0502		0.1024	0.1024		0.1024	0.1024	0.0000	5,103.4009	5,103.4009	1.4900		5,134.6902
Total	**0.8335**	**16.3978**	**30.4237**	**0.0502**	**0.9306**	**0.1024**	**1.0330**	**0.1005**	**0.1024**	**0.2029**	**0.0000**	**5,103.4009**	**5,103.4009**	**1.4900**		**5,134.6902**

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	0.2627	3.8525	2.9112	0.0112	0.4905	0.0578	0.5484	0.1279	0.0532	0.1811		1,111.4446	1,111.4446	7.8800e-003		1,111.6100
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	0.1579	0.2035	2.5037	6.7800e-003	0.5589	3.8200e-003	0.5627	0.1482	3.5300e-003	0.1517		545.3646	545.3646	0.0248		545.8845
Total	**0.4207**	**4.0560**	**5.4149**	**0.0180**	**1.0494**	**0.0616**	**1.1111**	**0.2762**	**0.0567**	**0.3329**		**1,656.8092**	**1,656.8092**	**0.0326**		**1,657.4945**

3.9 Building Construction 2 - Retail 2 - 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	9.1185	70.4567	53.5313	0.0817		4.8743	4.8743		4.6992	4.6992		7,955.4375	7,955.4375	1.5512		7,988.0116
Total	**9.1185**	**70.4567**	**53.5313**	**0.0817**		**4.8743**	**4.8743**		**4.6992**	**4.6992**		**7,955.4375**	**7,955.4375**	**1.5512**		**7,988.0116**

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	0.1749	1.7300	2.0442	4.3300e-003	0.1250	0.0274	0.1524	0.0356	0.0252	0.0608		433.7177	433.7177	3.0800e-003		433.7824
Worker	0.6938	0.8964	10.9795	0.0271	2.2355	0.0156	2.2512	0.5929	0.0144	0.6073		2,269.2031	2,269.2031	0.1067		2,271.4441
Total	**0.8687**	**2.6265**	**13.0238**	**0.0315**	**2.3605**	**0.0430**	**2.4036**	**0.6285**	**0.0396**	**0.6681**		**2,702.9208**	**2,702.9208**	**0.1098**		**2,705.2265**

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	1.4950	33.8547	54.2147	0.0817		0.3327	0.3327		0.3327	0.3327	0.0000	7,955.4375	7,955.4375	1.5512		7,988.0116
Total	**1.4950**	**33.8547**	**54.2147**	**0.0817**		**0.3327**	**0.3327**		**0.3327**	**0.3327**	**0.0000**	**7,955.4375**	**7,955.4375**	**1.5512**		**7,988.0116**

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	0.1749	1.7300	2.0442	4.3300e-003	0.1250	0.0274	0.1524	0.0356	0.0252	0.0608		433.7177	433.7177	3.0800e-003		433.7824
Worker	0.6938	0.8964	10.9795	0.0271	2.2355	0.0156	2.2512	0.5929	0.0144	0.6073		2,269.2031	2,269.2031	0.1067		2,271.4441
Total	**0.8687**	**2.6265**	**13.0238**	**0.0315**	**2.3605**	**0.0430**	**2.4036**	**0.6285**	**0.0396**	**0.6681**		**2,702.9208**	**2,702.9208**	**0.1098**		**2,705.2265**

3.9 Building Construction 2 - Retail 2 - 2017

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	8.2177	64.6056	52.8761	0.0817		4.3335	4.3335		4.1772	4.1772		7,901.4950	7,901.4950	1.4983		7,932.9599
Total	**8.2177**	**64.6056**	**52.8761**	**0.0817**		**4.3335**	**4.3335**		**4.1772**	**4.1772**		**7,901.4950**	**7,901.4950**	**1.4983**		**7,932.9599**

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	0.1613	1.5740	1.9232	4.3200e-003	0.1250	0.0245	0.1495	0.0356	0.0225	0.0581		426.6584	426.6584	2.9800e-003		426.7210
Worker	0.6317	0.8140	10.0149	0.0271	2.2355	0.0153	2.2508	0.5929	0.0141	0.6070		2,181.4582	2,181.4582	0.0990		2,183.5378
Total	**0.7931**	**2.3880**	**11.9380**	**0.0315**	**2.3606**	**0.0397**	**2.4003**	**0.6285**	**0.0366**	**0.6651**		**2,608.1167**	**2,608.1167**	**0.1020**		**2,610.2588**

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	1.4950	33.8547	54.2147	0.0817		0.3327	0.3327		0.3327	0.3327	0.0000	7,901.4950	7,901.4950	1.4983		7,932.9598
Total	**1.4950**	**33.8547**	**54.2147**	**0.0817**		**0.3327**	**0.3327**		**0.3327**	**0.3327**	**0.0000**	**7,901.4950**	**7,901.4950**	**1.4983**		**7,932.9598**

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	0.1613	1.5740	1.9232	4.3200e-003	0.1250	0.0245	0.1495	0.0356	0.0225	0.0581		426.6584	426.6584	2.9800e-003		426.7210
Worker	0.6317	0.8140	10.0149	0.0271	2.2355	0.0153	2.2508	0.5929	0.0141	0.6070		2,181.4582	2,181.4582	0.0990		2,183.5378
Total	**0.7931**	**2.3880**	**11.9380**	**0.0315**	**2.3606**	**0.0397**	**2.4003**	**0.6285**	**0.0366**	**0.6651**		**2,608.1167**	**2,608.1167**	**0.1020**		**2,610.2588**

3.9 Building Construction 2 - Retail 2 - 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					
Off-Road	7.1068	56.6555	51.8749	0.0817		3.6323	3.6323		3.5081	3.5081		7,847.4449	7,847.4449	1.4453		7,877.7965
Total	**7.1068**	**56.6555**	**51.8749**	**0.0817**		**3.6323**	**3.6323**		**3.5081**	**3.5081**		**7,847.4449**	**7,847.4449**	**1.4453**		**7,877.7965**

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	0.1511	1.4448	1.8256	4.3100e-003	0.1250	0.0231	0.1481	0.0356	0.0212	0.0568		419.4148	419.4148	2.9700e-003		419.4771
Worker	0.5766	0.7428	9.1718	0.0271	2.2355	0.0151	2.2506	0.5929	0.0140	0.6069		2,099.7317	2,099.7317	0.0924		2,101.6724
Total	**0.7277**	**2.1876**	**10.9975**	**0.0314**	**2.3605**	**0.0382**	**2.3987**	**0.6285**	**0.0352**	**0.6637**		**2,519.1464**	**2,519.1464**	**0.0954**		**2,521.1494**

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	1.4950	33.8547	54.2147	0.0817		0.3327	0.3327		0.3327	0.3327	0.0000	7,847.4449	7,847.4449	1.4453		7,877.7965
Total	**1.4950**	**33.8547**	**54.2147**	**0.0817**		**0.3327**	**0.3327**		**0.3327**	**0.3327**	**0.0000**	**7,847.4449**	**7,847.4449**	**1.4453**		**7,877.7965**

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	0.1511	1.4448	1.8256	4.3100e-003	0.1250	0.0231	0.1481	0.0356	0.0212	0.0568		419.4148	419.4148	2.9700e-003		419.4771
Worker	0.5766	0.7428	9.1718	0.0271	2.2355	0.0151	2.2506	0.5929	0.0140	0.6069		2,099.7317	2,099.7317	0.0924		2,101.6724
Total	**0.7277**	**2.1876**	**10.9975**	**0.0314**	**2.3605**	**0.0382**	**2.3987**	**0.6285**	**0.0352**	**0.6637**		**2,519.1464**	**2,519.1464**	**0.0954**		**2,521.1494**

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	4.1149	33.3222	24.5448	0.0391		2.2248	2.2248		2.1631	2.1631		3,808.6785	3,808.6785	0.6579		3,822.4934
Total	**4.1149**	**33.3222**	**24.5448**	**0.0391**		**2.2248**	**2.2248**		**2.1631**	**2.1631**		**3,808.6785**	**3,808.6785**	**0.6579**		**3,822.4934**

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	0.0874	0.8650	1.0221	2.1600e-003	0.0625	0.0137	0.0762	0.0178	0.0126	0.0304		216.8589	216.8589	1.5400e-003		216.8912
Worker	0.3469	0.4482	5.4898	0.0136	1.1178	7.8100e-003	1.1256	0.2964	7.2000e-003	0.3036		1,134.6015	1,134.6015	0.0534		1,135.7220
Total	**0.4344**	**1.3132**	**6.5119**	**0.0157**	**1.1803**	**0.0215**	**1.2018**	**0.3142**	**0.0198**	**0.3340**		**1,351.4604**	**1,351.4604**	**0.0549**		**1,352.6132**

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	0.7110	14.9756	25.2821	0.0391		0.0900	0.0900		0.0900	0.0900	0.0000	3,808.6785	3,808.6785	0.6579		3,822.4934
Total	**0.7110**	**14.9756**	**25.2821**	**0.0391**		**0.0900**	**0.0900**		**0.0900**	**0.0900**	**0.0000**	**3,808.6785**	**3,808.6785**	**0.6579**		**3,822.4934**

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	0.0874	0.8650	1.0221	2.1600e-003	0.0625	0.0137	0.0762	0.0178	0.0126	0.0304		216.8589	216.8589	1.5400e-003		216.8912
Worker	0.3469	0.4482	5.4898	0.0136	1.1178	7.8100e-003	1.1256	0.2964	7.2000e-003	0.3036		1,134.6015	1,134.6015	0.0534		1,135.7220
Total	**0.4344**	**1.3132**	**6.5119**	**0.0157**	**1.1803**	**0.0215**	**1.2018**	**0.3142**	**0.0198**	**0.3340**		**1,351.4604**	**1,351.4604**	**0.0549**		**1,352.6132**

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	3.6960	30.4215	24.2171	0.0392		1.9653	1.9653		1.9109	1.9109		3,787.8282	3,787.8282	0.6323		3,801.1073
Total	**3.6960**	**30.4215**	**24.2171**	**0.0392**		**1.9653**	**1.9653**		**1.9109**	**1.9109**		**3,787.8282**	**3,787.8282**	**0.6323**		**3,801.1073**

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	0.0807	0.7870	0.9616	2.1600e-003	0.0625	0.0122	0.0748	0.0178	0.0113	0.0291		213.3292	213.3292	1.4900e-003		213.3605
Worker	0.3159	0.4070	5.0074	0.0136	1.1178	7.6300e-003	1.1254	0.2964	7.0500e-003	0.3035		1,090.7291	1,090.7291	0.0495		1,091.7689
Total	**0.3965**	**1.1940**	**5.9690**	**0.0157**	**1.1803**	**0.0199**	**1.2002**	**0.3142**	**0.0183**	**0.3326**		**1,304.0583**	**1,304.0583**	**0.0510**		**1,305.1294**

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	0.7110	14.9756	25.2821	0.0392		0.0900	0.0900		0.0900	0.0900	0.0000	3,787.8282	3,787.8282	0.6323		3,801.1073
Total	**0.7110**	**14.9756**	**25.2821**	**0.0392**		**0.0900**	**0.0900**		**0.0900**	**0.0900**	**0.0000**	**3,787.8282**	**3,787.8282**	**0.6323**		**3,801.1073**

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	0.0807	0.7870	0.9616	2.1600e-003	0.0625	0.0122	0.0748	0.0178	0.0113	0.0291		213.3292	213.3292	1.4900e-003		213.3605
Worker	0.3159	0.4070	5.0074	0.0136	1.1178	7.6300e-003	1.1254	0.2964	7.0500e-003	0.3035		1,090.7291	1,090.7291	0.0495		1,091.7689
Total	**0.3965**	**1.1940**	**5.9690**	**0.0157**	**1.1803**	**0.0199**	**1.2002**	**0.3142**	**0.0183**	**0.3326**		**1,304.0583**	**1,304.0583**	**0.0510**		**1,305.1294**

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	3.2183	26.8580	23.7686	0.0392		1.6576	1.6576		1.6147	1.6147		3,766.8482	3,766.8482	0.6058		3,779.5696
Total	**3.2183**	**26.8580**	**23.7686**	**0.0392**		**1.6576**	**1.6576**		**1.6147**	**1.6147**		**3,766.8482**	**3,766.8482**	**0.6058**		**3,779.5696**

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	0.0755	0.7224	0.9128	2.1600e-003	0.0625	0.0115	0.0740	0.0178	0.0106	0.0284		209.7074	209.7074	1.4800e-003		209.7385
Worker	0.2883	0.3714	4.5859	0.0136	1.1178	7.5500e-003	1.1253	0.2964	6.9900e-003	0.3034		1,049.8658	1,049.8658	0.0462		1,050.8362
Total	**0.3639**	**1.0938**	**5.4987**	**0.0157**	**1.1803**	**0.0191**	**1.1993**	**0.3142**	**0.0176**	**0.3318**		**1,259.5732**	**1,259.5732**	**0.0477**		**1,260.5747**

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	0.7110	14.9756	25.2821	0.0392		0.0900	0.0900		0.0900	0.0900	0.0000	3,766.8482	3,766.8482	0.6058		3,779.5696
Total	**0.7110**	**14.9756**	**25.2821**	**0.0392**		**0.0900**	**0.0900**		**0.0900**	**0.0900**	**0.0000**	**3,766.8482**	**3,766.8482**	**0.6058**		**3,779.5696**

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	0.0755	0.7224	0.9128	2.1600e-003	0.0625	0.0115	0.0740	0.0178	0.0106	0.0284		209.7074	209.7074	1.4800e-003		209.7385
Worker	0.2883	0.3714	4.5859	0.0136	1.1178	7.5500e-003	1.1253	0.2964	6.9900e-003	0.3034		1,049.8658	1,049.8658	0.0462		1,050.8362
Total	**0.3639**	**1.0938**	**5.4987**	**0.0157**	**1.1803**	**0.0191**	**1.1993**	**0.3142**	**0.0176**	**0.3318**		**1,259.5732**	**1,259.5732**	**0.0477**		**1,260.5747**

3.11 Architectural Coating 2 - Retail 2 - 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					
Archit. Coating	18.2321					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.8772	7.0514	6.4806	0.0101		0.4881	0.4881		0.4805	0.4805		991.8884	991.8884	0.1958		995.9994
Total	**19.1093**	**7.0514**	**6.4806**	**0.0101**		**0.4881**	**0.4881**		**0.4805**	**0.4805**		**991.8884**	**991.8884**	**0.1958**		**995.9994**

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	0.0350	0.3460	0.4089	8.7000e-004	0.0250	5.4800e-003	0.0305	7.1200e-003	5.0400e-003	0.0122		86.7436	86.7436	6.2000e-004		86.7565
Worker	0.0694	0.0896	1.0980	2.7100e-003	0.2236	1.5600e-003	0.2251	0.0593	1.4400e-003	0.0607		226.9203	226.9203	0.0107		227.1444
Total	**0.1044**	**0.4357**	**1.5068**	**3.5800e-003**	**0.2486**	**7.0400e-003**	**0.2556**	**0.0664**	**6.4800e-003**	**0.0729**		**313.6639**	**313.6639**	**0.0113**		**313.9009**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.2321					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2107	4.4417	6.8004	0.0101		0.1028	0.1028		0.1028	0.1028	0.0000	991.8884	991.8884	0.1958		995.9994
Total	**18.4428**	**4.4417**	**6.8004**	**0.0101**		**0.1028**	**0.1028**		**0.1028**	**0.1028**	**0.0000**	**991.8884**	**991.8884**	**0.1958**		**995.9994**

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	0.0350	0.3460	0.4089	8.7000e-004	0.0250	5.4800e-003	0.0305	7.1200e-003	5.0400e-003	0.0122		86.7436	86.7436	6.2000e-004		86.7565
Worker	0.0694	0.0896	1.0980	2.7100e-003	0.2236	1.5600e-003	0.2251	0.0593	1.4400e-003	0.0607		226.9203	226.9203	0.0107		227.1444
Total	**0.1044**	**0.4357**	**1.5068**	**3.5800e-003**	**0.2486**	**7.0400e-003**	**0.2556**	**0.0664**	**6.4800e-003**	**0.0729**		**313.6639**	**313.6639**	**0.0113**		**313.9009**

3.11 Architectural Coating 2 - Retail 2 - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.2321					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.7855	6.3732	6.4347	0.0101		0.4174	0.4174		0.4117	0.4117		985.2201	985.2201	0.1888		989.1855
Total	**19.0177**	**6.3732**	**6.4347**	**0.0101**		**0.4174**	**0.4174**		**0.4117**	**0.4117**		**985.2201**	**985.2201**	**0.1888**		**989.1855**

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	0.0323	0.3148	0.3846	8.6000e-004	0.0250	4.8900e-003	0.0299	7.1200e-003	4.5000e-003	0.0116		85.3317	85.3317	6.0000e-004		85.3442
Worker	0.0632	0.0814	1.0015	2.7100e-003	0.2236	1.5300e-003	0.2251	0.0593	1.4100e-003	0.0607		218.1458	218.1458	9.9000e-003		218.3538
Total	**0.0954**	**0.3962**	**1.3861**	**3.5700e-003**	**0.2486**	**6.4200e-003**	**0.2550**	**0.0664**	**5.9100e-003**	**0.0723**		**303.4775**	**303.4775**	**0.0105**		**303.6980**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.2321					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2107	4.4417	6.8004	0.0101		0.1028	0.1028		0.1028	0.1028	0.0000	985.2201	985.2201	0.1888		989.1855
Total	**18.4428**	**4.4417**	**6.8004**	**0.0101**		**0.1028**	**0.1028**		**0.1028**	**0.1028**	**0.0000**	**985.2201**	**985.2201**	**0.1888**		**989.1855**

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	0.0323	0.3148	0.3846	8.6000e-004	0.0250	4.8900e-003	0.0299	7.1200e-003	4.5000e-003	0.0116		85.3317	85.3317	6.0000e-004		85.3442
Worker	0.0632	0.0814	1.0015	2.7100e-003	0.2236	1.5300e-003	0.2251	0.0593	1.4100e-003	0.0607		218.1458	218.1458	9.9000e-003		218.3538
Total	**0.0954**	**0.3962**	**1.3861**	**3.5700e-003**	**0.2486**	**6.4200e-003**	**0.2550**	**0.0664**	**5.9100e-003**	**0.0723**		**303.4775**	**303.4775**	**0.0105**		**303.6980**

3.11 Architectural Coating 2 - Retail 2 - 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					
Archit. Coating	18.2321					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.7006	5.7603	6.3922	0.0101		0.3495	0.3495		0.3456	0.3456		978.5529	978.5529	0.1829		982.3935
Total	**18.9327**	**5.7603**	**6.3922**	**0.0101**		**0.3495**	**0.3495**		**0.3456**	**0.3456**		**978.5529**	**978.5529**	**0.1829**		**982.3935**

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	0.0302	0.2890	0.3651	8.6000e-004	0.0250	4.6100e-003	0.0296	7.1200e-003	4.2400e-003	0.0114		83.8830	83.8830	5.9000e-004		83.8954
Worker	0.0577	0.0743	0.9172	2.7100e-003	0.2236	1.5100e-003	0.2251	0.0593	1.4000e-003	0.0607		209.9732	209.9732	9.2400e-003		210.1672
Total	**0.0879**	**0.3633**	**1.2823**	**3.5700e-003**	**0.2486**	**6.1200e-003**	**0.2547**	**0.0664**	**5.6400e-003**	**0.0720**		**293.8561**	**293.8561**	**9.8300e-003**		**294.0627**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.2321					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2107	4.4417	6.8004	0.0101		0.1028	0.1028		0.1028	0.1028	0.0000	978.5528	978.5528	0.1829		982.3935
Total	**18.4428**	**4.4417**	**6.8004**	**0.0101**		**0.1028**	**0.1028**		**0.1028**	**0.1028**	**0.0000**	**978.5528**	**978.5528**	**0.1829**		**982.3935**

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	0.0302	0.2890	0.3651	8.6000e-004	0.0250	4.6100e-003	0.0296	7.1200e-003	4.2400e-003	0.0114		83.8830	83.8830	5.9000e-004		83.8954
Worker	0.0577	0.0743	0.9172	2.7100e-003	0.2236	1.5100e-003	0.2251	0.0593	1.4000e-003	0.0607		209.9732	209.9732	9.2400e-003		210.1672
Total	**0.0879**	**0.3633**	**1.2823**	**3.5700e-003**	**0.2486**	**6.1200e-003**	**0.2547**	**0.0664**	**5.6400e-003**	**0.0720**		**293.8561**	**293.8561**	**9.8300e-003**		**294.0627**

3.12 Architectural Coating 3 - Residential - 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					
Archit. Coating	20.3361					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2193	1.7629	1.6201	2.5200e-003		0.1220	0.1220		0.1201	0.1201		247.9721	247.9721	0.0489		248.9999
Total	**20.5554**	**1.7629**	**1.6201**	**2.5200e-003**		**0.1220**	**0.1220**		**0.1201**	**0.1201**		**247.9721**	**247.9721**	**0.0489**		**248.9999**

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	0.0525	0.5190	0.6133	1.3000e-003	0.0375	8.2200e-003	0.0457	0.0107	7.5600e-003	0.0182		130.1153	130.1153	9.2000e-004		130.1347
Worker	0.0694	0.0896	1.0980	2.7100e-003	0.2236	1.5600e-003	0.2251	0.0593	1.4400e-003	0.0607		226.9203	226.9203	0.0107		227.1444
Total	**0.1218**	**0.6087**	**1.7112**	**4.0100e-003**	**0.2611**	**9.7800e-003**	**0.2708**	**0.0700**	**9.0000e-003**	**0.0790**		**357.0356**	**357.0356**	**0.0116**		**357.2791**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	20.3361					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0527	1.1104	1.7001	2.5200e-003		0.0257	0.0257		0.0257	0.0257	0.0000	247.9721	247.9721	0.0489		248.9999
Total	**20.3887**	**1.1104**	**1.7001**	**2.5200e-003**		**0.0257**	**0.0257**		**0.0257**	**0.0257**	**0.0000**	**247.9721**	**247.9721**	**0.0489**		**248.9999**

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	0.0525	0.5190	0.6133	1.3000e-003	0.0375	8.2200e-003	0.0457	0.0107	7.5600e-003	0.0182		130.1153	130.1153	9.2000e-004		130.1347
Worker	0.0694	0.0896	1.0980	2.7100e-003	0.2236	1.5600e-003	0.2251	0.0593	1.4400e-003	0.0607		226.9203	226.9203	0.0107		227.1444
Total	**0.1218**	**0.6087**	**1.7112**	**4.0100e-003**	**0.2611**	**9.7800e-003**	**0.2708**	**0.0700**	**9.0000e-003**	**0.0790**		**357.0356**	**357.0356**	**0.0116**		**357.2791**

3.12 Architectural Coating 3 - Residential - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	20.3361					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1964	1.5933	1.6087	2.5200e-003		0.1043	0.1043		0.1029	0.1029		246.3050	246.3050	0.0472		247.2964
Total	**20.5324**	**1.5933**	**1.6087**	**2.5200e-003**		**0.1043**	**0.1043**		**0.1029**	**0.1029**		**246.3050**	**246.3050**	**0.0472**		**247.2964**

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	0.0484	0.4722	0.5770	1.3000e-003	0.0375	7.3400e-003	0.0449	0.0107	6.7500e-003	0.0174		127.9975	127.9975	8.9000e-004		128.0163
Worker	0.0632	0.0814	1.0015	2.7100e-003	0.2236	1.5300e-003	0.2251	0.0593	1.4100e-003	0.0607		218.1458	218.1458	9.9000e-003		218.3538
Total	**0.1116**	**0.5536**	**1.5784**	**4.0100e-003**	**0.2611**	**8.8700e-003**	**0.2699**	**0.0700**	**8.1600e-003**	**0.0781**		**346.1434**	**346.1434**	**0.0108**		**346.3701**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	20.3361					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0527	1.1104	1.7001	2.5200e-003		0.0257	0.0257		0.0257	0.0257	0.0000	246.3050	246.3050	0.0472		247.2964
Total	**20.3887**	**1.1104**	**1.7001**	**2.5200e-003**		**0.0257**	**0.0257**		**0.0257**	**0.0257**	**0.0000**	**246.3050**	**246.3050**	**0.0472**		**247.2964**

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	0.0484	0.4722	0.5770	1.3000e-003	0.0375	7.3400e-003	0.0449	0.0107	6.7500e-003	0.0174		127.9975	127.9975	8.9000e-004		128.0163
Worker	0.0632	0.0814	1.0015	2.7100e-003	0.2236	1.5300e-003	0.2251	0.0593	1.4100e-003	0.0607		218.1458	218.1458	9.9000e-003		218.3538
Total	**0.1116**	**0.5536**	**1.5784**	**4.0100e-003**	**0.2611**	**8.8700e-003**	**0.2699**	**0.0700**	**8.1600e-003**	**0.0781**		**346.1434**	**346.1434**	**0.0108**		**346.3701**

3.12 Architectural Coating 3 - Residential - 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					
Archit. Coating	20.3361					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1752	1.4401	1.5980	2.5200e-003		0.0874	0.0874		0.0864	0.0864		244.6382	244.6382	0.0457		245.5984
Total	**20.5112**	**1.4401**	**1.5980**	**2.5200e-003**		**0.0874**	**0.0874**		**0.0864**	**0.0864**		**244.6382**	**244.6382**	**0.0457**		**245.5984**

