CalEEMod Version: CalEEMod.2016.3.2

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Santa Monica Malibu USD JAMS - Los Angeles-South Coast County, Winter

Santa Monica Malibu USD JAMS

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Junior High School	8.72	1000sqft	0.00	8,716.00	0
Arena	20.00	1000sqft	1.07	20,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2023
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Land Use - Acreage represents total site.

Off-road Equipment - Applicant provided information

Vehicle Trips - Construction Emissions Only

Construction Off-road Equipment Mitigation -

Trips and VMT - Transpo 2018

Energy Use - Construction Emissions Only

Water And Wastewater - Construction Emissions Only

Solid Waste - Construction Emissions Only

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	10.00	132.00
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tblEnergyUse	LightingElect	2.59	0.00
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tblEnergyUse	NT24NG	4.45	0.00
tblEnergyUse	NT24NG	1.08	0.00
tblEnergyUse	T24E	2.25	0.00
tblEnergyUse	T24E	1.74	0.00
tblEnergyUse	T24NG	13.65	0.00

tblEnergyUse	T24NG	9.32	0.00
tblGrading	AcresOfGrading	8.25	1.50
tblGrading	AcresOfGrading	16.88	1.50
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tblGrading	AcresOfGrading	11.00	1.00
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tblLandUse	LotAcreage	6.43	1.07
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tblSolidWaste	SolidWasteGenerationRate	11.34	0.00
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tblTripsAndVMT	HaulingTripNumber	0.00	1,450.00
tblTripsAndVMT	HaulingTripNumber	0.00	580.00
tblTripsAndVMT	HaulingTripNumber	0.00	580.00
tblTripsAndVMT	HaulingTripNumber	25.00	580.00
tblTripsAndVMT	HaulingTripNumber	0.00	1,740.00
tblTripsAndVMT	HaulingTripNumber	0.00	870.00
tblTripsAndVMT	HaulingTripNumber	0.00	1,740.00
tblTripsAndVMT	HaulingTripNumber	0.00	580.00
tblTripsAndVMT	HaulingTripNumber	0.00	1,740.00
tblTripsAndVMT	HaulingTripNumber	0.00	870.00
tblTripsAndVMT	HaulingTripNumber	0.00	580.00
tblTripsAndVMT	HaulingTripNumber	0.00	2,900.00
tblTripsAndVMT	HaulingTripNumber	0.00	2,900.00
tblTripsAndVMT	HaulingTripNumber	0.00	1,450.00

tblTripsAndVMT	HaulingTripNumber	0.00	580.00
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tblTripsAndVMT	HaulingTripNumber	0.00	1,160.00
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tblTripsAndVMT	WorkerTripNumber	8.00	4.00
tblTripsAndVMT	WorkerTripNumber	12.00	40.00
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tblTripsAndVMT	WorkerTripNumber	12.00	8.00
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tblTripsAndVMT	WorkerTripNumber	8.00	4.00
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tblVehicleTrips	WD_TR	13.78	0.00
tblWater	IndoorWaterUseRate	8,615,402.35	0.00

tblWater	IndoorWaterUseRate	179,815.16	0.00
tblWater	OutdoorWaterUseRate	549,919.30	0.00
tblWater	OutdoorWaterUseRate	462,381.84	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					
2018	2.8010	33.0348	17.3939	0.0461	0.7636	1.4703	2.2339	0.1823	1.3752	1.5576	0.0000	4,755.4239	4,755.4239	0.7745	0.0000	4,774.7853
2019	11.6239	144.6918	65.8802	0.2473	19.5609	4.5525	24.1134	9.4806	4.2801	13.7607	0.0000	25,495.4846	25,495.4846	3.4718	0.0000	25,582.2788
2020	19.7864	132.4317	65.2541	0.2367	19.3188	4.1948	23.5136	9.4040	3.9470	13.3510	0.0000	24,190.4371	24,190.4371	3.3346	0.0000	24,273.8012
2021	7.1415	84.6359	41.5866	0.1373	58.3518	2.9244	61.2762	18.9430	2.7241	21.6671	0.0000	13,891.7277	13,891.7277	2.3675	0.0000	13,950.9151
2022	3.3994	3.9591	3.1432	0.0125	0.7886	0.0907	0.8792	0.2029	0.0902	0.2931	0.0000	1,300.8399	1,300.8399	0.0819	0.0000	1,302.8865
Maximum	**19.7864**	**144.6918**	**65.8802**	**0.2473**	**58.3518**	**4.5525**	**61.2762**	**18.9430**	**4.2801**	**21.6671**	**0.0000**	**25,495.4846**	**25,495.4846**	**3.4718**	**0.0000**	**25,582.2788**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	2.8010	33.0348	17.3939	0.0461	0.6335	1.4703	2.1038	0.1626	1.3752	1.5379	0.0000	4,755.4239	4,755.4239	0.7745	0.0000	4,774.7853
2019	11.6239	144.6918	65.8802	0.2473	10.3257	4.5525	14.8782	4.4270	4.2801	8.7071	0.0000	25,495.4845	25,495.4845	3.4718	0.0000	25,582.2788
2020	19.7864	132.4317	65.2541	0.2367	10.0322	4.1948	14.2270	4.3448	3.9470	8.2918	0.0000	24,190.4371	24,190.4371	3.3346	0.0000	24,273.8012
2021	7.1415	84.6359	41.5866	0.1373	49.1178	2.9244	52.0422	13.8895	2.7241	16.6136	0.0000	13,891.7277	13,891.7277	2.3675	0.0000	13,950.9150
2022	3.3994	3.9591	3.1432	0.0125	0.7886	0.0907	0.8792	0.2029	0.0902	0.2931	0.0000	1,300.8399	1,300.8399	0.0819	0.0000	1,302.8865
Maximum	**19.7864**	**144.6918**	**65.8802**	**0.2473**	**49.1178**	**4.5525**	**52.0422**	**13.8895**	**4.2801**	**16.6136**	**0.0000**	**25,495.4845**	**25,495.4845**	**3.4718**	**0.0000**	**25,582.2788**

	ROG	**NOx**	**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**	**28.23**	**0.00**	**24.89**	**39.74**	**0.00**	**29.99**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition for New Auditorium	Demolition	6/1/2018	9/1/2018	5	66	
2	Remodel of Building J	Building Construction	6/1/2019	9/1/2019	5	65	
3	Site Preparation for New Auditorium	Site Preparation	8/1/2019	10/1/2019	5	44	
4	Trenching for New Auditorium	Site Preparation	8/1/2019	10/1/2019	5	44	
5	Grading for New Auditorium	Grading	8/1/2019	10/1/2019	5	44	
6	Remodel of Building J Architectural Coating	Building Construction	9/1/2019	12/13/2019	5	75	
7	Building Construction for New Auditorium	Building Construction	10/1/2019	6/1/2020	5	175	
8	Site Preparation for Rehearsal Rooms	Site Preparation	5/1/2020	6/1/2020	5	22	
9	Trenching for Rehearsal Rooms	Site Preparation	5/1/2020	6/1/2020	5	22	
10	Grading for Rehearsal Rooms	Grading	5/1/2020	6/1/2020	5	22	
11	Building Construction for Rehearsal Rooms	Building Construction	5/1/2020	9/1/2020	5	88	
12	Architectural Coating for New Auditorium	Architectural Coating	6/1/2020	12/1/2020	5	132	
13	Demolition for Music Building	Demolition	8/1/2020	11/1/2020	5	65	
14	Architectural Coating for Rehearsal Rooms	Architectural Coating	8/1/2020	9/1/2020	5	22	
15	Site Preparation for Music Building	Site Preparation	11/1/2020	1/1/2021	5	45	
16	Trenching for Music Building	Site Preparation	11/1/2020	1/1/2021	5	45	
17	Grading for Music Building	Grading	11/1/2020	1/1/2021	5	45	
18	Building Construction for Music Building	Building Construction	1/1/2021	10/1/2021	5	196	
19	Architectural Coating for Music Building	Architectural Coating	10/1/2021	2/1/2022	5	88	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 43,074; Non-Residential Outdoor: 14,358; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition for New Auditorium	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition for New Auditorium	Rubber Tired Dozers	1	8.00	247	0.40
Demolition for New Auditorium	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Remodel of Building J	Cranes	1	6.00	231	0.29
Remodel of Building J	Forklifts	1	6.00	89	0.20
Remodel of Building J	Generator Sets	1	8.00	84	0.74
Remodel of Building J	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Remodel of Building J	Welders	3	8.00	46	0.45
Site Preparation for New Auditorium	Graders	1	8.00	187	0.41
Site Preparation for New Auditorium	Rubber Tired Dozers	1	7.00	247	0.40
Site Preparation for New Auditorium	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Trenching for New Auditorium	Graders	1	8.00	187	0.41
Trenching for New Auditorium	Rubber Tired Dozers	1	7.00	247	0.40
Trenching for New Auditorium	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading for New Auditorium	Graders	1	6.00	187	0.41
Grading for New Auditorium	Rubber Tired Dozers	1	6.00	247	0.40
Grading for New Auditorium	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Remodel of Building J Architectural Coating	Cranes	1	6.00	231	0.29
Remodel of Building J Architectural Coating	Forklifts	1	6.00	89	0.20
Remodel of Building J Architectural Coating	Generator Sets	1	8.00	84	0.74
Remodel of Building J Architectural Coating	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Remodel of Building J Architectural Coating	Welders	3	8.00	46	0.45
Building Construction for New Auditorium	Cranes	1	6.00	231	0.29
Building Construction for New Auditorium	Forklifts	1	6.00	89	0.20
Building Construction for New Auditorium	Generator Sets	1	8.00	84	0.74
Building Construction for New Auditorium	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction for New Auditorium	Welders	3	8.00	46	0.45

Site Preparation for Rehearsal Rooms	Graders	1	8.00	187	0.41
Site Preparation for Rehearsal Rooms	Rubber Tired Dozers	1	7.00	247	0.40
Site Preparation for Rehearsal Rooms	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Trenching for Rehearsal Rooms	Graders	1	8.00	187	0.41
Trenching for Rehearsal Rooms	Rubber Tired Dozers	1	7.00	247	0.40
Trenching for Rehearsal Rooms	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading for Rehearsal Rooms	Graders	1	6.00	187	0.41
Grading for Rehearsal Rooms	Rubber Tired Dozers	1	6.00	247	0.40
Grading for Rehearsal Rooms	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Building Construction for Rehearsal Rooms	Cranes	1	6.00	231	0.29
Building Construction for Rehearsal Rooms	Forklifts	1	6.00	89	0.20
Building Construction for Rehearsal Rooms	Generator Sets	1	8.00	84	0.74
Building Construction for Rehearsal Rooms	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction for Rehearsal Rooms	Welders	3	8.00	46	0.45
Architectural Coating for New Auditorium	Air Compressors	1	6.00	78	0.48
Demolition for Music Building	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition for Music Building	Rubber Tired Dozers	1	8.00	247	0.40
Demolition for Music Building	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Architectural Coating for Rehearsal Rooms	Air Compressors	1	6.00	78	0.48
Site Preparation for Music Building	Graders	1	8.00	187	0.41
Site Preparation for Music Building	Rubber Tired Dozers	1	7.00	247	0.40
Site Preparation for Music Building	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Trenching for Music Building	Graders	1	8.00	187	0.41
Trenching for Music Building	Rubber Tired Dozers	1	7.00	247	0.40
Trenching for Music Building	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading for Music Building	Graders	1	6.00	187	0.41
Grading for Music Building	Rubber Tired Dozers	1	6.00	247	0.40
Grading for Music Building	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Building Construction for Music Building	Cranes	1	6.00	231	0.29

Building Construction for Music Building	Forklifts	1	6.00	89	0.20
Building Construction for Music Building	Generator Sets	1	8.00	84	0.74
Building Construction for Music Building	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction for Music Building	Welders	3	8.00	46	0.45
Architectural Coating for Music Building	Air Compressors	1	6.00	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
Demolition for New Auditorium	5	8.00	0.00	1,740.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Remodel of Building J	7	12.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation for New Auditorium	3	8.00	0.00	2,900.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Trenching for New Auditorium	3	8.00	0.00	2,900.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading for New Auditorium	3	8.00	0.00	1,450.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Remodel of Building J Architectural Coating	7	8.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction for New Auditorium	7	50.00	0.00	2,175.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation for Rehearsal Rooms	3	20.00	0.00	1,160.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Trenching for Rehearsal Rooms	3	4.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading for Rehearsal Rooms	3	4.00	0.00	1,450.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction for Rehearsal Rooms	7	4.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating for New Auditorium	1	12.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition for Music Building	5	4.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating for Rehearsal Rooms	1	8.00	0.00	1,740.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation for Music Building	3	4.00	0.00	870.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Trenching for Music Building	3	4.00	0.00	1,740.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading for Music Building	3	4.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction for Music Building	7	40.00	0.00	1,740.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating for Music Building	1	20.00	0.00	870.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition for New Auditorium - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2132	0.0000	0.2132	0.0323	0.0000	0.0323			0.0000			0.0000
Off-Road	2.4838	24.3641	15.1107	0.0241		1.4365	1.4365		1.3429	1.3429		2,391.1659	2,391.1659	0.6058		2,406.3105
Total	**2.4838**	**24.3641**	**15.1107**	**0.0241**	**0.2132**	**1.4365**	**1.6497**	**0.0323**	**1.3429**	**1.3752**		**2,391.1659**	**2,391.1659**	**0.6058**		**2,406.3105**

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	0.2683	8.6338	1.8853	0.0210	0.4609	0.0330	0.4940	0.1263	0.0316	0.1579		2,269.8120	2,269.8120	0.1651		2,273.9399
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	0.0489	0.0369	0.3978	9.5000e-004	0.0894	8.0000e-004	0.0902	0.0237	7.4000e-004	0.0245		94.4461	94.4461	3.5500e-003		94.5349
Total	**0.3172**	**8.6707**	**2.2831**	**0.0220**	**0.5503**	**0.0338**	**0.5842**	**0.1501**	**0.0323**	**0.1824**		**2,364.2581**	**2,364.2581**	**0.1687**		**2,368.4749**

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					0.0832	0.0000	0.0832	0.0126	0.0000	0.0126			0.0000			0.0000
Off-Road	2.4838	24.3641	15.1107	0.0241		1.4365	1.4365		1.3429	1.3429	0.0000	2,391.1659	2,391.1659	0.6058		2,406.3105
Total	**2.4838**	**24.3641**	**15.1107**	**0.0241**	**0.0832**	**1.4365**	**1.5196**	**0.0126**	**1.3429**	**1.3555**	**0.0000**	**2,391.1659**	**2,391.1659**	**0.6058**		**2,406.3105**

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	0.2683	8.6338	1.8853	0.0210	0.4609	0.0330	0.4940	0.1263	0.0316	0.1579		2,269.8120	2,269.8120	0.1651		2,273.9399
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	0.0489	0.0369	0.3978	9.5000e-004	0.0894	8.0000e-004	0.0902	0.0237	7.4000e-004	0.0245		94.4461	94.4461	3.5500e-003		94.5349
Total	**0.3172**	**8.6707**	**2.2831**	**0.0220**	**0.5503**	**0.0338**	**0.5842**	**0.1501**	**0.0323**	**0.1824**		**2,364.2581**	**2,364.2581**	**0.1687**		**2,368.4749**

3.3 Remodel of Building J - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2721	15.9802	13.4870	0.0220		0.9158	0.9158		0.8846	0.8846		2,018.0224	2,018.0224	0.3879		2,027.7210
Total	**2.2721**	**15.9802**	**13.4870**	**0.0220**		**0.9158**	**0.9158**		**0.8846**	**0.8846**		**2,018.0224**	**2,018.0224**	**0.3879**		**2,027.7210**

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	0.0860	2.7695	0.6221	7.0100e-003	0.1560	0.0102	0.1662	0.0428	9.7700e-003	0.0525		758.3274	758.3274	0.0552		759.7062
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	0.0665	0.0488	0.5310	1.3800e-003	0.1341	1.1600e-003	0.1353	0.0356	1.0700e-003	0.0366		137.0557	137.0557	4.7100e-003		137.1736
Total	**0.1524**	**2.8182**	**1.1531**	**8.3900e-003**	**0.2901**	**0.0114**	**0.3015**	**0.0783**	**0.0108**	**0.0892**		**895.3831**	**895.3831**	**0.0599**		**896.8798**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2721	15.9802	13.4870	0.0220		0.9158	0.9158		0.8846	0.8846	0.0000	2,018.0224	2,018.0224	0.3879		2,027.7210
Total	**2.2721**	**15.9802**	**13.4870**	**0.0220**		**0.9158**	**0.9158**		**0.8846**	**0.8846**	**0.0000**	**2,018.0224**	**2,018.0224**	**0.3879**		**2,027.7210**

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	0.0860	2.7695	0.6221	7.0100e-003	0.1560	0.0102	0.1662	0.0428	9.7700e-003	0.0525		758.3274	758.3274	0.0552		759.7062
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	0.0665	0.0488	0.5310	1.3800e-003	0.1341	1.1600e-003	0.1353	0.0356	1.0700e-003	0.0366		137.0557	137.0557	4.7100e-003		137.1736
Total	**0.1524**	**2.8182**	**1.1531**	**8.3900e-003**	**0.2901**	**0.0114**	**0.3015**	**0.0783**	**0.0108**	**0.0892**		**895.3831**	**895.3831**	**0.0599**		**896.8798**

3.4 Site Preparation for New Auditorium - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.2934	0.0000	5.2934	2.8991	0.0000	2.8991			0.0000			0.0000
Off-Road	1.7123	19.4821	7.8893	0.0172		0.8824	0.8824		0.8118	0.8118		1,704.9189	1,704.9189	0.5394		1,718.4044
Total	**1.7123**	**19.4821**	**7.8893**	**0.0172**	**5.2934**	**0.8824**	**6.1758**	**2.8991**	**0.8118**	**3.7108**		**1,704.9189**	**1,704.9189**	**0.5394**		**1,718.4044**

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	0.6349	20.4562	4.5949	0.0518	1.1523	0.0755	1.2278	0.3159	0.0722	0.3881		5,601.2820	5,601.2820	0.4074		5,611.4661
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	0.0443	0.0325	0.3540	9.2000e-004	0.0894	7.7000e-004	0.0902	0.0237	7.1000e-004	0.0244		91.3705	91.3705	3.1400e-003		91.4491
Total	**0.6792**	**20.4887**	**4.9489**	**0.0527**	**1.2418**	**0.0762**	**1.3180**	**0.3396**	**0.0729**	**0.4125**		**5,692.6525**	**5,692.6525**	**0.4105**		**5,702.9151**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0644	0.0000	2.0644	1.1306	0.0000	1.1306			0.0000			0.0000
Off-Road	1.7123	19.4821	7.8893	0.0172		0.8824	0.8824		0.8118	0.8118	0.0000	1,704.9189	1,704.9189	0.5394		1,718.4044
Total	**1.7123**	**19.4821**	**7.8893**	**0.0172**	**2.0644**	**0.8824**	**2.9468**	**1.1306**	**0.8118**	**1.9424**	**0.0000**	**1,704.9189**	**1,704.9189**	**0.5394**		**1,718.4044**

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	0.6349	20.4562	4.5949	0.0518	1.1523	0.0755	1.2278	0.3159	0.0722	0.3881		5,601.2820	5,601.2820	0.4074		5,611.4661
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	0.0443	0.0325	0.3540	9.2000e-004	0.0894	7.7000e-004	0.0902	0.0237	7.1000e-004	0.0244		91.3705	91.3705	3.1400e-003		91.4491
Total	**0.6792**	**20.4887**	**4.9489**	**0.0527**	**1.2418**	**0.0762**	**1.3180**	**0.3396**	**0.0729**	**0.4125**		**5,692.6525**	**5,692.6525**	**0.4105**		**5,702.9151**

3.5 Trenching for New Auditorium - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.2934	0.0000	5.2934	2.8991	0.0000	2.8991			0.0000			0.0000
Off-Road	1.7123	19.4821	7.8893	0.0172		0.8824	0.8824		0.8118	0.8118		1,704.9189	1,704.9189	0.5394		1,718.4044
Total	**1.7123**	**19.4821**	**7.8893**	**0.0172**	**5.2934**	**0.8824**	**6.1758**	**2.8991**	**0.8118**	**3.7108**		**1,704.9189**	**1,704.9189**	**0.5394**		**1,718.4044**

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	0.6349	20.4562	4.5949	0.0518	1.1523	0.0755	1.2278	0.3159	0.0722	0.3881		5,601.2820	5,601.2820	0.4074		5,611.4661
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	0.0443	0.0325	0.3540	9.2000e-004	0.0894	7.7000e-004	0.0902	0.0237	7.1000e-004	0.0244		91.3705	91.3705	3.1400e-003		91.4491
Total	**0.6792**	**20.4887**	**4.9489**	**0.0527**	**1.2418**	**0.0762**	**1.3180**	**0.3396**	**0.0729**	**0.4125**		**5,692.6525**	**5,692.6525**	**0.4105**		**5,702.9151**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0644	0.0000	2.0644	1.1306	0.0000	1.1306			0.0000			0.0000
Off-Road	1.7123	19.4821	7.8893	0.0172		0.8824	0.8824		0.8118	0.8118	0.0000	1,704.9189	1,704.9189	0.5394		1,718.4044
Total	**1.7123**	**19.4821**	**7.8893**	**0.0172**	**2.0644**	**0.8824**	**2.9468**	**1.1306**	**0.8118**	**1.9424**	**0.0000**	**1,704.9189**	**1,704.9189**	**0.5394**		**1,718.4044**

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	0.6349	20.4562	4.5949	0.0518	1.1523	0.0755	1.2278	0.3159	0.0722	0.3881		5,601.2820	5,601.2820	0.4074		5,611.4661
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	0.0443	0.0325	0.3540	9.2000e-004	0.0894	7.7000e-004	0.0902	0.0237	7.1000e-004	0.0244		91.3705	91.3705	3.1400e-003		91.4491
Total	**0.6792**	**20.4887**	**4.9489**	**0.0527**	**1.2418**	**0.0762**	**1.3180**	**0.3396**	**0.0729**	**0.4125**		**5,692.6525**	**5,692.6525**	**0.4105**		**5,702.9151**

3.6 Grading for New Auditorium - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.5527	0.0000	4.5527	2.4866	0.0000	2.4866			0.0000			0.0000
Off-Road	1.4197	16.0357	6.6065	0.0141		0.7365	0.7365		0.6775	0.6775		1,396.3909	1,396.3909	0.4418		1,407.4359
Total	**1.4197**	**16.0357**	**6.6065**	**0.0141**	**4.5527**	**0.7365**	**5.2892**	**2.4866**	**0.6775**	**3.1641**		**1,396.3909**	**1,396.3909**	**0.4418**		**1,407.4359**

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	0.3174	10.2281	2.2974	0.0259	0.5762	0.0377	0.6139	0.1579	0.0361	0.1940		2,800.6410	2,800.6410	0.2037		2,805.7330
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	0.0443	0.0325	0.3540	9.2000e-004	0.0894	7.7000e-004	0.0902	0.0237	7.1000e-004	0.0244		91.3705	91.3705	3.1400e-003		91.4491
Total	**0.3617**	**10.2606**	**2.6514**	**0.0268**	**0.6656**	**0.0385**	**0.7041**	**0.1816**	**0.0368**	**0.2185**		**2,892.0115**	**2,892.0115**	**0.2068**		**2,897.1821**