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	0.0453	0.4335	0.5477	1.2900e-003	0.0375	6.9200e-003	0.0444	0.0107	6.3600e-003	0.0170		125.8244	125.8244	8.9000e-004		125.8431
Worker	0.0577	0.0743	0.9172	2.7100e-003	0.2236	1.5100e-003	0.2251	0.0593	1.4000e-003	0.0607		209.9732	209.9732	9.2400e-003		210.1672
Total	**0.1030**	**0.5077**	**1.4649**	**4.0000e-003**	**0.2611**	**8.4300e-003**	**0.2695**	**0.0700**	**7.7600e-003**	**0.0777**		**335.7976**	**335.7976**	**0.0101**		**336.0104**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	20.3361					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0527	1.1104	1.7001	2.5200e-003		0.0257	0.0257		0.0257	0.0257	0.0000	244.6382	244.6382	0.0457		245.5984
Total	**20.3887**	**1.1104**	**1.7001**	**2.5200e-003**		**0.0257**	**0.0257**		**0.0257**	**0.0257**	**0.0000**	**244.6382**	**244.6382**	**0.0457**		**245.5984**

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	0.0453	0.4335	0.5477	1.2900e-003	0.0375	6.9200e-003	0.0444	0.0107	6.3600e-003	0.0170		125.8244	125.8244	8.9000e-004		125.8431
Worker	0.0577	0.0743	0.9172	2.7100e-003	0.2236	1.5100e-003	0.2251	0.0593	1.4000e-003	0.0607		209.9732	209.9732	9.2400e-003		210.1672
Total	**0.1030**	**0.5077**	**1.4649**	**4.0000e-003**	**0.2611**	**8.4300e-003**	**0.2695**	**0.0700**	**7.7600e-003**	**0.0777**		**335.7976**	**335.7976**	**0.0101**		**336.0104**

3.13 Grading - Export 2 - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0565	0.0000	0.0565	8.5600e-003	0.0000	8.5600e-003			0.0000			0.0000
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**	**0.0565**	**0.0000**	**0.0565**	**8.5600e-003**	**0.0000**	**8.5600e-003**		**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	1.0777	15.8012	11.9406	0.0459	1.0893	0.2371	1.3265	0.2983	0.2181	0.5164		4,558.6588	4,558.6588	0.0323		4,559.3373
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	**1.0777**	**15.8012**	**11.9406**	**0.0459**	**1.0893**	**0.2371**	**1.3265**	**0.2983**	**0.2181**	**0.5164**		**4,558.6588**	**4,558.6588**	**0.0323**		**4,559.3373**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0221	0.0000	0.0221	3.3400e-003	0.0000	3.3400e-003			0.0000			0.0000
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**	**0.0221**	**0.0000**	**0.0221**	**3.3400e-003**	**0.0000**	**3.3400e-003**	**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	1.0777	15.8012	11.9406	0.0459	1.0893	0.2371	1.3265	0.2983	0.2181	0.5164		4,558.6588	4,558.6588	0.0323		4,559.3373
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	**1.0777**	**15.8012**	**11.9406**	**0.0459**	**1.0893**	**0.2371**	**1.3265**	**0.2983**	**0.2181**	**0.5164**		**4,558.6588**	**4,558.6588**	**0.0323**		**4,559.3373**

3.14 Building Construction 4 - Parking - 2017

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	0.7247	5.8039	4.7222	7.1500e-003		0.4205	0.4205		0.4033	0.4033		693.3847	693.3847	0.1227		695.9622
Total	**0.7247**	**5.8039**	**4.7222**	**7.1500e-003**		**0.4205**	**0.4205**		**0.4033**	**0.4033**		**693.3847**	**693.3847**	**0.1227**		**695.9622**

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	0.0323	0.3148	0.3846	8.6000e-004	0.0250	4.8900e-003	0.0299	7.1200e-003	4.5000e-003	0.0116		85.3317	85.3317	6.0000e-004		85.3442
Worker	0.3159	0.4070	5.0074	0.0136	1.1178	7.6300e-003	1.1254	0.2964	7.0500e-003	0.3035		1,090.7291	1,090.7291	0.0495		1,091.7689
Total	**0.3481**	**0.7218**	**5.3921**	**0.0144**	**1.1428**	**0.0125**	**1.1553**	**0.3036**	**0.0116**	**0.3151**		**1,176.0608**	**1,176.0608**	**0.0501**		**1,177.1131**

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	0.1430	2.9166	4.7830	7.1500e-003		0.0246	0.0246		0.0246	0.0246	0.0000	693.3847	693.3847	0.1227		695.9622
Total	**0.1430**	**2.9166**	**4.7830**	**7.1500e-003**		**0.0246**	**0.0246**		**0.0246**	**0.0246**	**0.0000**	**693.3847**	**693.3847**	**0.1227**		**695.9622**

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	0.0323	0.3148	0.3846	8.6000e-004	0.0250	4.8900e-003	0.0299	7.1200e-003	4.5000e-003	0.0116		85.3317	85.3317	6.0000e-004		85.3442
Worker	0.3159	0.4070	5.0074	0.0136	1.1178	7.6300e-003	1.1254	0.2964	7.0500e-003	0.3035		1,090.7291	1,090.7291	0.0495		1,091.7689
Total	**0.3481**	**0.7218**	**5.3921**	**0.0144**	**1.1428**	**0.0125**	**1.1553**	**0.3036**	**0.0116**	**0.3151**		**1,176.0608**	**1,176.0608**	**0.0501**		**1,177.1131**

3.14 Building Construction 4 - Parking - 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					
Off-Road	0.6294	5.1956	4.6454	7.1500e-003		0.3568	0.3568		0.3426	0.3426		688.8785	688.8785	0.1185		691.3670
Total	**0.6294**	**5.1956**	**4.6454**	**7.1500e-003**		**0.3568**	**0.3568**		**0.3426**	**0.3426**		**688.8785**	**688.8785**	**0.1185**		**691.3670**

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	0.0302	0.2890	0.3651	8.6000e-004	0.0250	4.6100e-003	0.0296	7.1200e-003	4.2400e-003	0.0114		83.8830	83.8830	5.9000e-004		83.8954
Worker	0.2883	0.3714	4.5859	0.0136	1.1178	7.5500e-003	1.1253	0.2964	6.9900e-003	0.3034		1,049.8658	1,049.8658	0.0462		1,050.8362
Total	**0.3185**	**0.6604**	**4.9510**	**0.0144**	**1.1428**	**0.0122**	**1.1549**	**0.3036**	**0.0112**	**0.3148**		**1,133.7488**	**1,133.7488**	**0.0468**		**1,134.7316**

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	0.1430	2.9166	4.7830	7.1500e-003		0.0246	0.0246		0.0246	0.0246	0.0000	688.8785	688.8785	0.1185		691.3670
Total	**0.1430**	**2.9166**	**4.7830**	**7.1500e-003**		**0.0246**	**0.0246**		**0.0246**	**0.0246**	**0.0000**	**688.8785**	**688.8785**	**0.1185**		**691.3670**

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	0.0302	0.2890	0.3651	8.6000e-004	0.0250	4.6100e-003	0.0296	7.1200e-003	4.2400e-003	0.0114		83.8830	83.8830	5.9000e-004		83.8954
Worker	0.2883	0.3714	4.5859	0.0136	1.1178	7.5500e-003	1.1253	0.2964	6.9900e-003	0.3034		1,049.8658	1,049.8658	0.0462		1,050.8362
Total	**0.3185**	**0.6604**	**4.9510**	**0.0144**	**1.1428**	**0.0122**	**1.1549**	**0.3036**	**0.0112**	**0.3148**		**1,133.7488**	**1,133.7488**	**0.0468**		**1,134.7316**

3.15 Demolition 2 - 2017

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					4.1705	0.0000	4.1705	0.6315	0.0000	0.6315			0.0000			0.0000
Off-Road	1.7614	19.5333	12.0497	0.0216		0.9891	0.9891		0.9239	0.9239		2,182.8299	2,182.8299	0.6123		2,195.6881
Total	**1.7614**	**19.5333**	**12.0497**	**0.0216**	**4.1705**	**0.9891**	**5.1597**	**0.6315**	**0.9239**	**1.5553**		**2,182.8299**	**2,182.8299**	**0.6123**		**2,195.6881**

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	0.3325	4.8755	3.6843	0.0142	0.3361	0.0732	0.4093	0.0920	0.0673	0.1593		1,406.5702	1,406.5702	9.9700e-003		1,406.7795
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	0.1895	0.2442	3.0045	8.1400e-003	0.6707	4.5800e-003	0.6752	0.1779	4.2300e-003	0.1821		654.4375	654.4375	0.0297		655.0613
Total	**0.5220**	**5.1197**	**6.6887**	**0.0223**	**1.0068**	**0.0778**	**1.0845**	**0.2699**	**0.0715**	**0.3414**		**2,061.0077**	**2,061.0077**	**0.0397**		**2,061.8409**

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					1.6265	0.0000	1.6265	0.2463	0.0000	0.2463			0.0000			0.0000
Off-Road	0.3765	8.1769	14.1744	0.0216		0.0873	0.0873		0.0873	0.0873	0.0000	2,182.8299	2,182.8299	0.6123		2,195.6881
Total	**0.3765**	**8.1769**	**14.1744**	**0.0216**	**1.6265**	**0.0873**	**1.7138**	**0.2463**	**0.0873**	**0.3336**	**0.0000**	**2,182.8299**	**2,182.8299**	**0.6123**		**2,195.6881**

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	0.3325	4.8755	3.6843	0.0142	0.3361	0.0732	0.4093	0.0920	0.0673	0.1593		1,406.5702	1,406.5702	9.9700e-003		1,406.7795
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	0.1895	0.2442	3.0045	8.1400e-003	0.6707	4.5800e-003	0.6752	0.1779	4.2300e-003	0.1821		654.4375	654.4375	0.0297		655.0613
Total	**0.5220**	**5.1197**	**6.6887**	**0.0223**	**1.0068**	**0.0778**	**1.0845**	**0.2699**	**0.0715**	**0.3414**		**2,061.0077**	**2,061.0077**	**0.0397**		**2,061.8409**

3.16 Grading - Export 3 - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0565	0.0000	0.0565	8.5600e-003	0.0000	8.5600e-003			0.0000			0.0000
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**	**0.0565**	**0.0000**	**0.0565**	**8.5600e-003**	**0.0000**	**8.5600e-003**		**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	1.0777	15.8012	11.9406	0.0459	1.0893	0.2371	1.3265	0.2983	0.2181	0.5164		4,558.6588	4,558.6588	0.0323		4,559.3373
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	**1.0777**	**15.8012**	**11.9406**	**0.0459**	**1.0893**	**0.2371**	**1.3265**	**0.2983**	**0.2181**	**0.5164**		**4,558.6588**	**4,558.6588**	**0.0323**		**4,559.3373**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0221	0.0000	0.0221	3.3400e-003	0.0000	3.3400e-003			0.0000			0.0000
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**	**0.0221**	**0.0000**	**0.0221**	**3.3400e-003**	**0.0000**	**3.3400e-003**	**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	1.0777	15.8012	11.9406	0.0459	1.0893	0.2371	1.3265	0.2983	0.2181	0.5164		4,558.6588	4,558.6588	0.0323		4,559.3373
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	**1.0777**	**15.8012**	**11.9406**	**0.0459**	**1.0893**	**0.2371**	**1.3265**	**0.2983**	**0.2181**	**0.5164**		**4,558.6588**	**4,558.6588**	**0.0323**		**4,559.3373**

3.17 Paving - 2017

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	0.1546	1.6705	1.2375	1.9000e-003		0.0912	0.0912		0.0839	0.0839		193.8601	193.8601	0.0594		195.1075
Paving	0.3706					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.5251**	**1.6705**	**1.2375**	**1.9000e-003**		**0.0912**	**0.0912**		**0.0839**	**0.0839**		**193.8601**	**193.8601**	**0.0594**		**195.1075**

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	0.1613	1.5740	1.9232	4.3200e-003	0.1250	0.0245	0.1495	0.0356	0.0225	0.0581		426.6584	426.6584	2.9800e-003		426.7210
Worker	0.0632	0.0814	1.0015	2.7100e-003	0.2236	1.5300e-003	0.2251	0.0593	1.4100e-003	0.0607		218.1458	218.1458	9.9000e-003		218.3538
Total	**0.2245**	**1.6554**	**2.9246**	**7.0300e-003**	**0.3486**	**0.0260**	**0.3746**	**0.0949**	**0.0239**	**0.1188**		**644.8042**	**644.8042**	**0.0129**		**645.0748**

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	0.0267	0.8359	1.4397	1.9000e-003		3.1100e-003	3.1100e-003		3.1100e-003	3.1100e-003	0.0000	193.8601	193.8601	0.0594		195.1075
Paving	0.3706					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3973**	**0.8359**	**1.4397**	**1.9000e-003**		**3.1100e-003**	**3.1100e-003**		**3.1100e-003**	**3.1100e-003**	**0.0000**	**193.8601**	**193.8601**	**0.0594**		**195.1075**

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	0.1613	1.5740	1.9232	4.3200e-003	0.1250	0.0245	0.1495	0.0356	0.0225	0.0581		426.6584	426.6584	2.9800e-003		426.7210
Worker	0.0632	0.0814	1.0015	2.7100e-003	0.2236	1.5300e-003	0.2251	0.0593	1.4100e-003	0.0607		218.1458	218.1458	9.9000e-003		218.3538
Total	**0.2245**	**1.6554**	**2.9246**	**7.0300e-003**	**0.3486**	**0.0260**	**0.3746**	**0.0949**	**0.0239**	**0.1188**		**644.8042**	**644.8042**	**0.0129**		**645.0748**

3.17 Paving - 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					
Off-Road	0.1300	1.4000	1.2181	1.9000e-003		0.0747	0.0747		0.0687	0.0687		190.8035	190.8035	0.0594		192.0509
Paving	0.3706					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.5005**	**1.4000**	**1.2181**	**1.9000e-003**		**0.0747**	**0.0747**		**0.0687**	**0.0687**		**190.8035**	**190.8035**	**0.0594**		**192.0509**

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	0.1511	1.4448	1.8256	4.3100e-003	0.1250	0.0231	0.1481	0.0356	0.0212	0.0568		419.4148	419.4148	2.9700e-003		419.4771
Worker	0.0577	0.0743	0.9172	2.7100e-003	0.2236	1.5100e-003	0.2251	0.0593	1.4000e-003	0.0607		209.9732	209.9732	9.2400e-003		210.1672
Total	**0.2087**	**1.5191**	**2.7428**	**7.0200e-003**	**0.3486**	**0.0246**	**0.3731**	**0.0949**	**0.0226**	**0.1175**		**629.3880**	**629.3880**	**0.0122**		**629.6443**

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	0.0267	0.8359	1.4397	1.9000e-003		3.1100e-003	3.1100e-003		3.1100e-003	3.1100e-003	0.0000	190.8035	190.8035	0.0594		192.0509
Paving	0.3706					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3973**	**0.8359**	**1.4397**	**1.9000e-003**		**3.1100e-003**	**3.1100e-003**		**3.1100e-003**	**3.1100e-003**	**0.0000**	**190.8035**	**190.8035**	**0.0594**		**192.0509**

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	0.1511	1.4448	1.8256	4.3100e-003	0.1250	0.0231	0.1481	0.0356	0.0212	0.0568		419.4148	419.4148	2.9700e-003		419.4771
Worker	0.0577	0.0743	0.9172	2.7100e-003	0.2236	1.5100e-003	0.2251	0.0593	1.4000e-003	0.0607		209.9732	209.9732	9.2400e-003		210.1672
Total	**0.2087**	**1.5191**	**2.7428**	**7.0200e-003**	**0.3486**	**0.0246**	**0.3731**	**0.0949**	**0.0226**	**0.1175**		**629.3880**	**629.3880**	**0.0122**		**629.6443**

3.18 Architectural Coating 4 - Parking - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	6.2767					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1229	0.9287	0.8926	1.4000e-003		0.0649	0.0649		0.0643	0.0643		136.0484	136.0484	0.0228		136.5282
Total	**6.3995**	**0.9287**	**0.8926**	**1.4000e-003**		**0.0649**	**0.0649**		**0.0643**	**0.0643**		**136.0484**	**136.0484**	**0.0228**		**136.5282**

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	0.0161	0.1574	0.1923	4.3000e-004	0.0125	2.4500e-003	0.0150	3.5600e-003	2.2500e-003	5.8100e-003		42.6658	42.6658	3.0000e-004		42.6721
Worker	0.0632	0.0814	1.0015	2.7100e-003	0.2236	1.5300e-003	0.2251	0.0593	1.4100e-003	0.0607		218.1458	218.1458	9.9000e-003		218.3538
Total	**0.0793**	**0.2388**	**1.1938**	**3.1400e-003**	**0.2361**	**3.9800e-003**	**0.2400**	**0.0629**	**3.6600e-003**	**0.0665**		**260.8117**	**260.8117**	**0.0102**		**261.0259**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	6.2767					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0283	0.5855	0.9244	1.4000e-003		0.0108	0.0108		0.0108	0.0108	0.0000	136.0484	136.0484	0.0228		136.5282
Total	**6.3050**	**0.5855**	**0.9244**	**1.4000e-003**		**0.0108**	**0.0108**		**0.0108**	**0.0108**	**0.0000**	**136.0484**	**136.0484**	**0.0228**		**136.5282**

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	0.0161	0.1574	0.1923	4.3000e-004	0.0125	2.4500e-003	0.0150	3.5600e-003	2.2500e-003	5.8100e-003		42.6658	42.6658	3.0000e-004		42.6721
Worker	0.0632	0.0814	1.0015	2.7100e-003	0.2236	1.5300e-003	0.2251	0.0593	1.4100e-003	0.0607		218.1458	218.1458	9.9000e-003		218.3538
Total	**0.0793**	**0.2388**	**1.1938**	**3.1400e-003**	**0.2361**	**3.9800e-003**	**0.2400**	**0.0629**	**3.6600e-003**	**0.0665**		**260.8117**	**260.8117**	**0.0102**		**261.0259**

3.18 Architectural Coating 4 - Parking - 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					
Archit. Coating	6.2767					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1099	0.8435	0.8864	1.4000e-003		0.0550	0.0550		0.0546	0.0546		135.3818	135.3818	0.0219		135.8407
Total	**6.3866**	**0.8435**	**0.8864**	**1.4000e-003**		**0.0550**	**0.0550**		**0.0546**	**0.0546**		**135.3818**	**135.3818**	**0.0219**		**135.8407**

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	0.0151	0.1445	0.1826	4.3000e-004	0.0125	2.3100e-003	0.0148	3.5600e-003	2.1200e-003	5.6800e-003		41.9415	41.9415	3.0000e-004		41.9477
Worker	0.0577	0.0743	0.9172	2.7100e-003	0.2236	1.5100e-003	0.2251	0.0593	1.4000e-003	0.0607		209.9732	209.9732	9.2400e-003		210.1672
Total	**0.0728**	**0.2188**	**1.0997**	**3.1400e-003**	**0.2361**	**3.8200e-003**	**0.2399**	**0.0629**	**3.5200e-003**	**0.0664**		**251.9146**	**251.9146**	**9.5400e-003**		**252.1150**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	6.2767					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0283	0.5855	0.9244	1.4000e-003		0.0108	0.0108		0.0108	0.0108	0.0000	135.3818	135.3818	0.0219		135.8407
Total	**6.3050**	**0.5855**	**0.9244**	**1.4000e-003**		**0.0108**	**0.0108**		**0.0108**	**0.0108**	**0.0000**	**135.3818**	**135.3818**	**0.0219**		**135.8407**

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	0.0151	0.1445	0.1826	4.3000e-004	0.0125	2.3100e-003	0.0148	3.5600e-003	2.1200e-003	5.6800e-003		41.9415	41.9415	3.0000e-004		41.9477
Worker	0.0577	0.0743	0.9172	2.7100e-003	0.2236	1.5100e-003	0.2251	0.0593	1.4000e-003	0.0607		209.9732	209.9732	9.2400e-003		210.1672
Total	**0.0728**	**0.2188**	**1.0997**	**3.1400e-003**	**0.2361**	**3.8200e-003**	**0.2399**	**0.0629**	**3.5200e-003**	**0.0664**		**251.9146**	**251.9146**	**9.5400e-003**		**252.1150**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Increase Diversity

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	106.0148	181.2622	901.6980	2.3285	163.3990	2.5470	165.9460	43.5985	2.3484	45.9469		189,600.9685	189,600.9685	7.2410		189,753.0294
Unmitigated	112.4439	222.5804	1,089.8866	3.0068	213.2657	3.2267	216.4924	56.9041	2.9750	59.8791		244,833.2326	244,833.2326	9.1409		245,025.1924

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	6,570.20	6,313.32	6313.32	22,200,572	17,009,536
Health Club	1,201.80	1,567.51	1567.51	2,839,973	2,175,918
High Turnover (Sit Down Restaurant)	3,992.30	5,207.18	5207.18	8,751,520	6,705,200
Medical Office Building	1,658.01	411.17	411.17	3,376,603	2,587,070
Movie Theater (No Matinee)	3,268.83	4,263.55	4263.55	6,719,725	5,148,489
Parking Lot	0.00	0.00	0.00		
Regional Shopping Center	18,507.07	24,138.86	24138.86	43,508,104	33,334,846
Unenclosed Parking with Elevator	0.00	0.00	0.00		
Total	35,198.21	41,901.59	41,901.59	87,396,497	66,961,060

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
Apartments Low Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Health Club	16.60	8.40	6.90	16.90	64.10	19.00	54	35	11
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	54	35	11
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	60	30	10
Movie Theater (No Matinee)	16.60	8.40	6.90	1.80	79.20	19.00	54	35	11
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11
Unenclosed Parking with	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.510011	0.056836	0.192178	0.151564	0.041643	0.005905	0.015642	0.015146	0.001440	0.002149	0.004721	0.000504	0.002262

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3368	12.0110	9.1704	0.0729		0.9236	0.9236		0.9236	0.9236		14,583.0192	14,583.0192	0.2795	0.2674	14,671.7691
NaturalGas Unmitigated	1.5042	13.4991	10.2003	0.0821		1.0393	1.0393		1.0393	1.0393		16,409.4422	16,409.4422	0.3145	0.3008	16,509.3073

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	29819.6	0.3216	2.7481	1.1694	0.0175		0.2222	0.2222		0.2222	0.2222		3,508.1914	3,508.1914	0.0672	0.0643	3,529.5416
Health Club	2377.55	0.0256	0.2331	0.1958	1.4000e-003		0.0177	0.0177		0.0177	0.0177		279.7123	279.7123	5.3600e-003	5.1300e-003	281.4145
High Turnover (Sit Down Restaurant)	96142.6	1.0368	9.4257	7.9176	0.0566		0.7164	0.7164		0.7164	0.7164		11,310.8903	11,310.8903	0.2168	0.2074	11,379.7265
Medical Office Building	1205.71	0.0130	0.1182	0.0993	7.1000e-004		8.9800e-003	8.9800e-003		8.9800e-003	8.9800e-003		141.8485	141.8485	2.7200e-003	2.6000e-003	142.7118
Movie Theater (No Matinee)	6466.51	0.0697	0.6340	0.5325	3.8000e-003		0.0482	0.0482		0.0482	0.0482		760.7655	760.7655	0.0146	0.0140	765.3953
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	3468.29	0.0374	0.3400	0.2856	2.0400e-003		0.0258	0.0258		0.0258	0.0258		408.0343	408.0343	7.8200e-003	7.4800e-003	410.5175
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**1.5042**	**13.4991**	**10.2003**	**0.0820**		**1.0393**	**1.0393**		**1.0393**	**1.0393**		**16,409.4422**	**16,409.4422**	**0.3145**	**0.3009**	**16,509.3073**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Health Club	1.97159	0.0213	0.1933	0.1624	1.1600e-003		0.0147	0.0147		0.0147	0.0147		231.9518	231.9518	4.4500e-003	4.2500e-003	233.3634
High Turnover (Sit Down Restaurant)	88.5997	0.9555	8.6862	7.2964	0.0521		0.6602	0.6602		0.6602	0.6602		10,423.4901	10,423.4901	0.1998	0.1911	10,486.9258
Medical Office Building	0.921572	9.9400e-003	0.0904	0.0759	5.4000e-004		6.8700e-003	6.8700e-003		6.8700e-003	6.8700e-003		108.4202	108.4202	2.0800e-003	1.9900e-003	109.0800
Movie Theater (No Matinee)	5.36236	0.0578	0.5257	0.4416	3.1500e-003		0.0400	0.0400		0.0400	0.0400		630.8658	630.8658	0.0121	0.0116	634.7052
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	3.04533	0.0328	0.2986	0.2508	1.7900e-003		0.0227	0.0227		0.0227	0.0227		358.2740	358.2740	6.8700e-003	6.5700e-003	360.4544
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Apartments Low Rise	24.0551	0.2594	2.2169	0.9433	0.0142		0.1792	0.1792		0.1792	0.1792		2,830.0173	2,830.0173	0.0542	0.0519	2,847.2403
Total		**1.3368**	**12.0110**	**9.1704**	**0.0729**		**0.9236**	**0.9236**		**0.9236**	**0.9236**		**14,583.0192**	**14,583.0192**	**0.2795**	**0.2674**	**14,671.7691**

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	108.8792	0.9561	82.4449	4.3300e-003		0.4493	0.4493		0.4493	0.4493	0.0000	147.5249	147.5249	0.1475	0.0000	150.6230
Unmitigated	108.8792	0.9561	82.4449	4.3300e-003		0.4493	0.4493		0.4493	0.4493	0.0000	147.5249	147.5249	0.1475	0.0000	150.6230

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	12.2439					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	94.0708					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.5646	0.9561	82.4449	4.3300e-003		0.4493	0.4493		0.4493	0.4493		147.5249	147.5249	0.1475		150.6230
Total	**108.8792**	**0.9561**	**82.4449**	**4.3300e-003**		**0.4493**	**0.4493**		**0.4493**	**0.4493**	**0.0000**	**147.5249**	**147.5249**	**0.1475**	**0.0000**	**150.6230**

	ROG	NOx	CO	SO2	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	12.2439					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	94.0708					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.5646	0.9561	82.4449	4.3300e-003		0.4493	0.4493		0.4493	0.4493		147.5249	147.5249	0.1475		150.6230
Total	**108.8792**	**0.9561**	**82.4449**	**4.3300e-003**		**0.4493**	**0.4493**		**0.4493**	**0.4493**	**0.0000**	**147.5249**	**147.5249**	**0.1475**	**0.0000**	**150.6230**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

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

10.0 Vegetation

Five Lagunas - Proposed Project

Orange County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	45.89	1000sqft	0.47	45,890.00	0
Parking Lot	1,201.56	1000sqft	27.58	1,201,560.00	0
Unenclosed Parking with Elevator	1,303.69	1000sqft	10.30	1,303,692.00	0
Health Club	40.10	1000sqft	0.42	40,102.00	0
High Turnover (Sit Down Restaurant)	133.21	1000sqft	1.38	133,212.00	0
Movie Theater (No Matinee)	109.07	1000sqft	1.13	109,070.00	0
Apartments Low Rise	988.00	Dwelling Unit	16.46	1,300,000.00	1403
Regional Shopping Center	617.52	1000sqft	10.26	617,525.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	30
Climate Zone	8			**Operational Year**	2018
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Project Characteristics - See Section 1.0 Project Characteristics

Land Use - Land Use - See Section 1.1 Land Usage. Based on information provided by the applicant. Assumed a residential population of 1,403 persons.

Construction Phase - Construction Phase - Based on information provided by the applicant.

Off-road Equipment - Architectural Coating 1 - Retail 1 Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Architectural Coating 2 - Retail 2 Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Architectural Coating 3 - Parking Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Architectural Coating 3 - Residential Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Architectural Coating 4 - Parking Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Building Construction 1 - Retail 1 Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Building Construction 2 - Retail 2 Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Building Construction 3 - Residential Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Building Construction 4 - Parking Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Demolition 1 Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Demolition 2 Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Grading - All Activities Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Grading - Export 1 - No equipment. Vehicle trips only.

Off-road Equipment - Grading - Export 2 - No equipment. Vehicle trips only.

Off-road Equipment - Grading - Export 3 - No equipment. Vehicle trips only.

Off-road Equipment - Paving Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Site Preparation Equipment - See Section 3.0 Construction Detail.

Off-road Equipment - Trenching Equipment - See Section 3.0 Construction Detail.

Trips and VMT - Trips and VMT - Construction. CalEEMod default values and project-specific data provided by the applicant. See 3.0 Construction Detail.

Demolition - Demolition 1: 246,244 SF. Demolition 2: 203,367 SF.

Grading - 63,000 CY exported over three phases. CalEEMod default values assumed for total acres disturbed based on equipment mix. See Section 3.0 Construction Detail.

Architectural Coating - AC 1 - 162,000 SF int non-res; 54,000 SF ext non-res. AC 2 - 2,360,144 SF int non-res; 786,715 SF ext non-res. AC 3 - 2,632,500 SF int res; 877,500 SF ext res. AC 4 - 0 SF int non-res; 150,315 SF ext non-res.

Vehicle Trips - Based on Project Trip Generation Table prepared by LLG.

Woodstoves - No woodstoves. No Fireplaces.

Consumer Products - Default CalEEMod factors.

Area Coating - Area Architectural Coatings - See construction coating assumptions for square footage estimates.

Landscape Equipment - Default CalEEMod values

Energy Use - Default CalEEMod values

Water And Wastewater - Default CalEEMod factors. 100% aerobic.

Solid Waste - Default CalEEMod values.

Construction Off-road Equipment Mitigation - Tier 4 Interim

Area Mitigation - VOC assumptions of 50 g/L for interior and 100 g/L for exterior for unmitigated and mitigated (res and non-res). No hearth assumed for unmitigated and mitigated.

Energy Mitigation - Project will meet 2013 Title 24 standards. Assumed 25% improvement above 2008 Title 24 standards.

Water Mitigation - CalGreen 20% reduction in indoor water. Water-efficient irrigation systems (default 6.1% reduction).

Waste Mitigation - 75% diversion rate per Assembly Bill 341

Table Name	Column Name	Default Value	New Value
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tblConstructionPhase	PhaseEndDate	7/8/2019	5/4/2018
tblConstructionPhase	PhaseStartDate	5/5/2018	9/4/2016
tblConstructionPhase	PhaseStartDate	8/4/2018	9/4/2016
tblConstructionPhase	PhaseStartDate	5/5/2018	12/1/2017
tblConstructionPhase	PhaseStartDate	5/5/2018	4/4/2016
tblConstructionPhase	PhaseStartDate	3/1/2017	1/2/2017
tblConstructionPhase	PhaseStartDate	8/6/2017	6/4/2016
tblConstructionPhase	PhaseStartDate	5/5/2018	6/4/2016
tblConstructionPhase	PhaseStartDate	5/5/2018	3/1/2017

tblConstructionPhase	PhaseStartDate	6/1/2016	4/4/2016
tblConstructionPhase	PhaseStartDate	8/4/2018	1/1/2017
tblConstructionPhase	PhaseStartDate	5/6/2017	5/1/2017
tblConstructionPhase	PhaseStartDate	3/4/2017	4/1/2016
tblConstructionPhase	PhaseStartDate	6/3/2017	5/4/2016
tblConstructionPhase	PhaseStartDate	6/28/2017	8/6/2017
tblConstructionPhase	PhaseStartDate	7/5/2016	4/4/2016
tblConstructionPhase	PhaseStartDate	6/6/2017	4/4/2016
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	839.80	0.00
tblFireplaces	NumberNoFireplace	98.80	0.00
tblFireplaces	NumberWood	49.40	0.00
tblGrading	MaterialExported	0.00	21,000.00
tblGrading	MaterialExported	0.00	21,000.00
tblGrading	MaterialExported	0.00	21,000.00
tblLandUse	LandUseSquareFeet	1,303,690.00	1,303,692.00
tblLandUse	LandUseSquareFeet	40,100.00	40,102.00
tblLandUse	LandUseSquareFeet	133,210.00	133,212.00
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tblLandUse	LandUseSquareFeet	617,520.00	617,525.00
tblLandUse	LotAcreage	1.05	0.47
tblLandUse	LotAcreage	29.93	10.30
tblLandUse	LotAcreage	0.92	0.42
tblLandUse	LotAcreage	3.06	1.38
tblLandUse	LotAcreage	2.50	1.13
tblLandUse	LotAcreage	61.75	16.46
tblLandUse	LotAcreage	14.18	10.26
tblLandUse	Population	2,826.00	1,403.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	6.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
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tblOffRoadEquipment	UsageHours	6.00	1.00
tblOffRoadEquipment	UsageHours	6.00	1.00
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tblOffRoadEquipment	UsageHours	7.00	0.00
tblOffRoadEquipment	UsageHours	7.00	1.00
tblOffRoadEquipment	UsageHours	7.00	4.00

tblOffRoadEquipment	UsageHours	8.00	4.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	4.00
tblOffRoadEquipment	UsageHours	8.00	4.00
tblOffRoadEquipment	UsageHours	8.00	4.00
tblOffRoadEquipment	UsageHours	8.00	4.00
tblOffRoadEquipment	UsageHours	8.00	2.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	2.00
tblOffRoadEquipment	UsageHours	8.00	4.00
tblOffRoadEquipment	UsageHours	8.00	2.00
tblOffRoadEquipment	UsageHours	8.00	4.00
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tblOffRoadEquipment	UsageHours	8.00	1.00
tblOffRoadEquipment	UsageHours	8.00	1.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	4.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblOffRoadEquipment	UsageHours	7.00	1.00
tblOffRoadEquipment	UsageHours	7.00	4.00
tblOffRoadEquipment	UsageHours	7.00	1.00
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tblOffRoadEquipment	UsageHours	8.00	4.00
tblOffRoadEquipment	UsageHours	8.00	2.00

tblProjectCharacteristics	OperationalYear	2011	2018
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tblTripsAndVMT	HaulingTripNumber	925.00	926.00
tblTripsAndVMT	HaulingTripNumber	2,625.00	2,626.00
tblTripsAndVMT	HaulingTripNumber	2,625.00	2,626.00
tblTripsAndVMT	HaulingTripNumber	0.00	5,000.00
tblTripsAndVMT	VendorTripNumber	671.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	671.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	20.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	671.00	20.00
tblTripsAndVMT	VendorTripNumber	671.00	10.00
tblTripsAndVMT	WorkerTripNumber	2,094.00	100.00
tblTripsAndVMT	WorkerTripNumber	419.00	20.00
tblTripsAndVMT	WorkerTripNumber	419.00	20.00
tblTripsAndVMT	WorkerTripNumber	2,094.00	100.00
tblTripsAndVMT	WorkerTripNumber	38.00	60.00
tblTripsAndVMT	WorkerTripNumber	10.00	20.00
tblTripsAndVMT	WorkerTripNumber	419.00	20.00
tblTripsAndVMT	WorkerTripNumber	15.00	24.00
tblTripsAndVMT	WorkerTripNumber	10.00	20.00
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tblTripsAndVMT	WorkerTripNumber	419.00	20.00
tblTripsAndVMT	WorkerTripNumber	38.00	50.00
tblTripsAndVMT	WorkerTripNumber	2,094.00	200.00
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tblVehicleTrips	DV_TP	30.00	35.00
tblVehicleTrips	DV_TP	17.00	35.00
tblVehicleTrips	PB_TP	9.00	11.00
tblVehicleTrips	PB_TP	43.00	11.00
tblVehicleTrips	PB_TP	17.00	11.00
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tblVehicleTrips	PR_TP	37.00	54.00
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tblVehicleTrips	ST_TR	20.87	39.09
tblVehicleTrips	ST_TR	158.37	39.09
tblVehicleTrips	ST_TR	80.00	39.09
tblVehicleTrips	ST_TR	49.97	39.09
tblVehicleTrips	SU_TR	6.07	6.39
tblVehicleTrips	SU_TR	26.73	39.09
tblVehicleTrips	SU_TR	131.84	39.09
tblVehicleTrips	SU_TR	1.55	8.96
tblVehicleTrips	SU_TR	80.00	39.09
tblVehicleTrips	SU_TR	25.24	39.09
tblVehicleTrips	WD_TR	6.59	6.65
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tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00

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tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
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tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
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tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
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tblWater	SepticTankPercent	10.33	0.00
tblWoodstoves	NumberCatalytic	49.40	0.00
tblWoodstoves	NumberNoncatalytic	49.40	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

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					
2016	4.5092	23.0492	19.2807	0.0333	1.2044	1.3154	2.5198	0.2336	1.2513	1.4849	0.0000	2,918.2077	2,918.2077	0.5379	0.0000	2,929.5033
2017	7.9743	23.0188	21.2662	0.0393	1.4758	1.3187	2.7945	0.3085	1.2615	1.5700	0.0000	3,352.5593	3,352.5593	0.5154	0.0000	3,363.3830
2018	3.9625	5.0876	5.8019	0.0108	0.2816	0.3050	0.5866	0.0752	0.2953	0.3705	0.0000	892.3414	892.3414	0.1216	0.0000	894.8956
Total	**16.4460**	**51.1556**	**46.3488**	**0.0834**	**2.9617**	**2.9391**	**5.9008**	**0.6173**	**2.8081**	**3.4254**	**0.0000**	**7,163.1085**	**7,163.1085**	**1.1749**	**0.0000**	**7,187.7818**

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					
2016	2.5316	11.4146	19.5737	0.0333	0.8477	0.1581	1.0058	0.1918	0.1563	0.3482	0.0000	2,918.2052	2,918.2052	0.5379	0.0000	2,929.5007
2017	6.0315	12.1544	21.7751	0.0393	1.1313	0.1325	1.2638	0.2686	0.1301	0.3987	0.0000	3,352.5566	3,352.5566	0.5154	0.0000	3,363.3803
2018	3.5124	3.2208	6.0396	0.0108	0.2816	0.0365	0.3181	0.0752	0.0361	0.1113	0.0000	892.3407	892.3407	0.1216	0.0000	894.8949
Total	**12.0755**	**26.7898**	**47.3883**	**0.0834**	**2.2605**	**0.3271**	**2.5876**	**0.5356**	**0.3225**	**0.8581**	**0.0000**	**7,163.1025**	**7,163.1025**	**1.1749**	**0.0000**	**7,187.7758**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**26.57**	**47.63**	**-2.24**	**0.00**	**23.68**	**88.87**	**56.15**	**13.23**	**88.51**	**74.95**	**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	19.7230	0.1195	10.3056	5.4000e-004		0.0562	0.0562		0.0562	0.0562	0.0000	16.7291	16.7291	0.0167	0.0000	17.0804
Energy	0.2745	2.4636	1.8616	0.0150		0.1897	0.1897		0.1897	0.1897	0.0000	9,450.3263	9,450.3263	0.3616	0.1139	9,493.2120
Mobile	17.5233	37.5458	173.5516	0.4578	33.0151	0.5083	33.5234	8.8218	0.4687	9.2905	0.0000	33,850.2627	33,850.2627	1.3039	0.0000	33,877.6436
Waste						0.0000	0.0000		0.0000	0.0000	818.8574	0.0000	818.8574	48.3931	0.0000	1,835.1123
Water						0.0000	0.0000		0.0000	0.0000	71.6377	997.8353	1,069.4730	0.2924	0.1653	1,126.8504
Total	**37.5208**	**40.1289**	**185.7187**	**0.4733**	**33.0151**	**0.7541**	**33.7692**	**8.8218**	**0.7145**	**9.5363**	**890.4951**	**44,315.1533**	**45,205.6484**	**50.3677**	**0.2791**	**46,349.8987**

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	19.7230	0.1195	10.3056	5.4000e-004		0.0562	0.0562		0.0562	0.0562	0.0000	16.7291	16.7291	0.0167	0.0000	17.0804
Energy	0.2440	2.1920	1.6736	0.0133		0.1686	0.1686		0.1686	0.1686	0.0000	8,837.0247	8,837.0247	0.3415	0.1054	8,876.8533
Mobile	16.5278	30.4749	145.7376	0.3546	25.2953	0.4013	25.6967	6.7591	0.3700	7.1291	0.0000	26,215.9817	26,215.9817	1.0326	0.0000	26,237.6654
Waste						0.0000	0.0000		0.0000	0.0000	204.7144	0.0000	204.7144	12.0983	0.0000	458.7781
Water						0.0000	0.0000		0.0000	0.0000	57.3101	823.5775	880.8877	0.2351	0.1325	926.8887
Total	**36.4947**	**32.7865**	**157.7168**	**0.3684**	**25.2953**	**0.6260**	**25.9214**	**6.7591**	**0.5947**	**7.3538**	**262.0245**	**35,893.3130**	**36,155.3375**	**13.7242**	**0.2378**	**36,517.2658**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**2.73**	**18.30**	**15.08**	**22.15**	**23.38**	**16.99**	**23.24**	**23.38**	**16.76**	**22.89**	**70.58**	**19.00**	**20.02**	**72.75**	**14.80**	**21.21**

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Building Construction 1 - Retail 1	Building Construction	1/4/2016	3/3/2017	5	305	
2	Grading - Export 1	Grading	4/1/2016	5/31/2016	5	43	
3	Demolition 1	Demolition	4/4/2016	7/4/2016	5	66	
4	Site Preparation	Site Preparation	4/4/2016	6/5/2017	5	306	
5	Trenching	Trenching	4/4/2016	5/4/2018	5	545	
6	Architectural Coating 1 - Retail 1	Architectural Coating	4/4/2016	6/2/2017	5	305	
7	Grading - All Activities	Grading	5/4/2016	8/5/2017	5	328	
8	Building Construction 2 - Retail 2	Building Construction	6/4/2016	5/4/2018	5	500	
9	Building Construction 3 - Residential	Building Construction	6/4/2016	5/4/2018	5	500	
10	Architectural Coating 2 - Retail 2	Architectural Coating	9/4/2016	8/3/2018	5	500	
11	Architectural Coating 3 - Residential	Architectural Coating	9/4/2016	8/3/2018	5	500	
12	Grading - Export 2	Grading	1/1/2017	2/28/2017	5	42	
13	Building Construction 4 - Parking	Building Construction	1/2/2017	5/4/2018	5	350	
14	Demolition 2	Demolition	3/1/2017	5/5/2017	5	48	
15	Grading - Export 3	Grading	5/1/2017	6/27/2017	5	42	
16	Paving	Paving	8/6/2017	5/4/2018	5	195	
17	Architectural Coating 4 - Parking	Architectural Coating	12/1/2017	5/4/2018	5	111	

Acres of Grading (Site Preparation Phase): 133.88

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 162,000; Non-Residential Outdoor: 54,000 (Architectural Coating –

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Building Construction 1 - Retail 1	Aerial Lifts	15	7.00	62	0.31
Building Construction 1 - Retail 1	Air Compressors	2	4.00	78	0.48
Building Construction 1 - Retail 1	Air Compressors	1	1.00	78	0.48
Building Construction 1 - Retail 1	Cement and Mortar Mixers	2	2.00	9	0.56
Building Construction 1 - Retail 1	Concrete/Industrial Saws	5	2.00	81	0.73
Building Construction 1 - Retail 1	Cranes	0	0.00	226	0.29
Building Construction 1 - Retail 1	Forklifts	2	4.00	89	0.20
Building Construction 1 - Retail 1	Generator Sets	0	0.00	84	0.74
Building Construction 1 - Retail 1	Other Construction Equipment	5	4.00	171	0.42
Building Construction 1 - Retail 1	Pumps	1	1.00	84	0.74
Building Construction 1 - Retail 1	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Building Construction 1 - Retail 1	Welders	3	7.00	46	0.45
Grading - Export 1	Excavators	0	8.00	162	0.38
Grading - Export 1	Graders	0	8.00	174	0.41
Grading - Export 1	Rubber Tired Dozers	0	8.00	255	0.40
Grading - Export 1	Scrapers	0	8.00	361	0.48
Grading - Export 1	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Demolition 1	Air Compressors	1	4.00	78	0.48
Demolition 1	Concrete/Industrial Saws	2	2.00	81	0.73
Demolition 1	Cranes	1	1.00	226	0.29
Demolition 1	Excavators	0	0.00	162	0.38
Demolition 1	Rubber Tired Dozers	0	0.00	255	0.40
Demolition 1	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Site Preparation	Crawler Tractors	1	7.00	208	0.43
Site Preparation	Excavators	1	7.00	162	0.38
Site Preparation	Rubber Tired Dozers	0	0.00	255	0.40
Site Preparation	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Trenching	Excavators	2	1.00	162	0.38

Trenching	Tractors/Loaders/Backhoes	2	1.00	97	0.37
Trenching	Trenchers	1	1.00	80	0.50
Paving	Pavers	1	1.00	125	0.42
Paving	Paving Equipment	2	1.00	130	0.36
Paving	Rollers	1	1.00	80	0.38
Architectural Coating 1 - Retail 1	Air Compressors	2	1.00	78	0.48
Grading - All Activities	Bore/Drill Rigs	1	4.00	205	0.50
Grading - All Activities	Cement and Mortar Mixers	1	4.00	9	0.56
Grading - All Activities	Crawler Tractors	1	4.00	208	0.43
Grading - All Activities	Excavators	1	4.00	162	0.38
Grading - All Activities	Graders	2	4.00	174	0.41
Grading - All Activities	Pumps	1	4.00	84	0.74
Grading - All Activities	Rollers	1	4.00	80	0.38
Grading - All Activities	Rough Terrain Forklifts	1	4.00	100	0.40
Grading - All Activities	Rubber Tired Dozers	0	0.00	255	0.40
Grading - All Activities	Scrapers	3	4.00	361	0.48
Grading - All Activities	Skid Steer Loaders	1	4.00	64	0.37
Grading - All Activities	Tractors/Loaders/Backhoes	2	4.00	97	0.37
Building Construction 2 - Retail 2	Air Compressors	4	2.00	78	0.48
Building Construction 2 - Retail 2	Concrete/Industrial Saws	15	2.00	81	0.73
Building Construction 2 - Retail 2	Cranes	4	1.00	226	0.29
Building Construction 2 - Retail 2	Excavators	5	2.00	162	0.38
Building Construction 2 - Retail 2	Forklifts	3	4.00	89	0.20
Building Construction 2 - Retail 2	Generator Sets	4	4.00	84	0.74
Building Construction 2 - Retail 2	Other Material Handling Equipment	2	4.00	167	0.40
Building Construction 2 - Retail 2	Pumps	2	1.00	84	0.74
Building Construction 2 - Retail 2	Rollers	2	1.00	80	0.38
Building Construction 2 - Retail 2	Rough Terrain Forklifts	8	2.00	100	0.40
Building Construction 2 - Retail 2	Skid Steer Loaders	2	1.00	64	0.37
Building Construction 2 - Retail 2	Sweepers/Scrubbers	2	7.00	64	0.46

Building Construction 2 - Retail 2	Tractors/Loaders/Backhoes	2	4.00	97	0.37
Building Construction 2 - Retail 2	Welders	5	4.00	46	0.45
Building Construction 3 - Residential	Air Compressors	2	2.00	78	0.48
Building Construction 3 - Residential	Concrete/Industrial Saws	5	4.00	81	0.73
Building Construction 3 - Residential	Cranes	1	4.00	226	0.29
Building Construction 3 - Residential	Excavators	2	1.00	162	0.38
Building Construction 3 - Residential	Forklifts	1	2.00	89	0.20
Building Construction 3 - Residential	Generator Sets	4	2.00	84	0.74
Building Construction 3 - Residential	Other Material Handling Equipment	1	4.00	167	0.40
Building Construction 3 - Residential	Pumps	1	1.00	84	0.74
Building Construction 3 - Residential	Rollers	2	1.00	80	0.38
Building Construction 3 - Residential	Rough Terrain Forklifts	2	4.00	100	0.40
Building Construction 3 - Residential	Skid Steer Loaders	1	1.00	64	0.37
Building Construction 3 - Residential	Sweepers/Scrubbers	1	1.00	64	0.46
Building Construction 3 - Residential	Tractors/Loaders/Backhoes	2	1.00	97	0.37
Building Construction 3 - Residential	Welders	2	2.00	46	0.45
Architectural Coating 2 - Retail 2	Aerial Lifts	10	2.00	62	0.31
Architectural Coating 2 - Retail 2	Air Compressors	6	2.00	78	0.48
Architectural Coating 3 - Residential	Aerial Lifts	5	1.00	62	0.31
Architectural Coating 3 - Residential	Air Compressors	3	1.00	78	0.48
Grading - Export 2	Excavators	0	8.00	162	0.38
Grading - Export 2	Graders	0	8.00	174	0.41
Grading - Export 2	Rubber Tired Dozers	0	8.00	255	0.40
Grading - Export 2	Scrapers	0	8.00	361	0.48
Grading - Export 2	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading - Export 3	Excavators	0	8.00	162	0.38
Grading - Export 3	Graders	0	8.00	174	0.41
Grading - Export 3	Rubber Tired Dozers	0	8.00	255	0.40
Grading - Export 3	Scrapers	0	8.00	361	0.48
Grading - Export 3	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Building Construction 4 - Parking	Aerial Lifts	2	1.00	62	0.31
Building Construction 4 - Parking	Cranes	0	0.00	226	0.29
Building Construction 4 - Parking	Forklifts	2	4.00	89	0.20
Building Construction 4 - Parking	Generator Sets	2	2.00	84	0.74
Building Construction 4 - Parking	Pumps	1	1.00	84	0.74
Building Construction 4 - Parking	Tractors/Loaders/Backhoes	2	1.00	97	0.37
Building Construction 4 - Parking	Welders	1	1.00	46	0.45
Demolition 2	Aerial Lifts	6	2.00	62	0.31
Demolition 2	Air Compressors	3	2.00	78	0.48
Demolition 2	Concrete/Industrial Saws	0	0.00	81	0.73
Demolition 2	Crawler Tractors	2	4.00	208	0.43
Demolition 2	Excavators	2	4.00	162	0.38
Demolition 2	Rubber Tired Dozers	0	0.00	255	0.40
Demolition 2	Tractors/Loaders/Backhoes	2	4.00	97	0.37
Architectural Coating 4 - Parking	Aerial Lifts	2	1.00	62	0.31
Architectural Coating 4 - Parking	Air Compressors	2	1.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Building Construction 1 - Retail 1	36	100.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Export 1	0	0.00	0.00	2,626.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition 1	6	24.00	0.00	1,120.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	4	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Trenching	5	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	4	20.00	20.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating 1 - Retail 1	2	20.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - All Activities	15	50.00	0.00	5,000.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction 2 - Retail 2	60	200.00	20.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

Building Construction 3 - Residential	27	100.00	10.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating 2 - Retail 2	16	20.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating 3 - Residential	8	20.00	6.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Export 2	0	0.00	0.00	2,626.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Export 3	0	0.00	0.00	2,626.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction 4 - Parking	10	100.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition 2	15	60.00	0.00	926.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating 4 - Parking	4	20.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Clean Paved Roads

3.2 Building Construction 1 - Retail 1 - 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	tons/yr										MT/yr					
Off-Road	0.7246	6.1558	5.1333	7.6400e-003		0.3619	0.3619		0.3450	0.3450	0.0000	686.0948	686.0948	0.1737	0.0000	689.7415
Total	**0.7246**	**6.1558**	**5.1333**	**7.6400e-003**		**0.3619**	**0.3619**		**0.3450**	**0.3450**	**0.0000**	**686.0948**	**686.0948**	**0.1737**	**0.0000**	**689.7415**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.8600e-003	0.0469	0.0613	1.1000e-004	3.2000e-003	7.2000e-004	3.9200e-003	9.1000e-004	6.6000e-004	1.5700e-003	0.0000	10.1938	10.1938	7.0000e-005	0.0000	10.1953
Worker	0.0444	0.0658	0.6861	1.7000e-003	0.1427	1.0200e-003	0.1437	0.0379	9.4000e-004	0.0388	0.0000	128.6368	128.6368	6.2900e-003	0.0000	128.7690
Total	**0.0493**	**0.1127**	**0.7475**	**1.8100e-003**	**0.1459**	**1.7400e-003**	**0.1477**	**0.0388**	**1.6000e-003**	**0.0404**	**0.0000**	**138.8306**	**138.8306**	**6.3600e-003**	**0.0000**	**138.9643**