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					1.7756	0.0000	1.7756	0.9698	0.0000	0.9698			0.0000			0.0000
Off-Road	1.4197	16.0357	6.6065	0.0141		0.7365	0.7365		0.6775	0.6775	0.0000	1,396.3909	1,396.3909	0.4418		1,407.4359
Total	**1.4197**	**16.0357**	**6.6065**	**0.0141**	**1.7756**	**0.7365**	**2.5120**	**0.9698**	**0.6775**	**1.6473**	**0.0000**	**1,396.3909**	**1,396.3909**	**0.4418**		**1,407.4359**

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	0.3174	10.2281	2.2974	0.0259	0.5762	0.0377	0.6139	0.1579	0.0361	0.1940		2,800.6410	2,800.6410	0.2037		2,805.7330
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	0.0443	0.0325	0.3540	9.2000e-004	0.0894	7.7000e-004	0.0902	0.0237	7.1000e-004	0.0244		91.3705	91.3705	3.1400e-003		91.4491
Total	**0.3617**	**10.2606**	**2.6514**	**0.0268**	**0.6656**	**0.0385**	**0.7041**	**0.1816**	**0.0368**	**0.2185**		**2,892.0115**	**2,892.0115**	**0.2068**		**2,897.1821**

3.7 Remodel of Building J Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2721	15.9802	13.4870	0.0220		0.9158	0.9158		0.8846	0.8846		2,018.0224	2,018.0224	0.3879		2,027.7210
Total	**2.2721**	**15.9802**	**13.4870**	**0.0220**		**0.9158**	**0.9158**		**0.8846**	**0.8846**		**2,018.0224**	**2,018.0224**	**0.3879**		**2,027.7210**

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	0.0745	2.4002	0.5391	6.0700e-003	0.1352	8.8500e-003	0.1441	0.0371	8.4700e-003	0.0455		657.2171	657.2171	0.0478		658.4120
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	0.0443	0.0325	0.3540	9.2000e-004	0.0894	7.7000e-004	0.0902	0.0237	7.1000e-004	0.0244		91.3705	91.3705	3.1400e-003		91.4491
Total	**0.1188**	**2.4327**	**0.8931**	**6.9900e-003**	**0.2246**	**9.6200e-003**	**0.2343**	**0.0608**	**9.1800e-003**	**0.0700**		**748.5876**	**748.5876**	**0.0509**		**749.8611**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2721	15.9802	13.4870	0.0220		0.9158	0.9158		0.8846	0.8846	0.0000	2,018.0224	2,018.0224	0.3879		2,027.7210
Total	**2.2721**	**15.9802**	**13.4870**	**0.0220**		**0.9158**	**0.9158**		**0.8846**	**0.8846**	**0.0000**	**2,018.0224**	**2,018.0224**	**0.3879**		**2,027.7210**

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	0.0745	2.4002	0.5391	6.0700e-003	0.1352	8.8500e-003	0.1441	0.0371	8.4700e-003	0.0455		657.2171	657.2171	0.0478		658.4120
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	0.0443	0.0325	0.3540	9.2000e-004	0.0894	7.7000e-004	0.0902	0.0237	7.1000e-004	0.0244		91.3705	91.3705	3.1400e-003		91.4491
Total	**0.1188**	**2.4327**	**0.8931**	**6.9900e-003**	**0.2246**	**9.6200e-003**	**0.2343**	**0.0608**	**9.1800e-003**	**0.0700**		**748.5876**	**748.5876**	**0.0509**		**749.8611**

3.8 Building Construction for New Auditorium - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2721	15.9802	13.4870	0.0220		0.9158	0.9158		0.8846	0.8846		2,018.0224	2,018.0224	0.3879		2,027.7210
Total	**2.2721**	**15.9802**	**13.4870**	**0.0220**		**0.9158**	**0.9158**		**0.8846**	**0.8846**		**2,018.0224**	**2,018.0224**	**0.3879**		**2,027.7210**

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	0.1197	3.8575	0.8665	9.7600e-003	0.4887	0.0142	0.5029	0.1262	0.0136	0.1398		1,056.2417	1,056.2417	0.0768		1,058.1622
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	0.2769	0.2033	2.2124	5.7400e-003	0.5589	4.8200e-003	0.5637	0.1482	4.4400e-003	0.1527		571.0654	571.0654	0.0197		571.5565
Total	**0.3966**	**4.0607**	**3.0788**	**0.0155**	**1.0476**	**0.0191**	**1.0666**	**0.2744**	**0.0181**	**0.2925**		**1,627.3072**	**1,627.3072**	**0.0965**		**1,629.7187**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2721	15.9802	13.4870	0.0220		0.9158	0.9158		0.8846	0.8846	0.0000	2,018.0224	2,018.0224	0.3879		2,027.7210
Total	**2.2721**	**15.9802**	**13.4870**	**0.0220**		**0.9158**	**0.9158**		**0.8846**	**0.8846**	**0.0000**	**2,018.0224**	**2,018.0224**	**0.3879**		**2,027.7210**

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	0.1197	3.8575	0.8665	9.7600e-003	0.4887	0.0142	0.5029	0.1262	0.0136	0.1398		1,056.2417	1,056.2417	0.0768		1,058.1622
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	0.2769	0.2033	2.2124	5.7400e-003	0.5589	4.8200e-003	0.5637	0.1482	4.4400e-003	0.1527		571.0654	571.0654	0.0197		571.5565
Total	**0.3966**	**4.0607**	**3.0788**	**0.0155**	**1.0476**	**0.0191**	**1.0666**	**0.2744**	**0.0181**	**0.2925**		**1,627.3072**	**1,627.3072**	**0.0965**		**1,629.7187**

3.8 Building Construction for New Auditorium - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0305	14.7882	13.1881	0.0220		0.7960	0.7960		0.7688	0.7688		2,001.1595	2,001.1595	0.3715		2,010.4467
Total	**2.0305**	**14.7882**	**13.1881**	**0.0220**		**0.7960**	**0.7960**		**0.7688**	**0.7688**		**2,001.1595**	**2,001.1595**	**0.3715**		**2,010.4467**

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	0.1112	3.6200	0.8416	9.6500e-003	0.3168	0.0116	0.3284	0.0840	0.0111	0.0951		1,045.3598	1,045.3598	0.0750		1,047.2356
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	0.2555	0.1812	2.0051	5.5600e-003	0.5589	4.6700e-003	0.5636	0.1482	4.3000e-003	0.1525		553.7102	553.7102	0.0175		554.1465
Total	**0.3667**	**3.8012**	**2.8467**	**0.0152**	**0.8757**	**0.0163**	**0.8919**	**0.2322**	**0.0154**	**0.2476**		**1,599.0700**	**1,599.0700**	**0.0925**		**1,601.3821**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0305	14.7882	13.1881	0.0220		0.7960	0.7960		0.7688	0.7688	0.0000	2,001.1595	2,001.1595	0.3715		2,010.4467
Total	**2.0305**	**14.7882**	**13.1881**	**0.0220**		**0.7960**	**0.7960**		**0.7688**	**0.7688**	**0.0000**	**2,001.1595**	**2,001.1595**	**0.3715**		**2,010.4467**

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	0.1112	3.6200	0.8416	9.6500e-003	0.3168	0.0116	0.3284	0.0840	0.0111	0.0951		1,045.3598	1,045.3598	0.0750		1,047.2356
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	0.2555	0.1812	2.0051	5.5600e-003	0.5589	4.6700e-003	0.5636	0.1482	4.3000e-003	0.1525		553.7102	553.7102	0.0175		554.1465
Total	**0.3667**	**3.8012**	**2.8467**	**0.0152**	**0.8757**	**0.0163**	**0.8919**	**0.2322**	**0.0154**	**0.2476**		**1,599.0700**	**1,599.0700**	**0.0925**		**1,601.3821**

3.9 Site Preparation for Rehearsal Rooms - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.3175	0.0000	5.3175	2.9017	0.0000	2.9017			0.0000			0.0000
Off-Road	1.6299	18.3464	7.7093	0.0172		0.8210	0.8210		0.7553	0.7553		1,667.4119	1,667.4119	0.5393		1,680.8937
Total	**1.6299**	**18.3464**	**7.7093**	**0.0172**	**5.3175**	**0.8210**	**6.1385**	**2.9017**	**0.7553**	**3.6569**		**1,667.4119**	**1,667.4119**	**0.5393**		**1,680.8937**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4718	15.3575	3.5704	0.0409	0.9219	0.0491	0.9710	0.2527	0.0470	0.2997		4,434.8596	4,434.8596	0.3183		4,442.8177
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	0.1022	0.0725	0.8020	2.2200e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		221.4841	221.4841	6.9800e-003		221.6586
Total	**0.5740**	**15.4300**	**4.3725**	**0.0432**	**1.1455**	**0.0510**	**1.1965**	**0.3120**	**0.0487**	**0.3607**		**4,656.3437**	**4,656.3437**	**0.3253**		**4,664.4763**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0738	0.0000	2.0738	1.1317	0.0000	1.1317			0.0000			0.0000
Off-Road	1.6299	18.3464	7.7093	0.0172		0.8210	0.8210		0.7553	0.7553	0.0000	1,667.4119	1,667.4119	0.5393		1,680.8937
Total	**1.6299**	**18.3464**	**7.7093**	**0.0172**	**2.0738**	**0.8210**	**2.8948**	**1.1317**	**0.7553**	**1.8869**	**0.0000**	**1,667.4119**	**1,667.4119**	**0.5393**		**1,680.8937**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4718	15.3575	3.5704	0.0409	0.9219	0.0491	0.9710	0.2527	0.0470	0.2997		4,434.8596	4,434.8596	0.3183		4,442.8177
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	0.1022	0.0725	0.8020	2.2200e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		221.4841	221.4841	6.9800e-003		221.6586
Total	**0.5740**	**15.4300**	**4.3725**	**0.0432**	**1.1455**	**0.0510**	**1.1965**	**0.3120**	**0.0487**	**0.3607**		**4,656.3437**	**4,656.3437**	**0.3253**		**4,664.4763**

3.10 Trenching for Rehearsal Rooms - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.3175	0.0000	5.3175	2.9017	0.0000	2.9017			0.0000			0.0000
Off-Road	1.6299	18.3464	7.7093	0.0172		0.8210	0.8210		0.7553	0.7553		1,667.4119	1,667.4119	0.5393		1,680.8937
Total	**1.6299**	**18.3464**	**7.7093**	**0.0172**	**5.3175**	**0.8210**	**6.1385**	**2.9017**	**0.7553**	**3.6569**		**1,667.4119**	**1,667.4119**	**0.5393**		**1,680.8937**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2359	7.6787	1.7852	0.0205	0.4610	0.0246	0.4855	0.1264	0.0235	0.1499		2,217.4298	2,217.4298	0.1592		2,221.4088
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	0.0204	0.0145	0.1604	4.4000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		44.2968	44.2968	1.4000e-003		44.3317
Total	**0.2563**	**7.6932**	**1.9456**	**0.0209**	**0.5057**	**0.0249**	**0.5306**	**0.1382**	**0.0238**	**0.1621**		**2,261.7266**	**2,261.7266**	**0.1606**		**2,265.7406**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0738	0.0000	2.0738	1.1317	0.0000	1.1317			0.0000			0.0000
Off-Road	1.6299	18.3464	7.7093	0.0172		0.8210	0.8210		0.7553	0.7553	0.0000	1,667.4119	1,667.4119	0.5393		1,680.8937
Total	**1.6299**	**18.3464**	**7.7093**	**0.0172**	**2.0738**	**0.8210**	**2.8948**	**1.1317**	**0.7553**	**1.8869**	**0.0000**	**1,667.4119**	**1,667.4119**	**0.5393**		**1,680.8937**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2359	7.6787	1.7852	0.0205	0.4610	0.0246	0.4855	0.1264	0.0235	0.1499		2,217.4298	2,217.4298	0.1592		2,221.4088
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	0.0204	0.0145	0.1604	4.4000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		44.2968	44.2968	1.4000e-003		44.3317
Total	**0.2563**	**7.6932**	**1.9456**	**0.0209**	**0.5057**	**0.0249**	**0.5306**	**0.1382**	**0.0238**	**0.1621**		**2,261.7266**	**2,261.7266**	**0.1606**		**2,265.7406**

3.11 Grading for Rehearsal Rooms - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.5889	0.0000	4.5889	2.4905	0.0000	2.4905			0.0000			0.0000
Off-Road	1.3498	15.0854	6.4543	0.0141		0.6844	0.6844		0.6296	0.6296		1,365.7183	1,365.7183	0.4417		1,376.7609
Total	**1.3498**	**15.0854**	**6.4543**	**0.0141**	**4.5889**	**0.6844**	**5.2733**	**2.4905**	**0.6296**	**3.1201**		**1,365.7183**	**1,365.7183**	**0.4417**		**1,376.7609**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5897	19.1969	4.4631	0.0512	1.1524	0.0614	1.2138	0.3159	0.0588	0.3746		5,543.5745	5,543.5745	0.3979		5,553.5221
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	0.0204	0.0145	0.1604	4.4000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		44.2968	44.2968	1.4000e-003		44.3317
Total	**0.6101**	**19.2114**	**4.6235**	**0.0516**	**1.1971**	**0.0618**	**1.2589**	**0.3278**	**0.0591**	**0.3868**		**5,587.8714**	**5,587.8714**	**0.3993**		**5,597.8538**

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					1.7897	0.0000	1.7897	0.9713	0.0000	0.9713			0.0000			0.0000
Off-Road	1.3498	15.0854	6.4543	0.0141		0.6844	0.6844		0.6296	0.6296	0.0000	1,365.7183	1,365.7183	0.4417		1,376.7609
Total	**1.3498**	**15.0854**	**6.4543**	**0.0141**	**1.7897**	**0.6844**	**2.4740**	**0.9713**	**0.6296**	**1.6009**	**0.0000**	**1,365.7183**	**1,365.7183**	**0.4417**		**1,376.7609**

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	0.5897	19.1969	4.4631	0.0512	1.1524	0.0614	1.2138	0.3159	0.0588	0.3746		5,543.5745	5,543.5745	0.3979		5,553.5221
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	0.0204	0.0145	0.1604	4.4000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		44.2968	44.2968	1.4000e-003		44.3317
Total	**0.6101**	**19.2114**	**4.6235**	**0.0516**	**1.1971**	**0.0618**	**1.2589**	**0.3278**	**0.0591**	**0.3868**		**5,587.8714**	**5,587.8714**	**0.3993**		**5,597.8538**

3.12 Building Construction for Rehearsal Rooms - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0305	14.7882	13.1881	0.0220		0.7960	0.7960		0.7688	0.7688		2,001.1595	2,001.1595	0.3715		2,010.4467
Total	**2.0305**	**14.7882**	**13.1881**	**0.0220**		**0.7960**	**0.7960**		**0.7688**	**0.7688**		**2,001.1595**	**2,001.1595**	**0.3715**		**2,010.4467**

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	0.0590	1.9197	0.4463	5.1200e-003	0.1152	6.1400e-003	0.1214	0.0316	5.8800e-003	0.0375		554.3575	554.3575	0.0398		555.3522
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	0.0204	0.0145	0.1604	4.4000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		44.2968	44.2968	1.4000e-003		44.3317
Total	**0.0794**	**1.9342**	**0.6067**	**5.5600e-003**	**0.1600**	**6.5100e-003**	**0.1665**	**0.0435**	**6.2200e-003**	**0.0497**		**598.6543**	**598.6543**	**0.0412**		**599.6839**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0305	14.7882	13.1881	0.0220		0.7960	0.7960		0.7688	0.7688	0.0000	2,001.1595	2,001.1595	0.3715		2,010.4467
Total	**2.0305**	**14.7882**	**13.1881**	**0.0220**		**0.7960**	**0.7960**		**0.7688**	**0.7688**	**0.0000**	**2,001.1595**	**2,001.1595**	**0.3715**		**2,010.4467**

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	0.0590	1.9197	0.4463	5.1200e-003	0.1152	6.1400e-003	0.1214	0.0316	5.8800e-003	0.0375		554.3575	554.3575	0.0398		555.3522
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	0.0204	0.0145	0.1604	4.4000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		44.2968	44.2968	1.4000e-003		44.3317
Total	**0.0794**	**1.9342**	**0.6067**	**5.5600e-003**	**0.1600**	**6.5100e-003**	**0.1665**	**0.0435**	**6.2200e-003**	**0.0497**		**598.6543**	**598.6543**	**0.0412**		**599.6839**

3.13 Architectural Coating for New Auditorium - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.0167					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928
Total	**2.2588**	**1.6838**	**1.8314**	**2.9700e-003**		**0.1109**	**0.1109**		**0.1109**	**0.1109**		**281.4481**	**281.4481**	**0.0218**		**281.9928**

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	0.0393	1.2798	0.2975	3.4100e-003	0.0768	4.0900e-003	0.0809	0.0211	3.9200e-003	0.0250		369.5716	369.5716	0.0265		370.2348
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	0.0613	0.0435	0.4812	1.3300e-003	0.1341	1.1200e-003	0.1353	0.0356	1.0300e-003	0.0366		132.8905	132.8905	4.1900e-003		132.9952
Total	**0.1006**	**1.3233**	**0.7788**	**4.7400e-003**	**0.2110**	**5.2100e-003**	**0.2162**	**0.0566**	**4.9500e-003**	**0.0616**		**502.4621**	**502.4621**	**0.0307**		**503.2300**

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	2.0167					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218		281.9928
Total	**2.2588**	**1.6838**	**1.8314**	**2.9700e-003**		**0.1109**	**0.1109**		**0.1109**	**0.1109**	**0.0000**	**281.4481**	**281.4481**	**0.0218**		**281.9928**

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	0.0393	1.2798	0.2975	3.4100e-003	0.0768	4.0900e-003	0.0809	0.0211	3.9200e-003	0.0250		369.5716	369.5716	0.0265		370.2348
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	0.0613	0.0435	0.4812	1.3300e-003	0.1341	1.1200e-003	0.1353	0.0356	1.0300e-003	0.0366		132.8905	132.8905	4.1900e-003		132.9952
Total	**0.1006**	**1.3233**	**0.7788**	**4.7400e-003**	**0.2110**	**5.2100e-003**	**0.2162**	**0.0566**	**4.9500e-003**	**0.0616**		**502.4621**	**502.4621**	**0.0307**		**503.2300**

3.14 Demolition for Music Building - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0848	0.0000	0.0848	0.0128	0.0000	0.0128			0.0000			0.0000
Off-Road	2.1262	20.9463	14.6573	0.0241		1.1525	1.1525		1.0761	1.0761		2,322.3127	2,322.3127	0.5970		2,337.2363
Total	**2.1262**	**20.9463**	**14.6573**	**0.0241**	**0.0848**	**1.1525**	**1.2373**	**0.0128**	**1.0761**	**1.0890**		**2,322.3127**	**2,322.3127**	**0.5970**		**2,337.2363**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0798	2.5990	0.6042	6.9300e-003	0.1560	8.3100e-003	0.1643	0.0428	7.9500e-003	0.0507		750.5147	750.5147	0.0539		751.8615
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	0.0204	0.0145	0.1604	4.4000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		44.2968	44.2968	1.4000e-003		44.3317
Total	**0.1003**	**2.6135**	**0.7646**	**7.3700e-003**	**0.2007**	**8.6800e-003**	**0.2094**	**0.0546**	**8.2900e-003**	**0.0629**		**794.8115**	**794.8115**	**0.0553**		**796.1932**

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					0.0331	0.0000	0.0331	5.0100e-003	0.0000	5.0100e-003			0.0000			0.0000
Off-Road	2.1262	20.9463	14.6573	0.0241		1.1525	1.1525		1.0761	1.0761	0.0000	2,322.3127	2,322.3127	0.5970		2,337.2363
Total	**2.1262**	**20.9463**	**14.6573**	**0.0241**	**0.0331**	**1.1525**	**1.1856**	**5.0100e-003**	**1.0761**	**1.0812**	**0.0000**	**2,322.3127**	**2,322.3127**	**0.5970**		**2,337.2363**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0798	2.5990	0.6042	6.9300e-003	0.1560	8.3100e-003	0.1643	0.0428	7.9500e-003	0.0507		750.5147	750.5147	0.0539		751.8615
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	0.0204	0.0145	0.1604	4.4000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		44.2968	44.2968	1.4000e-003		44.3317
Total	**0.1003**	**2.6135**	**0.7646**	**7.3700e-003**	**0.2007**	**8.6800e-003**	**0.2094**	**0.0546**	**8.2900e-003**	**0.0629**		**794.8115**	**794.8115**	**0.0553**		**796.1932**

3.15 Architectural Coating for Rehearsal Rooms - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.0999					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928
Total	**12.3421**	**1.6838**	**1.8314**	**2.9700e-003**		**0.1109**	**0.1109**		**0.1109**	**0.1109**		**281.4481**	**281.4481**	**0.0218**		**281.9928**

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	0.7076	23.0362	5.3557	0.0614	1.3829	0.0737	1.4566	0.3791	0.0705	0.4496		6,652.2894	6,652.2894	0.4775		6,664.2265
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	0.0409	0.0290	0.3208	8.9000e-004	0.0894	7.5000e-004	0.0902	0.0237	6.9000e-004	0.0244		88.5936	88.5936	2.7900e-003		88.6634
Total	**0.7485**	**23.0652**	**5.6765**	**0.0623**	**1.4723**	**0.0745**	**1.5467**	**0.4028**	**0.0712**	**0.4740**		**6,740.8831**	**6,740.8831**	**0.4803**		**6,752.8900**

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	12.0999					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218		281.9928
Total	**12.3421**	**1.6838**	**1.8314**	**2.9700e-003**		**0.1109**	**0.1109**		**0.1109**	**0.1109**	**0.0000**	**281.4481**	**281.4481**	**0.0218**		**281.9928**

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	0.7076	23.0362	5.3557	0.0614	1.3829	0.0737	1.4566	0.3791	0.0705	0.4496		6,652.2894	6,652.2894	0.4775		6,664.2265
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	0.0409	0.0290	0.3208	8.9000e-004	0.0894	7.5000e-004	0.0902	0.0237	6.9000e-004	0.0244		88.5936	88.5936	2.7900e-003		88.6634
Total	**0.7485**	**23.0652**	**5.6765**	**0.0623**	**1.4723**	**0.0745**	**1.5467**	**0.4028**	**0.0712**	**0.4740**		**6,740.8831**	**6,740.8831**	**0.4803**		**6,752.8900**