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	0.1448	3.7315	5.3753	7.6400e-003		0.0866	0.0866		0.0866	0.0866	0.0000	686.0939	686.0939	0.1737	0.0000	689.7407
Total	**0.1448**	**3.7315**	**5.3753**	**7.6400e-003**		**0.0866**	**0.0866**		**0.0866**	**0.0866**	**0.0000**	**686.0939**	**686.0939**	**0.1737**	**0.0000**	**689.7407**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.8600e-003	0.0469	0.0613	1.1000e-004	3.2000e-003	7.2000e-004	3.9200e-003	9.1000e-004	6.6000e-004	1.5700e-003	0.0000	10.1938	10.1938	7.0000e-005	0.0000	10.1953
Worker	0.0444	0.0658	0.6861	1.7000e-003	0.1427	1.0200e-003	0.1437	0.0379	9.4000e-004	0.0388	0.0000	128.6368	128.6368	6.2900e-003	0.0000	128.7690
Total	**0.0493**	**0.1127**	**0.7475**	**1.8100e-003**	**0.1459**	**1.7400e-003**	**0.1477**	**0.0388**	**1.6000e-003**	**0.0404**	**0.0000**	**138.8306**	**138.8306**	**6.3600e-003**	**0.0000**	**138.9643**

3.2 Building Construction 1 - Retail 1 - 2017

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	0.1142	0.9825	0.8804	1.3200e-003		0.0555	0.0555		0.0529	0.0529	0.0000	117.4630	117.4630	0.0295	0.0000	118.0825
Total	**0.1142**	**0.9825**	**0.8804**	**1.3200e-003**		**0.0555**	**0.0555**		**0.0529**	**0.0529**	**0.0000**	**117.4630**	**117.4630**	**0.0295**	**0.0000**	**118.0825**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.7000e-004	7.3900e-003	0.0101	2.0000e-005	5.5000e-004	1.1000e-004	6.6000e-004	1.6000e-004	1.0000e-004	2.6000e-004	0.0000	1.7356	1.7356	1.0000e-005	0.0000	1.7358
Worker	6.9800e-003	0.0103	0.1081	2.9000e-004	0.0247	1.7000e-004	0.0249	6.5600e-003	1.6000e-004	6.7200e-003	0.0000	21.4025	21.4025	1.0100e-003	0.0000	21.4237
Total	**7.7500e-003**	**0.0177**	**0.1181**	**3.1000e-004**	**0.0253**	**2.8000e-004**	**0.0255**	**6.7200e-003**	**2.6000e-004**	**6.9800e-003**	**0.0000**	**23.1381**	**23.1381**	**1.0200e-003**	**0.0000**	**23.1595**

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	0.0251	0.6458	0.9303	1.3200e-003		0.0150	0.0150		0.0150	0.0150	0.0000	117.4628	117.4628	0.0295	0.0000	118.0824
Total	**0.0251**	**0.6458**	**0.9303**	**1.3200e-003**		**0.0150**	**0.0150**		**0.0150**	**0.0150**	**0.0000**	**117.4628**	**117.4628**	**0.0295**	**0.0000**	**118.0824**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.7000e-004	7.3900e-003	0.0101	2.0000e-005	5.5000e-004	1.1000e-004	6.6000e-004	1.6000e-004	1.0000e-004	2.6000e-004	0.0000	1.7356	1.7356	1.0000e-005	0.0000	1.7358
Worker	6.9800e-003	0.0103	0.1081	2.9000e-004	0.0247	1.7000e-004	0.0249	6.5600e-003	1.6000e-004	6.7200e-003	0.0000	21.4025	21.4025	1.0100e-003	0.0000	21.4237
Total	**7.7500e-003**	**0.0177**	**0.1181**	**3.1000e-004**	**0.0253**	**2.8000e-004**	**0.0255**	**6.7200e-003**	**2.6000e-004**	**6.9800e-003**	**0.0000**	**23.1381**	**23.1381**	**1.0200e-003**	**0.0000**	**23.1595**

3.3 Grading - Export 1 - 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	tons/yr										MT/yr					
Fugitive Dust					1.1900e-003	0.0000	1.1900e-003	1.8000e-004	0.0000	1.8000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**1.1900e-003**	**0.0000**	**1.1900e-003**	**1.8000e-004**	**0.0000**	**1.8000e-004**	**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	tons/yr										MT/yr					
Hauling	0.0251	0.3807	0.2925	9.7000e-004	0.0225	5.4500e-003	0.0280	6.1800e-003	5.0100e-003	0.0112	0.0000	88.2150	88.2150	6.3000e-004	0.0000	88.2283
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	**0.0251**	**0.3807**	**0.2925**	**9.7000e-004**	**0.0225**	**5.4500e-003**	**0.0280**	**6.1800e-003**	**5.0100e-003**	**0.0112**	**0.0000**	**88.2150**	**88.2150**	**6.3000e-004**	**0.0000**	**88.2283**

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					4.6000e-004	0.0000	4.6000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**7.0000e-005**	**0.0000**	**7.0000e-005**	**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	tons/yr										MT/yr					
Hauling	0.0251	0.3807	0.2925	9.7000e-004	0.0225	5.4500e-003	0.0280	6.1800e-003	5.0100e-003	0.0112	0.0000	88.2150	88.2150	6.3000e-004	0.0000	88.2283
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	**0.0251**	**0.3807**	**0.2925**	**9.7000e-004**	**0.0225**	**5.4500e-003**	**0.0280**	**6.1800e-003**	**5.0100e-003**	**0.0112**	**0.0000**	**88.2150**	**88.2150**	**6.3000e-004**	**0.0000**	**88.2283**

3.4 Demolition 1 - 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	tons/yr										MT/yr					
Fugitive Dust					0.1212	0.0000	0.1212	0.0184	0.0000	0.0184	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0414	0.3516	0.2554	3.7000e-004		0.0261	0.0261		0.0248	0.0248	0.0000	33.6397	33.6397	7.3000e-003	0.0000	33.7930
Total	**0.0414**	**0.3516**	**0.2554**	**3.7000e-004**	**0.1212**	**0.0261**	**0.1473**	**0.0184**	**0.0248**	**0.0432**	**0.0000**	**33.6397**	**33.6397**	**7.3000e-003**	**0.0000**	**33.7930**

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	0.0107	0.1624	0.1248	4.1000e-004	9.6000e-003	2.3200e-003	0.0119	2.6300e-003	2.1400e-003	4.7700e-003	0.0000	37.6241	37.6241	2.7000e-004	0.0000	37.6297
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	2.7100e-003	4.0100e-003	0.0418	1.0000e-004	8.6900e-003	6.0000e-005	8.7600e-003	2.3100e-003	6.0000e-005	2.3700e-003	0.0000	7.8370	7.8370	3.8000e-004	0.0000	7.8450
Total	**0.0134**	**0.1664**	**0.1666**	**5.1000e-004**	**0.0183**	**2.3800e-003**	**0.0207**	**4.9400e-003**	**2.2000e-003**	**7.1400e-003**	**0.0000**	**45.4610**	**45.4610**	**6.5000e-004**	**0.0000**	**45.4747**

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					0.0473	0.0000	0.0473	7.1600e-003	0.0000	7.1600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.4900e-003	0.1445	0.2516	3.7000e-004		5.6000e-004	5.6000e-004		5.6000e-004	5.6000e-004	0.0000	33.6397	33.6397	7.3000e-003	0.0000	33.7929
Total	**7.4900e-003**	**0.1445**	**0.2516**	**3.7000e-004**	**0.0473**	**5.6000e-004**	**0.0478**	**7.1600e-003**	**5.6000e-004**	**7.7200e-003**	**0.0000**	**33.6397**	**33.6397**	**7.3000e-003**	**0.0000**	**33.7929**

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	0.0107	0.1624	0.1248	4.1000e-004	9.6000e-003	2.3200e-003	0.0119	2.6300e-003	2.1400e-003	4.7700e-003	0.0000	37.6241	37.6241	2.7000e-004	0.0000	37.6297
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	2.7100e-003	4.0100e-003	0.0418	1.0000e-004	8.6900e-003	6.0000e-005	8.7600e-003	2.3100e-003	6.0000e-005	2.3700e-003	0.0000	7.8370	7.8370	3.8000e-004	0.0000	7.8450
Total	**0.0134**	**0.1664**	**0.1666**	**5.1000e-004**	**0.0183**	**2.3800e-003**	**0.0207**	**4.9400e-003**	**2.2000e-003**	**7.1400e-003**	**0.0000**	**45.4610**	**45.4610**	**6.5000e-004**	**0.0000**	**45.4747**

3.5 Site Preparation - 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	tons/yr										MT/yr					
Fugitive Dust					0.0710	0.0000	0.0710	7.6700e-003	0.0000	7.6700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1516	1.7472	0.9468	1.6400e-003		0.0927	0.0927		0.0853	0.0853	0.0000	154.6027	154.6027	0.0466	0.0000	155.5820
Total	**0.1516**	**1.7472**	**0.9468**	**1.6400e-003**	**0.0710**	**0.0927**	**0.1637**	**7.6700e-003**	**0.0853**	**0.0930**	**0.0000**	**154.6027**	**154.6027**	**0.0466**	**0.0000**	**155.5820**

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	6.6600e-003	9.8700e-003	0.1029	2.5000e-004	0.0214	1.5000e-004	0.0216	5.6800e-003	1.4000e-004	5.8300e-003	0.0000	19.2955	19.2955	9.4000e-004	0.0000	19.3153
Total	**6.6600e-003**	**9.8700e-003**	**0.1029**	**2.5000e-004**	**0.0214**	**1.5000e-004**	**0.0216**	**5.6800e-003**	**1.4000e-004**	**5.8300e-003**	**0.0000**	**19.2955**	**19.2955**	**9.4000e-004**	**0.0000**	**19.3153**

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					0.0277	0.0000	0.0277	2.9900e-003	0.0000	2.9900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0282	0.6039	1.0922	1.6400e-003		2.6800e-003	2.6800e-003		2.6800e-003	2.6800e-003	0.0000	154.6025	154.6025	0.0466	0.0000	155.5818
Total	**0.0282**	**0.6039**	**1.0922**	**1.6400e-003**	**0.0277**	**2.6800e-003**	**0.0304**	**2.9900e-003**	**2.6800e-003**	**5.6700e-003**	**0.0000**	**154.6025**	**154.6025**	**0.0466**	**0.0000**	**155.5818**

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	6.6600e-003	9.8700e-003	0.1029	2.5000e-004	0.0214	1.5000e-004	0.0216	5.6800e-003	1.4000e-004	5.8300e-003	0.0000	19.2955	19.2955	9.4000e-004	0.0000	19.3153
Total	**6.6600e-003**	**9.8700e-003**	**0.1029**	**2.5000e-004**	**0.0214**	**1.5000e-004**	**0.0216**	**5.6800e-003**	**1.4000e-004**	**5.8300e-003**	**0.0000**	**19.2955**	**19.2955**	**9.4000e-004**	**0.0000**	**19.3153**

3.5 Site Preparation - 2017

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					0.0710	0.0000	0.0710	7.6700e-003	0.0000	7.6700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0813	0.9319	0.5321	9.3000e-004		0.0487	0.0487		0.0448	0.0448	0.0000	86.6236	86.6236	0.0265	0.0000	87.1809
Total	**0.0813**	**0.9319**	**0.5321**	**9.3000e-004**	**0.0710**	**0.0487**	**0.1197**	**7.6700e-003**	**0.0448**	**0.0525**	**0.0000**	**86.6236**	**86.6236**	**0.0265**	**0.0000**	**87.1809**

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	3.4500e-003	5.1000e-003	0.0533	1.4000e-004	0.0122	8.0000e-005	0.0123	3.2400e-003	8.0000e-005	3.3100e-003	0.0000	10.5586	10.5586	5.0000e-004	0.0000	10.5690
Total	**3.4500e-003**	**5.1000e-003**	**0.0533**	**1.4000e-004**	**0.0122**	**8.0000e-005**	**0.0123**	**3.2400e-003**	**8.0000e-005**	**3.3100e-003**	**0.0000**	**10.5586**	**10.5586**	**5.0000e-004**	**0.0000**	**10.5690**

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					0.0277	0.0000	0.0277	2.9900e-003	0.0000	2.9900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0161	0.3438	0.6217	9.3000e-004		1.5300e-003	1.5300e-003		1.5300e-003	1.5300e-003	0.0000	86.6235	86.6235	0.0265	0.0000	87.1808
Total	**0.0161**	**0.3438**	**0.6217**	**9.3000e-004**	**0.0277**	**1.5300e-003**	**0.0292**	**2.9900e-003**	**1.5300e-003**	**4.5200e-003**	**0.0000**	**86.6235**	**86.6235**	**0.0265**	**0.0000**	**87.1808**

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	3.4500e-003	5.1000e-003	0.0533	1.4000e-004	0.0122	8.0000e-005	0.0123	3.2400e-003	8.0000e-005	3.3100e-003	0.0000	10.5586	10.5586	5.0000e-004	0.0000	10.5690
Total	**3.4500e-003**	**5.1000e-003**	**0.0533**	**1.4000e-004**	**0.0122**	**8.0000e-005**	**0.0123**	**3.2400e-003**	**8.0000e-005**	**3.3100e-003**	**0.0000**	**10.5586**	**10.5586**	**5.0000e-004**	**0.0000**	**10.5690**

3.6 Trenching - 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	tons/yr										MT/yr					
Off-Road	0.0245	0.2467	0.1767	2.5000e-004		0.0161	0.0161		0.0148	0.0148	0.0000	23.2947	23.2947	7.0300e-003	0.0000	23.4423
Total	**0.0245**	**0.2467**	**0.1767**	**2.5000e-004**		**0.0161**	**0.0161**		**0.0148**	**0.0148**	**0.0000**	**23.2947**	**23.2947**	**7.0300e-003**	**0.0000**	**23.4423**

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	6.6600e-003	9.8700e-003	0.1029	2.5000e-004	0.0214	1.5000e-004	0.0216	5.6800e-003	1.4000e-004	5.8300e-003	0.0000	19.2955	19.2955	9.4000e-004	0.0000	19.3153
Total	**6.6600e-003**	**9.8700e-003**	**0.1029**	**2.5000e-004**	**0.0214**	**1.5000e-004**	**0.0216**	**5.6800e-003**	**1.4000e-004**	**5.8300e-003**	**0.0000**	**19.2955**	**19.2955**	**9.4000e-004**	**0.0000**	**19.3153**

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	4.2300e-003	0.1083	0.1868	2.5000e-004		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004	0.0000	23.2947	23.2947	7.0300e-003	0.0000	23.4423
Total	**4.2300e-003**	**0.1083**	**0.1868**	**2.5000e-004**		**4.0000e-004**	**4.0000e-004**		**4.0000e-004**	**4.0000e-004**	**0.0000**	**23.2947**	**23.2947**	**7.0300e-003**	**0.0000**	**23.4423**

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	6.6600e-003	9.8700e-003	0.1029	2.5000e-004	0.0214	1.5000e-004	0.0216	5.6800e-003	1.4000e-004	5.8300e-003	0.0000	19.2955	19.2955	9.4000e-004	0.0000	19.3153
Total	**6.6600e-003**	**9.8700e-003**	**0.1029**	**2.5000e-004**	**0.0214**	**1.5000e-004**	**0.0216**	**5.6800e-003**	**1.4000e-004**	**5.8300e-003**	**0.0000**	**19.2955**	**19.2955**	**9.4000e-004**	**0.0000**	**19.3153**

3.6 Trenching - 2017

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	0.0308	0.3060	0.2345	3.3000e-004		0.0199	0.0199		0.0183	0.0183	0.0000	30.5626	30.5626	9.3600e-003	0.0000	30.7592
Total	**0.0308**	**0.3060**	**0.2345**	**3.3000e-004**		**0.0199**	**0.0199**		**0.0183**	**0.0183**	**0.0000**	**30.5626**	**30.5626**	**9.3600e-003**	**0.0000**	**30.7592**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0700e-003	0.0120	0.1249	3.4000e-004	0.0285	2.0000e-004	0.0287	7.5800e-003	1.8000e-004	7.7600e-003	0.0000	24.7318	24.7318	1.1700e-003	0.0000	24.7563
Total	**8.0700e-003**	**0.0120**	**0.1249**	**3.4000e-004**	**0.0285**	**2.0000e-004**	**0.0287**	**7.5800e-003**	**1.8000e-004**	**7.7600e-003**	**0.0000**	**24.7318**	**24.7318**	**1.1700e-003**	**0.0000**	**24.7563**

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	5.6400e-003	0.1444	0.2491	3.3000e-004		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004	0.0000	30.5625	30.5625	9.3600e-003	0.0000	30.7592
Total	**5.6400e-003**	**0.1444**	**0.2491**	**3.3000e-004**		**5.4000e-004**	**5.4000e-004**		**5.4000e-004**	**5.4000e-004**	**0.0000**	**30.5625**	**30.5625**	**9.3600e-003**	**0.0000**	**30.7592**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0700e-003	0.0120	0.1249	3.4000e-004	0.0285	2.0000e-004	0.0287	7.5800e-003	1.8000e-004	7.7600e-003	0.0000	24.7318	24.7318	1.1700e-003	0.0000	24.7563
Total	**8.0700e-003**	**0.0120**	**0.1249**	**3.4000e-004**	**0.0285**	**2.0000e-004**	**0.0287**	**7.5800e-003**	**1.8000e-004**	**7.7600e-003**	**0.0000**	**24.7318**	**24.7318**	**1.1700e-003**	**0.0000**	**24.7563**

3.6 Trenching - 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					
Off-Road	8.9400e-003	0.0888	0.0794	1.1000e-004		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	10.4066	10.4066	3.2400e-003	0.0000	10.4746
Total	**8.9400e-003**	**0.0888**	**0.0794**	**1.1000e-004**		**5.6100e-003**	**5.6100e-003**		**5.1600e-003**	**5.1600e-003**	**0.0000**	**10.4066**	**10.4066**	**3.2400e-003**	**0.0000**	**10.4746**

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	2.5400e-003	3.7700e-003	0.0395	1.2000e-004	9.8800e-003	7.0000e-005	9.9500e-003	2.6200e-003	6.0000e-005	2.6900e-003	0.0000	8.2400	8.2400	3.8000e-004	0.0000	8.2479
Total	**2.5400e-003**	**3.7700e-003**	**0.0395**	**1.2000e-004**	**9.8800e-003**	**7.0000e-005**	**9.9500e-003**	**2.6200e-003**	**6.0000e-005**	**2.6900e-003**	**0.0000**	**8.2400**	**8.2400**	**3.8000e-004**	**0.0000**	**8.2479**

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	1.9500e-003	0.0500	0.0862	1.1000e-004		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004	0.0000	10.4065	10.4065	3.2400e-003	0.0000	10.4746
Total	**1.9500e-003**	**0.0500**	**0.0862**	**1.1000e-004**		**1.9000e-004**	**1.9000e-004**		**1.9000e-004**	**1.9000e-004**	**0.0000**	**10.4065**	**10.4065**	**3.2400e-003**	**0.0000**	**10.4746**

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	2.5400e-003	3.7700e-003	0.0395	1.2000e-004	9.8800e-003	7.0000e-005	9.9500e-003	2.6200e-003	6.0000e-005	2.6900e-003	0.0000	8.2400	8.2400	3.8000e-004	0.0000	8.2479
Total	**2.5400e-003**	**3.7700e-003**	**0.0395**	**1.2000e-004**	**9.8800e-003**	**7.0000e-005**	**9.9500e-003**	**2.6200e-003**	**6.0000e-005**	**2.6900e-003**	**0.0000**	**8.2400**	**8.2400**	**3.8000e-004**	**0.0000**	**8.2479**

3.7 Architectural Coating 1 - Retail 1 - 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	tons/yr										MT/yr					
Archit. Coating	0.2000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0120	0.0771	0.0612	1.0000e-004		6.3900e-003	6.3900e-003		6.3900e-003	6.3900e-003	0.0000	8.2981	8.2981	9.8000e-004	0.0000	8.3186
Total	**0.2120**	**0.0771**	**0.0612**	**1.0000e-004**		**6.3900e-003**	**6.3900e-003**		**6.3900e-003**	**6.3900e-003**	**0.0000**	**8.2981**	**8.2981**	**9.8000e-004**	**0.0000**	**8.3186**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8200e-003	0.0176	0.0230	4.0000e-005	1.2000e-003	2.7000e-004	1.4700e-003	3.4000e-004	2.5000e-004	5.9000e-004	0.0000	3.8227	3.8227	3.0000e-005	0.0000	3.8233
Worker	6.6600e-003	9.8700e-003	0.1029	2.5000e-004	0.0214	1.5000e-004	0.0216	5.6800e-003	1.4000e-004	5.8300e-003	0.0000	19.2955	19.2955	9.4000e-004	0.0000	19.3153
Total	**8.4800e-003**	**0.0275**	**0.1259**	**2.9000e-004**	**0.0226**	**4.2000e-004**	**0.0230**	**6.0200e-003**	**3.9000e-004**	**6.4200e-003**	**0.0000**	**23.1182**	**23.1182**	**9.7000e-004**	**0.0000**	**23.1386**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7700e-003	0.0344	0.0596	1.0000e-004		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004	0.0000	8.2981	8.2981	9.8000e-004	0.0000	8.3186
Total	**0.2018**	**0.0344**	**0.0596**	**1.0000e-004**		**1.3000e-004**	**1.3000e-004**		**1.3000e-004**	**1.3000e-004**	**0.0000**	**8.2981**	**8.2981**	**9.8000e-004**	**0.0000**	**8.3186**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8200e-003	0.0176	0.0230	4.0000e-005	1.2000e-003	2.7000e-004	1.4700e-003	3.4000e-004	2.5000e-004	5.9000e-004	0.0000	3.8227	3.8227	3.0000e-005	0.0000	3.8233
Worker	6.6600e-003	9.8700e-003	0.1029	2.5000e-004	0.0214	1.5000e-004	0.0216	5.6800e-003	1.4000e-004	5.8300e-003	0.0000	19.2955	19.2955	9.4000e-004	0.0000	19.3153
Total	**8.4800e-003**	**0.0275**	**0.1259**	**2.9000e-004**	**0.0226**	**4.2000e-004**	**0.0230**	**6.0200e-003**	**3.9000e-004**	**6.4200e-003**	**0.0000**	**23.1182**	**23.1182**	**9.7000e-004**	**0.0000**	**23.1386**

3.7 Architectural Coating 1 - Retail 1 - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1128					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0900e-003	0.0401	0.0343	5.0000e-005		3.1800e-003	3.1800e-003		3.1800e-003	3.1800e-003	0.0000	4.6810	4.6810	4.9000e-004	0.0000	4.6913
Total	**0.1189**	**0.0401**	**0.0343**	**5.0000e-005**		**3.1800e-003**	**3.1800e-003**		**3.1800e-003**	**3.1800e-003**	**0.0000**	**4.6810**	**4.6810**	**4.9000e-004**	**0.0000**	**4.6913**

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	9.5000e-004	9.0300e-003	0.0123	2.0000e-005	6.8000e-004	1.4000e-004	8.1000e-004	1.9000e-004	1.2000e-004	3.2000e-004	0.0000	2.1213	2.1213	2.0000e-005	0.0000	2.1216
Worker	3.4100e-003	5.0600e-003	0.0528	1.4000e-004	0.0121	8.0000e-005	0.0122	3.2100e-003	8.0000e-005	3.2800e-003	0.0000	10.4634	10.4634	4.9000e-004	0.0000	10.4738
Total	**4.3600e-003**	**0.0141**	**0.0651**	**1.6000e-004**	**0.0128**	**2.2000e-004**	**0.0130**	**3.4000e-003**	**2.0000e-004**	**3.6000e-003**	**0.0000**	**12.5847**	**12.5847**	**5.1000e-004**	**0.0000**	**12.5954**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1128					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.0000e-003	0.0194	0.0336	5.0000e-005		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	4.6810	4.6810	4.9000e-004	0.0000	4.6913
Total	**0.1138**	**0.0194**	**0.0336**	**5.0000e-005**		**7.0000e-005**	**7.0000e-005**		**7.0000e-005**	**7.0000e-005**	**0.0000**	**4.6810**	**4.6810**	**4.9000e-004**	**0.0000**	**4.6913**

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	9.5000e-004	9.0300e-003	0.0123	2.0000e-005	6.8000e-004	1.4000e-004	8.1000e-004	1.9000e-004	1.2000e-004	3.2000e-004	0.0000	2.1213	2.1213	2.0000e-005	0.0000	2.1216
Worker	3.4100e-003	5.0600e-003	0.0528	1.4000e-004	0.0121	8.0000e-005	0.0122	3.2100e-003	8.0000e-005	3.2800e-003	0.0000	10.4634	10.4634	4.9000e-004	0.0000	10.4738
Total	**4.3600e-003**	**0.0141**	**0.0651**	**1.6000e-004**	**0.0128**	**2.2000e-004**	**0.0130**	**3.4000e-003**	**2.0000e-004**	**3.6000e-003**	**0.0000**	**12.5847**	**12.5847**	**5.1000e-004**	**0.0000**	**12.5954**

3.8 Grading - All Activities - 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	tons/yr										MT/yr					
Fugitive Dust					0.3913	0.0000	0.3913	0.0423	0.0000	0.0423	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4196	4.8375	2.8544	4.3500e-003		0.2322	0.2322		0.2149	0.2149	0.0000	406.5524	406.5524	0.1172	0.0000	409.0143
Total	**0.4196**	**4.8375**	**2.8544**	**4.3500e-003**	**0.3913**	**0.2322**	**0.6235**	**0.0423**	**0.2149**	**0.2571**	**0.0000**	**406.5524**	**406.5524**	**0.1172**	**0.0000**	**409.0143**

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	0.0252	0.3823	0.2938	9.7000e-004	0.0379	5.4700e-003	0.0434	9.9600e-003	5.0300e-003	0.0150	0.0000	88.5911	88.5911	6.3000e-004	0.0000	88.6044
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	0.0148	0.0219	0.2283	5.6000e-004	0.0475	3.4000e-004	0.0478	0.0126	3.1000e-004	0.0129	0.0000	42.7965	42.7965	2.0900e-003	0.0000	42.8404
Total	**0.0400**	**0.4042**	**0.5220**	**1.5300e-003**	**0.0854**	**5.8100e-003**	**0.0912**	**0.0226**	**5.3400e-003**	**0.0279**	**0.0000**	**131.3876**	**131.3876**	**2.7200e-003**	**0.0000**	**131.4449**

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					0.1526	0.0000	0.1526	0.0165	0.0000	0.0165	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0721	1.4184	2.6317	4.3500e-003		8.8600e-003	8.8600e-003		8.8600e-003	8.8600e-003	0.0000	406.5520	406.5520	0.1172	0.0000	409.0138
Total	**0.0721**	**1.4184**	**2.6317**	**4.3500e-003**	**0.1526**	**8.8600e-003**	**0.1615**	**0.0165**	**8.8600e-003**	**0.0253**	**0.0000**	**406.5520**	**406.5520**	**0.1172**	**0.0000**	**409.0138**

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	0.0252	0.3823	0.2938	9.7000e-004	0.0379	5.4700e-003	0.0434	9.9600e-003	5.0300e-003	0.0150	0.0000	88.5911	88.5911	6.3000e-004	0.0000	88.6044
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	0.0148	0.0219	0.2283	5.6000e-004	0.0475	3.4000e-004	0.0478	0.0126	3.1000e-004	0.0129	0.0000	42.7965	42.7965	2.0900e-003	0.0000	42.8404
Total	**0.0400**	**0.4042**	**0.5220**	**1.5300e-003**	**0.0854**	**5.8100e-003**	**0.0912**	**0.0226**	**5.3400e-003**	**0.0279**	**0.0000**	**131.3876**	**131.3876**	**2.7200e-003**	**0.0000**	**131.4449**

3.8 Grading - All Activities - 2017

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					0.3913	0.0000	0.3913	0.0423	0.0000	0.0423	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3509	4.0134	2.4442	3.8900e-003		0.1907	0.1907		0.1765	0.1765	0.0000	358.8039	358.8039	0.1048	0.0000	361.0037
Total	**0.3509**	**4.0134**	**2.4442**	**3.8900e-003**	**0.3913**	**0.1907**	**0.5821**	**0.0423**	**0.1765**	**0.2188**	**0.0000**	**358.8039**	**358.8039**	**0.1048**	**0.0000**	**361.0037**

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	0.0212	0.3142	0.2525	8.7000e-004	0.0373	4.4900e-003	0.0418	9.7500e-003	4.1300e-003	0.0139	0.0000	78.0638	78.0638	5.6000e-004	0.0000	78.0755
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	0.0120	0.0178	0.1861	5.1000e-004	0.0425	3.0000e-004	0.0428	0.0113	2.7000e-004	0.0116	0.0000	36.8598	36.8598	1.7400e-003	0.0000	36.8964
Total	**0.0333**	**0.3320**	**0.4387**	**1.3800e-003**	**0.0799**	**4.7900e-003**	**0.0847**	**0.0211**	**4.4000e-003**	**0.0254**	**0.0000**	**114.9237**	**114.9237**	**2.3000e-003**	**0.0000**	**114.9719**

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					0.1526	0.0000	0.1526	0.0165	0.0000	0.0165	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0646	1.2708	2.3578	3.8900e-003		7.9400e-003	7.9400e-003		7.9400e-003	7.9400e-003	0.0000	358.8035	358.8035	0.1048	0.0000	361.0033
Total	**0.0646**	**1.2708**	**2.3578**	**3.8900e-003**	**0.1526**	**7.9400e-003**	**0.1606**	**0.0165**	**7.9400e-003**	**0.0244**	**0.0000**	**358.8035**	**358.8035**	**0.1048**	**0.0000**	**361.0033**

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	0.0212	0.3142	0.2525	8.7000e-004	0.0373	4.4900e-003	0.0418	9.7500e-003	4.1300e-003	0.0139	0.0000	78.0638	78.0638	5.6000e-004	0.0000	78.0755
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	0.0120	0.0178	0.1861	5.1000e-004	0.0425	3.0000e-004	0.0428	0.0113	2.7000e-004	0.0116	0.0000	36.8598	36.8598	1.7400e-003	0.0000	36.8964
Total	**0.0333**	**0.3320**	**0.4387**	**1.3800e-003**	**0.0799**	**4.7900e-003**	**0.0847**	**0.0211**	**4.4000e-003**	**0.0254**	**0.0000**	**114.9237**	**114.9237**	**2.3000e-003**	**0.0000**	**114.9719**

3.9 Building Construction 2 - Retail 2 - 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	tons/yr										MT/yr					
Off-Road	0.6839	5.2843	4.0149	6.1300e-003		0.3656	0.3656		0.3524	0.3524	0.0000	541.2789	541.2789	0.1055	0.0000	543.4952
Total	**0.6839**	**5.2843**	**4.0149**	**6.1300e-003**		**0.3656**	**0.3656**		**0.3524**	**0.3524**	**0.0000**	**541.2789**	**541.2789**	**0.1055**	**0.0000**	**543.4952**

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	0.0140	0.1354	0.1769	3.2000e-004	9.2300e-003	2.0700e-003	0.0113	2.6400e-003	1.9000e-003	4.5300e-003	0.0000	29.4052	29.4052	2.1000e-004	0.0000	29.4096
Worker	0.0513	0.0759	0.7917	1.9600e-003	0.1647	1.1700e-003	0.1658	0.0437	1.0800e-003	0.0448	0.0000	148.4271	148.4271	7.2600e-003	0.0000	148.5796
Total	**0.0653**	**0.2113**	**0.9686**	**2.2800e-003**	**0.1739**	**3.2400e-003**	**0.1771**	**0.0464**	**2.9800e-003**	**0.0493**	**0.0000**	**177.8323**	**177.8323**	**7.4700e-003**	**0.0000**	**177.9892**

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	0.1121	2.5391	4.0661	6.1300e-003		0.0250	0.0250		0.0250	0.0250	0.0000	541.2782	541.2782	0.1055	0.0000	543.4945
Total	**0.1121**	**2.5391**	**4.0661**	**6.1300e-003**		**0.0250**	**0.0250**		**0.0250**	**0.0250**	**0.0000**	**541.2782**	**541.2782**	**0.1055**	**0.0000**	**543.4945**

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	0.0140	0.1354	0.1769	3.2000e-004	9.2300e-003	2.0700e-003	0.0113	2.6400e-003	1.9000e-003	4.5300e-003	0.0000	29.4052	29.4052	2.1000e-004	0.0000	29.4096
Worker	0.0513	0.0759	0.7917	1.9600e-003	0.1647	1.1700e-003	0.1658	0.0437	1.0800e-003	0.0448	0.0000	148.4271	148.4271	7.2600e-003	0.0000	148.5796
Total	**0.0653**	**0.2113**	**0.9686**	**2.2800e-003**	**0.1739**	**3.2400e-003**	**0.1771**	**0.0464**	**2.9800e-003**	**0.0493**	**0.0000**	**177.8323**	**177.8323**	**7.4700e-003**	**0.0000**	**177.9892**

3.9 Building Construction 2 - Retail 2 - 2017

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	1.0683	8.3987	6.8739	0.0106		0.5634	0.5634		0.5430	0.5430	0.0000	931.8550	931.8550	0.1767	0.0000	935.5658
Total	**1.0683**	**8.3987**	**6.8739**	**0.0106**		**0.5634**	**0.5634**		**0.5430**	**0.5430**	**0.0000**	**931.8550**	**931.8550**	**0.1767**	**0.0000**	**935.5658**

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	0.0224	0.2134	0.2902	5.6000e-004	0.0160	3.2000e-003	0.0192	4.5700e-003	2.9400e-003	7.5100e-003	0.0000	50.1389	50.1389	3.6000e-004	0.0000	50.1464
Worker	0.0807	0.1195	1.2489	3.3900e-003	0.2854	1.9900e-003	0.2874	0.0758	1.8300e-003	0.0776	0.0000	247.3175	247.3175	0.0117	0.0000	247.5627
Total	**0.1031**	**0.3329**	**1.5391**	**3.9500e-003**	**0.3014**	**5.1900e-003**	**0.3066**	**0.0804**	**4.7700e-003**	**0.0851**	**0.0000**	**297.4564**	**297.4564**	**0.0120**	**0.0000**	**297.7091**

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	0.1944	4.4011	7.0479	0.0106		0.0433	0.0433		0.0433	0.0433	0.0000	931.8539	931.8539	0.1767	0.0000	935.5647
Total	**0.1944**	**4.4011**	**7.0479**	**0.0106**		**0.0433**	**0.0433**		**0.0433**	**0.0433**	**0.0000**	**931.8539**	**931.8539**	**0.1767**	**0.0000**	**935.5647**

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	0.0224	0.2134	0.2902	5.6000e-004	0.0160	3.2000e-003	0.0192	4.5700e-003	2.9400e-003	7.5100e-003	0.0000	50.1389	50.1389	3.6000e-004	0.0000	50.1464
Worker	0.0807	0.1195	1.2489	3.3900e-003	0.2854	1.9900e-003	0.2874	0.0758	1.8300e-003	0.0776	0.0000	247.3175	247.3175	0.0117	0.0000	247.5627
Total	**0.1031**	**0.3329**	**1.5391**	**3.9500e-003**	**0.3014**	**5.1900e-003**	**0.3066**	**0.0804**	**4.7700e-003**	**0.0851**	**0.0000**	**297.4564**	**297.4564**	**0.0120**	**0.0000**	**297.7091**

3.9 Building Construction 2 - Retail 2 - 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					
Off-Road	0.3198	2.5495	2.3344	3.6800e-003		0.1635	0.1635		0.1579	0.1579	0.0000	320.3587	320.3587	0.0590	0.0000	321.5978
Total	**0.3198**	**2.5495**	**2.3344**	**3.6800e-003**		**0.1635**	**0.1635**		**0.1579**	**0.1579**	**0.0000**	**320.3587**	**320.3587**	**0.0590**	**0.0000**	**321.5978**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.2300e-003	0.0678	0.0959	1.9000e-004	5.5400e-003	1.0400e-003	6.5800e-003	1.5800e-003	9.6000e-004	2.5400e-003	0.0000	17.0610	17.0610	1.2000e-004	0.0000	17.0636
Worker	0.0254	0.0377	0.3950	1.1700e-003	0.0988	6.8000e-004	0.0995	0.0262	6.3000e-004	0.0269	0.0000	82.3999	82.3999	3.7700e-003	0.0000	82.4791
Total	**0.0327**	**0.1055**	**0.4909**	**1.3600e-003**	**0.1043**	**1.7200e-003**	**0.1061**	**0.0278**	**1.5900e-003**	**0.0294**	**0.0000**	**99.4609**	**99.4609**	**3.8900e-003**	**0.0000**	**99.5427**

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	0.0673	1.5235	2.4397	3.6800e-003		0.0150	0.0150		0.0150	0.0150	0.0000	320.3583	320.3583	0.0590	0.0000	321.5974
Total	**0.0673**	**1.5235**	**2.4397**	**3.6800e-003**		**0.0150**	**0.0150**		**0.0150**	**0.0150**	**0.0000**	**320.3583**	**320.3583**	**0.0590**	**0.0000**	**321.5974**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.2300e-003	0.0678	0.0959	1.9000e-004	5.5400e-003	1.0400e-003	6.5800e-003	1.5800e-003	9.6000e-004	2.5400e-003	0.0000	17.0610	17.0610	1.2000e-004	0.0000	17.0636
Worker	0.0254	0.0377	0.3950	1.1700e-003	0.0988	6.8000e-004	0.0995	0.0262	6.3000e-004	0.0269	0.0000	82.3999	82.3999	3.7700e-003	0.0000	82.4791
Total	**0.0327**	**0.1055**	**0.4909**	**1.3600e-003**	**0.1043**	**1.7200e-003**	**0.1061**	**0.0278**	**1.5900e-003**	**0.0294**	**0.0000**	**99.4609**	**99.4609**	**3.8900e-003**	**0.0000**	**99.5427**

3.10 Building Construction 3 - Residential - 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	tons/yr										MT/yr					
Off-Road	0.3086	2.4992	1.8409	2.9400e-003		0.1669	0.1669		0.1622	0.1622	0.0000	259.1381	259.1381	0.0448	0.0000	260.0781
Total	**0.3086**	**2.4992**	**1.8409**	**2.9400e-003**		**0.1669**	**0.1669**		**0.1622**	**0.1622**	**0.0000**	**259.1381**	**259.1381**	**0.0448**	**0.0000**	**260.0781**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.0100e-003	0.0677	0.0884	1.6000e-004	4.6200e-003	1.0300e-003	5.6500e-003	1.3200e-003	9.5000e-004	2.2700e-003	0.0000	14.7026	14.7026	1.1000e-004	0.0000	14.7048
Worker	0.0256	0.0380	0.3959	9.8000e-004	0.0823	5.9000e-004	0.0829	0.0219	5.4000e-004	0.0224	0.0000	74.2136	74.2136	3.6300e-003	0.0000	74.2898
Total	**0.0326**	**0.1057**	**0.4843**	**1.1400e-003**	**0.0870**	**1.6200e-003**	**0.0886**	**0.0232**	**1.4900e-003**	**0.0247**	**0.0000**	**88.9161**	**88.9161**	**3.7400e-003**	**0.0000**	**88.9946**

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	0.0533	1.1232	1.8962	2.9400e-003		6.7500e-003	6.7500e-003		6.7500e-003	6.7500e-003	0.0000	259.1378	259.1378	0.0448	0.0000	260.0778
Total	**0.0533**	**1.1232**	**1.8962**	**2.9400e-003**		**6.7500e-003**	**6.7500e-003**		**6.7500e-003**	**6.7500e-003**	**0.0000**	**259.1378**	**259.1378**	**0.0448**	**0.0000**	**260.0778**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.0100e-003	0.0677	0.0884	1.6000e-004	4.6200e-003	1.0300e-003	5.6500e-003	1.3200e-003	9.5000e-004	2.2700e-003	0.0000	14.7026	14.7026	1.1000e-004	0.0000	14.7048
Worker	0.0256	0.0380	0.3959	9.8000e-004	0.0823	5.9000e-004	0.0829	0.0219	5.4000e-004	0.0224	0.0000	74.2136	74.2136	3.6300e-003	0.0000	74.2898
Total	**0.0326**	**0.1057**	**0.4843**	**1.1400e-003**	**0.0870**	**1.6200e-003**	**0.0886**	**0.0232**	**1.4900e-003**	**0.0247**	**0.0000**	**88.9161**	**88.9161**	**3.7400e-003**	**0.0000**	**88.9946**

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	0.4805	3.9548	3.1482	5.0900e-003		0.2555	0.2555		0.2484	0.2484	0.0000	446.7138	446.7138	0.0746	0.0000	448.2799
Total	**0.4805**	**3.9548**	**3.1482**	**5.0900e-003**		**0.2555**	**0.2555**		**0.2484**	**0.2484**	**0.0000**	**446.7138**	**446.7138**	**0.0746**	**0.0000**	**448.2799**

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	0.0112	0.1067	0.1451	2.8000e-004	8.0000e-003	1.6000e-003	9.6000e-003	2.2800e-003	1.4700e-003	3.7500e-003	0.0000	25.0695	25.0695	1.8000e-004	0.0000	25.0732
Worker	0.0404	0.0597	0.6244	1.6900e-003	0.1427	9.9000e-004	0.1437	0.0379	9.2000e-004	0.0388	0.0000	123.6587	123.6587	5.8400e-003	0.0000	123.7814
Total	**0.0515**	**0.1665**	**0.7695**	**1.9700e-003**	**0.1507**	**2.5900e-003**	**0.1533**	**0.0402**	**2.3900e-003**	**0.0426**	**0.0000**	**148.7282**	**148.7282**	**6.0200e-003**	**0.0000**	**148.8546**

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	0.0924	1.9468	3.2867	5.0900e-003		0.0117	0.0117		0.0117	0.0117	0.0000	446.7133	446.7133	0.0746	0.0000	448.2793
Total	**0.0924**	**1.9468**	**3.2867**	**5.0900e-003**		**0.0117**	**0.0117**		**0.0117**	**0.0117**	**0.0000**	**446.7133**	**446.7133**	**0.0746**	**0.0000**	**448.2793**

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	0.0112	0.1067	0.1451	2.8000e-004	8.0000e-003	1.6000e-003	9.6000e-003	2.2800e-003	1.4700e-003	3.7500e-003	0.0000	25.0695	25.0695	1.8000e-004	0.0000	25.0732
Worker	0.0404	0.0597	0.6244	1.6900e-003	0.1427	9.9000e-004	0.1437	0.0379	9.2000e-004	0.0388	0.0000	123.6587	123.6587	5.8400e-003	0.0000	123.7814
Total	**0.0515**	**0.1665**	**0.7695**	**1.9700e-003**	**0.1507**	**2.5900e-003**	**0.1533**	**0.0402**	**2.3900e-003**	**0.0426**	**0.0000**	**148.7282**	**148.7282**	**6.0200e-003**	**0.0000**	**148.8546**

3.10 Building Construction 3 - Residential - 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					
Off-Road	0.1448	1.2086	1.0696	1.7600e-003		0.0746	0.0746		0.0727	0.0727	0.0000	153.7752	153.7752	0.0247	0.0000	154.2946
Total	**0.1448**	**1.2086**	**1.0696**	**1.7600e-003**		**0.0746**	**0.0746**		**0.0727**	**0.0727**	**0.0000**	**153.7752**	**153.7752**	**0.0247**	**0.0000**	**154.2946**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.6100e-003	0.0339	0.0480	1.0000e-004	2.7700e-003	5.2000e-004	3.2900e-003	7.9000e-004	4.8000e-004	1.2700e-003	0.0000	8.5305	8.5305	6.0000e-005	0.0000	8.5318
Worker	0.0127	0.0189	0.1975	5.9000e-004	0.0494	3.4000e-004	0.0497	0.0131	3.1000e-004	0.0134	0.0000	41.1999	41.1999	1.8900e-003	0.0000	41.2396
Total	**0.0163**	**0.0528**	**0.2454**	**6.9000e-004**	**0.0522**	**8.6000e-004**	**0.0530**	**0.0139**	**7.9000e-004**	**0.0147**	**0.0000**	**49.7304**	**49.7304**	**1.9500e-003**	**0.0000**	**49.7713**

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	0.0320	0.6739	1.1377	1.7600e-003		4.0500e-003	4.0500e-003		4.0500e-003	4.0500e-003	0.0000	153.7750	153.7750	0.0247	0.0000	154.2944
Total	**0.0320**	**0.6739**	**1.1377**	**1.7600e-003**		**4.0500e-003**	**4.0500e-003**		**4.0500e-003**	**4.0500e-003**	**0.0000**	**153.7750**	**153.7750**	**0.0247**	**0.0000**	**154.2944**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.6100e-003	0.0339	0.0480	1.0000e-004	2.7700e-003	5.2000e-004	3.2900e-003	7.9000e-004	4.8000e-004	1.2700e-003	0.0000	8.5305	8.5305	6.0000e-005	0.0000	8.5318
Worker	0.0127	0.0189	0.1975	5.9000e-004	0.0494	3.4000e-004	0.0497	0.0131	3.1000e-004	0.0134	0.0000	41.1999	41.1999	1.8900e-003	0.0000	41.2396
Total	**0.0163**	**0.0528**	**0.2454**	**6.9000e-004**	**0.0522**	**8.6000e-004**	**0.0530**	**0.0139**	**7.9000e-004**	**0.0147**	**0.0000**	**49.7304**	**49.7304**	**1.9500e-003**	**0.0000**	**49.7713**

3.11 Architectural Coating 2 - Retail 2 - 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	tons/yr										MT/yr					
Archit. Coating	0.7749					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0373	0.2997	0.2754	4.3000e-004		0.0207	0.0207		0.0204	0.0204	0.0000	38.2426	38.2426	7.5500e-003	0.0000	38.4011
Total	**0.8121**	**0.2997**	**0.2754**	**4.3000e-004**		**0.0207**	**0.0207**		**0.0204**	**0.0204**	**0.0000**	**38.2426**	**38.2426**	**7.5500e-003**	**0.0000**	**38.4011**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5900e-003	0.0154	0.0200	4.0000e-005	1.0500e-003	2.3000e-004	1.2800e-003	3.0000e-004	2.2000e-004	5.1000e-004	0.0000	3.3326	3.3326	2.0000e-005	0.0000	3.3331
Worker	2.9000e-003	4.3000e-003	0.0449	1.1000e-004	9.3300e-003	7.0000e-005	9.4000e-003	2.4800e-003	6.0000e-005	2.5400e-003	0.0000	8.4109	8.4109	4.1000e-004	0.0000	8.4195
Total	**4.4900e-003**	**0.0197**	**0.0649**	**1.5000e-004**	**0.0104**	**3.0000e-004**	**0.0107**	**2.7800e-003**	**2.8000e-004**	**3.0500e-003**	**0.0000**	**11.7435**	**11.7435**	**4.3000e-004**	**0.0000**	**11.7526**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.7749					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.9500e-003	0.1888	0.2890	4.3000e-004		4.3700e-003	4.3700e-003		4.3700e-003	4.3700e-003	0.0000	38.2426	38.2426	7.5500e-003	0.0000	38.4011
Total	**0.7838**	**0.1888**	**0.2890**	**4.3000e-004**		**4.3700e-003**	**4.3700e-003**		**4.3700e-003**	**4.3700e-003**	**0.0000**	**38.2426**	**38.2426**	**7.5500e-003**	**0.0000**	**38.4011**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5900e-003	0.0154	0.0200	4.0000e-005	1.0500e-003	2.3000e-004	1.2800e-003	3.0000e-004	2.2000e-004	5.1000e-004	0.0000	3.3326	3.3326	2.0000e-005	0.0000	3.3331
Worker	2.9000e-003	4.3000e-003	0.0449	1.1000e-004	9.3300e-003	7.0000e-005	9.4000e-003	2.4800e-003	6.0000e-005	2.5400e-003	0.0000	8.4109	8.4109	4.1000e-004	0.0000	8.4195
Total	**4.4900e-003**	**0.0197**	**0.0649**	**1.5000e-004**	**0.0104**	**3.0000e-004**	**0.0107**	**2.7800e-003**	**2.8000e-004**	**3.0500e-003**	**0.0000**	**11.7435**	**11.7435**	**4.3000e-004**	**0.0000**	**11.7526**

3.11 Architectural Coating 2 - Retail 2 - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3702					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1021	0.8285	0.8365	1.3100e-003		0.0543	0.0543		0.0535	0.0535	0.0000	116.1910	116.1910	0.0223	0.0000	116.6586
Total	**2.4723**	**0.8285**	**0.8365**	**1.3100e-003**		**0.0543**	**0.0543**		**0.0535**	**0.0535**	**0.0000**	**116.1910**	**116.1910**	**0.0223**	**0.0000**	**116.6586**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.4700e-003	0.0427	0.0580	1.1000e-004	3.2000e-003	6.4000e-004	3.8400e-003	9.1000e-004	5.9000e-004	1.5000e-003	0.0000	10.0278	10.0278	7.0000e-005	0.0000	10.0293
Worker	8.0700e-003	0.0120	0.1249	3.4000e-004	0.0285	2.0000e-004	0.0287	7.5800e-003	1.8000e-004	7.7600e-003	0.0000	24.7318	24.7318	1.1700e-003	0.0000	24.7563
Total	**0.0125**	**0.0546**	**0.1829**	**4.5000e-004**	**0.0317**	**8.4000e-004**	**0.0326**	**8.4900e-003**	**7.7000e-004**	**9.2600e-003**	**0.0000**	**34.7595**	**34.7595**	**1.2400e-003**	**0.0000**	**34.7856**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3702					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0274	0.5774	0.8841	1.3100e-003		0.0134	0.0134		0.0134	0.0134	0.0000	116.1908	116.1908	0.0223	0.0000	116.6585
Total	**2.3976**	**0.5774**	**0.8841**	**1.3100e-003**		**0.0134**	**0.0134**		**0.0134**	**0.0134**	**0.0000**	**116.1908**	**116.1908**	**0.0223**	**0.0000**	**116.6585**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.4700e-003	0.0427	0.0580	1.1000e-004	3.2000e-003	6.4000e-004	3.8400e-003	9.1000e-004	5.9000e-004	1.5000e-003	0.0000	10.0278	10.0278	7.0000e-005	0.0000	10.0293
Worker	8.0700e-003	0.0120	0.1249	3.4000e-004	0.0285	2.0000e-004	0.0287	7.5800e-003	1.8000e-004	7.7600e-003	0.0000	24.7318	24.7318	1.1700e-003	0.0000	24.7563
Total	**0.0125**	**0.0546**	**0.1829**	**4.5000e-004**	**0.0317**	**8.4000e-004**	**0.0326**	**8.4900e-003**	**7.7000e-004**	**9.2600e-003**	**0.0000**	**34.7595**	**34.7595**	**1.2400e-003**	**0.0000**	**34.7856**