3.16 Site Preparation for Music Building - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.2929	0.0000	5.2929	2.8990	0.0000	2.8990			0.0000			0.0000
Off-Road	1.6299	18.3464	7.7093	0.0172		0.8210	0.8210		0.7553	0.7553		1,667.4119	1,667.4119	0.5393		1,680.8937
Total	**1.6299**	**18.3464**	**7.7093**	**0.0172**	**5.2929**	**0.8210**	**6.1138**	**2.8990**	**0.7553**	**3.6543**		**1,667.4119**	**1,667.4119**	**0.5393**		**1,680.8937**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1730	5.6311	1.3092	0.0150	0.3438	0.0180	0.3619	0.0941	0.0172	0.1113		1,626.1152	1,626.1152	0.1167		1,629.0332
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	0.0204	0.0145	0.1604	4.4000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		44.2968	44.2968	1.4000e-003		44.3317
Total	**0.1934**	**5.6456**	**1.4696**	**0.0155**	**0.3886**	**0.0184**	**0.4069**	**0.1060**	**0.0176**	**0.1235**		**1,670.4120**	**1,670.4120**	**0.1181**		**1,673.3649**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0642	0.0000	2.0642	1.1306	0.0000	1.1306			0.0000			0.0000
Off-Road	1.6299	18.3464	7.7093	0.0172		0.8210	0.8210		0.7553	0.7553	0.0000	1,667.4119	1,667.4119	0.5393		1,680.8937
Total	**1.6299**	**18.3464**	**7.7093**	**0.0172**	**2.0642**	**0.8210**	**2.8852**	**1.1306**	**0.7553**	**1.8859**	**0.0000**	**1,667.4119**	**1,667.4119**	**0.5393**		**1,680.8937**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1730	5.6311	1.3092	0.0150	0.3438	0.0180	0.3619	0.0941	0.0172	0.1113		1,626.1152	1,626.1152	0.1167		1,629.0332
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	0.0204	0.0145	0.1604	4.4000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		44.2968	44.2968	1.4000e-003		44.3317
Total	**0.1934**	**5.6456**	**1.4696**	**0.0155**	**0.3886**	**0.0184**	**0.4069**	**0.1060**	**0.0176**	**0.1235**		**1,670.4120**	**1,670.4120**	**0.1181**		**1,673.3649**

3.16 Site Preparation for Music Building - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.2929	0.0000	5.2929	2.8990	0.0000	2.8990			0.0000			0.0000
Off-Road	1.5558	17.4203	7.5605	0.0172		0.7654	0.7654		0.7041	0.7041		1,666.5174	1,666.5174	0.5390		1,679.9920
Total	**1.5558**	**17.4203**	**7.5605**	**0.0172**	**5.2929**	**0.7654**	**6.0583**	**2.8990**	**0.7041**	**3.6031**		**1,666.5174**	**1,666.5174**	**0.5390**		**1,679.9920**

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	0.1651	5.2496	1.2894	0.0148	11.5848	0.0162	11.6010	2.8532	0.0155	2.8687		1,608.1140	1,608.1140	0.1150		1,610.9883
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	0.0191	0.0131	0.1473	4.3000e-004	0.0447	3.6000e-004	0.0451	0.0119	3.3000e-004	0.0122		42.8900	42.8900	1.2600e-003		42.9216
Total	**0.1842**	**5.2626**	**1.4367**	**0.0153**	**11.6295**	**0.0165**	**11.6460**	**2.8651**	**0.0158**	**2.8809**		**1,651.0040**	**1,651.0040**	**0.1162**		**1,653.9099**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0642	0.0000	2.0642	1.1306	0.0000	1.1306			0.0000			0.0000
Off-Road	1.5558	17.4203	7.5605	0.0172		0.7654	0.7654		0.7041	0.7041	0.0000	1,666.5174	1,666.5174	0.5390		1,679.9920
Total	**1.5558**	**17.4203**	**7.5605**	**0.0172**	**2.0642**	**0.7654**	**2.8296**	**1.1306**	**0.7041**	**1.8348**	**0.0000**	**1,666.5174**	**1,666.5174**	**0.5390**		**1,679.9920**

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	0.1651	5.2496	1.2894	0.0148	11.5848	0.0162	11.6010	2.8532	0.0155	2.8687		1,608.1140	1,608.1140	0.1150		1,610.9883
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	0.0191	0.0131	0.1473	4.3000e-004	0.0447	3.6000e-004	0.0451	0.0119	3.3000e-004	0.0122		42.8900	42.8900	1.2600e-003		42.9216
Total	**0.1842**	**5.2626**	**1.4367**	**0.0153**	**11.6295**	**0.0165**	**11.6460**	**2.8651**	**0.0158**	**2.8809**		**1,651.0040**	**1,651.0040**	**0.1162**		**1,653.9099**

3.17 Trenching for Music Building - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.2929	0.0000	5.2929	2.8990	0.0000	2.8990			0.0000			0.0000
Off-Road	1.6299	18.3464	7.7093	0.0172		0.8210	0.8210		0.7553	0.7553		1,667.4119	1,667.4119	0.5393		1,680.8937
Total	**1.6299**	**18.3464**	**7.7093**	**0.0172**	**5.2929**	**0.8210**	**6.1138**	**2.8990**	**0.7553**	**3.6543**		**1,667.4119**	**1,667.4119**	**0.5393**		**1,680.8937**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3460	11.2622	2.6183	0.0300	0.6877	0.0360	0.7237	0.1882	0.0345	0.2226		3,252.2304	3,252.2304	0.2334		3,258.0663
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	0.0204	0.0145	0.1604	4.4000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		44.2968	44.2968	1.4000e-003		44.3317
Total	**0.3664**	**11.2767**	**2.7787**	**0.0305**	**0.7324**	**0.0364**	**0.7688**	**0.2000**	**0.0348**	**0.2348**		**3,296.5272**	**3,296.5272**	**0.2348**		**3,302.3980**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0642	0.0000	2.0642	1.1306	0.0000	1.1306			0.0000			0.0000
Off-Road	1.6299	18.3464	7.7093	0.0172		0.8210	0.8210		0.7553	0.7553	0.0000	1,667.4119	1,667.4119	0.5393		1,680.8937
Total	**1.6299**	**18.3464**	**7.7093**	**0.0172**	**2.0642**	**0.8210**	**2.8852**	**1.1306**	**0.7553**	**1.8859**	**0.0000**	**1,667.4119**	**1,667.4119**	**0.5393**		**1,680.8937**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3460	11.2622	2.6183	0.0300	0.6877	0.0360	0.7237	0.1882	0.0345	0.2226		3,252.2304	3,252.2304	0.2334		3,258.0663
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	0.0204	0.0145	0.1604	4.4000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		44.2968	44.2968	1.4000e-003		44.3317
Total	**0.3664**	**11.2767**	**2.7787**	**0.0305**	**0.7324**	**0.0364**	**0.7688**	**0.2000**	**0.0348**	**0.2348**		**3,296.5272**	**3,296.5272**	**0.2348**		**3,302.3980**

3.17 Trenching for Music Building - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.2929	0.0000	5.2929	2.8990	0.0000	2.8990			0.0000			0.0000
Off-Road	1.5558	17.4203	7.5605	0.0172		0.7654	0.7654		0.7041	0.7041		1,666.5174	1,666.5174	0.5390		1,679.9920
Total	**1.5558**	**17.4203**	**7.5605**	**0.0172**	**5.2929**	**0.7654**	**6.0583**	**2.8990**	**0.7041**	**3.6031**		**1,666.5174**	**1,666.5174**	**0.5390**		**1,679.9920**

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	0.3302	10.4991	2.5788	0.0296	23.1696	0.0323	23.2020	5.7065	0.0309	5.7374		3,216.2280	3,216.2280	0.2299		3,221.9766
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	0.0191	0.0131	0.1473	4.3000e-004	0.0447	3.6000e-004	0.0451	0.0119	3.3000e-004	0.0122		42.8900	42.8900	1.2600e-003		42.9216
Total	**0.3492**	**10.5122**	**2.7261**	**0.0301**	**23.2143**	**0.0327**	**23.2470**	**5.7183**	**0.0313**	**5.7496**		**3,259.1180**	**3,259.1180**	**0.2312**		**3,264.8982**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0642	0.0000	2.0642	1.1306	0.0000	1.1306			0.0000			0.0000
Off-Road	1.5558	17.4203	7.5605	0.0172		0.7654	0.7654		0.7041	0.7041	0.0000	1,666.5174	1,666.5174	0.5390		1,679.9920
Total	**1.5558**	**17.4203**	**7.5605**	**0.0172**	**2.0642**	**0.7654**	**2.8296**	**1.1306**	**0.7041**	**1.8348**	**0.0000**	**1,666.5174**	**1,666.5174**	**0.5390**		**1,679.9920**

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	0.3302	10.4991	2.5788	0.0296	23.1696	0.0323	23.2020	5.7065	0.0309	5.7374		3,216.2280	3,216.2280	0.2299		3,221.9766
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	0.0191	0.0131	0.1473	4.3000e-004	0.0447	3.6000e-004	0.0451	0.0119	3.3000e-004	0.0122		42.8900	42.8900	1.2600e-003		42.9216
Total	**0.3492**	**10.5122**	**2.7261**	**0.0301**	**23.2143**	**0.0327**	**23.2470**	**5.7183**	**0.0313**	**5.7496**		**3,259.1180**	**3,259.1180**	**0.2312**		**3,264.8982**

3.18 Grading for Music Building - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.5519	0.0000	4.5519	2.4865	0.0000	2.4865			0.0000			0.0000
Off-Road	1.3498	15.0854	6.4543	0.0141		0.6844	0.6844		0.6296	0.6296		1,365.7183	1,365.7183	0.4417		1,376.7609
Total	**1.3498**	**15.0854**	**6.4543**	**0.0141**	**4.5519**	**0.6844**	**5.2363**	**2.4865**	**0.6296**	**3.1161**		**1,365.7183**	**1,365.7183**	**0.4417**		**1,376.7609**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1153	3.7541	0.8728	0.0100	0.2292	0.0120	0.2412	0.0627	0.0115	0.0742		1,084.0768	1,084.0768	0.0778		1,086.0221
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	0.0204	0.0145	0.1604	4.4000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		44.2968	44.2968	1.4000e-003		44.3317
Total	**0.1358**	**3.7686**	**1.0332**	**0.0104**	**0.2739**	**0.0124**	**0.2863**	**0.0746**	**0.0118**	**0.0864**		**1,128.3736**	**1,128.3736**	**0.0792**		**1,130.3538**

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					1.7753	0.0000	1.7753	0.9697	0.0000	0.9697			0.0000			0.0000
Off-Road	1.3498	15.0854	6.4543	0.0141		0.6844	0.6844		0.6296	0.6296	0.0000	1,365.7183	1,365.7183	0.4417		1,376.7609
Total	**1.3498**	**15.0854**	**6.4543**	**0.0141**	**1.7753**	**0.6844**	**2.4596**	**0.9697**	**0.6296**	**1.5994**	**0.0000**	**1,365.7183**	**1,365.7183**	**0.4417**		**1,376.7609**

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	0.1153	3.7541	0.8728	0.0100	0.2292	0.0120	0.2412	0.0627	0.0115	0.0742		1,084.0768	1,084.0768	0.0778		1,086.0221
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	0.0204	0.0145	0.1604	4.4000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		44.2968	44.2968	1.4000e-003		44.3317
Total	**0.1358**	**3.7686**	**1.0332**	**0.0104**	**0.2739**	**0.0124**	**0.2863**	**0.0746**	**0.0118**	**0.0864**		**1,128.3736**	**1,128.3736**	**0.0792**		**1,130.3538**

3.18 Grading for Music Building - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.5519	0.0000	4.5519	2.4865	0.0000	2.4865			0.0000			0.0000
Off-Road	1.2884	14.3307	6.3314	0.0141		0.6379	0.6379		0.5869	0.5869		1,365.0648	1,365.0648	0.4415		1,376.1020
Total	**1.2884**	**14.3307**	**6.3314**	**0.0141**	**4.5519**	**0.6379**	**5.1898**	**2.4865**	**0.5869**	**3.0734**		**1,365.0648**	**1,365.0648**	**0.4415**		**1,376.1020**

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	0.1101	3.4997	0.8596	9.8800e-003	7.7232	0.0108	7.7340	1.9022	0.0103	1.9125		1,072.0760	1,072.0760	0.0767		1,073.9922
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	0.0191	0.0131	0.1473	4.3000e-004	0.0447	3.6000e-004	0.0451	0.0119	3.3000e-004	0.0122		42.8900	42.8900	1.2600e-003		42.9216
Total	**0.1291**	**3.5128**	**1.0069**	**0.0103**	**7.7679**	**0.0111**	**7.7791**	**1.9140**	**0.0106**	**1.9247**		**1,114.9660**	**1,114.9660**	**0.0779**		**1,116.9138**

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					1.7753	0.0000	1.7753	0.9697	0.0000	0.9697			0.0000			0.0000
Off-Road	1.2884	14.3307	6.3314	0.0141		0.6379	0.6379		0.5869	0.5869	0.0000	1,365.0648	1,365.0648	0.4415		1,376.1020
Total	**1.2884**	**14.3307**	**6.3314**	**0.0141**	**1.7753**	**0.6379**	**2.4132**	**0.9697**	**0.5869**	**1.5566**	**0.0000**	**1,365.0648**	**1,365.0648**	**0.4415**		**1,376.1020**

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	0.1101	3.4997	0.8596	9.8800e-003	7.7232	0.0108	7.7340	1.9022	0.0103	1.9125		1,072.0760	1,072.0760	0.0767		1,073.9922
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	0.0191	0.0131	0.1473	4.3000e-004	0.0447	3.6000e-004	0.0451	0.0119	3.3000e-004	0.0122		42.8900	42.8900	1.2600e-003		42.9216
Total	**0.1291**	**3.5128**	**1.0069**	**0.0103**	**7.7679**	**0.0111**	**7.7791**	**1.9140**	**0.0106**	**1.9247**		**1,114.9660**	**1,114.9660**	**0.0779**		**1,116.9138**

3.19 Building Construction for Music Building - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8125	13.6361	12.8994	0.0221		0.6843	0.6843		0.6608	0.6608		2,001.2200	2,001.2200	0.3573		2,010.1517
Total	**1.8125**	**13.6361**	**12.8994**	**0.0221**		**0.6843**	**0.6843**		**0.6608**	**0.6608**		**2,001.2200**	**2,001.2200**	**0.3573**		**2,010.1517**

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	0.0758	2.4105	0.5921	6.8100e-003	0.1552	7.4200e-003	0.1627	0.0426	7.1000e-003	0.0497		738.4197	738.4197	0.0528		739.7395
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	0.1907	0.1305	1.4730	4.3000e-003	0.4471	3.6100e-003	0.4507	0.1186	3.3300e-003	0.1219		428.9004	428.9004	0.0126		429.2160
Total	**0.2665**	**2.5410**	**2.0651**	**0.0111**	**0.6023**	**0.0110**	**0.6134**	**0.1611**	**0.0104**	**0.1716**		**1,167.3201**	**1,167.3201**	**0.0654**		**1,168.9555**

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	1.8125	13.6361	12.8994	0.0221		0.6843	0.6843		0.6608	0.6608	0.0000	2,001.2200	2,001.2200	0.3573		2,010.1517
Total	**1.8125**	**13.6361**	**12.8994**	**0.0221**		**0.6843**	**0.6843**		**0.6608**	**0.6608**	**0.0000**	**2,001.2200**	**2,001.2200**	**0.3573**		**2,010.1517**

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	0.0758	2.4105	0.5921	6.8100e-003	0.1552	7.4200e-003	0.1627	0.0426	7.1000e-003	0.0497		738.4197	738.4197	0.0528		739.7395
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	0.1907	0.1305	1.4730	4.3000e-003	0.4471	3.6100e-003	0.4507	0.1186	3.3300e-003	0.1219		428.9004	428.9004	0.0126		429.2160
Total	**0.2665**	**2.5410**	**2.0651**	**0.0111**	**0.6023**	**0.0110**	**0.6134**	**0.1611**	**0.0104**	**0.1716**		**1,167.3201**	**1,167.3201**	**0.0654**		**1,168.9555**

3.20 Architectural Coating for Music Building - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.0250					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	**3.2439**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**		**281.4481**	**281.4481**	**0.0193**		**281.9309**

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	0.0844	2.6844	0.6594	7.5800e-003	0.2164	8.2600e-003	0.2247	0.0581	7.9100e-003	0.0660		822.3310	822.3310	0.0588		823.8008
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	0.0954	0.0652	0.7365	2.1500e-003	0.2236	1.8100e-003	0.2254	0.0593	1.6600e-003	0.0610		214.4502	214.4502	6.3100e-003		214.6080
Total	**0.1798**	**2.7497**	**1.3959**	**9.7300e-003**	**0.4400**	**0.0101**	**0.4501**	**0.1174**	**9.5700e-003**	**0.1269**		**1,036.7812**	**1,036.7812**	**0.0651**		**1,038.4088**

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	3.0250					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
Total	**3.2439**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**	**0.0000**	**281.4481**	**281.4481**	**0.0193**		**281.9309**

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	0.0844	2.6844	0.6594	7.5800e-003	0.2164	8.2600e-003	0.2247	0.0581	7.9100e-003	0.0660		822.3310	822.3310	0.0588		823.8008
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	0.0954	0.0652	0.7365	2.1500e-003	0.2236	1.8100e-003	0.2254	0.0593	1.6600e-003	0.0610		214.4502	214.4502	6.3100e-003		214.6080
Total	**0.1798**	**2.7497**	**1.3959**	**9.7300e-003**	**0.4400**	**0.0101**	**0.4501**	**0.1174**	**9.5700e-003**	**0.1269**		**1,036.7812**	**1,036.7812**	**0.0651**		**1,038.4088**

3.20 Architectural Coating for Music Building - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.0250					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	**3.2295**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**		**281.4481**	**281.4481**	**0.0183**		**281.9062**

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	0.0803	2.4917	0.6513	7.4800e-003	0.5650	7.1800e-003	0.5722	0.1436	6.8700e-003	0.1505		812.4779	812.4779	0.0579		813.9241
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	0.0896	0.0589	0.6784	2.0800e-003	0.2236	1.7500e-003	0.2253	0.0593	1.6100e-003	0.0609		206.9139	206.9139	5.7000e-003		207.0563
Total	**0.1699**	**2.5506**	**1.3296**	**9.5600e-003**	**0.7886**	**8.9300e-003**	**0.7975**	**0.2029**	**8.4800e-003**	**0.2114**		**1,019.3918**	**1,019.3918**	**0.0636**		**1,020.9804**

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	3.0250					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	**3.2295**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**	**0.0000**	**281.4481**	**281.4481**	**0.0183**		**281.9062**

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	0.0803	2.4917	0.6513	7.4800e-003	0.5650	7.1800e-003	0.5722	0.1436	6.8700e-003	0.1505		812.4779	812.4779	0.0579		813.9241
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	0.0896	0.0589	0.6784	2.0800e-003	0.2236	1.7500e-003	0.2253	0.0593	1.6100e-003	0.0609		206.9139	206.9139	5.7000e-003		207.0563
Total	**0.1699**	**2.5506**	**1.3296**	**9.5600e-003**	**0.7886**	**8.9300e-003**	**0.7975**	**0.2029**	**8.4800e-003**	**0.2114**		**1,019.3918**	**1,019.3918**	**0.0636**		**1,020.9804**

CalEEMod Version: CalEEMod.2016.3.2

Date: 1/25/2018 9:38 PM

Santa Monica Malibu USD JAMS - Los Angeles-South Coast County, Summer

Santa Monica Malibu USD JAMS

Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Junior High School	8.72	1000sqft	0.00	8,716.00	0
Arena	20.00	1000sqft	1.07	20,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2023
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Land Use - Acreage represents total site.

Off-road Equipment - Applicant provided information

Vehicle Trips - Construction Emissions Only

Construction Off-road Equipment Mitigation -

Trips and VMT - Transpo 2018

Energy Use - Construction Emissions Only

Water And Wastewater - Construction Emissions Only

Solid Waste - Construction Emissions Only

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tblGrading	AcresOfGrading	11.00	1.00
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tblTripsAndVMT	HaulingTripNumber	0.00	1,740.00
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tblTripsAndVMT	HaulingTripNumber	0.00	2,900.00
tblTripsAndVMT	HaulingTripNumber	0.00	1,450.00

tblTripsAndVMT	HaulingTripNumber	0.00	580.00
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tblWater	IndoorWaterUseRate	179,815.16	0.00
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tblWater	OutdoorWaterUseRate	462,381.84	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					
2018	2.7896	32.9146	17.3051	0.0465	0.7636	1.4696	2.2332	0.1823	1.3746	1.5570	0.0000	4,799.8995	4,799.8995	0.7685	0.0000	4,819.1110
2019	11.5359	143.9037	65.3896	0.2503	19.5609	4.5486	24.1095	9.4806	4.2763	13.7570	0.0000	25,824.7112	25,824.7112	3.4317	0.0000	25,910.5050
2020	19.7512	131.7719	64.9269	0.2397	19.3188	4.1925	23.5112	9.4040	3.9447	13.3487	0.0000	24,503.2115	24,503.2115	3.3009	0.0000	24,585.7350
2021	7.1005	84.3574	41.4632	0.1387	58.3518	2.9234	61.2752	18.9430	2.7231	21.6661	0.0000	14,043.2804	14,043.2804	2.3524	0.0000	14,102.0899
2022	3.3883	3.9253	3.1723	0.0128	0.7886	0.0905	0.8791	0.2029	0.0901	0.2930	0.0000	1,328.1205	1,328.1205	0.0803	0.0000	1,330.1287
Maximum	**19.7512**	**143.9037**	**65.3896**	**0.2503**	**58.3518**	**4.5486**	**61.2752**	**18.9430**	**4.2763**	**21.6661**	**0.0000**	**25,824.7112**	**25,824.7112**	**3.4317**	**0.0000**	**25,910.5050**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	2.7896	32.9146	17.3051	0.0465	0.6335	1.4696	2.1032	0.1626	1.3746	1.5373	0.0000	4,799.8995	4,799.8995	0.7685	0.0000	4,819.1110
2019	11.5359	143.9037	65.3896	0.2503	10.3257	4.5486	14.8743	4.4270	4.2763	8.7034	0.0000	25,824.7111	25,824.7111	3.4317	0.0000	25,910.5050
2020	19.7512	131.7719	64.9269	0.2397	10.0322	4.1925	14.2246	4.3448	3.9447	8.2896	0.0000	24,503.2115	24,503.2115	3.3009	0.0000	24,585.7350
2021	7.1005	84.3574	41.4632	0.1387	49.1178	2.9234	52.0412	13.8895	2.7231	16.6126	0.0000	14,043.2804	14,043.2804	2.3524	0.0000	14,102.0898
2022	3.3883	3.9253	3.1723	0.0128	0.7886	0.0905	0.8791	0.2029	0.0901	0.2930	0.0000	1,328.1205	1,328.1205	0.0803	0.0000	1,330.1287
Maximum	**19.7512**	**143.9037**	**65.3896**	**0.2503**	**49.1178**	**4.5486**	**52.0412**	**13.8895**	**4.2763**	**16.6126**	**0.0000**	**25,824.7111**	**25,824.7111**	**3.4317**	**0.0000**	**25,910.5050**

	ROG	**NOx**	**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**	**28.23**	**0.00**	**24.90**	**39.74**	**0.00**	**30.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition for New Auditorium	Demolition	6/1/2018	9/1/2018	5	66	
2	Remodel of Building J	Building Construction	6/1/2019	9/1/2019	5	65	
3	Site Preparation for New Auditorium	Site Preparation	8/1/2019	10/1/2019	5	44	
4	Trenching for New Auditorium	Site Preparation	8/1/2019	10/1/2019	5	44	
5	Grading for New Auditorium	Grading	8/1/2019	10/1/2019	5	44	
6	Remodel of Building J Architectural Coating	Building Construction	9/1/2019	12/13/2019	5	75	
7	Building Construction for New Auditorium	Building Construction	10/1/2019	6/1/2020	5	175	
8	Site Preparation for Rehearsal Rooms	Site Preparation	5/1/2020	6/1/2020	5	22	
9	Trenching for Rehearsal Rooms	Site Preparation	5/1/2020	6/1/2020	5	22	
10	Grading for Rehearsal Rooms	Grading	5/1/2020	6/1/2020	5	22	
11	Building Construction for Rehearsal Rooms	Building Construction	5/1/2020	9/1/2020	5	88	
12	Architectural Coating for New Auditorium	Architectural Coating	6/1/2020	12/1/2020	5	132	
13	Demolition for Music Building	Demolition	8/1/2020	11/1/2020	5	65	
14	Architectural Coating for Rehearsal Rooms	Architectural Coating	8/1/2020	9/1/2020	5	22	
15	Site Preparation for Music Building	Site Preparation	11/1/2020	1/1/2021	5	45	
16	Trenching for Music Building	Site Preparation	11/1/2020	1/1/2021	5	45	
17	Grading for Music Building	Grading	11/1/2020	1/1/2021	5	45	
18	Building Construction for Music Building	Building Construction	1/1/2021	10/1/2021	5	196	
19	Architectural Coating for Music Building	Architectural Coating	10/1/2021	2/1/2022	5	88	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 43,074; Non-Residential Outdoor: 14,358; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition for New Auditorium	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition for New Auditorium	Rubber Tired Dozers	1	8.00	247	0.40
Demolition for New Auditorium	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Remodel of Building J	Cranes	1	6.00	231	0.29
Remodel of Building J	Forklifts	1	6.00	89	0.20
Remodel of Building J	Generator Sets	1	8.00	84	0.74
Remodel of Building J	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Remodel of Building J	Welders	3	8.00	46	0.45
Site Preparation for New Auditorium	Graders	1	8.00	187	0.41
Site Preparation for New Auditorium	Rubber Tired Dozers	1	7.00	247	0.40
Site Preparation for New Auditorium	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Trenching for New Auditorium	Graders	1	8.00	187	0.41
Trenching for New Auditorium	Rubber Tired Dozers	1	7.00	247	0.40
Trenching for New Auditorium	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading for New Auditorium	Graders	1	6.00	187	0.41
Grading for New Auditorium	Rubber Tired Dozers	1	6.00	247	0.40
Grading for New Auditorium	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Remodel of Building J Architectural Coating	Cranes	1	6.00	231	0.29
Remodel of Building J Architectural Coating	Forklifts	1	6.00	89	0.20
Remodel of Building J Architectural Coating	Generator Sets	1	8.00	84	0.74
Remodel of Building J Architectural Coating	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Remodel of Building J Architectural Coating	Welders	3	8.00	46	0.45
Building Construction for New Auditorium	Cranes	1	6.00	231	0.29
Building Construction for New Auditorium	Forklifts	1	6.00	89	0.20
Building Construction for New Auditorium	Generator Sets	1	8.00	84	0.74
Building Construction for New Auditorium	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction for New Auditorium	Welders	3	8.00	46	0.45

Site Preparation for Rehearsal Rooms	Graders	1	8.00	187	0.41
Site Preparation for Rehearsal Rooms	Rubber Tired Dozers	1	7.00	247	0.40
Site Preparation for Rehearsal Rooms	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Trenching for Rehearsal Rooms	Graders	1	8.00	187	0.41
Trenching for Rehearsal Rooms	Rubber Tired Dozers	1	7.00	247	0.40
Trenching for Rehearsal Rooms	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading for Rehearsal Rooms	Graders	1	6.00	187	0.41
Grading for Rehearsal Rooms	Rubber Tired Dozers	1	6.00	247	0.40
Grading for Rehearsal Rooms	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Building Construction for Rehearsal Rooms	Cranes	1	6.00	231	0.29
Building Construction for Rehearsal Rooms	Forklifts	1	6.00	89	0.20
Building Construction for Rehearsal Rooms	Generator Sets	1	8.00	84	0.74
Building Construction for Rehearsal Rooms	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction for Rehearsal Rooms	Welders	3	8.00	46	0.45
Architectural Coating for New Auditorium	Air Compressors	1	6.00	78	0.48
Demolition for Music Building	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition for Music Building	Rubber Tired Dozers	1	8.00	247	0.40
Demolition for Music Building	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Architectural Coating for Rehearsal Rooms	Air Compressors	1	6.00	78	0.48
Site Preparation for Music Building	Graders	1	8.00	187	0.41
Site Preparation for Music Building	Rubber Tired Dozers	1	7.00	247	0.40
Site Preparation for Music Building	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Trenching for Music Building	Graders	1	8.00	187	0.41
Trenching for Music Building	Rubber Tired Dozers	1	7.00	247	0.40
Trenching for Music Building	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading for Music Building	Graders	1	6.00	187	0.41
Grading for Music Building	Rubber Tired Dozers	1	6.00	247	0.40
Grading for Music Building	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Building Construction for Music Building	Cranes	1	6.00	231	0.29

Building Construction for Music Building	Forklifts	1	6.00	89	0.20
Building Construction for Music Building	Generator Sets	1	8.00	84	0.74
Building Construction for Music Building	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction for Music Building	Welders	3	8.00	46	0.45
Architectural Coating for Music Building	Air Compressors	1	6.00	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
Demolition for New Auditorium	5	8.00	0.00	1,740.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Remodel of Building J	7	12.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation for New Auditorium	3	8.00	0.00	2,900.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Trenching for New Auditorium	3	8.00	0.00	2,900.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading for New Auditorium	3	8.00	0.00	1,450.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Remodel of Building J Architectural Coating	7	8.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction for New Auditorium	7	50.00	0.00	2,175.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation for Rehearsal Rooms	3	20.00	0.00	1,160.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Trenching for Rehearsal Rooms	3	4.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading for Rehearsal Rooms	3	4.00	0.00	1,450.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction for Rehearsal Rooms	7	4.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating for New Auditorium	1	12.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition for Music Building	5	4.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating for Rehearsal Rooms	1	8.00	0.00	1,740.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation for Music Building	3	4.00	0.00	870.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Trenching for Music Building	3	4.00	0.00	1,740.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading for Music Building	3	4.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction for Music Building	7	40.00	0.00	1,740.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating for Music Building	1	20.00	0.00	870.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition for New Auditorium - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2132	0.0000	0.2132	0.0323	0.0000	0.0323			0.0000			0.0000
Off-Road	2.4838	24.3641	15.1107	0.0241		1.4365	1.4365		1.3429	1.3429		2,391.1659	2,391.1659	0.6058		2,406.3105
Total	**2.4838**	**24.3641**	**15.1107**	**0.0241**	**0.2132**	**1.4365**	**1.6497**	**0.0323**	**1.3429**	**1.3752**		**2,391.1659**	**2,391.1659**	**0.6058**		**2,406.3105**

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	0.2617	8.5172	1.7623	0.0214	0.4609	0.0324	0.4933	0.1263	0.0310	0.1573		2,308.4384	2,308.4384	0.1589		2,312.4113
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	0.0442	0.0334	0.4321	1.0100e-003	0.0894	8.0000e-004	0.0902	0.0237	7.4000e-004	0.0245		100.2952	100.2952	3.7600e-003		100.3892
Total	**0.3059**	**8.5505**	**2.1944**	**0.0224**	**0.5503**	**0.0332**	**0.5835**	**0.1501**	**0.0317**	**0.1818**		**2,408.7336**	**2,408.7336**	**0.1627**		**2,412.8005**

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					0.0832	0.0000	0.0832	0.0126	0.0000	0.0126			0.0000			0.0000
Off-Road	2.4838	24.3641	15.1107	0.0241		1.4365	1.4365		1.3429	1.3429	0.0000	2,391.1659	2,391.1659	0.6058		2,406.3105
Total	**2.4838**	**24.3641**	**15.1107**	**0.0241**	**0.0832**	**1.4365**	**1.5196**	**0.0126**	**1.3429**	**1.3555**	**0.0000**	**2,391.1659**	**2,391.1659**	**0.6058**		**2,406.3105**

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	0.2617	8.5172	1.7623	0.0214	0.4609	0.0324	0.4933	0.1263	0.0310	0.1573		2,308.4384	2,308.4384	0.1589		2,312.4113
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	0.0442	0.0334	0.4321	1.0100e-003	0.0894	8.0000e-004	0.0902	0.0237	7.4000e-004	0.0245		100.2952	100.2952	3.7600e-003		100.3892
Total	**0.3059**	**8.5505**	**2.1944**	**0.0224**	**0.5503**	**0.0332**	**0.5835**	**0.1501**	**0.0317**	**0.1818**		**2,408.7336**	**2,408.7336**	**0.1627**		**2,412.8005**

3.3 Remodel of Building J - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2721	15.9802	13.4870	0.0220		0.9158	0.9158		0.8846	0.8846		2,018.0224	2,018.0224	0.3879		2,027.7210
Total	**2.2721**	**15.9802**	**13.4870**	**0.0220**		**0.9158**	**0.9158**		**0.8846**	**0.8846**		**2,018.0224**	**2,018.0224**	**0.3879**		**2,027.7210**

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	0.0839	2.7330	0.5827	7.1300e-003	0.1560	0.0100	0.1660	0.0428	9.5900e-003	0.0524		771.4105	771.4105	0.0531		772.7386
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	0.0600	0.0441	0.5786	1.4600e-003	0.1341	1.1600e-003	0.1353	0.0356	1.0700e-003	0.0366		145.5544	145.5544	5.0000e-003		145.6793
Total	**0.1438**	**2.7771**	**1.1613**	**8.5900e-003**	**0.2901**	**0.0112**	**0.3013**	**0.0783**	**0.0107**	**0.0890**		**916.9648**	**916.9648**	**0.0581**		**918.4180**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2721	15.9802	13.4870	0.0220		0.9158	0.9158		0.8846	0.8846	0.0000	2,018.0224	2,018.0224	0.3879		2,027.7210
Total	**2.2721**	**15.9802**	**13.4870**	**0.0220**		**0.9158**	**0.9158**		**0.8846**	**0.8846**	**0.0000**	**2,018.0224**	**2,018.0224**	**0.3879**		**2,027.7210**

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	0.0839	2.7330	0.5827	7.1300e-003	0.1560	0.0100	0.1660	0.0428	9.5900e-003	0.0524		771.4105	771.4105	0.0531		772.7386
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	0.0600	0.0441	0.5786	1.4600e-003	0.1341	1.1600e-003	0.1353	0.0356	1.0700e-003	0.0366		145.5544	145.5544	5.0000e-003		145.6793
Total	**0.1438**	**2.7771**	**1.1613**	**8.5900e-003**	**0.2901**	**0.0112**	**0.3013**	**0.0783**	**0.0107**	**0.0890**		**916.9648**	**916.9648**	**0.0581**		**918.4180**

3.4 Site Preparation for New Auditorium - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.2934	0.0000	5.2934	2.8991	0.0000	2.8991			0.0000			0.0000
Off-Road	1.7123	19.4821	7.8893	0.0172		0.8824	0.8824		0.8118	0.8118		1,704.9189	1,704.9189	0.5394		1,718.4044
Total	**1.7123**	**19.4821**	**7.8893**	**0.0172**	**5.2934**	**0.8824**	**6.1758**	**2.8991**	**0.8118**	**3.7108**		**1,704.9189**	**1,704.9189**	**0.5394**		**1,718.4044**

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	0.6193	20.1868	4.3040	0.0527	1.1523	0.0741	1.2264	0.3159	0.0709	0.3867		5,697.9184	5,697.9184	0.3924		5,707.7286
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	0.0400	0.0294	0.3857	9.7000e-004	0.0894	7.7000e-004	0.0902	0.0237	7.1000e-004	0.0244		97.0362	97.0362	3.3300e-003		97.1196
Total	**0.6593**	**20.2162**	**4.6898**	**0.0536**	**1.2418**	**0.0749**	**1.3166**	**0.3396**	**0.0716**	**0.4112**		**5,794.9546**	**5,794.9546**	**0.3957**		**5,804.8482**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0644	0.0000	2.0644	1.1306	0.0000	1.1306			0.0000			0.0000
Off-Road	1.7123	19.4821	7.8893	0.0172		0.8824	0.8824		0.8118	0.8118	0.0000	1,704.9189	1,704.9189	0.5394		1,718.4044
Total	**1.7123**	**19.4821**	**7.8893**	**0.0172**	**2.0644**	**0.8824**	**2.9468**	**1.1306**	**0.8118**	**1.9424**	**0.0000**	**1,704.9189**	**1,704.9189**	**0.5394**		**1,718.4044**

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	0.6193	20.1868	4.3040	0.0527	1.1523	0.0741	1.2264	0.3159	0.0709	0.3867		5,697.9184	5,697.9184	0.3924		5,707.7286
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	0.0400	0.0294	0.3857	9.7000e-004	0.0894	7.7000e-004	0.0902	0.0237	7.1000e-004	0.0244		97.0362	97.0362	3.3300e-003		97.1196
Total	**0.6593**	**20.2162**	**4.6898**	**0.0536**	**1.2418**	**0.0749**	**1.3166**	**0.3396**	**0.0716**	**0.4112**		**5,794.9546**	**5,794.9546**	**0.3957**		**5,804.8482**

3.5 Trenching for New Auditorium - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.2934	0.0000	5.2934	2.8991	0.0000	2.8991			0.0000			0.0000
Off-Road	1.7123	19.4821	7.8893	0.0172		0.8824	0.8824		0.8118	0.8118		1,704.9189	1,704.9189	0.5394		1,718.4044
Total	**1.7123**	**19.4821**	**7.8893**	**0.0172**	**5.2934**	**0.8824**	**6.1758**	**2.8991**	**0.8118**	**3.7108**		**1,704.9189**	**1,704.9189**	**0.5394**		**1,718.4044**

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	0.6193	20.1868	4.3040	0.0527	1.1523	0.0741	1.2264	0.3159	0.0709	0.3867		5,697.9184	5,697.9184	0.3924		5,707.7286
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	0.0400	0.0294	0.3857	9.7000e-004	0.0894	7.7000e-004	0.0902	0.0237	7.1000e-004	0.0244		97.0362	97.0362	3.3300e-003		97.1196
Total	**0.6593**	**20.2162**	**4.6898**	**0.0536**	**1.2418**	**0.0749**	**1.3166**	**0.3396**	**0.0716**	**0.4112**		**5,794.9546**	**5,794.9546**	**0.3957**		**5,804.8482**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0644	0.0000	2.0644	1.1306	0.0000	1.1306			0.0000			0.0000
Off-Road	1.7123	19.4821	7.8893	0.0172		0.8824	0.8824		0.8118	0.8118	0.0000	1,704.9189	1,704.9189	0.5394		1,718.4044
Total	**1.7123**	**19.4821**	**7.8893**	**0.0172**	**2.0644**	**0.8824**	**2.9468**	**1.1306**	**0.8118**	**1.9424**	**0.0000**	**1,704.9189**	**1,704.9189**	**0.5394**		**1,718.4044**

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	0.6193	20.1868	4.3040	0.0527	1.1523	0.0741	1.2264	0.3159	0.0709	0.3867		5,697.9184	5,697.9184	0.3924		5,707.7286
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	0.0400	0.0294	0.3857	9.7000e-004	0.0894	7.7000e-004	0.0902	0.0237	7.1000e-004	0.0244		97.0362	97.0362	3.3300e-003		97.1196
Total	**0.6593**	**20.2162**	**4.6898**	**0.0536**	**1.2418**	**0.0749**	**1.3166**	**0.3396**	**0.0716**	**0.4112**		**5,794.9546**	**5,794.9546**	**0.3957**		**5,804.8482**

3.6 Grading for New Auditorium - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.5527	0.0000	4.5527	2.4866	0.0000	2.4866			0.0000			0.0000
Off-Road	1.4197	16.0357	6.6065	0.0141		0.7365	0.7365		0.6775	0.6775		1,396.3909	1,396.3909	0.4418		1,407.4359
Total	**1.4197**	**16.0357**	**6.6065**	**0.0141**	**4.5527**	**0.7365**	**5.2892**	**2.4866**	**0.6775**	**3.1641**		**1,396.3909**	**1,396.3909**	**0.4418**		**1,407.4359**

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	0.3097	10.0934	2.1520	0.0263	0.5762	0.0370	0.6132	0.1579	0.0354	0.1934		2,848.9592	2,848.9592	0.1962		2,853.8643
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	0.0400	0.0294	0.3857	9.7000e-004	0.0894	7.7000e-004	0.0902	0.0237	7.1000e-004	0.0244		97.0362	97.0362	3.3300e-003		97.1196
Total	**0.3496**	**10.1228**	**2.5378**	**0.0273**	**0.6656**	**0.0378**	**0.7034**	**0.1816**	**0.0361**	**0.2178**		**2,945.9954**	**2,945.9954**	**0.1995**		**2,950.9839**

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					1.7756	0.0000	1.7756	0.9698	0.0000	0.9698			0.0000			0.0000
Off-Road	1.4197	16.0357	6.6065	0.0141		0.7365	0.7365		0.6775	0.6775	0.0000	1,396.3909	1,396.3909	0.4418		1,407.4359
Total	**1.4197**	**16.0357**	**6.6065**	**0.0141**	**1.7756**	**0.7365**	**2.5120**	**0.9698**	**0.6775**	**1.6473**	**0.0000**	**1,396.3909**	**1,396.3909**	**0.4418**		**1,407.4359**

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	0.3097	10.0934	2.1520	0.0263	0.5762	0.0370	0.6132	0.1579	0.0354	0.1934		2,848.9592	2,848.9592	0.1962		2,853.8643
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	0.0400	0.0294	0.3857	9.7000e-004	0.0894	7.7000e-004	0.0902	0.0237	7.1000e-004	0.0244		97.0362	97.0362	3.3300e-003		97.1196
Total	**0.3496**	**10.1228**	**2.5378**	**0.0273**	**0.6656**	**0.0378**	**0.7034**	**0.1816**	**0.0361**	**0.2178**		**2,945.9954**	**2,945.9954**	**0.1995**		**2,950.9839**

3.7 Remodel of Building J Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2721	15.9802	13.4870	0.0220		0.9158	0.9158		0.8846	0.8846		2,018.0224	2,018.0224	0.3879		2,027.7210
Total	**2.2721**	**15.9802**	**13.4870**	**0.0220**		**0.9158**	**0.9158**		**0.8846**	**0.8846**		**2,018.0224**	**2,018.0224**	**0.3879**		**2,027.7210**

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	0.0727	2.3686	0.5050	6.1800e-003	0.1352	8.6900e-003	0.1439	0.0371	8.3200e-003	0.0454		668.5558	668.5558	0.0460		669.7068
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	0.0400	0.0294	0.3857	9.7000e-004	0.0894	7.7000e-004	0.0902	0.0237	7.1000e-004	0.0244		97.0362	97.0362	3.3300e-003		97.1196
Total	**0.1126**	**2.3980**	**0.8907**	**7.1500e-003**	**0.2246**	**9.4600e-003**	**0.2341**	**0.0608**	**9.0300e-003**	**0.0698**		**765.5920**	**765.5920**	**0.0494**		**766.8264**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2721	15.9802	13.4870	0.0220		0.9158	0.9158		0.8846	0.8846	0.0000	2,018.0224	2,018.0224	0.3879		2,027.7210
Total	**2.2721**	**15.9802**	**13.4870**	**0.0220**		**0.9158**	**0.9158**		**0.8846**	**0.8846**	**0.0000**	**2,018.0224**	**2,018.0224**	**0.3879**		**2,027.7210**

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	0.0727	2.3686	0.5050	6.1800e-003	0.1352	8.6900e-003	0.1439	0.0371	8.3200e-003	0.0454		668.5558	668.5558	0.0460		669.7068
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	0.0400	0.0294	0.3857	9.7000e-004	0.0894	7.7000e-004	0.0902	0.0237	7.1000e-004	0.0244		97.0362	97.0362	3.3300e-003		97.1196
Total	**0.1126**	**2.3980**	**0.8907**	**7.1500e-003**	**0.2246**	**9.4600e-003**	**0.2341**	**0.0608**	**9.0300e-003**	**0.0698**		**765.5920**	**765.5920**	**0.0494**		**766.8264**

3.8 Building Construction for New Auditorium - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2721	15.9802	13.4870	0.0220		0.9158	0.9158		0.8846	0.8846		2,018.0224	2,018.0224	0.3879		2,027.7210
Total	**2.2721**	**15.9802**	**13.4870**	**0.0220**		**0.9158**	**0.9158**		**0.8846**	**0.8846**		**2,018.0224**	**2,018.0224**	**0.3879**		**2,027.7210**

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	0.1168	3.8067	0.8116	9.9300e-003	0.4887	0.0140	0.5026	0.1262	0.0134	0.1395		1,074.4646	1,074.4646	0.0740		1,076.3145
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	0.2498	0.1836	2.4108	6.0900e-003	0.5589	4.8200e-003	0.5637	0.1482	4.4400e-003	0.1527		606.4764	606.4764	0.0208		606.9972
Total	**0.3666**	**3.9902**	**3.2224**	**0.0160**	**1.0476**	**0.0188**	**1.0663**	**0.2744**	**0.0178**	**0.2922**		**1,680.9411**	**1,680.9411**	**0.0948**		**1,683.3118**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2721	15.9802	13.4870	0.0220		0.9158	0.9158		0.8846	0.8846	0.0000	2,018.0224	2,018.0224	0.3879		2,027.7210
Total	**2.2721**	**15.9802**	**13.4870**	**0.0220**		**0.9158**	**0.9158**		**0.8846**	**0.8846**	**0.0000**	**2,018.0224**	**2,018.0224**	**0.3879**		**2,027.7210**

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	0.1168	3.8067	0.8116	9.9300e-003	0.4887	0.0140	0.5026	0.1262	0.0134	0.1395		1,074.4646	1,074.4646	0.0740		1,076.3145
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	0.2498	0.1836	2.4108	6.0900e-003	0.5589	4.8200e-003	0.5637	0.1482	4.4400e-003	0.1527		606.4764	606.4764	0.0208		606.9972
Total	**0.3666**	**3.9902**	**3.2224**	**0.0160**	**1.0476**	**0.0188**	**1.0663**	**0.2744**	**0.0178**	**0.2922**		**1,680.9411**	**1,680.9411**	**0.0948**		**1,683.3118**

3.8 Building Construction for New Auditorium - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0305	14.7882	13.1881	0.0220		0.7960	0.7960		0.7688	0.7688		2,001.1595	2,001.1595	0.3715		2,010.4467
Total	**2.0305**	**14.7882**	**13.1881**	**0.0220**		**0.7960**	**0.7960**		**0.7688**	**0.7688**		**2,001.1595**	**2,001.1595**	**0.3715**		**2,010.4467**