3.11 Architectural Coating 2 - Retail 2 - 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					
Archit. Coating	1.4130					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0543	0.4464	0.4954	7.8000e-004		0.0271	0.0271		0.0268	0.0268	0.0000	68.7989	68.7989	0.0129	0.0000	69.0690
Total	**1.4673**	**0.4464**	**0.4954**	**7.8000e-004**		**0.0271**	**0.0271**		**0.0268**	**0.0268**	**0.0000**	**68.7989**	**68.7989**	**0.0129**	**0.0000**	**69.0690**

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	2.4900e-003	0.0234	0.0330	7.0000e-005	1.9100e-003	3.6000e-004	2.2700e-003	5.4000e-004	3.3000e-004	8.7000e-004	0.0000	5.8766	5.8766	4.0000e-005	0.0000	5.8774
Worker	4.3800e-003	6.5000e-003	0.0680	2.0000e-004	0.0170	1.2000e-004	0.0171	4.5200e-003	1.1000e-004	4.6300e-003	0.0000	14.1911	14.1911	6.5000e-004	0.0000	14.2047
Total	**6.8700e-003**	**0.0299**	**0.1011**	**2.7000e-004**	**0.0189**	**4.8000e-004**	**0.0194**	**5.0600e-003**	**4.4000e-004**	**5.5000e-003**	**0.0000**	**20.0677**	**20.0677**	**6.9000e-004**	**0.0000**	**20.0822**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.4130					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0163	0.3442	0.5270	7.8000e-004		7.9700e-003	7.9700e-003		7.9700e-003	7.9700e-003	0.0000	68.7989	68.7989	0.0129	0.0000	69.0689
Total	**1.4293**	**0.3442**	**0.5270**	**7.8000e-004**		**7.9700e-003**	**7.9700e-003**		**7.9700e-003**	**7.9700e-003**	**0.0000**	**68.7989**	**68.7989**	**0.0129**	**0.0000**	**69.0689**

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	2.4900e-003	0.0234	0.0330	7.0000e-005	1.9100e-003	3.6000e-004	2.2700e-003	5.4000e-004	3.3000e-004	8.7000e-004	0.0000	5.8766	5.8766	4.0000e-005	0.0000	5.8774
Worker	4.3800e-003	6.5000e-003	0.0680	2.0000e-004	0.0170	1.2000e-004	0.0171	4.5200e-003	1.1000e-004	4.6300e-003	0.0000	14.1911	14.1911	6.5000e-004	0.0000	14.2047
Total	**6.8700e-003**	**0.0299**	**0.1011**	**2.7000e-004**	**0.0189**	**4.8000e-004**	**0.0194**	**5.0600e-003**	**4.4000e-004**	**5.5000e-003**	**0.0000**	**20.0677**	**20.0677**	**6.9000e-004**	**0.0000**	**20.0822**

3.12 Architectural Coating 3 - Residential - 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	tons/yr										MT/yr					
Archit. Coating	0.8643					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.3200e-003	0.0749	0.0689	1.1000e-004		5.1900e-003	5.1900e-003		5.1100e-003	5.1100e-003	0.0000	9.5607	9.5607	1.8900e-003	0.0000	9.6003
Total	**0.8736**	**0.0749**	**0.0689**	**1.1000e-004**		**5.1900e-003**	**5.1900e-003**		**5.1100e-003**	**5.1100e-003**	**0.0000**	**9.5607**	**9.5607**	**1.8900e-003**	**0.0000**	**9.6003**

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	2.3800e-003	0.0230	0.0301	6.0000e-005	1.5700e-003	3.5000e-004	1.9200e-003	4.5000e-004	3.2000e-004	7.7000e-004	0.0000	4.9989	4.9989	4.0000e-005	0.0000	4.9996
Worker	2.9000e-003	4.3000e-003	0.0449	1.1000e-004	9.3300e-003	7.0000e-005	9.4000e-003	2.4800e-003	6.0000e-005	2.5400e-003	0.0000	8.4109	8.4109	4.1000e-004	0.0000	8.4195
Total	**5.2800e-003**	**0.0273**	**0.0749**	**1.7000e-004**	**0.0109**	**4.2000e-004**	**0.0113**	**2.9300e-003**	**3.8000e-004**	**3.3100e-003**	**0.0000**	**13.4098**	**13.4098**	**4.5000e-004**	**0.0000**	**13.4191**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.8643					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.2400e-003	0.0472	0.0723	1.1000e-004		1.0900e-003	1.0900e-003		1.0900e-003	1.0900e-003	0.0000	9.5606	9.5606	1.8900e-003	0.0000	9.6003
Total	**0.8665**	**0.0472**	**0.0723**	**1.1000e-004**		**1.0900e-003**	**1.0900e-003**		**1.0900e-003**	**1.0900e-003**	**0.0000**	**9.5606**	**9.5606**	**1.8900e-003**	**0.0000**	**9.6003**

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	2.3800e-003	0.0230	0.0301	6.0000e-005	1.5700e-003	3.5000e-004	1.9200e-003	4.5000e-004	3.2000e-004	7.7000e-004	0.0000	4.9989	4.9989	4.0000e-005	0.0000	4.9996
Worker	2.9000e-003	4.3000e-003	0.0449	1.1000e-004	9.3300e-003	7.0000e-005	9.4000e-003	2.4800e-003	6.0000e-005	2.5400e-003	0.0000	8.4109	8.4109	4.1000e-004	0.0000	8.4195
Total	**5.2800e-003**	**0.0273**	**0.0749**	**1.7000e-004**	**0.0109**	**4.2000e-004**	**0.0113**	**2.9300e-003**	**3.8000e-004**	**3.3100e-003**	**0.0000**	**13.4098**	**13.4098**	**4.5000e-004**	**0.0000**	**13.4191**

3.12 Architectural Coating 3 - Residential - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.6437					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0255	0.2071	0.2091	3.3000e-004		0.0136	0.0136		0.0134	0.0134	0.0000	29.0477	29.0477	5.5700e-003	0.0000	29.1647
Total	**2.6692**	**0.2071**	**0.2091**	**3.3000e-004**		**0.0136**	**0.0136**		**0.0134**	**0.0134**	**0.0000**	**29.0477**	**29.0477**	**5.5700e-003**	**0.0000**	**29.1647**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.7100e-003	0.0640	0.0871	1.7000e-004	4.8000e-003	9.6000e-004	5.7600e-003	1.3700e-003	8.8000e-004	2.2500e-003	0.0000	15.0417	15.0417	1.1000e-004	0.0000	15.0439
Worker	8.0700e-003	0.0120	0.1249	3.4000e-004	0.0285	2.0000e-004	0.0287	7.5800e-003	1.8000e-004	7.7600e-003	0.0000	24.7318	24.7318	1.1700e-003	0.0000	24.7563
Total	**0.0148**	**0.0760**	**0.2120**	**5.1000e-004**	**0.0333**	**1.1600e-003**	**0.0345**	**8.9500e-003**	**1.0600e-003**	**0.0100**	**0.0000**	**39.7734**	**39.7734**	**1.2800e-003**	**0.0000**	**39.8002**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.6437					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.8500e-003	0.1444	0.2210	3.3000e-004		3.3400e-003	3.3400e-003		3.3400e-003	3.3400e-003	0.0000	29.0477	29.0477	5.5700e-003	0.0000	29.1646
Total	**2.6505**	**0.1444**	**0.2210**	**3.3000e-004**		**3.3400e-003**	**3.3400e-003**		**3.3400e-003**	**3.3400e-003**	**0.0000**	**29.0477**	**29.0477**	**5.5700e-003**	**0.0000**	**29.1646**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.7100e-003	0.0640	0.0871	1.7000e-004	4.8000e-003	9.6000e-004	5.7600e-003	1.3700e-003	8.8000e-004	2.2500e-003	0.0000	15.0417	15.0417	1.1000e-004	0.0000	15.0439
Worker	8.0700e-003	0.0120	0.1249	3.4000e-004	0.0285	2.0000e-004	0.0287	7.5800e-003	1.8000e-004	7.7600e-003	0.0000	24.7318	24.7318	1.1700e-003	0.0000	24.7563
Total	**0.0148**	**0.0760**	**0.2120**	**5.1000e-004**	**0.0333**	**1.1600e-003**	**0.0345**	**8.9500e-003**	**1.0600e-003**	**0.0100**	**0.0000**	**39.7734**	**39.7734**	**1.2800e-003**	**0.0000**	**39.8002**

3.12 Architectural Coating 3 - Residential - 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					
Archit. Coating	1.5760					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0136	0.1116	0.1239	2.0000e-004		6.7700e-003	6.7700e-003		6.7000e-003	6.7000e-003	0.0000	17.1997	17.1997	3.2100e-003	0.0000	17.2672
Total	**1.5896**	**0.1116**	**0.1239**	**2.0000e-004**		**6.7700e-003**	**6.7700e-003**		**6.7000e-003**	**6.7000e-003**	**0.0000**	**17.1997**	**17.1997**	**3.2100e-003**	**0.0000**	**17.2672**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7300e-003	0.0350	0.0496	1.0000e-004	2.8600e-003	5.4000e-004	3.4000e-003	8.2000e-004	5.0000e-004	1.3100e-003	0.0000	8.8148	8.8148	6.0000e-005	0.0000	8.8162
Worker	4.3800e-003	6.5000e-003	0.0680	2.0000e-004	0.0170	1.2000e-004	0.0171	4.5200e-003	1.1000e-004	4.6300e-003	0.0000	14.1911	14.1911	6.5000e-004	0.0000	14.2047
Total	**8.1100e-003**	**0.0415**	**0.1176**	**3.0000e-004**	**0.0199**	**6.6000e-004**	**0.0205**	**5.3400e-003**	**6.1000e-004**	**5.9400e-003**	**0.0000**	**23.0059**	**23.0059**	**7.1000e-004**	**0.0000**	**23.0209**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.5760					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.0800e-003	0.0861	0.1318	2.0000e-004		1.9900e-003	1.9900e-003		1.9900e-003	1.9900e-003	0.0000	17.1997	17.1997	3.2100e-003	0.0000	17.2672
Total	**1.5801**	**0.0861**	**0.1318**	**2.0000e-004**		**1.9900e-003**	**1.9900e-003**		**1.9900e-003**	**1.9900e-003**	**0.0000**	**17.1997**	**17.1997**	**3.2100e-003**	**0.0000**	**17.2672**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7300e-003	0.0350	0.0496	1.0000e-004	2.8600e-003	5.4000e-004	3.4000e-003	8.2000e-004	5.0000e-004	1.3100e-003	0.0000	8.8148	8.8148	6.0000e-005	0.0000	8.8162
Worker	4.3800e-003	6.5000e-003	0.0680	2.0000e-004	0.0170	1.2000e-004	0.0171	4.5200e-003	1.1000e-004	4.6300e-003	0.0000	14.1911	14.1911	6.5000e-004	0.0000	14.2047
Total	**8.1100e-003**	**0.0415**	**0.1176**	**3.0000e-004**	**0.0199**	**6.6000e-004**	**0.0205**	**5.3400e-003**	**6.1000e-004**	**5.9400e-003**	**0.0000**	**23.0059**	**23.0059**	**7.1000e-004**	**0.0000**	**23.0209**

3.13 Grading - Export 2 - 2017

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					1.1900e-003	0.0000	1.1900e-003	1.8000e-004	0.0000	1.8000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**1.1900e-003**	**0.0000**	**1.1900e-003**	**1.8000e-004**	**0.0000**	**1.8000e-004**	**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	tons/yr										MT/yr					
Hauling	0.0236	0.3491	0.2807	9.6000e-004	0.0225	4.9800e-003	0.0275	6.1800e-003	4.5800e-003	0.0108	0.0000	86.7594	86.7594	6.2000e-004	0.0000	86.7724
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	**0.0236**	**0.3491**	**0.2807**	**9.6000e-004**	**0.0225**	**4.9800e-003**	**0.0275**	**6.1800e-003**	**4.5800e-003**	**0.0108**	**0.0000**	**86.7594**	**86.7594**	**6.2000e-004**	**0.0000**	**86.7724**

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					4.6000e-004	0.0000	4.6000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**7.0000e-005**	**0.0000**	**7.0000e-005**	**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	tons/yr										MT/yr					
Hauling	0.0236	0.3491	0.2807	9.6000e-004	0.0225	4.9800e-003	0.0275	6.1800e-003	4.5800e-003	0.0108	0.0000	86.7594	86.7594	6.2000e-004	0.0000	86.7724
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	**0.0236**	**0.3491**	**0.2807**	**9.6000e-004**	**0.0225**	**4.9800e-003**	**0.0275**	**6.1800e-003**	**4.5800e-003**	**0.0108**	**0.0000**	**86.7594**	**86.7594**	**6.2000e-004**	**0.0000**	**86.7724**

3.14 Building Construction 4 - Parking - 2017

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	0.0942	0.7545	0.6139	9.3000e-004		0.0547	0.0547		0.0524	0.0524	0.0000	81.7737	81.7737	0.0145	0.0000	82.0776
Total	**0.0942**	**0.7545**	**0.6139**	**9.3000e-004**		**0.0547**	**0.0547**		**0.0524**	**0.0524**	**0.0000**	**81.7737**	**81.7737**	**0.0145**	**0.0000**	**82.0776**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.4700e-003	0.0427	0.0580	1.1000e-004	3.2000e-003	6.4000e-004	3.8400e-003	9.1000e-004	5.9000e-004	1.5000e-003	0.0000	10.0278	10.0278	7.0000e-005	0.0000	10.0293
Worker	0.0404	0.0597	0.6244	1.6900e-003	0.1427	9.9000e-004	0.1437	0.0379	9.2000e-004	0.0388	0.0000	123.6587	123.6587	5.8400e-003	0.0000	123.7814
Total	**0.0448**	**0.1024**	**0.6825**	**1.8000e-003**	**0.1459**	**1.6300e-003**	**0.1476**	**0.0388**	**1.5100e-003**	**0.0403**	**0.0000**	**133.6865**	**133.6865**	**5.9100e-003**	**0.0000**	**133.8106**

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	0.0186	0.3792	0.6218	9.3000e-004		3.2000e-003	3.2000e-003		3.2000e-003	3.2000e-003	0.0000	81.7736	81.7736	0.0145	0.0000	82.0775
Total	**0.0186**	**0.3792**	**0.6218**	**9.3000e-004**		**3.2000e-003**	**3.2000e-003**		**3.2000e-003**	**3.2000e-003**	**0.0000**	**81.7736**	**81.7736**	**0.0145**	**0.0000**	**82.0775**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.4700e-003	0.0427	0.0580	1.1000e-004	3.2000e-003	6.4000e-004	3.8400e-003	9.1000e-004	5.9000e-004	1.5000e-003	0.0000	10.0278	10.0278	7.0000e-005	0.0000	10.0293
Worker	0.0404	0.0597	0.6244	1.6900e-003	0.1427	9.9000e-004	0.1437	0.0379	9.2000e-004	0.0388	0.0000	123.6587	123.6587	5.8400e-003	0.0000	123.7814
Total	**0.0448**	**0.1024**	**0.6825**	**1.8000e-003**	**0.1459**	**1.6300e-003**	**0.1476**	**0.0388**	**1.5100e-003**	**0.0403**	**0.0000**	**133.6865**	**133.6865**	**5.9100e-003**	**0.0000**	**133.8106**

3.14 Building Construction 4 - Parking - 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					
Off-Road	0.0283	0.2338	0.2090	3.2000e-004		0.0161	0.0161		0.0154	0.0154	0.0000	28.1223	28.1223	4.8400e-003	0.0000	28.2239
Total	**0.0283**	**0.2338**	**0.2090**	**3.2000e-004**		**0.0161**	**0.0161**		**0.0154**	**0.0154**	**0.0000**	**28.1223**	**28.1223**	**4.8400e-003**	**0.0000**	**28.2239**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4500e-003	0.0136	0.0192	4.0000e-005	1.1100e-003	2.1000e-004	1.3200e-003	3.2000e-004	1.9000e-004	5.1000e-004	0.0000	3.4122	3.4122	2.0000e-005	0.0000	3.4127
Worker	0.0127	0.0189	0.1975	5.9000e-004	0.0494	3.4000e-004	0.0497	0.0131	3.1000e-004	0.0134	0.0000	41.1999	41.1999	1.8900e-003	0.0000	41.2396
Total	**0.0142**	**0.0324**	**0.2167**	**6.3000e-004**	**0.0505**	**5.5000e-004**	**0.0511**	**0.0134**	**5.0000e-004**	**0.0139**	**0.0000**	**44.6121**	**44.6121**	**1.9100e-003**	**0.0000**	**44.6523**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.4300e-003	0.1313	0.2152	3.2000e-004		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003	0.0000	28.1223	28.1223	4.8400e-003	0.0000	28.2239
Total	**6.4300e-003**	**0.1313**	**0.2152**	**3.2000e-004**		**1.1100e-003**	**1.1100e-003**		**1.1100e-003**	**1.1100e-003**	**0.0000**	**28.1223**	**28.1223**	**4.8400e-003**	**0.0000**	**28.2239**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4500e-003	0.0136	0.0192	4.0000e-005	1.1100e-003	2.1000e-004	1.3200e-003	3.2000e-004	1.9000e-004	5.1000e-004	0.0000	3.4122	3.4122	2.0000e-005	0.0000	3.4127
Worker	0.0127	0.0189	0.1975	5.9000e-004	0.0494	3.4000e-004	0.0497	0.0131	3.1000e-004	0.0134	0.0000	41.1999	41.1999	1.8900e-003	0.0000	41.2396
Total	**0.0142**	**0.0324**	**0.2167**	**6.3000e-004**	**0.0505**	**5.5000e-004**	**0.0511**	**0.0134**	**5.0000e-004**	**0.0139**	**0.0000**	**44.6121**	**44.6121**	**1.9100e-003**	**0.0000**	**44.6523**

3.15 Demolition 2 - 2017

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					0.1001	0.0000	0.1001	0.0152	0.0000	0.0152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0423	0.4688	0.2892	5.2000e-004		0.0237	0.0237		0.0222	0.0222	0.0000	47.5255	47.5255	0.0133	0.0000	47.8055
Total	**0.0423**	**0.4688**	**0.2892**	**5.2000e-004**	**0.1001**	**0.0237**	**0.1238**	**0.0152**	**0.0222**	**0.0373**	**0.0000**	**47.5255**	**47.5255**	**0.0133**	**0.0000**	**47.8055**

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	8.3200e-003	0.1231	0.0990	3.4000e-004	7.9400e-003	1.7600e-003	9.7000e-003	2.1800e-003	1.6200e-003	3.7900e-003	0.0000	30.5938	30.5938	2.2000e-004	0.0000	30.5984
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	6.6200e-003	0.0692	1.9000e-004	0.0158	1.1000e-004	0.0159	4.2000e-003	1.0000e-004	4.3000e-003	0.0000	13.6976	13.6976	6.5000e-004	0.0000	13.7112
Total	**0.0128**	**0.1297**	**0.1681**	**5.3000e-004**	**0.0238**	**1.8700e-003**	**0.0256**	**6.3800e-003**	**1.7200e-003**	**8.0900e-003**	**0.0000**	**44.2914**	**44.2914**	**8.7000e-004**	**0.0000**	**44.3095**

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					0.0390	0.0000	0.0390	5.9100e-003	0.0000	5.9100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.0400e-003	0.1963	0.3402	5.2000e-004		2.0900e-003	2.0900e-003		2.0900e-003	2.0900e-003	0.0000	47.5255	47.5255	0.0133	0.0000	47.8054
Total	**9.0400e-003**	**0.1963**	**0.3402**	**5.2000e-004**	**0.0390**	**2.0900e-003**	**0.0411**	**5.9100e-003**	**2.0900e-003**	**8.0000e-003**	**0.0000**	**47.5255**	**47.5255**	**0.0133**	**0.0000**	**47.8054**

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	8.3200e-003	0.1231	0.0990	3.4000e-004	7.9400e-003	1.7600e-003	9.7000e-003	2.1800e-003	1.6200e-003	3.7900e-003	0.0000	30.5938	30.5938	2.2000e-004	0.0000	30.5984
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	6.6200e-003	0.0692	1.9000e-004	0.0158	1.1000e-004	0.0159	4.2000e-003	1.0000e-004	4.3000e-003	0.0000	13.6976	13.6976	6.5000e-004	0.0000	13.7112
Total	**0.0128**	**0.1297**	**0.1681**	**5.3000e-004**	**0.0238**	**1.8700e-003**	**0.0256**	**6.3800e-003**	**1.7200e-003**	**8.0900e-003**	**0.0000**	**44.2914**	**44.2914**	**8.7000e-004**	**0.0000**	**44.3095**

3.16 Grading - Export 3 - 2017

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					1.1900e-003	0.0000	1.1900e-003	1.8000e-004	0.0000	1.8000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**1.1900e-003**	**0.0000**	**1.1900e-003**	**1.8000e-004**	**0.0000**	**1.8000e-004**	**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	tons/yr										MT/yr					
Hauling	0.0236	0.3491	0.2807	9.6000e-004	0.0225	4.9800e-003	0.0275	6.1800e-003	4.5800e-003	0.0108	0.0000	86.7594	86.7594	6.2000e-004	0.0000	86.7724
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	**0.0236**	**0.3491**	**0.2807**	**9.6000e-004**	**0.0225**	**4.9800e-003**	**0.0275**	**6.1800e-003**	**4.5800e-003**	**0.0108**	**0.0000**	**86.7594**	**86.7594**	**6.2000e-004**	**0.0000**	**86.7724**

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					4.6000e-004	0.0000	4.6000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**7.0000e-005**	**0.0000**	**7.0000e-005**	**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	tons/yr										MT/yr					
Hauling	0.0236	0.3491	0.2807	9.6000e-004	0.0225	4.9800e-003	0.0275	6.1800e-003	4.5800e-003	0.0108	0.0000	86.7594	86.7594	6.2000e-004	0.0000	86.7724
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	**0.0236**	**0.3491**	**0.2807**	**9.6000e-004**	**0.0225**	**4.9800e-003**	**0.0275**	**6.1800e-003**	**4.5800e-003**	**0.0108**	**0.0000**	**86.7594**	**86.7594**	**6.2000e-004**	**0.0000**	**86.7724**

3.17 Paving - 2017

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	8.1100e-003	0.0877	0.0650	1.0000e-004		4.7900e-003	4.7900e-003		4.4100e-003	4.4100e-003	0.0000	9.2330	9.2330	2.8300e-003	0.0000	9.2924
Paving	0.0195					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0276**	**0.0877**	**0.0650**	**1.0000e-004**		**4.7900e-003**	**4.7900e-003**		**4.4100e-003**	**4.4100e-003**	**0.0000**	**9.2330**	**9.2330**	**2.8300e-003**	**0.0000**	**9.2924**

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	9.0300e-003	0.0862	0.1172	2.3000e-004	6.4700e-003	1.2900e-003	7.7600e-003	1.8500e-003	1.1900e-003	3.0300e-003	0.0000	20.2484	20.2484	1.4000e-004	0.0000	20.2514
Worker	3.2600e-003	4.8300e-003	0.0504	1.4000e-004	0.0115	8.0000e-005	0.0116	3.0600e-003	7.0000e-005	3.1400e-003	0.0000	9.9878	9.9878	4.7000e-004	0.0000	9.9977
Total	**0.0123**	**0.0910**	**0.1676**	**3.7000e-004**	**0.0180**	**1.3700e-003**	**0.0194**	**4.9100e-003**	**1.2600e-003**	**6.1700e-003**	**0.0000**	**30.2362**	**30.2362**	**6.1000e-004**	**0.0000**	**30.2492**

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	1.4000e-003	0.0439	0.0756	1.0000e-004		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	9.2330	9.2330	2.8300e-003	0.0000	9.2924
Paving	0.0195					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0209**	**0.0439**	**0.0756**	**1.0000e-004**		**1.6000e-004**	**1.6000e-004**		**1.6000e-004**	**1.6000e-004**	**0.0000**	**9.2330**	**9.2330**	**2.8300e-003**	**0.0000**	**9.2924**

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	9.0300e-003	0.0862	0.1172	2.3000e-004	6.4700e-003	1.2900e-003	7.7600e-003	1.8500e-003	1.1900e-003	3.0300e-003	0.0000	20.2484	20.2484	1.4000e-004	0.0000	20.2514
Worker	3.2600e-003	4.8300e-003	0.0504	1.4000e-004	0.0115	8.0000e-005	0.0116	3.0600e-003	7.0000e-005	3.1400e-003	0.0000	9.9878	9.9878	4.7000e-004	0.0000	9.9977
Total	**0.0123**	**0.0910**	**0.1676**	**3.7000e-004**	**0.0180**	**1.3700e-003**	**0.0194**	**4.9100e-003**	**1.2600e-003**	**6.1700e-003**	**0.0000**	**30.2362**	**30.2362**	**6.1000e-004**	**0.0000**	**30.2492**