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	0.1086	3.5737	0.7919	9.8200e-003	0.3168	0.0114	0.3282	0.0840	0.0109	0.0949		1,063.6767	1,063.6767	0.0724		1,065.4867
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	0.2301	0.1637	2.1892	5.9100e-003	0.5589	4.6700e-003	0.5636	0.1482	4.3000e-003	0.1525		588.0564	588.0564	0.0185		588.5199
Total	**0.3387**	**3.7374**	**2.9811**	**0.0157**	**0.8757**	**0.0161**	**0.8918**	**0.2322**	**0.0152**	**0.2474**		**1,651.7331**	**1,651.7331**	**0.0909**		**1,654.0066**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0305	14.7882	13.1881	0.0220		0.7960	0.7960		0.7688	0.7688	0.0000	2,001.1595	2,001.1595	0.3715		2,010.4467
Total	**2.0305**	**14.7882**	**13.1881**	**0.0220**		**0.7960**	**0.7960**		**0.7688**	**0.7688**	**0.0000**	**2,001.1595**	**2,001.1595**	**0.3715**		**2,010.4467**

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	0.1086	3.5737	0.7919	9.8200e-003	0.3168	0.0114	0.3282	0.0840	0.0109	0.0949		1,063.6767	1,063.6767	0.0724		1,065.4867
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	0.2301	0.1637	2.1892	5.9100e-003	0.5589	4.6700e-003	0.5636	0.1482	4.3000e-003	0.1525		588.0564	588.0564	0.0185		588.5199
Total	**0.3387**	**3.7374**	**2.9811**	**0.0157**	**0.8757**	**0.0161**	**0.8918**	**0.2322**	**0.0152**	**0.2474**		**1,651.7331**	**1,651.7331**	**0.0909**		**1,654.0066**

3.9 Site Preparation for Rehearsal Rooms - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.3175	0.0000	5.3175	2.9017	0.0000	2.9017			0.0000			0.0000
Off-Road	1.6299	18.3464	7.7093	0.0172		0.8210	0.8210		0.7553	0.7553		1,667.4119	1,667.4119	0.5393		1,680.8937
Total	**1.6299**	**18.3464**	**7.7093**	**0.0172**	**5.3175**	**0.8210**	**6.1385**	**2.9017**	**0.7553**	**3.6569**		**1,667.4119**	**1,667.4119**	**0.5393**		**1,680.8937**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4606	15.1612	3.3596	0.0417	0.9219	0.0484	0.9703	0.2527	0.0463	0.2990		4,512.5678	4,512.5678	0.3072		4,520.2466
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	0.0920	0.0655	0.8757	2.3600e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		235.2226	235.2226	7.4200e-003		235.4080
Total	**0.5526**	**15.2267**	**4.2353**	**0.0440**	**1.1455**	**0.0503**	**1.1957**	**0.3120**	**0.0480**	**0.3600**		**4,747.7903**	**4,747.7903**	**0.3146**		**4,755.6546**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0738	0.0000	2.0738	1.1317	0.0000	1.1317			0.0000			0.0000
Off-Road	1.6299	18.3464	7.7093	0.0172		0.8210	0.8210		0.7553	0.7553	0.0000	1,667.4119	1,667.4119	0.5393		1,680.8937
Total	**1.6299**	**18.3464**	**7.7093**	**0.0172**	**2.0738**	**0.8210**	**2.8948**	**1.1317**	**0.7553**	**1.8869**	**0.0000**	**1,667.4119**	**1,667.4119**	**0.5393**		**1,680.8937**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4606	15.1612	3.3596	0.0417	0.9219	0.0484	0.9703	0.2527	0.0463	0.2990		4,512.5678	4,512.5678	0.3072		4,520.2466
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	0.0920	0.0655	0.8757	2.3600e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		235.2226	235.2226	7.4200e-003		235.4080
Total	**0.5526**	**15.2267**	**4.2353**	**0.0440**	**1.1455**	**0.0503**	**1.1957**	**0.3120**	**0.0480**	**0.3600**		**4,747.7903**	**4,747.7903**	**0.3146**		**4,755.6546**

3.10 Trenching for Rehearsal Rooms - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.3175	0.0000	5.3175	2.9017	0.0000	2.9017			0.0000			0.0000
Off-Road	1.6299	18.3464	7.7093	0.0172		0.8210	0.8210		0.7553	0.7553		1,667.4119	1,667.4119	0.5393		1,680.8937
Total	**1.6299**	**18.3464**	**7.7093**	**0.0172**	**5.3175**	**0.8210**	**6.1385**	**2.9017**	**0.7553**	**3.6569**		**1,667.4119**	**1,667.4119**	**0.5393**		**1,680.8937**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2303	7.5806	1.6798	0.0208	0.4610	0.0242	0.4852	0.1264	0.0232	0.1495		2,256.2839	2,256.2839	0.1536		2,260.1233
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	0.0184	0.0131	0.1751	4.7000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		47.0445	47.0445	1.4800e-003		47.0816
Total	**0.2487**	**7.5937**	**1.8549**	**0.0213**	**0.5057**	**0.0246**	**0.5302**	**0.1382**	**0.0235**	**0.1617**		**2,303.3284**	**2,303.3284**	**0.1551**		**2,307.2049**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0738	0.0000	2.0738	1.1317	0.0000	1.1317			0.0000			0.0000
Off-Road	1.6299	18.3464	7.7093	0.0172		0.8210	0.8210		0.7553	0.7553	0.0000	1,667.4119	1,667.4119	0.5393		1,680.8937
Total	**1.6299**	**18.3464**	**7.7093**	**0.0172**	**2.0738**	**0.8210**	**2.8948**	**1.1317**	**0.7553**	**1.8869**	**0.0000**	**1,667.4119**	**1,667.4119**	**0.5393**		**1,680.8937**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2303	7.5806	1.6798	0.0208	0.4610	0.0242	0.4852	0.1264	0.0232	0.1495		2,256.2839	2,256.2839	0.1536		2,260.1233
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	0.0184	0.0131	0.1751	4.7000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		47.0445	47.0445	1.4800e-003		47.0816
Total	**0.2487**	**7.5937**	**1.8549**	**0.0213**	**0.5057**	**0.0246**	**0.5302**	**0.1382**	**0.0235**	**0.1617**		**2,303.3284**	**2,303.3284**	**0.1551**		**2,307.2049**

3.11 Grading for Rehearsal Rooms - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.5889	0.0000	4.5889	2.4905	0.0000	2.4905			0.0000			0.0000
Off-Road	1.3498	15.0854	6.4543	0.0141		0.6844	0.6844		0.6296	0.6296		1,365.7183	1,365.7183	0.4417		1,376.7609
Total	**1.3498**	**15.0854**	**6.4543**	**0.0141**	**4.5889**	**0.6844**	**5.2733**	**2.4905**	**0.6296**	**3.1201**		**1,365.7183**	**1,365.7183**	**0.4417**		**1,376.7609**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5757	18.9516	4.1995	0.0521	1.1524	0.0605	1.2129	0.3159	0.0579	0.3738		5,640.7097	5,640.7097	0.3839		5,650.3083
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	0.0184	0.0131	0.1751	4.7000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		47.0445	47.0445	1.4800e-003		47.0816
Total	**0.5941**	**18.9647**	**4.3746**	**0.0525**	**1.1971**	**0.0609**	**1.2580**	**0.3278**	**0.0582**	**0.3860**		**5,687.7542**	**5,687.7542**	**0.3854**		**5,697.3899**

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					1.7897	0.0000	1.7897	0.9713	0.0000	0.9713			0.0000			0.0000
Off-Road	1.3498	15.0854	6.4543	0.0141		0.6844	0.6844		0.6296	0.6296	0.0000	1,365.7183	1,365.7183	0.4417		1,376.7609
Total	**1.3498**	**15.0854**	**6.4543**	**0.0141**	**1.7897**	**0.6844**	**2.4740**	**0.9713**	**0.6296**	**1.6009**	**0.0000**	**1,365.7183**	**1,365.7183**	**0.4417**		**1,376.7609**

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	0.5757	18.9516	4.1995	0.0521	1.1524	0.0605	1.2129	0.3159	0.0579	0.3738		5,640.7097	5,640.7097	0.3839		5,650.3083
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	0.0184	0.0131	0.1751	4.7000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		47.0445	47.0445	1.4800e-003		47.0816
Total	**0.5941**	**18.9647**	**4.3746**	**0.0525**	**1.1971**	**0.0609**	**1.2580**	**0.3278**	**0.0582**	**0.3860**		**5,687.7542**	**5,687.7542**	**0.3854**		**5,697.3899**

3.12 Building Construction for Rehearsal Rooms - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0305	14.7882	13.1881	0.0220		0.7960	0.7960		0.7688	0.7688		2,001.1595	2,001.1595	0.3715		2,010.4467
Total	**2.0305**	**14.7882**	**13.1881**	**0.0220**		**0.7960**	**0.7960**		**0.7688**	**0.7688**		**2,001.1595**	**2,001.1595**	**0.3715**		**2,010.4467**

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	0.0576	1.8952	0.4200	5.2100e-003	0.1152	6.0500e-003	0.1213	0.0316	5.7900e-003	0.0374		564.0710	564.0710	0.0384		565.0308
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	0.0184	0.0131	0.1751	4.7000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		47.0445	47.0445	1.4800e-003		47.0816
Total	**0.0760**	**1.9083**	**0.5951**	**5.6800e-003**	**0.1600**	**6.4200e-003**	**0.1664**	**0.0435**	**6.1300e-003**	**0.0496**		**611.1155**	**611.1155**	**0.0399**		**612.1124**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0305	14.7882	13.1881	0.0220		0.7960	0.7960		0.7688	0.7688	0.0000	2,001.1595	2,001.1595	0.3715		2,010.4467
Total	**2.0305**	**14.7882**	**13.1881**	**0.0220**		**0.7960**	**0.7960**		**0.7688**	**0.7688**	**0.0000**	**2,001.1595**	**2,001.1595**	**0.3715**		**2,010.4467**

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	0.0576	1.8952	0.4200	5.2100e-003	0.1152	6.0500e-003	0.1213	0.0316	5.7900e-003	0.0374		564.0710	564.0710	0.0384		565.0308
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	0.0184	0.0131	0.1751	4.7000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		47.0445	47.0445	1.4800e-003		47.0816
Total	**0.0760**	**1.9083**	**0.5951**	**5.6800e-003**	**0.1600**	**6.4200e-003**	**0.1664**	**0.0435**	**6.1300e-003**	**0.0496**		**611.1155**	**611.1155**	**0.0399**		**612.1124**

3.13 Architectural Coating for New Auditorium - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.0167					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928
Total	**2.2588**	**1.6838**	**1.8314**	**2.9700e-003**		**0.1109**	**0.1109**		**0.1109**	**0.1109**		**281.4481**	**281.4481**	**0.0218**		**281.9928**

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	0.0384	1.2634	0.2800	3.4700e-003	0.0768	4.0300e-003	0.0809	0.0211	3.8600e-003	0.0249		376.0473	376.0473	0.0256		376.6872
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	0.0552	0.0393	0.5254	1.4200e-003	0.1341	1.1200e-003	0.1353	0.0356	1.0300e-003	0.0366		141.1335	141.1335	4.4500e-003		141.2448
Total	**0.0936**	**1.3027**	**0.8054**	**4.8900e-003**	**0.2110**	**5.1500e-003**	**0.2161**	**0.0566**	**4.8900e-003**	**0.0615**		**517.1809**	**517.1809**	**0.0301**		**517.9320**

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	2.0167					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218		281.9928
Total	**2.2588**	**1.6838**	**1.8314**	**2.9700e-003**		**0.1109**	**0.1109**		**0.1109**	**0.1109**	**0.0000**	**281.4481**	**281.4481**	**0.0218**		**281.9928**

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	0.0384	1.2634	0.2800	3.4700e-003	0.0768	4.0300e-003	0.0809	0.0211	3.8600e-003	0.0249		376.0473	376.0473	0.0256		376.6872
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	0.0552	0.0393	0.5254	1.4200e-003	0.1341	1.1200e-003	0.1353	0.0356	1.0300e-003	0.0366		141.1335	141.1335	4.4500e-003		141.2448
Total	**0.0936**	**1.3027**	**0.8054**	**4.8900e-003**	**0.2110**	**5.1500e-003**	**0.2161**	**0.0566**	**4.8900e-003**	**0.0615**		**517.1809**	**517.1809**	**0.0301**		**517.9320**

3.14 Demolition for Music Building - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0848	0.0000	0.0848	0.0128	0.0000	0.0128			0.0000			0.0000
Off-Road	2.1262	20.9463	14.6573	0.0241		1.1525	1.1525		1.0761	1.0761		2,322.3127	2,322.3127	0.5970		2,337.2363
Total	**2.1262**	**20.9463**	**14.6573**	**0.0241**	**0.0848**	**1.1525**	**1.2373**	**0.0128**	**1.0761**	**1.0890**		**2,322.3127**	**2,322.3127**	**0.5970**		**2,337.2363**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0779	2.5658	0.5686	7.0500e-003	0.1560	8.1900e-003	0.1642	0.0428	7.8300e-003	0.0506		763.6653	763.6653	0.0520		764.9648
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	0.0184	0.0131	0.1751	4.7000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		47.0445	47.0445	1.4800e-003		47.0816
Total	**0.0964**	**2.5789**	**0.7437**	**7.5200e-003**	**0.2007**	**8.5600e-003**	**0.2093**	**0.0546**	**8.1700e-003**	**0.0628**		**810.7098**	**810.7098**	**0.0535**		**812.0464**

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					0.0331	0.0000	0.0331	5.0100e-003	0.0000	5.0100e-003			0.0000			0.0000
Off-Road	2.1262	20.9463	14.6573	0.0241		1.1525	1.1525		1.0761	1.0761	0.0000	2,322.3127	2,322.3127	0.5970		2,337.2363
Total	**2.1262**	**20.9463**	**14.6573**	**0.0241**	**0.0331**	**1.1525**	**1.1856**	**5.0100e-003**	**1.0761**	**1.0812**	**0.0000**	**2,322.3127**	**2,322.3127**	**0.5970**		**2,337.2363**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0779	2.5658	0.5686	7.0500e-003	0.1560	8.1900e-003	0.1642	0.0428	7.8300e-003	0.0506		763.6653	763.6653	0.0520		764.9648
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	0.0184	0.0131	0.1751	4.7000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		47.0445	47.0445	1.4800e-003		47.0816
Total	**0.0964**	**2.5789**	**0.7437**	**7.5200e-003**	**0.2007**	**8.5600e-003**	**0.2093**	**0.0546**	**8.1700e-003**	**0.0628**		**810.7098**	**810.7098**	**0.0535**		**812.0464**

3.15 Architectural Coating for Rehearsal Rooms - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.0999					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928
Total	**12.3421**	**1.6838**	**1.8314**	**2.9700e-003**		**0.1109**	**0.1109**		**0.1109**	**0.1109**		**281.4481**	**281.4481**	**0.0218**		**281.9928**

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	0.6909	22.7419	5.0394	0.0625	1.3829	0.0726	1.4555	0.3791	0.0694	0.4485		6,768.8516	6,768.8516	0.4607		6,780.3699
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	0.0368	0.0262	0.3503	9.4000e-004	0.0894	7.5000e-004	0.0902	0.0237	6.9000e-004	0.0244		94.0890	94.0890	2.9700e-003		94.1632
Total	**0.7277**	**22.7681**	**5.3897**	**0.0634**	**1.4723**	**0.0733**	**1.5456**	**0.4028**	**0.0701**	**0.4729**		**6,862.9407**	**6,862.9407**	**0.4637**		**6,874.5331**

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	12.0999					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218		281.9928
Total	**12.3421**	**1.6838**	**1.8314**	**2.9700e-003**		**0.1109**	**0.1109**		**0.1109**	**0.1109**	**0.0000**	**281.4481**	**281.4481**	**0.0218**		**281.9928**

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	0.6909	22.7419	5.0394	0.0625	1.3829	0.0726	1.4555	0.3791	0.0694	0.4485		6,768.8516	6,768.8516	0.4607		6,780.3699
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	0.0368	0.0262	0.3503	9.4000e-004	0.0894	7.5000e-004	0.0902	0.0237	6.9000e-004	0.0244		94.0890	94.0890	2.9700e-003		94.1632
Total	**0.7277**	**22.7681**	**5.3897**	**0.0634**	**1.4723**	**0.0733**	**1.5456**	**0.4028**	**0.0701**	**0.4729**		**6,862.9407**	**6,862.9407**	**0.4637**		**6,874.5331**

3.16 Site Preparation for Music Building - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.2929	0.0000	5.2929	2.8990	0.0000	2.8990			0.0000			0.0000
Off-Road	1.6299	18.3464	7.7093	0.0172		0.8210	0.8210		0.7553	0.7553		1,667.4119	1,667.4119	0.5393		1,680.8937
Total	**1.6299**	**18.3464**	**7.7093**	**0.0172**	**5.2929**	**0.8210**	**6.1138**	**2.8990**	**0.7553**	**3.6543**		**1,667.4119**	**1,667.4119**	**0.5393**		**1,680.8937**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1689	5.5591	1.2319	0.0153	0.3438	0.0177	0.3616	0.0941	0.0170	0.1111		1,654.6082	1,654.6082	0.1126		1,657.4238
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	0.0184	0.0131	0.1751	4.7000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		47.0445	47.0445	1.4800e-003		47.0816
Total	**0.1873**	**5.5722**	**1.4070**	**0.0157**	**0.3886**	**0.0181**	**0.4067**	**0.1060**	**0.0173**	**0.1233**		**1,701.6527**	**1,701.6527**	**0.1141**		**1,704.5054**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0642	0.0000	2.0642	1.1306	0.0000	1.1306			0.0000			0.0000
Off-Road	1.6299	18.3464	7.7093	0.0172		0.8210	0.8210		0.7553	0.7553	0.0000	1,667.4119	1,667.4119	0.5393		1,680.8937
Total	**1.6299**	**18.3464**	**7.7093**	**0.0172**	**2.0642**	**0.8210**	**2.8852**	**1.1306**	**0.7553**	**1.8859**	**0.0000**	**1,667.4119**	**1,667.4119**	**0.5393**		**1,680.8937**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1689	5.5591	1.2319	0.0153	0.3438	0.0177	0.3616	0.0941	0.0170	0.1111		1,654.6082	1,654.6082	0.1126		1,657.4238
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	0.0184	0.0131	0.1751	4.7000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		47.0445	47.0445	1.4800e-003		47.0816
Total	**0.1873**	**5.5722**	**1.4070**	**0.0157**	**0.3886**	**0.0181**	**0.4067**	**0.1060**	**0.0173**	**0.1233**		**1,701.6527**	**1,701.6527**	**0.1141**		**1,704.5054**

3.16 Site Preparation for Music Building - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.2929	0.0000	5.2929	2.8990	0.0000	2.8990			0.0000			0.0000
Off-Road	1.5558	17.4203	7.5605	0.0172		0.7654	0.7654		0.7041	0.7041		1,666.5174	1,666.5174	0.5390		1,679.9920
Total	**1.5558**	**17.4203**	**7.5605**	**0.0172**	**5.2929**	**0.7654**	**6.0583**	**2.8990**	**0.7041**	**3.6031**		**1,666.5174**	**1,666.5174**	**0.5390**		**1,679.9920**

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	0.1612	5.1860	1.2160	0.0151	11.5848	0.0159	11.6007	2.8532	0.0152	2.8685		1,636.4628	1,636.4628	0.1111		1,639.2392
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	0.0172	0.0118	0.1611	4.6000e-004	0.0447	3.6000e-004	0.0451	0.0119	3.3000e-004	0.0122		45.5508	45.5508	1.3400e-003		45.5844
Total	**0.1784**	**5.1978**	**1.3771**	**0.0155**	**11.6295**	**0.0163**	**11.6458**	**2.8651**	**0.0156**	**2.8807**		**1,682.0136**	**1,682.0136**	**0.1124**		**1,684.8235**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0642	0.0000	2.0642	1.1306	0.0000	1.1306			0.0000			0.0000
Off-Road	1.5558	17.4203	7.5605	0.0172		0.7654	0.7654		0.7041	0.7041	0.0000	1,666.5174	1,666.5174	0.5390		1,679.9920
Total	**1.5558**	**17.4203**	**7.5605**	**0.0172**	**2.0642**	**0.7654**	**2.8296**	**1.1306**	**0.7041**	**1.8348**	**0.0000**	**1,666.5174**	**1,666.5174**	**0.5390**		**1,679.9920**

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	0.1612	5.1860	1.2160	0.0151	11.5848	0.0159	11.6007	2.8532	0.0152	2.8685		1,636.4628	1,636.4628	0.1111		1,639.2392
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	0.0172	0.0118	0.1611	4.6000e-004	0.0447	3.6000e-004	0.0451	0.0119	3.3000e-004	0.0122		45.5508	45.5508	1.3400e-003		45.5844
Total	**0.1784**	**5.1978**	**1.3771**	**0.0155**	**11.6295**	**0.0163**	**11.6458**	**2.8651**	**0.0156**	**2.8807**		**1,682.0136**	**1,682.0136**	**0.1124**		**1,684.8235**

3.17 Trenching for Music Building - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.2929	0.0000	5.2929	2.8990	0.0000	2.8990			0.0000			0.0000
Off-Road	1.6299	18.3464	7.7093	0.0172		0.8210	0.8210		0.7553	0.7553		1,667.4119	1,667.4119	0.5393		1,680.8937
Total	**1.6299**	**18.3464**	**7.7093**	**0.0172**	**5.2929**	**0.8210**	**6.1138**	**2.8990**	**0.7553**	**3.6543**		**1,667.4119**	**1,667.4119**	**0.5393**		**1,680.8937**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3378	11.1182	2.4637	0.0305	0.6877	0.0355	0.7232	0.1882	0.0340	0.2221		3,309.2164	3,309.2164	0.2253		3,314.8475
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	0.0184	0.0131	0.1751	4.7000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		47.0445	47.0445	1.4800e-003		47.0816
Total	**0.3562**	**11.1313**	**2.6388**	**0.0310**	**0.7324**	**0.0359**	**0.7683**	**0.2000**	**0.0343**	**0.2343**		**3,356.2609**	**3,356.2609**	**0.2267**		**3,361.9291**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0642	0.0000	2.0642	1.1306	0.0000	1.1306			0.0000			0.0000
Off-Road	1.6299	18.3464	7.7093	0.0172		0.8210	0.8210		0.7553	0.7553	0.0000	1,667.4119	1,667.4119	0.5393		1,680.8937
Total	**1.6299**	**18.3464**	**7.7093**	**0.0172**	**2.0642**	**0.8210**	**2.8852**	**1.1306**	**0.7553**	**1.8859**	**0.0000**	**1,667.4119**	**1,667.4119**	**0.5393**		**1,680.8937**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3378	11.1182	2.4637	0.0305	0.6877	0.0355	0.7232	0.1882	0.0340	0.2221		3,309.2164	3,309.2164	0.2253		3,314.8475
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	0.0184	0.0131	0.1751	4.7000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		47.0445	47.0445	1.4800e-003		47.0816
Total	**0.3562**	**11.1313**	**2.6388**	**0.0310**	**0.7324**	**0.0359**	**0.7683**	**0.2000**	**0.0343**	**0.2343**		**3,356.2609**	**3,356.2609**	**0.2267**		**3,361.9291**

3.17 Trenching for Music Building - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.2929	0.0000	5.2929	2.8990	0.0000	2.8990			0.0000			0.0000
Off-Road	1.5558	17.4203	7.5605	0.0172		0.7654	0.7654		0.7041	0.7041		1,666.5174	1,666.5174	0.5390		1,679.9920
Total	**1.5558**	**17.4203**	**7.5605**	**0.0172**	**5.2929**	**0.7654**	**6.0583**	**2.8990**	**0.7041**	**3.6031**		**1,666.5174**	**1,666.5174**	**0.5390**		**1,679.9920**

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	0.3224	10.3721	2.4320	0.0302	23.1696	0.0318	23.2015	5.7065	0.0305	5.7369		3,272.9256	3,272.9256	0.2221		3,278.4784
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	0.0172	0.0118	0.1611	4.6000e-004	0.0447	3.6000e-004	0.0451	0.0119	3.3000e-004	0.0122		45.5508	45.5508	1.3400e-003		45.5844
Total	**0.3396**	**10.3839**	**2.5931**	**0.0306**	**23.2143**	**0.0322**	**23.2465**	**5.7183**	**0.0308**	**5.7491**		**3,318.4764**	**3,318.4764**	**0.2235**		**3,324.0627**

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					
Fugitive Dust					2.0642	0.0000	2.0642	1.1306	0.0000	1.1306			0.0000			0.0000
Off-Road	1.5558	17.4203	7.5605	0.0172		0.7654	0.7654		0.7041	0.7041	0.0000	1,666.5174	1,666.5174	0.5390		1,679.9920
Total	**1.5558**	**17.4203**	**7.5605**	**0.0172**	**2.0642**	**0.7654**	**2.8296**	**1.1306**	**0.7041**	**1.8348**	**0.0000**	**1,666.5174**	**1,666.5174**	**0.5390**		**1,679.9920**

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	0.3224	10.3721	2.4320	0.0302	23.1696	0.0318	23.2015	5.7065	0.0305	5.7369		3,272.9256	3,272.9256	0.2221		3,278.4784
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	0.0172	0.0118	0.1611	4.6000e-004	0.0447	3.6000e-004	0.0451	0.0119	3.3000e-004	0.0122		45.5508	45.5508	1.3400e-003		45.5844
Total	**0.3396**	**10.3839**	**2.5931**	**0.0306**	**23.2143**	**0.0322**	**23.2465**	**5.7183**	**0.0308**	**5.7491**		**3,318.4764**	**3,318.4764**	**0.2235**		**3,324.0627**

3.18 Grading for Music Building - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.5519	0.0000	4.5519	2.4865	0.0000	2.4865			0.0000			0.0000
Off-Road	1.3498	15.0854	6.4543	0.0141		0.6844	0.6844		0.6296	0.6296		1,365.7183	1,365.7183	0.4417		1,376.7609
Total	**1.3498**	**15.0854**	**6.4543**	**0.0141**	**4.5519**	**0.6844**	**5.2363**	**2.4865**	**0.6296**	**3.1161**		**1,365.7183**	**1,365.7183**	**0.4417**		**1,376.7609**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1126	3.7061	0.8212	0.0102	0.2292	0.0118	0.2411	0.0627	0.0113	0.0740		1,103.0721	1,103.0721	0.0751		1,104.9492
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	0.0184	0.0131	0.1751	4.7000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		47.0445	47.0445	1.4800e-003		47.0816
Total	**0.1310**	**3.7192**	**0.9964**	**0.0107**	**0.2739**	**0.0122**	**0.2861**	**0.0746**	**0.0117**	**0.0862**		**1,150.1166**	**1,150.1166**	**0.0766**		**1,152.0308**

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					1.7753	0.0000	1.7753	0.9697	0.0000	0.9697			0.0000			0.0000
Off-Road	1.3498	15.0854	6.4543	0.0141		0.6844	0.6844		0.6296	0.6296	0.0000	1,365.7183	1,365.7183	0.4417		1,376.7609
Total	**1.3498**	**15.0854**	**6.4543**	**0.0141**	**1.7753**	**0.6844**	**2.4596**	**0.9697**	**0.6296**	**1.5994**	**0.0000**	**1,365.7183**	**1,365.7183**	**0.4417**		**1,376.7609**

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	0.1126	3.7061	0.8212	0.0102	0.2292	0.0118	0.2411	0.0627	0.0113	0.0740		1,103.0721	1,103.0721	0.0751		1,104.9492
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	0.0184	0.0131	0.1751	4.7000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		47.0445	47.0445	1.4800e-003		47.0816
Total	**0.1310**	**3.7192**	**0.9964**	**0.0107**	**0.2739**	**0.0122**	**0.2861**	**0.0746**	**0.0117**	**0.0862**		**1,150.1166**	**1,150.1166**	**0.0766**		**1,152.0308**

3.18 Grading for Music Building - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.5519	0.0000	4.5519	2.4865	0.0000	2.4865			0.0000			0.0000
Off-Road	1.2884	14.3307	6.3314	0.0141		0.6379	0.6379		0.5869	0.5869		1,365.0648	1,365.0648	0.4415		1,376.1020
Total	**1.2884**	**14.3307**	**6.3314**	**0.0141**	**4.5519**	**0.6379**	**5.1898**	**2.4865**	**0.5869**	**3.0734**		**1,365.0648**	**1,365.0648**	**0.4415**		**1,376.1020**

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	0.1075	3.4574	0.8107	0.0101	7.7232	0.0106	7.7338	1.9022	0.0102	1.9123		1,090.9752	1,090.9752	0.0740		1,092.8261
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	0.0172	0.0118	0.1611	4.6000e-004	0.0447	3.6000e-004	0.0451	0.0119	3.3000e-004	0.0122		45.5508	45.5508	1.3400e-003		45.5844
Total	**0.1246**	**3.4692**	**0.9718**	**0.0105**	**7.7679**	**0.0110**	**7.7789**	**1.9140**	**0.0105**	**1.9245**		**1,136.5260**	**1,136.5260**	**0.0754**		**1,138.4105**

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					1.7753	0.0000	1.7753	0.9697	0.0000	0.9697			0.0000			0.0000
Off-Road	1.2884	14.3307	6.3314	0.0141		0.6379	0.6379		0.5869	0.5869	0.0000	1,365.0648	1,365.0648	0.4415		1,376.1020
Total	**1.2884**	**14.3307**	**6.3314**	**0.0141**	**1.7753**	**0.6379**	**2.4132**	**0.9697**	**0.5869**	**1.5566**	**0.0000**	**1,365.0648**	**1,365.0648**	**0.4415**		**1,376.1020**

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	0.1075	3.4574	0.8107	0.0101	7.7232	0.0106	7.7338	1.9022	0.0102	1.9123		1,090.9752	1,090.9752	0.0740		1,092.8261
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	0.0172	0.0118	0.1611	4.6000e-004	0.0447	3.6000e-004	0.0451	0.0119	3.3000e-004	0.0122		45.5508	45.5508	1.3400e-003		45.5844
Total	**0.1246**	**3.4692**	**0.9718**	**0.0105**	**7.7679**	**0.0110**	**7.7789**	**1.9140**	**0.0105**	**1.9245**		**1,136.5260**	**1,136.5260**	**0.0754**		**1,138.4105**

3.19 Building Construction for Music Building - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8125	13.6361	12.8994	0.0221		0.6843	0.6843		0.6608	0.6608		2,001.2200	2,001.2200	0.3573		2,010.1517
Total	**1.8125**	**13.6361**	**12.8994**	**0.0221**		**0.6843**	**0.6843**		**0.6608**	**0.6608**		**2,001.2200**	**2,001.2200**	**0.3573**		**2,010.1517**

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	0.0740	2.3813	0.5584	6.9300e-003	0.1552	7.3100e-003	0.1625	0.0426	6.9900e-003	0.0495		751.4370	751.4370	0.0510		752.7119
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	0.1715	0.1179	1.6111	4.5700e-003	0.4471	3.6100e-003	0.4507	0.1186	3.3300e-003	0.1219		455.5079	455.5079	0.0134		455.8435
Total	**0.2455**	**2.4992**	**2.1695**	**0.0115**	**0.6023**	**0.0109**	**0.6133**	**0.1611**	**0.0103**	**0.1714**		**1,206.9449**	**1,206.9449**	**0.0644**		**1,208.5554**

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	1.8125	13.6361	12.8994	0.0221		0.6843	0.6843		0.6608	0.6608	0.0000	2,001.2200	2,001.2200	0.3573		2,010.1517
Total	**1.8125**	**13.6361**	**12.8994**	**0.0221**		**0.6843**	**0.6843**		**0.6608**	**0.6608**	**0.0000**	**2,001.2200**	**2,001.2200**	**0.3573**		**2,010.1517**

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	0.0740	2.3813	0.5584	6.9300e-003	0.1552	7.3100e-003	0.1625	0.0426	6.9900e-003	0.0495		751.4370	751.4370	0.0510		752.7119
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	0.1715	0.1179	1.6111	4.5700e-003	0.4471	3.6100e-003	0.4507	0.1186	3.3300e-003	0.1219		455.5079	455.5079	0.0134		455.8435
Total	**0.2455**	**2.4992**	**2.1695**	**0.0115**	**0.6023**	**0.0109**	**0.6133**	**0.1611**	**0.0103**	**0.1714**		**1,206.9449**	**1,206.9449**	**0.0644**		**1,208.5554**

3.20 Architectural Coating for Music Building - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.0250					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	**3.2439**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**		**281.4481**	**281.4481**	**0.0193**		**281.9309**

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	0.0824	2.6520	0.6218	7.7100e-003	0.2164	8.1400e-003	0.2246	0.0581	7.7900e-003	0.0659		836.8276	836.8276	0.0568		838.2473
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	0.0857	0.0589	0.8056	2.2900e-003	0.2236	1.8100e-003	0.2254	0.0593	1.6600e-003	0.0610		227.7540	227.7540	6.7100e-003		227.9217
Total	**0.1682**	**2.7109**	**1.4274**	**0.0100**	**0.4400**	**9.9500e-003**	**0.4499**	**0.1174**	**9.4500e-003**	**0.1268**		**1,064.5815**	**1,064.5815**	**0.0635**		**1,066.1691**

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	3.0250					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
Total	**3.2439**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**	**0.0000**	**281.4481**	**281.4481**	**0.0193**		**281.9309**

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	0.0824	2.6520	0.6218	7.7100e-003	0.2164	8.1400e-003	0.2246	0.0581	7.7900e-003	0.0659		836.8276	836.8276	0.0568		838.2473
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	0.0857	0.0589	0.8056	2.2900e-003	0.2236	1.8100e-003	0.2254	0.0593	1.6600e-003	0.0610		227.7540	227.7540	6.7100e-003		227.9217
Total	**0.1682**	**2.7109**	**1.4274**	**0.0100**	**0.4400**	**9.9500e-003**	**0.4499**	**0.1174**	**9.4500e-003**	**0.1268**		**1,064.5815**	**1,064.5815**	**0.0635**		**1,066.1691**

3.20 Architectural Coating for Music Building - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.0250					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	**3.2295**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**		**281.4481**	**281.4481**	**0.0183**		**281.9062**

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	0.0785	2.4636	0.6155	7.6100e-003	0.5650	7.0700e-003	0.5721	0.1436	6.7700e-003	0.1504		826.9300	826.9300	0.0559		828.3285
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	0.0803	0.0532	0.7432	2.2100e-003	0.2236	1.7500e-003	0.2253	0.0593	1.6100e-003	0.0609		219.7425	219.7425	6.0600e-003		219.8941
Total	**0.1588**	**2.5168**	**1.3587**	**9.8200e-003**	**0.7886**	**8.8200e-003**	**0.7974**	**0.2029**	**8.3800e-003**	**0.2113**		**1,046.6725**	**1,046.6725**	**0.0620**		**1,048.2226**

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	3.0250					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	**3.2295**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**	**0.0000**	**281.4481**	**281.4481**	**0.0183**		**281.9062**

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	0.0785	2.4636	0.6155	7.6100e-003	0.5650	7.0700e-003	0.5721	0.1436	6.7700e-003	0.1504		826.9300	826.9300	0.0559		828.3285
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	0.0803	0.0532	0.7432	2.2100e-003	0.2236	1.7500e-003	0.2253	0.0593	1.6100e-003	0.0609		219.7425	219.7425	6.0600e-003		219.8941
Total	**0.1588**	**2.5168**	**1.3587**	**9.8200e-003**	**0.7886**	**8.8200e-003**	**0.7974**	**0.2029**	**8.3800e-003**	**0.2113**		**1,046.6725**	**1,046.6725**	**0.0620**		**1,048.2226**

CalEEMod Version: CalEEMod.2016.3.2

Date: 1/25/2018 9:51 PM

Santa Monica Malibu USD JAMS - Los Angeles-South Coast County, Annual

Santa Monica Malibu USD JAMS

Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Junior High School	8.72	1000sqft	0.00	8,716.00	0
Arena	20.00	1000sqft	1.07	20,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2023
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Land Use - Acreage represents total site.

Off-road Equipment - Applicant provided information

Vehicle Trips - Construction Emissions Only

Construction Off-road Equipment Mitigation -

Trips and VMT - Transpo 2018

Energy Use - Construction Emissions Only

Water And Wastewater - Construction Emissions Only

Solid Waste - Construction Emissions Only

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tblEnergyUse	T24NG	13.65	0.00

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tblGrading	AcresOfGrading	11.00	1.00
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tblSolidWaste	SolidWasteGenerationRate	11.34	0.00
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tblTripsAndVMT	HaulingTripNumber	0.00	580.00
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tblTripsAndVMT	VendorTripNumber	5.00	0.00
tblTripsAndVMT	VendorTripNumber	5.00	0.00
tblTripsAndVMT	VendorTripNumber	5.00	0.00
tblTripsAndVMT	VendorTripNumber	5.00	0.00
tblTripsAndVMT	VendorTripNumber	5.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	8.00
tblTripsAndVMT	WorkerTripNumber	8.00	4.00
tblTripsAndVMT	WorkerTripNumber	12.00	4.00
tblTripsAndVMT	WorkerTripNumber	2.00	12.00
tblTripsAndVMT	WorkerTripNumber	13.00	4.00
tblTripsAndVMT	WorkerTripNumber	2.00	8.00
tblTripsAndVMT	WorkerTripNumber	8.00	4.00
tblTripsAndVMT	WorkerTripNumber	8.00	4.00
tblTripsAndVMT	WorkerTripNumber	8.00	4.00
tblTripsAndVMT	WorkerTripNumber	12.00	40.00
tblTripsAndVMT	WorkerTripNumber	2.00	20.00
tblTripsAndVMT	WorkerTripNumber	12.00	8.00
tblTripsAndVMT	WorkerTripNumber	12.00	50.00
tblTripsAndVMT	WorkerTripNumber	8.00	20.00
tblTripsAndVMT	WorkerTripNumber	8.00	4.00
tblVehicleTrips	ST_TR	10.71	0.00
tblVehicleTrips	SU_TR	10.71	0.00
tblVehicleTrips	WD_TR	10.71	0.00
tblVehicleTrips	WD_TR	13.78	0.00
tblWater	IndoorWaterUseRate	8,615,402.35	0.00

tblWater	IndoorWaterUseRate	179,815.16	0.00
tblWater	OutdoorWaterUseRate	549,919.30	0.00
tblWater	OutdoorWaterUseRate	462,381.84	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					
2018	0.0922	1.0958	0.5720	1.5300e-003	0.0249	0.0485	0.0734	5.9400e-003	0.0454	0.0513	0.0000	143.0813	143.0813	0.0231	0.0000	143.6583
2019	0.3988	4.3286	2.3221	7.3300e-003	0.4526	0.1549	0.6074	0.2145	0.1470	0.3615	0.0000	674.0718	674.0718	0.0930	0.0000	676.3963
2020	0.7759	5.6471	3.1875	9.6600e-003	0.6539	0.2067	0.8607	0.3147	0.1952	0.5099	0.0000	882.9298	882.9298	0.1292	0.0000	886.1595
2021	0.3170	1.7676	1.5878	3.7400e-003	0.1024	0.0727	0.1751	0.0288	0.0702	0.0990	0.0000	327.7168	327.7168	0.0409	0.0000	328.7388
2022	0.0373	0.0441	0.0346	1.4000e-004	8.5000e-003	1.0000e-003	9.4900e-003	2.1900e-003	9.9000e-004	3.1800e-003	0.0000	13.0991	13.0991	8.1000e-004	0.0000	13.1193
Maximum	**0.7759**	**5.6471**	**3.1875**	**9.6600e-003**	**0.6539**	**0.2067**	**0.8607**	**0.3147**	**0.1952**	**0.5099**	**0.0000**	**882.9298**	**882.9298**	**0.1292**	**0.0000**	**886.1595**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2018	0.0922	1.0958	0.5720	1.5300e-003	0.0206	0.0485	0.0691	5.2900e-003	0.0454	0.0507	0.0000	143.0812	143.0812	0.0231	0.0000	143.6582
2019	0.3988	4.3286	2.3221	7.3300e-003	0.2494	0.1549	0.4043	0.1034	0.1470	0.2504	0.0000	674.0715	674.0715	0.0930	0.0000	676.3960
2020	0.7759	5.6471	3.1875	9.6600e-003	0.3469	0.2067	0.5537	0.1476	0.1952	0.3428	0.0000	882.9293	882.9293	0.1292	0.0000	886.1590
2021	0.3170	1.7676	1.5878	3.7400e-003	0.0966	0.0727	0.1693	0.0261	0.0702	0.0964	0.0000	327.7165	327.7165	0.0409	0.0000	328.7386
2022	0.0373	0.0441	0.0346	1.4000e-004	8.5000e-003	1.0000e-003	9.4900e-003	2.1900e-003	9.9000e-004	3.1800e-003	0.0000	13.0991	13.0991	8.1000e-004	0.0000	13.1193
Maximum	**0.7759**	**5.6471**	**3.1875**	**9.6600e-003**	**0.3469**	**0.2067**	**0.5537**	**0.1476**	**0.1952**	**0.3428**	**0.0000**	**882.9293**	**882.9293**	**0.1292**	**0.0000**	**886.1590**

	ROG	**NOx**	**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**	**41.88**	**0.00**	**30.14**	**49.74**	**0.00**	**27.47**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	6-1-2018	8-31-2018	1.1731	1.1731
2	9-1-2018	11-30-2018	0.0128	0.0128
5	6-1-2019	8-31-2019	2.6186	2.6186
6	9-1-2019	11-30-2019	2.4264	2.4264
7	12-1-2019	2-29-2020	0.7977	0.7977
8	3-1-2020	5-31-2020	1.9981	1.9981
9	6-1-2020	8-31-2020	1.5367	1.5367
10	9-1-2020	11-30-2020	1.5981	1.5981
11	12-1-2020	2-28-2021	1.2739	1.2739
12	3-1-2021	5-31-2021	0.5985	0.5985
13	6-1-2021	8-31-2021	0.5978	0.5978
14	9-1-2021	11-30-2021	0.3692	0.3692
15	12-1-2021	2-28-2022	0.1693	0.1693
		Highest	2.6186	2.6186

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.1171	0.0000	3.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.1000e-004	7.1000e-004	0.0000	0.0000	7.6000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1171**	**0.0000**	**3.7000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**7.1000e-004**	**7.1000e-004**	**0.0000**	**0.0000**	**7.6000e-004**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.1171	0.0000	3.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.1000e-004	7.1000e-004	0.0000	0.0000	7.6000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1171**	**0.0000**	**3.7000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**7.1000e-004**	**7.1000e-004**	**0.0000**	**0.0000**	**7.6000e-004**

	ROG	NOx	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**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition for New Auditorium	Demolition	6/1/2018	9/1/2018	5	66	
2	Remodel of Building J	Building Construction	6/1/2019	9/1/2019	5	65	
3	Site Preparation for New Auditorium	Site Preparation	8/1/2019	10/1/2019	5	44	
4	Trenching for New Auditorium	Site Preparation	8/1/2019	10/1/2019	5	44	
5	Grading for New Auditorium	Grading	8/1/2019	10/1/2019	5	44	
6	Remodel of Building J Architectural Coating	Building Construction	9/1/2019	12/13/2019	5	75	
7	Building Construction for New Auditorium	Building Construction	10/1/2019	6/1/2020	5	175	
8	Site Preparation for Rehearsal Rooms	Site Preparation	5/1/2020	6/1/2020	5	22	
9	Trenching for Rehearsal Rooms	Site Preparation	5/1/2020	6/1/2020	5	22	
10	Grading for Rehearsal Rooms	Grading	5/1/2020	6/1/2020	5	22	
11	Building Construction for Rehearsal Rooms	Building Construction	5/1/2020	9/1/2020	5	88	
12	Architectural Coating for New Auditorium	Architectural Coating	6/1/2020	12/1/2020	5	132	
13	Demolition for Music Building	Demolition	8/1/2020	11/1/2020	5	65	
14	Architectural Coating for Rehearsal Rooms	Architectural Coating	8/1/2020	9/1/2020	5	22	
15	Site Preparation for Music Building	Site Preparation	11/1/2020	1/1/2021	5	45	
16	Trenching for Music Building	Site Preparation	11/1/2020	1/1/2021	5	45	
17	Grading for Music Building	Grading	11/1/2020	1/1/2021	5	45	
18	Building Construction for Music Building	Building Construction	1/1/2021	10/1/2021	5	196	
19	Architectural Coating for Music Building	Architectural Coating	10/1/2021	2/1/2022	5	88	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 43,074; Non-Residential Outdoor: 14,358; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition for New Auditorium	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition for New Auditorium	Rubber Tired Dozers	1	8.00	247	0.40
Demolition for New Auditorium	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Remodel of Building J	Cranes	1	6.00	231	0.29
Remodel of Building J	Forklifts	1	6.00	89	0.20
Remodel of Building J	Generator Sets	1	8.00	84	0.74
Remodel of Building J	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Remodel of Building J	Welders	3	8.00	46	0.45
Site Preparation for New Auditorium	Graders	1	8.00	187	0.41
Site Preparation for New Auditorium	Rubber Tired Dozers	1	7.00	247	0.40
Site Preparation for New Auditorium	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Trenching for New Auditorium	Graders	1	8.00	187	0.41
Trenching for New Auditorium	Rubber Tired Dozers	1	7.00	247	0.40
Trenching for New Auditorium	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading for New Auditorium	Graders	1	6.00	187	0.41
Grading for New Auditorium	Rubber Tired Dozers	1	6.00	247	0.40
Grading for New Auditorium	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Remodel of Building J Architectural Coating	Cranes	1	6.00	231	0.29
Remodel of Building J Architectural Coating	Forklifts	1	6.00	89	0.20
Remodel of Building J Architectural Coating	Generator Sets	1	8.00	84	0.74
Remodel of Building J Architectural Coating	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Remodel of Building J Architectural Coating	Welders	3	8.00	46	0.45
Building Construction for New Auditorium	Cranes	1	6.00	231	0.29
Building Construction for New Auditorium	Forklifts	1	6.00	89	0.20
Building Construction for New Auditorium	Generator Sets	1	8.00	84	0.74
Building Construction for New Auditorium	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction for New Auditorium	Welders	3	8.00	46	0.45