3.17 Paving - 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					
Off-Road	5.8500e-003	0.0630	0.0548	9.0000e-005		3.3600e-003	3.3600e-003		3.0900e-003	3.0900e-003	0.0000	7.7892	7.7892	2.4200e-003	0.0000	7.8402
Paving	0.0167					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0225**	**0.0630**	**0.0548**	**9.0000e-005**		**3.3600e-003**	**3.3600e-003**		**3.0900e-003**	**3.0900e-003**	**0.0000**	**7.7892**	**7.7892**	**2.4200e-003**	**0.0000**	**7.8402**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.2300e-003	0.0678	0.0959	1.9000e-004	5.5400e-003	1.0400e-003	6.5800e-003	1.5800e-003	9.6000e-004	2.5400e-003	0.0000	17.0610	17.0610	1.2000e-004	0.0000	17.0636
Worker	2.5400e-003	3.7700e-003	0.0395	1.2000e-004	9.8800e-003	7.0000e-005	9.9500e-003	2.6200e-003	6.0000e-005	2.6900e-003	0.0000	8.2400	8.2400	3.8000e-004	0.0000	8.2479
Total	**9.7700e-003**	**0.0716**	**0.1354**	**3.1000e-004**	**0.0154**	**1.1100e-003**	**0.0165**	**4.2000e-003**	**1.0200e-003**	**5.2300e-003**	**0.0000**	**25.3010**	**25.3010**	**5.0000e-004**	**0.0000**	**25.3115**

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	1.2000e-003	0.0376	0.0648	9.0000e-005		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	7.7892	7.7892	2.4200e-003	0.0000	7.8401
Paving	0.0167					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0179**	**0.0376**	**0.0648**	**9.0000e-005**		**1.4000e-004**	**1.4000e-004**		**1.4000e-004**	**1.4000e-004**	**0.0000**	**7.7892**	**7.7892**	**2.4200e-003**	**0.0000**	**7.8401**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.2300e-003	0.0678	0.0959	1.9000e-004	5.5400e-003	1.0400e-003	6.5800e-003	1.5800e-003	9.6000e-004	2.5400e-003	0.0000	17.0610	17.0610	1.2000e-004	0.0000	17.0636
Worker	2.5400e-003	3.7700e-003	0.0395	1.2000e-004	9.8800e-003	7.0000e-005	9.9500e-003	2.6200e-003	6.0000e-005	2.6900e-003	0.0000	8.2400	8.2400	3.8000e-004	0.0000	8.2479
Total	**9.7700e-003**	**0.0716**	**0.1354**	**3.1000e-004**	**0.0154**	**1.1100e-003**	**0.0165**	**4.2000e-003**	**1.0200e-003**	**5.2300e-003**	**0.0000**	**25.3010**	**25.3010**	**5.0000e-004**	**0.0000**	**25.3115**

3.18 Architectural Coating 4 - Parking - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0659					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.2900e-003	9.7500e-003	9.3700e-003	1.0000e-005		6.8000e-004	6.8000e-004		6.7000e-004	6.7000e-004	0.0000	1.2959	1.2959	2.2000e-004	0.0000	1.3005
Total	**0.0672**	**9.7500e-003**	**9.3700e-003**	**1.0000e-005**		**6.8000e-004**	**6.8000e-004**		**6.7000e-004**	**6.7000e-004**	**0.0000**	**1.2959**	**1.2959**	**2.2000e-004**	**0.0000**	**1.3005**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8000e-004	1.7200e-003	2.3400e-003	0.0000	1.3000e-004	3.0000e-005	1.6000e-004	4.0000e-005	2.0000e-005	6.0000e-005	0.0000	0.4050	0.4050	0.0000	0.0000	0.4050
Worker	6.5000e-004	9.7000e-004	0.0101	3.0000e-005	2.3100e-003	2.0000e-005	2.3200e-003	6.1000e-004	1.0000e-005	6.3000e-004	0.0000	1.9976	1.9976	9.0000e-005	0.0000	1.9996
Total	**8.3000e-004**	**2.6900e-003**	**0.0124**	**3.0000e-005**	**2.4400e-003**	**5.0000e-005**	**2.4800e-003**	**6.5000e-004**	**3.0000e-005**	**6.9000e-004**	**0.0000**	**2.4025**	**2.4025**	**9.0000e-005**	**0.0000**	**2.4046**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0659					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.0000e-004	6.1500e-003	9.7100e-003	1.0000e-005		1.1000e-004	1.1000e-004		1.1000e-004	1.1000e-004	0.0000	1.2959	1.2959	2.2000e-004	0.0000	1.3005
Total	**0.0662**	**6.1500e-003**	**9.7100e-003**	**1.0000e-005**		**1.1000e-004**	**1.1000e-004**		**1.1000e-004**	**1.1000e-004**	**0.0000**	**1.2959**	**1.2959**	**2.2000e-004**	**0.0000**	**1.3005**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8000e-004	1.7200e-003	2.3400e-003	0.0000	1.3000e-004	3.0000e-005	1.6000e-004	4.0000e-005	2.0000e-005	6.0000e-005	0.0000	0.4050	0.4050	0.0000	0.0000	0.4050
Worker	6.5000e-004	9.7000e-004	0.0101	3.0000e-005	2.3100e-003	2.0000e-005	2.3200e-003	6.1000e-004	1.0000e-005	6.3000e-004	0.0000	1.9976	1.9976	9.0000e-005	0.0000	1.9996
Total	**8.3000e-004**	**2.6900e-003**	**0.0124**	**3.0000e-005**	**2.4400e-003**	**5.0000e-005**	**2.4800e-003**	**6.5000e-004**	**3.0000e-005**	**6.9000e-004**	**0.0000**	**2.4025**	**2.4025**	**9.0000e-005**	**0.0000**	**2.4046**

3.18 Architectural Coating 4 - Parking - 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					
Archit. Coating	0.2825					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.9400e-003	0.0380	0.0399	6.0000e-005		2.4800e-003	2.4800e-003		2.4600e-003	2.4600e-003	0.0000	5.5267	5.5267	8.9000e-004	0.0000	5.5455
Total	**0.2874**	**0.0380**	**0.0399**	**6.0000e-005**		**2.4800e-003**	**2.4800e-003**		**2.4600e-003**	**2.4600e-003**	**0.0000**	**5.5267**	**5.5267**	**8.9000e-004**	**0.0000**	**5.5455**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.2000e-004	6.7800e-003	9.5900e-003	2.0000e-005	5.5000e-004	1.0000e-004	6.6000e-004	1.6000e-004	1.0000e-004	2.5000e-004	0.0000	1.7061	1.7061	1.0000e-005	0.0000	1.7064
Worker	2.5400e-003	3.7700e-003	0.0395	1.2000e-004	9.8800e-003	7.0000e-005	9.9500e-003	2.6200e-003	6.0000e-005	2.6900e-003	0.0000	8.2400	8.2400	3.8000e-004	0.0000	8.2479
Total	**3.2600e-003**	**0.0106**	**0.0491**	**1.4000e-004**	**0.0104**	**1.7000e-004**	**0.0106**	**2.7800e-003**	**1.6000e-004**	**2.9400e-003**	**0.0000**	**9.9461**	**9.9461**	**3.9000e-004**	**0.0000**	**9.9543**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2825					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.2700e-003	0.0264	0.0416	6.0000e-005		4.9000e-004	4.9000e-004		4.9000e-004	4.9000e-004	0.0000	5.5267	5.5267	8.9000e-004	0.0000	5.5455
Total	**0.2837**	**0.0264**	**0.0416**	**6.0000e-005**		**4.9000e-004**	**4.9000e-004**		**4.9000e-004**	**4.9000e-004**	**0.0000**	**5.5267**	**5.5267**	**8.9000e-004**	**0.0000**	**5.5455**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.2000e-004	6.7800e-003	9.5900e-003	2.0000e-005	5.5000e-004	1.0000e-004	6.6000e-004	1.6000e-004	1.0000e-004	2.5000e-004	0.0000	1.7061	1.7061	1.0000e-005	0.0000	1.7064
Worker	2.5400e-003	3.7700e-003	0.0395	1.2000e-004	9.8800e-003	7.0000e-005	9.9500e-003	2.6200e-003	6.0000e-005	2.6900e-003	0.0000	8.2400	8.2400	3.8000e-004	0.0000	8.2479
Total	**3.2600e-003**	**0.0106**	**0.0491**	**1.4000e-004**	**0.0104**	**1.7000e-004**	**0.0106**	**2.7800e-003**	**1.6000e-004**	**2.9400e-003**	**0.0000**	**9.9461**	**9.9461**	**3.9000e-004**	**0.0000**	**9.9543**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Increase Diversity

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	16.5278	30.4749	145.7376	0.3546	25.2953	0.4013	25.6967	6.7591	0.3700	7.1291	0.0000	26,215.9817	26,215.9817	1.0326	0.0000	26,237.6654
Unmitigated	17.5233	37.5458	173.5516	0.4578	33.0151	0.5083	33.5234	8.8218	0.4687	9.2905	0.0000	33,850.2627	33,850.2627	1.3039	0.0000	33,877.6436

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	6,570.20	6,313.32	6313.32	22,200,572	17,009,536
Health Club	1,201.80	1,567.51	1567.51	2,839,973	2,175,918
High Turnover (Sit Down Restaurant)	3,992.30	5,207.18	5207.18	8,751,520	6,705,200
Medical Office Building	1,658.01	411.17	411.17	3,376,603	2,587,070
Movie Theater (No Matinee)	3,268.83	4,263.55	4263.55	6,719,725	5,148,489
Parking Lot	0.00	0.00	0.00		
Regional Shopping Center	18,507.07	24,138.86	24138.86	43,508,104	33,334,846
Unenclosed Parking with Elevator	0.00	0.00	0.00		
Total	35,198.21	41,901.59	41,901.59	87,396,497	66,961,060

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
Apartments Low Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Health Club	16.60	8.40	6.90	16.90	64.10	19.00	54	35	11
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	54	35	11
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	60	30	10
Movie Theater (No Matinee)	16.60	8.40	6.90	1.80	79.20	19.00	54	35	11
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11
Unenclosed Parking with	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.510011	0.056836	0.192178	0.151564	0.041643	0.005905	0.015642	0.015146	0.001440	0.002149	0.004721	0.000504	0.002262

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive 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	6,422.6423	6,422.6423	0.2952	0.0611	6,447.7774
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	6,733.5591	6,733.5591	0.3095	0.0640	6,759.9110
NaturalGas Mitigated	0.2440	2.1920	1.6736	0.0133		0.1686	0.1686		0.1686	0.1686	0.0000	2,414.3824	2,414.3824	0.0463	0.0443	2,429.0759
NaturalGas Unmitigated	0.2745	2.4636	1.8616	0.0150		0.1897	0.1897		0.1897	0.1897	0.0000	2,716.7672	2,716.7672	0.0521	0.0498	2,733.3010

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	1.08842e+007	0.0587	0.5015	0.2134	3.2000e-003		0.0406	0.0406		0.0406	0.0406	0.0000	580.8204	580.8204	0.0111	0.0107	584.3552
Health Club	867807	4.6800e-003	0.0425	0.0357	2.6000e-004		3.2300e-003	3.2300e-003		3.2300e-003	3.2300e-003	0.0000	46.3095	46.3095	8.9000e-004	8.5000e-004	46.5913
High Turnover (Sit Down Restaurant)	3.5092e+007	0.1892	1.7202	1.4450	0.0103		0.1307	0.1307		0.1307	0.1307	0.0000	1,872.6447	1,872.6447	0.0359	0.0343	1,884.0414
Medical Office Building	440085	2.3700e-003	0.0216	0.0181	1.3000e-004		1.6400e-003	1.6400e-003		1.6400e-003	1.6400e-003	0.0000	23.4846	23.4846	4.5000e-004	4.3000e-004	23.6275
Movie Theater (No Matinee)	2.36027e+006	0.0127	0.1157	0.0972	6.9000e-004		8.7900e-003	8.7900e-003		8.7900e-003	8.7900e-003	0.0000	125.9533	125.9533	2.4100e-003	2.3100e-003	126.7198
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	1.26593e+006	6.8300e-003	0.0621	0.0521	3.7000e-004		4.7200e-003	4.7200e-003		4.7200e-003	4.7200e-003	0.0000	67.5547	67.5547	1.2900e-003	1.2400e-003	67.9658
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.2745**	**2.4636**	**1.8616**	**0.0150**		**0.1897**	**0.1897**		**0.1897**	**0.1897**	**0.0000**	**2,716.7672**	**2,716.7672**	**0.0521**	**0.0498**	**2,733.3010**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	8.78013e+006	0.0473	0.4046	0.1722	2.5800e-003		0.0327	0.0327		0.0327	0.0327	0.0000	468.5411	468.5411	8.9800e-003	8.5900e-003	471.3926
Health Club	719630	3.8800e-003	0.0353	0.0296	2.1000e-004		2.6800e-003	2.6800e-003		2.6800e-003	2.6800e-003	0.0000	38.4022	38.4022	7.4000e-004	7.0000e-004	38.6359
High Turnover (Sit Down Restaurant)	3.23389e+007	0.1744	1.5852	1.3316	9.5100e-003		0.1205	0.1205		0.1205	0.1205	0.0000	1,725.7257	1,725.7257	0.0331	0.0316	1,736.2282
Medical Office Building	336374	1.8100e-003	0.0165	0.0139	1.0000e-004		1.2500e-003	1.2500e-003		1.2500e-003	1.2500e-003	0.0000	17.9502	17.9502	3.4000e-004	3.3000e-004	18.0594
Movie Theater (No Matinee)	1.95726e+006	0.0106	0.0959	0.0806	5.8000e-004		7.2900e-003	7.2900e-003		7.2900e-003	7.2900e-003	0.0000	104.4469	104.4469	2.0000e-003	1.9100e-003	105.0826
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	1.11155e+006	5.9900e-003	0.0545	0.0458	3.3000e-004		4.1400e-003	4.1400e-003		4.1400e-003	4.1400e-003	0.0000	59.3163	59.3163	1.1400e-003	1.0900e-003	59.6773
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.2440**	**2.1920**	**1.6736**	**0.0133**		**0.1686**	**0.1686**		**0.1686**	**0.1686**	**0.0000**	**2,414.3824**	**2,414.3824**	**0.0463**	**0.0443**	**2,429.0759**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	3.5577e+006	1,018.0957	0.0468	9.6800e-003	1,022.0800
Health Club	370542	106.0370	4.8700e-003	1.0100e-003	106.4520
High Turnover (Sit Down Restaurant)	5.23923e+006	1,499.2936	0.0689	0.0143	1,505.1611
Medical Office Building	716802	205.1249	9.4300e-003	1.9500e-003	205.9277
Movie Theater (No Matinee)	1.00781e+006	288.4009	0.0133	2.7400e-003	289.5296
Parking Lot	1.05737e+006	302.5851	0.0139	2.8800e-003	303.7693
Regional Shopping Center	7.90432e+006	2,261.9547	0.1040	0.0215	2,270.8069
Unenclosed Parking with Elevator	3.67641e+006	1,052.0672	0.0484	0.0100	1,056.1845
Total		**6,733.5591**	**0.3095**	**0.0640**	**6,759.9110**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	3.51853e+006	1,006.8882	0.0463	9.5800e-003	1,010.8286
Health Club	350592	100.3278	4.6100e-003	9.5000e-004	100.7204
High Turnover (Sit Down Restaurant)	4.88488e+006	1,397.8921	0.0643	0.0133	1,403.3628
Medical Office Building	650720	186.2146	8.5600e-003	1.7700e-003	186.9433
Movie Theater (No Matinee)	953544	272.8729	0.0125	2.6000e-003	273.9408
Parking Lot	1.05737e+006	302.5851	0.0139	2.8800e-003	303.7693
Regional Shopping Center	7.35164e+006	2,103.7946	0.0967	0.0200	2,112.0278
Unenclosed Parking with Elevator	3.67641e+006	1,052.0672	0.0484	0.0100	1,056.1845
Total		**6,422.6423**	**0.2952**	**0.0611**	**6,447.7774**

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	19.7230	0.1195	10.3056	5.4000e-004		0.0562	0.0562		0.0562	0.0562	0.0000	16.7291	16.7291	0.0167	0.0000	17.0804
Unmitigated	19.7230	0.1195	10.3056	5.4000e-004		0.0562	0.0562		0.0562	0.0562	0.0000	16.7291	16.7291	0.0167	0.0000	17.0804

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	2.2345					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	17.1679					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.3206	0.1195	10.3056	5.4000e-004		0.0562	0.0562		0.0562	0.0562	0.0000	16.7291	16.7291	0.0167	0.0000	17.0804
Total	**19.7230**	**0.1195**	**10.3056**	**5.4000e-004**		**0.0562**	**0.0562**		**0.0562**	**0.0562**	**0.0000**	**16.7291**	**16.7291**	**0.0167**	**0.0000**	**17.0804**

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	2.2345					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	17.1679					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.3206	0.1195	10.3056	5.4000e-004		0.0562	0.0562		0.0562	0.0562	0.0000	16.7291	16.7291	0.0167	0.0000	17.0804
Total	**19.7230**	**0.1195**	**10.3056**	**5.4000e-004**		**0.0562**	**0.0562**		**0.0562**	**0.0562**	**0.0000**	**16.7291**	**16.7291**	**0.0167**	**0.0000**	**17.0804**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

Use Water Efficient Irrigation System

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	880.8877	0.2351	0.1325	926.8887
Unmitigated	1,069.4730	0.2924	0.1653	1,126.8504

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	64.3722 / 40.5825	391.6616	0.0954	0.0530	410.1052
Health Club	2.37164 / 1.45359	14.2977	3.5100e-003	1.9500e-003	14.9766
High Turnover (Sit Down Restaurant)	40.4337 / 2.58088	173.1742	0.0565	0.0326	184.4740
Medical Office Building	5.7583 / 1.09682	26.9809	8.1600e-003	4.6700e-003	28.5992
Movie Theater (No Matinee)	43.8027 / 2.79592	187.6031	0.0613	0.0353	199.8444
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	45.7413 / 28.035	275.7554	0.0676	0.0377	288.8510
Unenclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**1,069.4730**	**0.2924**	**0.1653**	**1,126.8504**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	51.4977 / 40.5825	331.7068	0.0771	0.0426	346.5335
Health Club	1.89731 / 1.45359	12.0888	2.8400e-003	1.5700e-003	12.6345
High Turnover (Sit Down Restaurant)	32.347 / 2.58088	135.5151	0.0451	0.0261	144.5431
Medical Office Building	4.60664 / 1.09682	21.6177	6.5300e-003	3.7300e-003	22.9125
Movie Theater (No Matinee)	35.0421 / 2.79592	146.8063	0.0489	0.0282	156.5865
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	36.593 / 28.035	233.1530	0.0547	0.0303	243.6786
Unenclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**880.8877**	**0.2351**	**0.1325**	**926.8887**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	204.7144	12.0983	0.0000	458.7781
Unmitigated	818.8574	48.3931	0.0000	1,835.1123

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	454.48	92.2553	5.4521	0.0000	206.7502
Health Club	228.57	46.3976	2.7420	0.0000	103.9801
High Turnover (Sit Down Restaurant)	1585.2	321.7813	19.0167	0.0000	721.1326
Medical Office Building	495.61	100.6044	5.9456	0.0000	225.4608
Movie Theater (No Matinee)	621.7	126.1995	7.4582	0.0000	282.8212
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	648.4	131.6193	7.7785	0.0000	294.9674
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Total		**818.8574**	**48.3931**	**0.0000**	**1,835.1123**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	113.62	23.0638	1.3630	0.0000	51.6875
Health Club	57.1425	11.5994	0.6855	0.0000	25.9950
High Turnover (Sit Down Restaurant)	396.3	80.4453	4.7542	0.0000	180.2831
Medical Office Building	123.903	25.1511	1.4864	0.0000	56.3652
Movie Theater (No Matinee)	155.425	31.5499	1.8645	0.0000	70.7053
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	162.1	32.9048	1.9446	0.0000	73.7419
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Total		**204.7144**	**12.0983**	**0.0000**	**458.7781**

9.0 Operational Offroad

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

10.0 Vegetation

Five Lagunas - Existing

Orange County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	2,076.99	1000sqft	47.68	2,076,993.00	0
High Turnover (Sit Down Restaurant)	83.40	1000sqft	1.91	83,398.00	0
Movie Theater (No Matinee)	13.17	1000sqft	0.30	13,166.00	0
Regional Shopping Center	875.06	1000sqft	17.88	875,063.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	30
Climate Zone	8			**Operational Year**	2018
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Project Characteristics - See Section 1.0 Project Characteristics

Land Use - Land Use - See Section 1.1 Land Usage. Based on information provided by the applicant.

Construction Phase - Modified

Off-road Equipment - No construction.

Trips and VMT - No construction

Vehicle Trips - Based on Project Trip Generation Table prepared by LLG.

Woodstoves - No residential land uses (no woodstoves, no fireplaces).

Consumer Products - Default CalEEMod values.

Area Coating - 1,457,441 SF int non-res; 610,433 SF ext non-res.

Energy Use - Assumed historical data (CalEEMod default historical data).

Water And Wastewater - Default CalEEMod factors. 100% aerobic.

Solid Waste - Default CalEEMod values.

Construction Off-road Equipment Mitigation -

Area Mitigation - None.

Energy Mitigation - None.

Water Mitigation - None.

Waste Mitigation - 50% diversion rate per Assembly Bill 939.

Landscape Equipment - Default CalEEMod factors.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_Nonresidential_Interior	1550905	1457441
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	100	250
tblConstructionPhase	NumDays	1,110.00	1.00
tblLandUse	LandUseSquareFeet	2,076,990.00	2,076,993.00
tblLandUse	LandUseSquareFeet	83,400.00	83,398.00
tblLandUse	LandUseSquareFeet	13,170.00	13,166.00
tblLandUse	LandUseSquareFeet	875,060.00	875,063.00
tblLandUse	LotAcreage	20.09	17.88
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	OperationalYear	2014	2018
tblTripsAndVMT	VendorTripNumber	500.00	0.00
tblTripsAndVMT	WorkerTripNumber	1,193.00	0.00

tblVehicleTrips	DV_TP	20.00	35.00
tblVehicleTrips	DV_TP	17.00	35.00
tblVehicleTrips	PB_TP	43.00	11.00
tblVehicleTrips	PB_TP	17.00	11.00
tblVehicleTrips	PR_TP	37.00	54.00
tblVehicleTrips	PR_TP	66.00	54.00
tblVehicleTrips	ST_TR	158.37	37.14
tblVehicleTrips	ST_TR	80.00	37.14
tblVehicleTrips	ST_TR	49.97	37.14
tblVehicleTrips	SU_TR	131.84	37.14
tblVehicleTrips	SU_TR	80.00	37.14
tblVehicleTrips	SU_TR	25.24	37.14
tblVehicleTrips	WD_TR	127.15	28.50
tblVehicleTrips	WD_TR	80.00	28.50
tblVehicleTrips	WD_TR	42.94	28.50
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	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	65.6762	2.9500e-003	0.3156	2.0000e-005		1.1400e-003	1.1400e-003		1.1400e-003	1.1400e-003		0.6672	0.6672	1.8300e-003		0.7057
Energy	0.7148	6.4982	5.4585	0.0390		0.4939	0.4939		0.4939	0.4939		7,797.8361	7,797.8361	0.1495	0.1430	7,845.2925
Mobile	97.6528	182.9313	870.8759	2.2112	163.6756	2.5101	166.1857	43.6723	2.3143	45.9866		180,296.8927	180,296.8927	7.0860		180,445.6982
Total	**164.0438**	**189.4324**	**876.6499**	**2.2502**	**163.6756**	**3.0051**	**166.6807**	**43.6723**	**2.8093**	**46.4816**		**188,095.3960**	**188,095.3960**	**7.2373**	**0.1430**	**188,291.6964**

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	65.6762	2.9500e-003	0.3156	2.0000e-005		1.1400e-003	1.1400e-003		1.1400e-003	1.1400e-003		0.6672	0.6672	1.8300e-003		0.7057
Energy	0.7148	6.4982	5.4585	0.0390		0.4939	0.4939		0.4939	0.4939		7,797.8361	7,797.8361	0.1495	0.1430	7,845.2925
Mobile	97.6528	182.9313	870.8759	2.2112	163.6756	2.5101	166.1857	43.6723	2.3143	45.9866		180,296.8927	180,296.8927	7.0860		180,445.6982
Total	**164.0438**	**189.4324**	**876.6499**	**2.2502**	**163.6756**	**3.0051**	**166.6807**	**43.6723**	**2.8093**	**46.4816**		**188,095.3960**	**188,095.3960**	**7.2373**	**0.1430**	**188,291.6964**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	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**

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	97.6528	182.9313	870.8759	2.2112	163.6756	2.5101	166.1857	43.6723	2.3143	45.9866		180,296.8927	180,296.8927	7.0860		180,445.6982
Unmitigated	97.6528	182.9313	870.8759	2.2112	163.6756	2.5101	166.1857	43.6723	2.3143	45.9866		180,296.8927	180,296.8927	7.0860		180,445.6982

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
High Turnover (Sit Down Restaurant)	2,376.90	3,097.48	3097.48	5,208,827	5,208,827
Movie Theater (No Matinee)	375.35	489.13	489.13	771,364	771,364
Parking Lot	0.00	0.00	0.00		
Regional Shopping Center	24,939.21	32,499.73	32499.73	58,611,683	58,611,683
Total	27,691.46	36,086.34	36,086.34	64,591,873	64,591,873

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	54	35	11
Movie Theater (No Matinee)	16.60	8.40	6.90	1.80	79.20	19.00	54	35	11
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.510011	0.056836	0.192178	0.151564	0.041643	0.005905	0.015642	0.015146	0.001440	0.002149	0.004721	0.000504	0.002262

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: Y

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	0.7148	6.4982	5.4585	0.0390		0.4939	0.4939		0.4939	0.4939		7,797.8361	7,797.8361	0.1495	0.1430	7,845.2925
NaturalGas Unmitigated	0.7148	6.4982	5.4585	0.0390		0.4939	0.4939		0.4939	0.4939		7,797.8361	7,797.8361	0.1495	0.1430	7,845.2925

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					
Movie Theater (No Matinee)	797.174	8.6000e-003	0.0782	0.0657	4.7000e-004		5.9400e-003	5.9400e-003		5.9400e-003	5.9400e-003		93.7852	93.7852	1.8000e-003	1.7200e-003	94.3560
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	5058.58	0.0546	0.4959	0.4166	2.9800e-003		0.0377	0.0377		0.0377	0.0377		595.1275	595.1275	0.0114	0.0109	598.7493
High Turnover (Sit Down Restaurant)	60425.8	0.6517	5.9241	4.9763	0.0355		0.4502	0.4502		0.4502	0.4502		7,108.9235	7,108.9235	0.1363	0.1303	7,152.1872
Total		**0.7148**	**6.4982**	**5.4585**	**0.0390**		**0.4939**	**0.4939**		**0.4939**	**0.4939**		**7,797.8361**	**7,797.8361**	**0.1495**	**0.1430**	**7,845.2925**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	5.05858	0.0546	0.4959	0.4166	2.9800e-003		0.0377	0.0377		0.0377	0.0377		595.1275	595.1275	0.0114	0.0109	598.7493
High Turnover (Sit Down Restaurant)	60.4258	0.6517	5.9241	4.9763	0.0355		0.4502	0.4502		0.4502	0.4502		7,108.9235	7,108.9235	0.1363	0.1303	7,152.1872
Movie Theater (No Matinee)	0.797174	8.6000e-003	0.0782	0.0657	4.7000e-004		5.9400e-003	5.9400e-003		5.9400e-003	5.9400e-003		93.7852	93.7852	1.8000e-003	1.7200e-003	94.3560
Total		**0.7148**	**6.4982**	**5.4585**	**0.0390**		**0.4939**	**0.4939**		**0.4939**	**0.4939**		**7,797.8361**	**7,797.8361**	**0.1495**	**0.1430**	**7,845.2925**

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	65.6762	2.9500e-003	0.3156	2.0000e-005		1.1400e-003	1.1400e-003		1.1400e-003	1.1400e-003		0.6672	0.6672	1.8300e-003		0.7057
Unmitigated	65.6762	2.9500e-003	0.3156	2.0000e-005		1.1400e-003	1.1400e-003		1.1400e-003	1.1400e-003		0.6672	0.6672	1.8300e-003		0.7057

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	5.2834					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	60.3627					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0302	2.9500e-003	0.3156	2.0000e-005		1.1400e-003	1.1400e-003		1.1400e-003	1.1400e-003		0.6672	0.6672	1.8300e-003		0.7057
Total	**65.6762**	**2.9500e-003**	**0.3156**	**2.0000e-005**		**1.1400e-003**	**1.1400e-003**		**1.1400e-003**	**1.1400e-003**		**0.6672**	**0.6672**	**1.8300e-003**		**0.7057**

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	5.2834					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	60.3627					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0302	2.9500e-003	0.3156	2.0000e-005		1.1400e-003	1.1400e-003		1.1400e-003	1.1400e-003		0.6672	0.6672	1.8300e-003		0.7057
Total	**65.6762**	**2.9500e-003**	**0.3156**	**2.0000e-005**		**1.1400e-003**	**1.1400e-003**		**1.1400e-003**	**1.1400e-003**		**0.6672**	**0.6672**	**1.8300e-003**		**0.7057**

7.0 Water Detail

7.1 Mitigation Measures Water

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

10.0 Vegetation

Five Lagunas - Existing

Orange County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	2,076.99	1000sqft	47.68	2,076,993.00	0
High Turnover (Sit Down Restaurant)	83.40	1000sqft	1.91	83,398.00	0
Movie Theater (No Matinee)	13.17	1000sqft	0.30	13,166.00	0
Regional Shopping Center	875.06	1000sqft	17.88	875,063.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	30
Climate Zone	8			**Operational Year**	2018
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Project Characteristics - See Section 1.0 Project Characteristics

Land Use - Land Use - See Section 1.1 Land Usage. Based on information provided by the applicant.