Site Preparation for Rehearsal Rooms	Graders	1	8.00	187	0.41
Site Preparation for Rehearsal Rooms	Rubber Tired Dozers	1	7.00	247	0.40
Site Preparation for Rehearsal Rooms	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Trenching for Rehearsal Rooms	Graders	1	8.00	187	0.41
Trenching for Rehearsal Rooms	Rubber Tired Dozers	1	7.00	247	0.40
Trenching for Rehearsal Rooms	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading for Rehearsal Rooms	Graders	1	6.00	187	0.41
Grading for Rehearsal Rooms	Rubber Tired Dozers	1	6.00	247	0.40
Grading for Rehearsal Rooms	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Building Construction for Rehearsal Rooms	Cranes	1	6.00	231	0.29
Building Construction for Rehearsal Rooms	Forklifts	1	6.00	89	0.20
Building Construction for Rehearsal Rooms	Generator Sets	1	8.00	84	0.74
Building Construction for Rehearsal Rooms	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction for Rehearsal Rooms	Welders	3	8.00	46	0.45
Architectural Coating for New Auditorium	Air Compressors	1	6.00	78	0.48
Demolition for Music Building	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition for Music Building	Rubber Tired Dozers	1	8.00	247	0.40
Demolition for Music Building	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Architectural Coating for Rehearsal Rooms	Air Compressors	1	6.00	78	0.48
Site Preparation for Music Building	Graders	1	8.00	187	0.41
Site Preparation for Music Building	Rubber Tired Dozers	1	7.00	247	0.40
Site Preparation for Music Building	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Trenching for Music Building	Graders	1	8.00	187	0.41
Trenching for Music Building	Rubber Tired Dozers	1	7.00	247	0.40
Trenching for Music Building	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading for Music Building	Graders	1	6.00	187	0.41
Grading for Music Building	Rubber Tired Dozers	1	6.00	247	0.40
Grading for Music Building	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Building Construction for Music Building	Cranes	1	6.00	231	0.29

Building Construction for Music Building	Forklifts	1	6.00	89	0.20
Building Construction for Music Building	Generator Sets	1	8.00	84	0.74
Building Construction for Music Building	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction for Music Building	Welders	3	8.00	46	0.45
Architectural Coating for Music Building	Air Compressors	1	6.00	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
Demolition for New Auditorium	5	8.00	0.00	1,740.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Remodel of Building J	7	12.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation for New Auditorium	3	8.00	0.00	2,900.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Trenching for New Auditorium	3	8.00	0.00	2,900.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading for New Auditorium	3	8.00	0.00	1,450.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Remodel of Building J Architectural Coating	7	8.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction for New Auditorium	7	50.00	0.00	2,175.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation for Rehearsal Rooms	3	20.00	0.00	1,160.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Trenching for Rehearsal Rooms	3	4.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading for Rehearsal Rooms	3	4.00	0.00	1,450.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction for Rehearsal Rooms	7	4.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating for New Auditorium	1	12.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition for Music Building	5	4.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating for Rehearsal Rooms	1	8.00	0.00	1,740.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation for Music Building	3	4.00	0.00	870.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Trenching for Music Building	3	4.00	0.00	1,740.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading for Music Building	3	4.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction for Music Building	7	40.00	0.00	1,740.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating for Music Building	1	20.00	0.00	870.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition for New Auditorium - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					7.0400e-003	0.0000	7.0400e-003	1.0700e-003	0.0000	1.0700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0820	0.8040	0.4987	8.0000e-004		0.0474	0.0474		0.0443	0.0443	0.0000	71.5846	71.5846	0.0181	0.0000	72.0380
Total	**0.0820**	**0.8040**	**0.4987**	**8.0000e-004**	**7.0400e-003**	**0.0474**	**0.0544**	**1.0700e-003**	**0.0443**	**0.0454**	**0.0000**	**71.5846**	**71.5846**	**0.0181**	**0.0000**	**72.0380**

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	8.7300e-003	0.2906	0.0599	7.0000e-004	0.0150	1.0800e-003	0.0160	4.1100e-003	1.0300e-003	5.1400e-003	0.0000	68.6223	68.6223	4.8400e-003	0.0000	68.7433
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4600e-003	1.2500e-003	0.0135	3.0000e-005	2.8900e-003	3.0000e-005	2.9200e-003	7.7000e-004	2.0000e-005	7.9000e-004	0.0000	2.8744	2.8744	1.1000e-004	0.0000	2.8771
Total	**0.0102**	**0.2918**	**0.0734**	**7.3000e-004**	**0.0178**	**1.1100e-003**	**0.0190**	**4.8800e-003**	**1.0500e-003**	**5.9300e-003**	**0.0000**	**71.4967**	**71.4967**	**4.9500e-003**	**0.0000**	**71.6204**

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					2.7400e-003	0.0000	2.7400e-003	4.2000e-004	0.0000	4.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0820	0.8040	0.4987	8.0000e-004		0.0474	0.0474		0.0443	0.0443	0.0000	71.5845	71.5845	0.0181	0.0000	72.0379
Total	**0.0820**	**0.8040**	**0.4987**	**8.0000e-004**	**2.7400e-003**	**0.0474**	**0.0501**	**4.2000e-004**	**0.0443**	**0.0447**	**0.0000**	**71.5845**	**71.5845**	**0.0181**	**0.0000**	**72.0379**

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	8.7300e-003	0.2906	0.0599	7.0000e-004	0.0150	1.0800e-003	0.0160	4.1100e-003	1.0300e-003	5.1400e-003	0.0000	68.6223	68.6223	4.8400e-003	0.0000	68.7433
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4600e-003	1.2500e-003	0.0135	3.0000e-005	2.8900e-003	3.0000e-005	2.9200e-003	7.7000e-004	2.0000e-005	7.9000e-004	0.0000	2.8744	2.8744	1.1000e-004	0.0000	2.8771
Total	**0.0102**	**0.2918**	**0.0734**	**7.3000e-004**	**0.0178**	**1.1100e-003**	**0.0190**	**4.8800e-003**	**1.0500e-003**	**5.9300e-003**	**0.0000**	**71.4967**	**71.4967**	**4.9500e-003**	**0.0000**	**71.6204**

3.3 Remodel of Building J - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0738	0.5194	0.4383	7.2000e-004		0.0298	0.0298		0.0288	0.0288	0.0000	59.4984	59.4984	0.0114	0.0000	59.7843
Total	**0.0738**	**0.5194**	**0.4383**	**7.2000e-004**		**0.0298**	**0.0298**		**0.0288**	**0.0288**	**0.0000**	**59.4984**	**59.4984**	**0.0114**	**0.0000**	**59.7843**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.7500e-003	0.0918	0.0195	2.3000e-004	4.9800e-003	3.3000e-004	5.3100e-003	1.3700e-003	3.1000e-004	1.6800e-003	0.0000	22.5819	22.5819	1.5900e-003	0.0000	22.6217
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9500e-003	1.6300e-003	0.0177	5.0000e-005	4.2700e-003	4.0000e-005	4.3100e-003	1.1400e-003	3.0000e-005	1.1700e-003	0.0000	4.1081	4.1081	1.4000e-004	0.0000	4.1116
Total	**4.7000e-003**	**0.0934**	**0.0372**	**2.8000e-004**	**9.2500e-003**	**3.7000e-004**	**9.6200e-003**	**2.5100e-003**	**3.4000e-004**	**2.8500e-003**	**0.0000**	**26.6900**	**26.6900**	**1.7300e-003**	**0.0000**	**26.7333**

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	0.0738	0.5194	0.4383	7.2000e-004		0.0298	0.0298		0.0288	0.0288	0.0000	59.4983	59.4983	0.0114	0.0000	59.7843
Total	**0.0738**	**0.5194**	**0.4383**	**7.2000e-004**		**0.0298**	**0.0298**		**0.0288**	**0.0288**	**0.0000**	**59.4983**	**59.4983**	**0.0114**	**0.0000**	**59.7843**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.7500e-003	0.0918	0.0195	2.3000e-004	4.9800e-003	3.3000e-004	5.3100e-003	1.3700e-003	3.1000e-004	1.6800e-003	0.0000	22.5819	22.5819	1.5900e-003	0.0000	22.6217
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9500e-003	1.6300e-003	0.0177	5.0000e-005	4.2700e-003	4.0000e-005	4.3100e-003	1.1400e-003	3.0000e-005	1.1700e-003	0.0000	4.1081	4.1081	1.4000e-004	0.0000	4.1116
Total	**4.7000e-003**	**0.0934**	**0.0372**	**2.8000e-004**	**9.2500e-003**	**3.7000e-004**	**9.6200e-003**	**2.5100e-003**	**3.4000e-004**	**2.8500e-003**	**0.0000**	**26.6900**	**26.6900**	**1.7300e-003**	**0.0000**	**26.7333**

3.4 Site Preparation for New Auditorium - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1165	0.0000	0.1165	0.0638	0.0000	0.0638	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0377	0.4286	0.1736	3.8000e-004		0.0194	0.0194		0.0179	0.0179	0.0000	34.0269	34.0269	0.0108	0.0000	34.2960
Total	**0.0377**	**0.4286**	**0.1736**	**3.8000e-004**	**0.1165**	**0.0194**	**0.1359**	**0.0638**	**0.0179**	**0.0816**	**0.0000**	**34.0269**	**34.0269**	**0.0108**	**0.0000**	**34.2960**

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	0.0138	0.4589	0.0975	1.1500e-003	0.0249	1.6400e-003	0.0266	6.8400e-003	1.5700e-003	8.4100e-003	0.0000	112.9094	112.9094	7.9600e-003	0.0000	113.1084
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	8.8000e-004	7.3000e-004	7.9900e-003	2.0000e-005	1.9300e-003	2.0000e-005	1.9500e-003	5.1000e-004	2.0000e-005	5.3000e-004	0.0000	1.8539	1.8539	6.0000e-005	0.0000	1.8555
Total	**0.0147**	**0.4596**	**0.1055**	**1.1700e-003**	**0.0269**	**1.6600e-003**	**0.0285**	**7.3500e-003**	**1.5900e-003**	**8.9400e-003**	**0.0000**	**114.7633**	**114.7633**	**8.0200e-003**	**0.0000**	**114.9639**

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					0.0454	0.0000	0.0454	0.0249	0.0000	0.0249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0377	0.4286	0.1736	3.8000e-004		0.0194	0.0194		0.0179	0.0179	0.0000	34.0268	34.0268	0.0108	0.0000	34.2960
Total	**0.0377**	**0.4286**	**0.1736**	**3.8000e-004**	**0.0454**	**0.0194**	**0.0648**	**0.0249**	**0.0179**	**0.0427**	**0.0000**	**34.0268**	**34.0268**	**0.0108**	**0.0000**	**34.2960**

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	0.0138	0.4589	0.0975	1.1500e-003	0.0249	1.6400e-003	0.0266	6.8400e-003	1.5700e-003	8.4100e-003	0.0000	112.9094	112.9094	7.9600e-003	0.0000	113.1084
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	8.8000e-004	7.3000e-004	7.9900e-003	2.0000e-005	1.9300e-003	2.0000e-005	1.9500e-003	5.1000e-004	2.0000e-005	5.3000e-004	0.0000	1.8539	1.8539	6.0000e-005	0.0000	1.8555
Total	**0.0147**	**0.4596**	**0.1055**	**1.1700e-003**	**0.0269**	**1.6600e-003**	**0.0285**	**7.3500e-003**	**1.5900e-003**	**8.9400e-003**	**0.0000**	**114.7633**	**114.7633**	**8.0200e-003**	**0.0000**	**114.9639**

3.5 Trenching for New Auditorium - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1165	0.0000	0.1165	0.0638	0.0000	0.0638	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0377	0.4286	0.1736	3.8000e-004		0.0194	0.0194		0.0179	0.0179	0.0000	34.0269	34.0269	0.0108	0.0000	34.2960
Total	**0.0377**	**0.4286**	**0.1736**	**3.8000e-004**	**0.1165**	**0.0194**	**0.1359**	**0.0638**	**0.0179**	**0.0816**	**0.0000**	**34.0269**	**34.0269**	**0.0108**	**0.0000**	**34.2960**

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	0.0138	0.4589	0.0975	1.1500e-003	0.0249	1.6400e-003	0.0266	6.8400e-003	1.5700e-003	8.4100e-003	0.0000	112.9094	112.9094	7.9600e-003	0.0000	113.1084
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	8.8000e-004	7.3000e-004	7.9900e-003	2.0000e-005	1.9300e-003	2.0000e-005	1.9500e-003	5.1000e-004	2.0000e-005	5.3000e-004	0.0000	1.8539	1.8539	6.0000e-005	0.0000	1.8555
Total	**0.0147**	**0.4596**	**0.1055**	**1.1700e-003**	**0.0269**	**1.6600e-003**	**0.0285**	**7.3500e-003**	**1.5900e-003**	**8.9400e-003**	**0.0000**	**114.7633**	**114.7633**	**8.0200e-003**	**0.0000**	**114.9639**

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					0.0454	0.0000	0.0454	0.0249	0.0000	0.0249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0377	0.4286	0.1736	3.8000e-004		0.0194	0.0194		0.0179	0.0179	0.0000	34.0268	34.0268	0.0108	0.0000	34.2960
Total	**0.0377**	**0.4286**	**0.1736**	**3.8000e-004**	**0.0454**	**0.0194**	**0.0648**	**0.0249**	**0.0179**	**0.0427**	**0.0000**	**34.0268**	**34.0268**	**0.0108**	**0.0000**	**34.2960**

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	0.0138	0.4589	0.0975	1.1500e-003	0.0249	1.6400e-003	0.0266	6.8400e-003	1.5700e-003	8.4100e-003	0.0000	112.9094	112.9094	7.9600e-003	0.0000	113.1084
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	8.8000e-004	7.3000e-004	7.9900e-003	2.0000e-005	1.9300e-003	2.0000e-005	1.9500e-003	5.1000e-004	2.0000e-005	5.3000e-004	0.0000	1.8539	1.8539	6.0000e-005	0.0000	1.8555
Total	**0.0147**	**0.4596**	**0.1055**	**1.1700e-003**	**0.0269**	**1.6600e-003**	**0.0285**	**7.3500e-003**	**1.5900e-003**	**8.9400e-003**	**0.0000**	**114.7633**	**114.7633**	**8.0200e-003**	**0.0000**	**114.9639**

3.6 Grading for New Auditorium - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1002	0.0000	0.1002	0.0547	0.0000	0.0547	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0312	0.3528	0.1453	3.1000e-004		0.0162	0.0162		0.0149	0.0149	0.0000	27.8693	27.8693	8.8200e-003	0.0000	28.0897
Total	**0.0312**	**0.3528**	**0.1453**	**3.1000e-004**	**0.1002**	**0.0162**	**0.1164**	**0.0547**	**0.0149**	**0.0696**	**0.0000**	**27.8693**	**27.8693**	**8.8200e-003**	**0.0000**	**28.0897**

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	6.8900e-003	0.2295	0.0487	5.8000e-004	0.0125	8.2000e-004	0.0133	3.4200e-003	7.9000e-004	4.2100e-003	0.0000	56.4547	56.4547	3.9800e-003	0.0000	56.5542
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	8.8000e-004	7.3000e-004	7.9900e-003	2.0000e-005	1.9300e-003	2.0000e-005	1.9500e-003	5.1000e-004	2.0000e-005	5.3000e-004	0.0000	1.8539	1.8539	6.0000e-005	0.0000	1.8555
Total	**7.7700e-003**	**0.2302**	**0.0567**	**6.0000e-004**	**0.0144**	**8.4000e-004**	**0.0152**	**3.9300e-003**	**8.1000e-004**	**4.7400e-003**	**0.0000**	**58.3086**	**58.3086**	**4.0400e-003**	**0.0000**	**58.4097**

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					0.0391	0.0000	0.0391	0.0213	0.0000	0.0213	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0312	0.3528	0.1453	3.1000e-004		0.0162	0.0162		0.0149	0.0149	0.0000	27.8692	27.8692	8.8200e-003	0.0000	28.0897
Total	**0.0312**	**0.3528**	**0.1453**	**3.1000e-004**	**0.0391**	**0.0162**	**0.0553**	**0.0213**	**0.0149**	**0.0362**	**0.0000**	**27.8692**	**27.8692**	**8.8200e-003**	**0.0000**	**28.0897**

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	6.8900e-003	0.2295	0.0487	5.8000e-004	0.0125	8.2000e-004	0.0133	3.4200e-003	7.9000e-004	4.2100e-003	0.0000	56.4547	56.4547	3.9800e-003	0.0000	56.5542
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	8.8000e-004	7.3000e-004	7.9900e-003	2.0000e-005	1.9300e-003	2.0000e-005	1.9500e-003	5.1000e-004	2.0000e-005	5.3000e-004	0.0000	1.8539	1.8539	6.0000e-005	0.0000	1.8555
Total	**7.7700e-003**	**0.2302**	**0.0567**	**6.0000e-004**	**0.0144**	**8.4000e-004**	**0.0152**	**3.9300e-003**	**8.1000e-004**	**4.7400e-003**	**0.0000**	**58.3086**	**58.3086**	**4.0400e-003**	**0.0000**	**58.4097**

3.7 Remodel of Building J Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0852	0.5993	0.5058	8.3000e-004		0.0343	0.0343		0.0332	0.0332	0.0000	68.6520	68.6520	0.0132	0.0000	68.9819
Total	**0.0852**	**0.5993**	**0.5058**	**8.3000e-004**		**0.0343**	**0.0343**		**0.0332**	**0.0332**	**0.0000**	**68.6520**	**68.6520**	**0.0132**	**0.0000**	**68.9819**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.7500e-003	0.0918	0.0195	2.3000e-004	4.9800e-003	3.3000e-004	5.3100e-003	1.3700e-003	3.1000e-004	1.6800e-003	0.0000	22.5819	22.5819	1.5900e-003	0.0000	22.6217
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5000e-003	1.2500e-003	0.0136	3.0000e-005	3.2900e-003	3.0000e-005	3.3200e-003	8.7000e-004	3.0000e-005	9.0000e-004	0.0000	3.1601	3.1601	1.1000e-004	0.0000	3.1628
Total	**4.2500e-003**	**0.0930**	**0.0331**	**2.6000e-004**	**8.2700e-003**	**3.6000e-004**	**8.6300e-003**	**2.2400e-003**	**3.4000e-004**	**2.5800e-003**	**0.0000**	**25.7420**	**25.7420**	**1.7000e-003**	**0.0000**	**25.7845**

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	0.0852	0.5993	0.5058	8.3000e-004		0.0343	0.0343		0.0332	0.0332	0.0000	68.6519	68.6519	0.0132	0.0000	68.9818
Total	**0.0852**	**0.5993**	**0.5058**	**8.3000e-004**		**0.0343**	**0.0343**		**0.0332**	**0.0332**	**0.0000**	**68.6519**	**68.6519**	**0.0132**	**0.0000**	**68.9818**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.7500e-003	0.0918	0.0195	2.3000e-004	4.9800e-003	3.3000e-004	5.3100e-003	1.3700e-003	3.1000e-004	1.6800e-003	0.0000	22.5819	22.5819	1.5900e-003	0.0000	22.6217
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5000e-003	1.2500e-003	0.0136	3.0000e-005	3.2900e-003	3.0000e-005	3.3200e-003	8.7000e-004	3.0000e-005	9.0000e-004	0.0000	3.1601	3.1601	1.1000e-004	0.0000	3.1628
Total	**4.2500e-003**	**0.0930**	**0.0331**	**2.6000e-004**	**8.2700e-003**	**3.6000e-004**	**8.6300e-003**	**2.2400e-003**	**3.4000e-004**	**2.5800e-003**	**0.0000**	**25.7420**	**25.7420**	**1.7000e-003**	**0.0000**	**25.7845**

3.8 Building Construction for New Auditorium - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0750	0.5274	0.4451	7.3000e-004		0.0302	0.0302		0.0292	0.0292	0.0000	60.4137	60.4137	0.0116	0.0000	60.7041
Total	**0.0750**	**0.5274**	**0.4451**	**7.3000e-004**		**0.0302**	**0.0302**		**0.0292**	**0.0292**	**0.0000**	**60.4137**	**60.4137**	**0.0116**	**0.0000**	**60.7041**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.9000e-003	0.1298	0.0276	3.3000e-004	0.0158	4.6000e-004	0.0163	4.0800e-003	4.4000e-004	4.5300e-003	0.0000	31.9372	31.9372	2.2500e-003	0.0000	31.9935
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	8.2600e-003	6.8900e-003	0.0749	1.9000e-004	0.0181	1.6000e-004	0.0182	4.8000e-003	1.5000e-004	4.9500e-003	0.0000	17.3804	17.3804	6.0000e-004	0.0000	17.3953
Total	**0.0122**	**0.1367**	**0.1025**	**5.2000e-004**	**0.0339**	**6.2000e-004**	**0.0345**	**8.8800e-003**	**5.9000e-004**	**9.4800e-003**	**0.0000**	**49.3176**	**49.3176**	**2.8500e-003**	**0.0000**	**49.3889**

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	0.0750	0.5274	0.4451	7.3000e-004		0.0302	0.0302		0.0292	0.0292	0.0000	60.4137	60.4137	0.0116	0.0000	60.7040
Total	**0.0750**	**0.5274**	**0.4451**	**7.3000e-004**		**0.0302**	**0.0302**		**0.0292**	**0.0292**	**0.0000**	**60.4137**	**60.4137**	**0.0116**	**0.0000**	**60.7040**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.9000e-003	0.1298	0.0276	3.3000e-004	0.0158	4.6000e-004	0.0163	4.0800e-003	4.4000e-004	4.5300e-003	0.0000	31.9372	31.9372	2.2500e-003	0.0000	31.9935
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	8.2600e-003	6.8900e-003	0.0749	1.9000e-004	0.0181	1.6000e-004	0.0182	4.8000e-003	1.5000e-004	4.9500e-003	0.0000	17.3804	17.3804	6.0000e-004	0.0000	17.3953
Total	**0.0122**	**0.1367**	**0.1025**	**5.2000e-004**	**0.0339**	**6.2000e-004**	**0.0345**	**8.8800e-003**	**5.9000e-004**	**9.4800e-003**	**0.0000**	**49.3176**	**49.3176**	**2.8500e-003**	**0.0000**	**49.3889**

3.8 Building Construction for New Auditorium - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1107	0.8060	0.7188	1.2000e-003		0.0434	0.0434		0.0419	0.0419	0.0000	98.9405	98.9405	0.0184	0.0000	99.3996
Total	**0.1107**	**0.8060**	**0.7188**	**1.2000e-003**		**0.0434**	**0.0434**		**0.0419**	**0.0419**	**0.0000**	**98.9405**	**98.9405**	**0.0184**	**0.0000**	**99.3996**

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	5.9800e-003	0.2012	0.0443	5.3000e-004	0.0169	6.3000e-004	0.0176	4.5000e-003	6.0000e-004	5.1000e-003	0.0000	52.2095	52.2095	3.6400e-003	0.0000	52.3004
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	0.0126	0.0101	0.1122	3.1000e-004	0.0299	2.5000e-004	0.0301	7.9300e-003	2.3000e-004	8.1700e-003	0.0000	27.8318	27.8318	8.8000e-004	0.0000	27.8537
Total	**0.0186**	**0.2113**	**0.1565**	**8.4000e-004**	**0.0468**	**8.8000e-004**	**0.0477**	**0.0124**	**8.3000e-004**	**0.0133**	**0.0000**	**80.0413**	**80.0413**	**4.5200e-003**	**0.0000**	**80.1541**