Construction Phase - Modified

Off-road Equipment - No construction.

Trips and VMT - No construction

Vehicle Trips - Based on Project Trip Generation Table prepared by LLG.

Woodstoves - No residential land uses (no woodstoves, no fireplaces).

Consumer Products - Default CalEEMod values.

Area Coating - 1,457,441 SF int non-res; 610,433 SF ext non-res.

Energy Use - Assumed historical data (CalEEMod default historical data).

Water And Wastewater - Default CalEEMod factors. 100% aerobic.

Solid Waste - Default CalEEMod values.

Construction Off-road Equipment Mitigation -

Area Mitigation - None.

Energy Mitigation - None.

Water Mitigation - None.

Waste Mitigation - 50% diversion rate per Assembly Bill 939.

Landscape Equipment - Default CalEEMod factors.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_Nonresidential_Interior	1550905	1457441
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	100	250
tblConstructionPhase	NumDays	1,110.00	1.00
tblLandUse	LandUseSquareFeet	2,076,990.00	2,076,993.00
tblLandUse	LandUseSquareFeet	83,400.00	83,398.00
tblLandUse	LandUseSquareFeet	13,170.00	13,166.00
tblLandUse	LandUseSquareFeet	875,060.00	875,063.00
tblLandUse	LotAcreage	20.09	17.88
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	OperationalYear	2014	2018
tblTripsAndVMT	VendorTripNumber	500.00	0.00
tblTripsAndVMT	WorkerTripNumber	1,193.00	0.00

tblVehicleTrips	DV_TP	20.00	35.00
tblVehicleTrips	DV_TP	17.00	35.00
tblVehicleTrips	PB_TP	43.00	11.00
tblVehicleTrips	PB_TP	17.00	11.00
tblVehicleTrips	PR_TP	37.00	54.00
tblVehicleTrips	PR_TP	66.00	54.00
tblVehicleTrips	ST_TR	158.37	37.14
tblVehicleTrips	ST_TR	80.00	37.14
tblVehicleTrips	ST_TR	49.97	37.14
tblVehicleTrips	SU_TR	131.84	37.14
tblVehicleTrips	SU_TR	80.00	37.14
tblVehicleTrips	SU_TR	25.24	37.14
tblVehicleTrips	WD_TR	127.15	28.50
tblVehicleTrips	WD_TR	80.00	28.50
tblVehicleTrips	WD_TR	42.94	28.50
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	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	65.6762	2.9500e-003	0.3156	2.0000e-005		1.1400e-003	1.1400e-003		1.1400e-003	1.1400e-003		0.6672	0.6672	1.8300e-003		0.7057
Energy	0.7148	6.4982	5.4585	0.0390		0.4939	0.4939		0.4939	0.4939		7,797.8361	7,797.8361	0.1495	0.1430	7,845.2925
Mobile	91.7266	173.7561	854.6759	2.3144	163.6756	2.4968	166.1725	43.6723	2.3021	45.9744		188,453.7826	188,453.7826	7.0803		188,602.4693
Total	**158.1175**	**180.2573**	**860.4499**	**2.3534**	**163.6756**	**2.9918**	**166.6675**	**43.6723**	**2.7971**	**46.4694**		**196,252.2860**	**196,252.2860**	**7.2316**	**0.1430**	**196,448.4674**

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	65.6762	2.9500e-003	0.3156	2.0000e-005		1.1400e-003	1.1400e-003		1.1400e-003	1.1400e-003		0.6672	0.6672	1.8300e-003		0.7057
Energy	0.7148	6.4982	5.4585	0.0390		0.4939	0.4939		0.4939	0.4939		7,797.8361	7,797.8361	0.1495	0.1430	7,845.2925
Mobile	91.7266	173.7561	854.6759	2.3144	163.6756	2.4968	166.1725	43.6723	2.3021	45.9744		188,453.7826	188,453.7826	7.0803		188,602.4693
Total	**158.1175**	**180.2573**	**860.4499**	**2.3534**	**163.6756**	**2.9918**	**166.6675**	**43.6723**	**2.7971**	**46.4694**		**196,252.2860**	**196,252.2860**	**7.2316**	**0.1430**	**196,448.4674**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	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**

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	91.7266	173.7561	854.6759	2.3144	163.6756	2.4968	166.1725	43.6723	2.3021	45.9744		188,453.7826	188,453.7826	7.0803		188,602.4693
Unmitigated	91.7266	173.7561	854.6759	2.3144	163.6756	2.4968	166.1725	43.6723	2.3021	45.9744		188,453.7826	188,453.7826	7.0803		188,602.4693

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
High Turnover (Sit Down Restaurant)	2,376.90	3,097.48	3097.48	5,208,827	5,208,827
Movie Theater (No Matinee)	375.35	489.13	489.13	771,364	771,364
Parking Lot	0.00	0.00	0.00		
Regional Shopping Center	24,939.21	32,499.73	32499.73	58,611,683	58,611,683
Total	27,691.46	36,086.34	36,086.34	64,591,873	64,591,873

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	54	35	11
Movie Theater (No Matinee)	16.60	8.40	6.90	1.80	79.20	19.00	54	35	11
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.510011	0.056836	0.192178	0.151564	0.041643	0.005905	0.015642	0.015146	0.001440	0.002149	0.004721	0.000504	0.002262

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: Y

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	0.7148	6.4982	5.4585	0.0390		0.4939	0.4939		0.4939	0.4939		7,797.8361	7,797.8361	0.1495	0.1430	7,845.2925
NaturalGas Unmitigated	0.7148	6.4982	5.4585	0.0390		0.4939	0.4939		0.4939	0.4939		7,797.8361	7,797.8361	0.1495	0.1430	7,845.2925

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					
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	5058.58	0.0546	0.4959	0.4166	2.9800e-003		0.0377	0.0377		0.0377	0.0377		595.1275	595.1275	0.0114	0.0109	598.7493
High Turnover (Sit Down Restaurant)	60425.8	0.6517	5.9241	4.9763	0.0355		0.4502	0.4502		0.4502	0.4502		7,108.9235	7,108.9235	0.1363	0.1303	7,152.1872
Movie Theater (No Matinee)	797.174	8.6000e-003	0.0782	0.0657	4.7000e-004		5.9400e-003	5.9400e-003		5.9400e-003	5.9400e-003		93.7852	93.7852	1.8000e-003	1.7200e-003	94.3560
Total		**0.7148**	**6.4982**	**5.4585**	**0.0390**		**0.4939**	**0.4939**		**0.4939**	**0.4939**		**7,797.8361**	**7,797.8361**	**0.1495**	**0.1430**	**7,845.2925**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	5.05858	0.0546	0.4959	0.4166	2.9800e-003		0.0377	0.0377		0.0377	0.0377		595.1275	595.1275	0.0114	0.0109	598.7493
High Turnover (Sit Down Restaurant)	60.4258	0.6517	5.9241	4.9763	0.0355		0.4502	0.4502		0.4502	0.4502		7,108.9235	7,108.9235	0.1363	0.1303	7,152.1872
Movie Theater (No Matinee)	0.797174	8.6000e-003	0.0782	0.0657	4.7000e-004		5.9400e-003	5.9400e-003		5.9400e-003	5.9400e-003		93.7852	93.7852	1.8000e-003	1.7200e-003	94.3560
Total		**0.7148**	**6.4982**	**5.4585**	**0.0390**		**0.4939**	**0.4939**		**0.4939**	**0.4939**		**7,797.8361**	**7,797.8361**	**0.1495**	**0.1430**	**7,845.2925**

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	65.6762	2.9500e-003	0.3156	2.0000e-005		1.1400e-003	1.1400e-003		1.1400e-003	1.1400e-003		0.6672	0.6672	1.8300e-003		0.7057
Unmitigated	65.6762	2.9500e-003	0.3156	2.0000e-005		1.1400e-003	1.1400e-003		1.1400e-003	1.1400e-003		0.6672	0.6672	1.8300e-003		0.7057

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	5.2834					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	60.3627					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0302	2.9500e-003	0.3156	2.0000e-005		1.1400e-003	1.1400e-003		1.1400e-003	1.1400e-003		0.6672	0.6672	1.8300e-003		0.7057
Total	**65.6762**	**2.9500e-003**	**0.3156**	**2.0000e-005**		**1.1400e-003**	**1.1400e-003**		**1.1400e-003**	**1.1400e-003**		**0.6672**	**0.6672**	**1.8300e-003**		**0.7057**

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	5.2834					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	60.3627					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0302	2.9500e-003	0.3156	2.0000e-005		1.1400e-003	1.1400e-003		1.1400e-003	1.1400e-003		0.6672	0.6672	1.8300e-003		0.7057
Total	**65.6762**	**2.9500e-003**	**0.3156**	**2.0000e-005**		**1.1400e-003**	**1.1400e-003**		**1.1400e-003**	**1.1400e-003**		**0.6672**	**0.6672**	**1.8300e-003**		**0.7057**

7.0 Water Detail

7.1 Mitigation Measures Water

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

10.0 Vegetation

Five Lagunas - Existing

Orange County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	2,076.99	1000sqft	47.68	2,076,993.00	0
High Turnover (Sit Down Restaurant)	83.40	1000sqft	1.91	83,398.00	0
Movie Theater (No Matinee)	13.17	1000sqft	0.30	13,166.00	0
Regional Shopping Center	875.06	1000sqft	17.88	875,063.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	30
Climate Zone	8			**Operational Year**	2018
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Project Characteristics - See Section 1.0 Project Characteristics

Land Use - Land Use - See Section 1.1 Land Usage. Based on information provided by the applicant.

Construction Phase - Modified

Off-road Equipment - No construction.

Trips and VMT - No construction

Vehicle Trips - Based on Project Trip Generation Table prepared by LLG.

Woodstoves - No residential land uses (no woodstoves, no fireplaces).

Consumer Products - Default CalEEMod values.

Area Coating - 1,457,441 SF int non-res; 610,433 SF ext non-res.

Energy Use - Assumed historical data (CalEEMod default historical data).

Water And Wastewater - Default CalEEMod factors. 100% aerobic.

Solid Waste - Default CalEEMod values.

Construction Off-road Equipment Mitigation -

Area Mitigation - None.

Energy Mitigation - None.

Water Mitigation - None.

Waste Mitigation - 50% diversion rate per Assembly Bill 939.

Landscape Equipment - Default CalEEMod factors.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_Nonresidential_Interior	1550905	1457441
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	100	250
tblConstructionPhase	NumDays	1,110.00	1.00
tblLandUse	LandUseSquareFeet	2,076,990.00	2,076,993.00
tblLandUse	LandUseSquareFeet	83,400.00	83,398.00
tblLandUse	LandUseSquareFeet	13,170.00	13,166.00
tblLandUse	LandUseSquareFeet	875,060.00	875,063.00
tblLandUse	LotAcreage	20.09	17.88
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	OperationalYear	2014	2018
tblTripsAndVMT	VendorTripNumber	500.00	0.00
tblTripsAndVMT	WorkerTripNumber	1,193.00	0.00

tblVehicleTrips	DV_TP	20.00	35.00
tblVehicleTrips	DV_TP	17.00	35.00
tblVehicleTrips	PB_TP	43.00	11.00
tblVehicleTrips	PB_TP	17.00	11.00
tblVehicleTrips	PR_TP	37.00	54.00
tblVehicleTrips	PR_TP	66.00	54.00
tblVehicleTrips	ST_TR	158.37	37.14
tblVehicleTrips	ST_TR	80.00	37.14
tblVehicleTrips	ST_TR	49.97	37.14
tblVehicleTrips	SU_TR	131.84	37.14
tblVehicleTrips	SU_TR	80.00	37.14
tblVehicleTrips	SU_TR	25.24	37.14
tblVehicleTrips	WD_TR	127.15	28.50
tblVehicleTrips	WD_TR	80.00	28.50
tblVehicleTrips	WD_TR	42.94	28.50
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00

2.0 Emissions Summary

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	11.9842	3.7000e-004	0.0395	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	0.0757	0.0757	2.1000e-004	0.0000	0.0800
Energy	0.1305	1.1859	0.9962	7.1200e-003		0.0901	0.0901		0.0901	0.0901	0.0000	6,184.4568	6,184.4568	0.2497	0.0702	6,211.4643
Mobile	13.9019	28.2726	132.1805	0.3395	24.4003	0.3793	24.7797	6.5199	0.3497	6.8697	0.0000	25,103.6879	25,103.6879	0.9739	0.0000	25,124.1405
Waste						0.0000	0.0000		0.0000	0.0000	403.2091	0.0000	403.2091	23.8290	0.0000	903.6175
Water						0.0000	0.0000		0.0000	0.0000	33.7604	488.0739	521.8342	0.1386	0.0781	548.9440
Total	**26.0165**	**29.4589**	**133.2161**	**0.3466**	**24.4003**	**0.4696**	**24.8699**	**6.5199**	**0.4400**	**6.9599**	**436.9694**	**31,776.2943**	**32,213.2637**	**25.1914**	**0.1483**	**32,788.2463**

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	11.9842	3.7000e-004	0.0395	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	0.0757	0.0757	2.1000e-004	0.0000	0.0800
Energy	0.1305	1.1859	0.9962	7.1200e-003		0.0901	0.0901		0.0901	0.0901	0.0000	6,184.4568	6,184.4568	0.2497	0.0702	6,211.4643
Mobile	13.9019	28.2726	132.1805	0.3395	24.4003	0.3793	24.7797	6.5199	0.3497	6.8697	0.0000	25,103.6879	25,103.6879	0.9739	0.0000	25,124.1405
Waste						0.0000	0.0000		0.0000	0.0000	201.6045	0.0000	201.6045	11.9145	0.0000	451.8088
Water						0.0000	0.0000		0.0000	0.0000	33.7604	488.0739	521.8342	0.1380	0.0779	548.8901
Total	**26.0165**	**29.4589**	**133.2161**	**0.3466**	**24.4003**	**0.4696**	**24.8699**	**6.5199**	**0.4400**	**6.9599**	**235.3649**	**31,776.2943**	**32,011.6592**	**13.2763**	**0.1481**	**32,336.3837**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**46.14**	**0.00**	**0.63**	**47.30**	**0.09**	**1.38**

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	13.9019	28.2726	132.1805	0.3395	24.4003	0.3793	24.7797	6.5199	0.3497	6.8697	0.0000	25,103.6879	25,103.6879	0.9739	0.0000	25,124.1405
Unmitigated	13.9019	28.2726	132.1805	0.3395	24.4003	0.3793	24.7797	6.5199	0.3497	6.8697	0.0000	25,103.6879	25,103.6879	0.9739	0.0000	25,124.1405

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
High Turnover (Sit Down Restaurant)	2,376.90	3,097.48	3097.48	5,208,827	5,208,827
Movie Theater (No Matinee)	375.35	489.13	489.13	771,364	771,364
Parking Lot	0.00	0.00	0.00		
Regional Shopping Center	24,939.21	32,499.73	32499.73	58,611,683	58,611,683
Total	27,691.46	36,086.34	36,086.34	64,591,873	64,591,873

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
High Turnover (Sit Down Restaurant)	16.60	8.40	6.90	8.50	72.50	19.00	54	35	11
Movie Theater (No Matinee)	16.60	8.40	6.90	1.80	79.20	19.00	54	35	11
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.510011	0.056836	0.192178	0.151564	0.041643	0.005905	0.015642	0.015146	0.001440	0.002149	0.004721	0.000504	0.002262

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: Y

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	4,893.4376	4,893.4376	0.2249	0.0465	4,912.5882
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	4,893.4376	4,893.4376	0.2249	0.0465	4,912.5882
NaturalGas Mitigated	0.1305	1.1859	0.9962	7.1200e-003		0.0901	0.0901		0.0901	0.0901	0.0000	1,291.0192	1,291.0192	0.0247	0.0237	1,298.8762
NaturalGas Unmitigated	0.1305	1.1859	0.9962	7.1200e-003		0.0901	0.0901		0.0901	0.0901	0.0000	1,291.0192	1,291.0192	0.0247	0.0237	1,298.8762

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					
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	1.84638e+006	9.9600e-003	0.0905	0.0760	5.4000e-004		6.8800e-003	6.8800e-003		6.8800e-003	6.8800e-003	0.0000	98.5300	98.5300	1.8900e-003	1.8100e-003	99.1297
High Turnover (Sit Down Restaurant)	2.20554e+007	0.1189	1.0812	0.9082	6.4900e-003		0.0822	0.0822		0.0822	0.0822	0.0000	1,176.9620	1,176.9620	0.0226	0.0216	1,184.1248
Movie Theater (No Matinee)	290969	1.5700e-003	0.0143	0.0120	9.0000e-005		1.0800e-003	1.0800e-003		1.0800e-003	1.0800e-003	0.0000	15.5272	15.5272	3.0000e-004	2.8000e-004	15.6217
Total		**0.1305**	**1.1859**	**0.9962**	**7.1200e-003**		**0.0901**	**0.0901**		**0.0901**	**0.0901**	**0.0000**	**1,291.0192**	**1,291.0192**	**0.0248**	**0.0237**	**1,298.8762**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	1.84638e+006	9.9600e-003	0.0905	0.0760	5.4000e-004		6.8800e-003	6.8800e-003		6.8800e-003	6.8800e-003	0.0000	98.5300	98.5300	1.8900e-003	1.8100e-003	99.1297
High Turnover (Sit Down Restaurant)	2.20554e+007	0.1189	1.0812	0.9082	6.4900e-003		0.0822	0.0822		0.0822	0.0822	0.0000	1,176.9620	1,176.9620	0.0226	0.0216	1,184.1248
Movie Theater (No Matinee)	290969	1.5700e-003	0.0143	0.0120	9.0000e-005		1.0800e-003	1.0800e-003		1.0800e-003	1.0800e-003	0.0000	15.5272	15.5272	3.0000e-004	2.8000e-004	15.6217
Total		**0.1305**	**1.1859**	**0.9962**	**7.1200e-003**		**0.0901**	**0.0901**		**0.0901**	**0.0901**	**0.0000**	**1,291.0192**	**1,291.0192**	**0.0248**	**0.0237**	**1,298.8762**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
High Turnover (Sit Down Restaurant)	3.38429e+006	968.4720	0.0445	9.2100e-003	972.2621
Movie Theater (No Matinee)	127052	36.3581	1.6700e-003	3.5000e-004	36.5003
Parking Lot	1.82775e+006	523.0426	0.0240	4.9700e-003	525.0896
Regional Shopping Center	1.17608e+007	3,365.5649	0.1547	0.0320	3,378.7361
Total		**4,893.4376**	**0.2249**	**0.0465**	**4,912.5882**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
High Turnover (Sit Down Restaurant)	3.38429e+006	968.4720	0.0445	9.2100e-003	972.2621
Movie Theater (No Matinee)	127052	36.3581	1.6700e-003	3.5000e-004	36.5003
Parking Lot	1.82775e+006	523.0426	0.0240	4.9700e-003	525.0896
Regional Shopping Center	1.17608e+007	3,365.5649	0.1547	0.0320	3,378.7361
Total		**4,893.4376**	**0.2249**	**0.0465**	**4,912.5882**

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	11.9842	3.7000e-004	0.0395	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	0.0757	0.0757	2.1000e-004	0.0000	0.0800
Unmitigated	11.9842	3.7000e-004	0.0395	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	0.0757	0.0757	2.1000e-004	0.0000	0.0800

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.9642					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	11.0162					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.7700e-003	3.7000e-004	0.0395	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	0.0757	0.0757	2.1000e-004	0.0000	0.0800
Total	**11.9842**	**3.7000e-004**	**0.0395**	**0.0000**		**1.4000e-004**	**1.4000e-004**		**1.4000e-004**	**1.4000e-004**	**0.0000**	**0.0757**	**0.0757**	**2.1000e-004**	**0.0000**	**0.0800**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.9642					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	11.0162					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.7700e-003	3.7000e-004	0.0395	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	0.0757	0.0757	2.1000e-004	0.0000	0.0800
Total	**11.9842**	**3.7000e-004**	**0.0395**	**0.0000**		**1.4000e-004**	**1.4000e-004**		**1.4000e-004**	**1.4000e-004**	**0.0000**	**0.0757**	**0.0757**	**2.1000e-004**	**0.0000**	**0.0800**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	521.8342	0.1380	0.0779	548.8901
Unmitigated	521.8342	0.1386	0.0781	548.9440

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
High Turnover (Sit Down Restaurant)	25.3147 / 1.61583	108.4208	0.0354	0.0204	115.4953
Movie Theater (No Matinee)	5.28909 / 0.337602	22.6527	7.4000e-003	4.2700e-003	24.1308
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	64.8179 / 39.7271	390.7607	0.0958	0.0534	409.3178
Total		**521.8342**	**0.1386**	**0.0781**	**548.9440**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
High Turnover (Sit Down Restaurant)	25.3147 / 1.61583	108.4208	0.0352	0.0204	115.4810
Movie Theater (No Matinee)	5.28909 / 0.337602	22.6527	7.3600e-003	4.2600e-003	24.1279
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	64.8179 / 39.7271	390.7607	0.0954	0.0533	409.2812
Total		**521.8342**	**0.1380**	**0.0779**	**548.8901**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Unmitigated	403.2091	23.8290	0.0000	903.6175
Mitigated	201.6045	11.9145	0.0000	451.8088

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
High Turnover (Sit Down Restaurant)	992.46	201.4604	11.9060	0.0000	451.4858
Movie Theater (No Matinee)	75.07	15.2385	0.9006	0.0000	34.1505
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	918.81	186.5101	11.0224	0.0000	417.9812
Total		**403.2091**	**23.8290**	**0.0000**	**903.6175**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
High Turnover (Sit Down Restaurant)	496.23	100.7302	5.9530	0.0000	225.7429
Movie Theater (No Matinee)	37.535	7.6193	0.4503	0.0000	17.0753
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	459.405	93.2551	5.5112	0.0000	208.9906
Total		**201.6045**	**11.9145**	**0.0000**	**451.8088**

9.0 Operational Offroad

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

10.0 Vegetation