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	0.1107	0.8060	0.7188	1.2000e-003		0.0434	0.0434		0.0419	0.0419	0.0000	98.9404	98.9404	0.0184	0.0000	99.3995
Total	**0.1107**	**0.8060**	**0.7188**	**1.2000e-003**		**0.0434**	**0.0434**		**0.0419**	**0.0419**	**0.0000**	**98.9404**	**98.9404**	**0.0184**	**0.0000**	**99.3995**

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	5.9800e-003	0.2012	0.0443	5.3000e-004	0.0169	6.3000e-004	0.0176	4.5000e-003	6.0000e-004	5.1000e-003	0.0000	52.2095	52.2095	3.6400e-003	0.0000	52.3004
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	0.0126	0.0101	0.1122	3.1000e-004	0.0299	2.5000e-004	0.0301	7.9300e-003	2.3000e-004	8.1700e-003	0.0000	27.8318	27.8318	8.8000e-004	0.0000	27.8537
Total	**0.0186**	**0.2113**	**0.1565**	**8.4000e-004**	**0.0468**	**8.8000e-004**	**0.0477**	**0.0124**	**8.3000e-004**	**0.0133**	**0.0000**	**80.0413**	**80.0413**	**4.5200e-003**	**0.0000**	**80.1541**

3.9 Site Preparation for Rehearsal Rooms - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0585	0.0000	0.0585	0.0319	0.0000	0.0319	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0179	0.2018	0.0848	1.9000e-004		9.0300e-003	9.0300e-003		8.3100e-003	8.3100e-003	0.0000	16.6392	16.6392	5.3800e-003	0.0000	16.7737
Total	**0.0179**	**0.2018**	**0.0848**	**1.9000e-004**	**0.0585**	**9.0300e-003**	**0.0675**	**0.0319**	**8.3100e-003**	**0.0402**	**0.0000**	**16.6392**	**16.6392**	**5.3800e-003**	**0.0000**	**16.7737**

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	5.1200e-003	0.1722	0.0380	4.5000e-004	9.9700e-003	5.4000e-004	0.0105	2.7400e-003	5.1000e-004	3.2500e-003	0.0000	44.7054	44.7054	3.1100e-003	0.0000	44.7832
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0200e-003	8.2000e-004	9.0600e-003	2.0000e-005	2.4100e-003	2.0000e-005	2.4300e-003	6.4000e-004	2.0000e-005	6.6000e-004	0.0000	2.2470	2.2470	7.0000e-005	0.0000	2.2487
Total	**6.1400e-003**	**0.1731**	**0.0470**	**4.7000e-004**	**0.0124**	**5.6000e-004**	**0.0129**	**3.3800e-003**	**5.3000e-004**	**3.9100e-003**	**0.0000**	**46.9523**	**46.9523**	**3.1800e-003**	**0.0000**	**47.0320**

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					0.0228	0.0000	0.0228	0.0125	0.0000	0.0125	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0179	0.2018	0.0848	1.9000e-004		9.0300e-003	9.0300e-003		8.3100e-003	8.3100e-003	0.0000	16.6391	16.6391	5.3800e-003	0.0000	16.7737
Total	**0.0179**	**0.2018**	**0.0848**	**1.9000e-004**	**0.0228**	**9.0300e-003**	**0.0318**	**0.0125**	**8.3100e-003**	**0.0208**	**0.0000**	**16.6391**	**16.6391**	**5.3800e-003**	**0.0000**	**16.7737**

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	5.1200e-003	0.1722	0.0380	4.5000e-004	9.9700e-003	5.4000e-004	0.0105	2.7400e-003	5.1000e-004	3.2500e-003	0.0000	44.7054	44.7054	3.1100e-003	0.0000	44.7832
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0200e-003	8.2000e-004	9.0600e-003	2.0000e-005	2.4100e-003	2.0000e-005	2.4300e-003	6.4000e-004	2.0000e-005	6.6000e-004	0.0000	2.2470	2.2470	7.0000e-005	0.0000	2.2487
Total	**6.1400e-003**	**0.1731**	**0.0470**	**4.7000e-004**	**0.0124**	**5.6000e-004**	**0.0129**	**3.3800e-003**	**5.3000e-004**	**3.9100e-003**	**0.0000**	**46.9523**	**46.9523**	**3.1800e-003**	**0.0000**	**47.0320**

3.10 Trenching for Rehearsal Rooms - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0585	0.0000	0.0585	0.0319	0.0000	0.0319	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0179	0.2018	0.0848	1.9000e-004		9.0300e-003	9.0300e-003		8.3100e-003	8.3100e-003	0.0000	16.6392	16.6392	5.3800e-003	0.0000	16.7737
Total	**0.0179**	**0.2018**	**0.0848**	**1.9000e-004**	**0.0585**	**9.0300e-003**	**0.0675**	**0.0319**	**8.3100e-003**	**0.0402**	**0.0000**	**16.6392**	**16.6392**	**5.3800e-003**	**0.0000**	**16.7737**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5600e-003	0.0861	0.0190	2.3000e-004	4.9800e-003	2.7000e-004	5.2500e-003	1.3700e-003	2.6000e-004	1.6200e-003	0.0000	22.3527	22.3527	1.5600e-003	0.0000	22.3916
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-004	1.6000e-004	1.8100e-003	0.0000	4.8000e-004	0.0000	4.9000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.4494	0.4494	1.0000e-005	0.0000	0.4498
Total	**2.7600e-003**	**0.0863**	**0.0208**	**2.3000e-004**	**5.4600e-003**	**2.7000e-004**	**5.7400e-003**	**1.5000e-003**	**2.6000e-004**	**1.7500e-003**	**0.0000**	**22.8021**	**22.8021**	**1.5700e-003**	**0.0000**	**22.8414**

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					0.0228	0.0000	0.0228	0.0125	0.0000	0.0125	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0179	0.2018	0.0848	1.9000e-004		9.0300e-003	9.0300e-003		8.3100e-003	8.3100e-003	0.0000	16.6391	16.6391	5.3800e-003	0.0000	16.7737
Total	**0.0179**	**0.2018**	**0.0848**	**1.9000e-004**	**0.0228**	**9.0300e-003**	**0.0318**	**0.0125**	**8.3100e-003**	**0.0208**	**0.0000**	**16.6391**	**16.6391**	**5.3800e-003**	**0.0000**	**16.7737**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5600e-003	0.0861	0.0190	2.3000e-004	4.9800e-003	2.7000e-004	5.2500e-003	1.3700e-003	2.6000e-004	1.6200e-003	0.0000	22.3527	22.3527	1.5600e-003	0.0000	22.3916
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-004	1.6000e-004	1.8100e-003	0.0000	4.8000e-004	0.0000	4.9000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.4494	0.4494	1.0000e-005	0.0000	0.4498
Total	**2.7600e-003**	**0.0863**	**0.0208**	**2.3000e-004**	**5.4600e-003**	**2.7000e-004**	**5.7400e-003**	**1.5000e-003**	**2.6000e-004**	**1.7500e-003**	**0.0000**	**22.8021**	**22.8021**	**1.5700e-003**	**0.0000**	**22.8414**

3.11 Grading for Rehearsal Rooms - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0505	0.0000	0.0505	0.0274	0.0000	0.0274	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0149	0.1659	0.0710	1.5000e-004		7.5300e-003	7.5300e-003		6.9300e-003	6.9300e-003	0.0000	13.6286	13.6286	4.4100e-003	0.0000	13.7387
Total	**0.0149**	**0.1659**	**0.0710**	**1.5000e-004**	**0.0505**	**7.5300e-003**	**0.0580**	**0.0274**	**6.9300e-003**	**0.0343**	**0.0000**	**13.6286**	**13.6286**	**4.4100e-003**	**0.0000**	**13.7387**

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	6.4000e-003	0.2153	0.0475	5.7000e-004	0.0125	6.7000e-004	0.0131	3.4200e-003	6.4000e-004	4.0600e-003	0.0000	55.8817	55.8817	3.8900e-003	0.0000	55.9790
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-004	1.6000e-004	1.8100e-003	0.0000	4.8000e-004	0.0000	4.9000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.4494	0.4494	1.0000e-005	0.0000	0.4498
Total	**6.6000e-003**	**0.2155**	**0.0493**	**5.7000e-004**	**0.0129**	**6.7000e-004**	**0.0136**	**3.5500e-003**	**6.4000e-004**	**4.1900e-003**	**0.0000**	**56.3311**	**56.3311**	**3.9000e-003**	**0.0000**	**56.4288**

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					0.0197	0.0000	0.0197	0.0107	0.0000	0.0107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0149	0.1659	0.0710	1.5000e-004		7.5300e-003	7.5300e-003		6.9300e-003	6.9300e-003	0.0000	13.6285	13.6285	4.4100e-003	0.0000	13.7387
Total	**0.0149**	**0.1659**	**0.0710**	**1.5000e-004**	**0.0197**	**7.5300e-003**	**0.0272**	**0.0107**	**6.9300e-003**	**0.0176**	**0.0000**	**13.6285**	**13.6285**	**4.4100e-003**	**0.0000**	**13.7387**

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	6.4000e-003	0.2153	0.0475	5.7000e-004	0.0125	6.7000e-004	0.0131	3.4200e-003	6.4000e-004	4.0600e-003	0.0000	55.8817	55.8817	3.8900e-003	0.0000	55.9790
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-004	1.6000e-004	1.8100e-003	0.0000	4.8000e-004	0.0000	4.9000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.4494	0.4494	1.0000e-005	0.0000	0.4498
Total	**6.6000e-003**	**0.2155**	**0.0493**	**5.7000e-004**	**0.0129**	**6.7000e-004**	**0.0136**	**3.5500e-003**	**6.4000e-004**	**4.1900e-003**	**0.0000**	**56.3311**	**56.3311**	**3.9000e-003**	**0.0000**	**56.4288**

3.12 Building Construction for Rehearsal Rooms - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0893	0.6507	0.5803	9.7000e-004		0.0350	0.0350		0.0338	0.0338	0.0000	79.8785	79.8785	0.0148	0.0000	80.2493
Total	**0.0893**	**0.6507**	**0.5803**	**9.7000e-004**		**0.0350**	**0.0350**		**0.0338**	**0.0338**	**0.0000**	**79.8785**	**79.8785**	**0.0148**	**0.0000**	**80.2493**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5600e-003	0.0861	0.0190	2.3000e-004	4.9800e-003	2.7000e-004	5.2500e-003	1.3700e-003	2.6000e-004	1.6200e-003	0.0000	22.3527	22.3527	1.5600e-003	0.0000	22.3916
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	8.1000e-004	6.6000e-004	7.2400e-003	2.0000e-005	1.9300e-003	2.0000e-005	1.9500e-003	5.1000e-004	2.0000e-005	5.3000e-004	0.0000	1.7976	1.7976	6.0000e-005	0.0000	1.7990
Total	**3.3700e-003**	**0.0868**	**0.0262**	**2.5000e-004**	**6.9100e-003**	**2.9000e-004**	**7.2000e-003**	**1.8800e-003**	**2.8000e-004**	**2.1500e-003**	**0.0000**	**24.1503**	**24.1503**	**1.6200e-003**	**0.0000**	**24.1906**

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	0.0893	0.6507	0.5803	9.7000e-004		0.0350	0.0350		0.0338	0.0338	0.0000	79.8784	79.8784	0.0148	0.0000	80.2492
Total	**0.0893**	**0.6507**	**0.5803**	**9.7000e-004**		**0.0350**	**0.0350**		**0.0338**	**0.0338**	**0.0000**	**79.8784**	**79.8784**	**0.0148**	**0.0000**	**80.2492**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5600e-003	0.0861	0.0190	2.3000e-004	4.9800e-003	2.7000e-004	5.2500e-003	1.3700e-003	2.6000e-004	1.6200e-003	0.0000	22.3527	22.3527	1.5600e-003	0.0000	22.3916
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	8.1000e-004	6.6000e-004	7.2400e-003	2.0000e-005	1.9300e-003	2.0000e-005	1.9500e-003	5.1000e-004	2.0000e-005	5.3000e-004	0.0000	1.7976	1.7976	6.0000e-005	0.0000	1.7990
Total	**3.3700e-003**	**0.0868**	**0.0262**	**2.5000e-004**	**6.9100e-003**	**2.9000e-004**	**7.2000e-003**	**1.8800e-003**	**2.8000e-004**	**2.1500e-003**	**0.0000**	**24.1503**	**24.1503**	**1.6200e-003**	**0.0000**	**24.1906**

3.13 Architectural Coating for New Auditorium - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1331					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0160	0.1111	0.1209	2.0000e-004		7.3200e-003	7.3200e-003		7.3200e-003	7.3200e-003	0.0000	16.8515	16.8515	1.3000e-003	0.0000	16.8841
Total	**0.1491**	**0.1111**	**0.1209**	**2.0000e-004**		**7.3200e-003**	**7.3200e-003**		**7.3200e-003**	**7.3200e-003**	**0.0000**	**16.8515**	**16.8515**	**1.3000e-003**	**0.0000**	**16.8841**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5600e-003	0.0861	0.0190	2.3000e-004	4.9800e-003	2.7000e-004	5.2500e-003	1.3700e-003	2.6000e-004	1.6200e-003	0.0000	22.3527	22.3527	1.5600e-003	0.0000	22.3916
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	3.6600e-003	2.9500e-003	0.0326	9.0000e-005	8.6800e-003	7.0000e-005	8.7500e-003	2.3100e-003	7.0000e-005	2.3700e-003	0.0000	8.0891	8.0891	2.5000e-004	0.0000	8.0955
Total	**6.2200e-003**	**0.0891**	**0.0516**	**3.2000e-004**	**0.0137**	**3.4000e-004**	**0.0140**	**3.6800e-003**	**3.3000e-004**	**3.9900e-003**	**0.0000**	**30.4418**	**30.4418**	**1.8100e-003**	**0.0000**	**30.4871**

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	0.1331					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0160	0.1111	0.1209	2.0000e-004		7.3200e-003	7.3200e-003		7.3200e-003	7.3200e-003	0.0000	16.8515	16.8515	1.3000e-003	0.0000	16.8841
Total	**0.1491**	**0.1111**	**0.1209**	**2.0000e-004**		**7.3200e-003**	**7.3200e-003**		**7.3200e-003**	**7.3200e-003**	**0.0000**	**16.8515**	**16.8515**	**1.3000e-003**	**0.0000**	**16.8841**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5600e-003	0.0861	0.0190	2.3000e-004	4.9800e-003	2.7000e-004	5.2500e-003	1.3700e-003	2.6000e-004	1.6200e-003	0.0000	22.3527	22.3527	1.5600e-003	0.0000	22.3916
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	3.6600e-003	2.9500e-003	0.0326	9.0000e-005	8.6800e-003	7.0000e-005	8.7500e-003	2.3100e-003	7.0000e-005	2.3700e-003	0.0000	8.0891	8.0891	2.5000e-004	0.0000	8.0955
Total	**6.2200e-003**	**0.0891**	**0.0516**	**3.2000e-004**	**0.0137**	**3.4000e-004**	**0.0140**	**3.6800e-003**	**3.3000e-004**	**3.9900e-003**	**0.0000**	**30.4418**	**30.4418**	**1.8100e-003**	**0.0000**	**30.4871**

3.14 Demolition for Music Building - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.7600e-003	0.0000	2.7600e-003	4.2000e-004	0.0000	4.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0691	0.6808	0.4764	7.8000e-004		0.0375	0.0375		0.0350	0.0350	0.0000	68.4699	68.4699	0.0176	0.0000	68.9099
Total	**0.0691**	**0.6808**	**0.4764**	**7.8000e-004**	**2.7600e-003**	**0.0375**	**0.0402**	**4.2000e-004**	**0.0350**	**0.0354**	**0.0000**	**68.4699**	**68.4699**	**0.0176**	**0.0000**	**68.9099**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5600e-003	0.0861	0.0190	2.3000e-004	4.9800e-003	2.7000e-004	5.2500e-003	1.3700e-003	2.6000e-004	1.6200e-003	0.0000	22.3527	22.3527	1.5600e-003	0.0000	22.3916
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	6.0000e-004	4.8000e-004	5.3500e-003	1.0000e-005	1.4200e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.3278	1.3278	4.0000e-005	0.0000	1.3288
Total	**3.1600e-003**	**0.0866**	**0.0243**	**2.4000e-004**	**6.4000e-003**	**2.8000e-004**	**6.6900e-003**	**1.7500e-003**	**2.7000e-004**	**2.0100e-003**	**0.0000**	**23.6804**	**23.6804**	**1.6000e-003**	**0.0000**	**23.7204**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.0700e-003	0.0000	1.0700e-003	1.6000e-004	0.0000	1.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0691	0.6808	0.4764	7.8000e-004		0.0375	0.0375		0.0350	0.0350	0.0000	68.4698	68.4698	0.0176	0.0000	68.9098
Total	**0.0691**	**0.6808**	**0.4764**	**7.8000e-004**	**1.0700e-003**	**0.0375**	**0.0385**	**1.6000e-004**	**0.0350**	**0.0351**	**0.0000**	**68.4698**	**68.4698**	**0.0176**	**0.0000**	**68.9098**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5600e-003	0.0861	0.0190	2.3000e-004	4.9800e-003	2.7000e-004	5.2500e-003	1.3700e-003	2.6000e-004	1.6200e-003	0.0000	22.3527	22.3527	1.5600e-003	0.0000	22.3916
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	6.0000e-004	4.8000e-004	5.3500e-003	1.0000e-005	1.4200e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.3278	1.3278	4.0000e-005	0.0000	1.3288
Total	**3.1600e-003**	**0.0866**	**0.0243**	**2.4000e-004**	**6.4000e-003**	**2.8000e-004**	**6.6900e-003**	**1.7500e-003**	**2.7000e-004**	**2.0100e-003**	**0.0000**	**23.6804**	**23.6804**	**1.6000e-003**	**0.0000**	**23.7204**

3.15 Architectural Coating for Rehearsal Rooms - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1331					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.6600e-003	0.0185	0.0202	3.0000e-005		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003	0.0000	2.8086	2.8086	2.2000e-004	0.0000	2.8140
Total	**0.1358**	**0.0185**	**0.0202**	**3.0000e-005**		**1.2200e-003**	**1.2200e-003**		**1.2200e-003**	**1.2200e-003**	**0.0000**	**2.8086**	**2.8086**	**2.2000e-004**	**0.0000**	**2.8140**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.6800e-003	0.2584	0.0570	6.8000e-004	0.0150	8.0000e-004	0.0158	4.1100e-003	7.7000e-004	4.8700e-003	0.0000	67.0581	67.0581	4.6700e-003	0.0000	67.1748
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.1000e-004	3.3000e-004	3.6200e-003	1.0000e-005	9.6000e-004	1.0000e-005	9.7000e-004	2.6000e-004	1.0000e-005	2.6000e-004	0.0000	0.8988	0.8988	3.0000e-005	0.0000	0.8995
Total	**8.0900e-003**	**0.2587**	**0.0606**	**6.9000e-004**	**0.0159**	**8.1000e-004**	**0.0167**	**4.3700e-003**	**7.8000e-004**	**5.1300e-003**	**0.0000**	**67.9568**	**67.9568**	**4.7000e-003**	**0.0000**	**68.0743**

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	0.1331					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.6600e-003	0.0185	0.0202	3.0000e-005		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003	0.0000	2.8086	2.8086	2.2000e-004	0.0000	2.8140
Total	**0.1358**	**0.0185**	**0.0202**	**3.0000e-005**		**1.2200e-003**	**1.2200e-003**		**1.2200e-003**	**1.2200e-003**	**0.0000**	**2.8086**	**2.8086**	**2.2000e-004**	**0.0000**	**2.8140**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.6800e-003	0.2584	0.0570	6.8000e-004	0.0150	8.0000e-004	0.0158	4.1100e-003	7.7000e-004	4.8700e-003	0.0000	67.0581	67.0581	4.6700e-003	0.0000	67.1748
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.1000e-004	3.3000e-004	3.6200e-003	1.0000e-005	9.6000e-004	1.0000e-005	9.7000e-004	2.6000e-004	1.0000e-005	2.6000e-004	0.0000	0.8988	0.8988	3.0000e-005	0.0000	0.8995
Total	**8.0900e-003**	**0.2587**	**0.0606**	**6.9000e-004**	**0.0159**	**8.1000e-004**	**0.0167**	**4.3700e-003**	**7.8000e-004**	**5.1300e-003**	**0.0000**	**67.9568**	**67.9568**	**4.7000e-003**	**0.0000**	**68.0743**

3.16 Site Preparation for Music Building - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1165	0.0000	0.1165	0.0638	0.0000	0.0638	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0359	0.4036	0.1696	3.8000e-004		0.0181	0.0181		0.0166	0.0166	0.0000	33.2783	33.2783	0.0108	0.0000	33.5474
Total	**0.0359**	**0.4036**	**0.1696**	**3.8000e-004**	**0.1165**	**0.0181**	**0.1345**	**0.0638**	**0.0166**	**0.0804**	**0.0000**	**33.2783**	**33.2783**	**0.0108**	**0.0000**	**33.5474**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.7500e-003	0.1263	0.0278	3.3000e-004	7.4300e-003	3.9000e-004	7.8300e-003	2.0400e-003	3.8000e-004	2.4100e-003	0.0000	32.7839	32.7839	2.2800e-003	0.0000	32.8410
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.1000e-004	3.3000e-004	3.6200e-003	1.0000e-005	9.6000e-004	1.0000e-005	9.7000e-004	2.6000e-004	1.0000e-005	2.6000e-004	0.0000	0.8988	0.8988	3.0000e-005	0.0000	0.8995
Total	**4.1600e-003**	**0.1266**	**0.0315**	**3.4000e-004**	**8.3900e-003**	**4.0000e-004**	**8.8000e-003**	**2.3000e-003**	**3.9000e-004**	**2.6700e-003**	**0.0000**	**33.6827**	**33.6827**	**2.3100e-003**	**0.0000**	**33.7405**

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					0.0454	0.0000	0.0454	0.0249	0.0000	0.0249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0359	0.4036	0.1696	3.8000e-004		0.0181	0.0181		0.0166	0.0166	0.0000	33.2783	33.2783	0.0108	0.0000	33.5474
Total	**0.0359**	**0.4036**	**0.1696**	**3.8000e-004**	**0.0454**	**0.0181**	**0.0635**	**0.0249**	**0.0166**	**0.0415**	**0.0000**	**33.2783**	**33.2783**	**0.0108**	**0.0000**	**33.5474**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.7500e-003	0.1263	0.0278	3.3000e-004	7.4300e-003	3.9000e-004	7.8300e-003	2.0400e-003	3.8000e-004	2.4100e-003	0.0000	32.7839	32.7839	2.2800e-003	0.0000	32.8410
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.1000e-004	3.3000e-004	3.6200e-003	1.0000e-005	9.6000e-004	1.0000e-005	9.7000e-004	2.6000e-004	1.0000e-005	2.6000e-004	0.0000	0.8988	0.8988	3.0000e-005	0.0000	0.8995
Total	**4.1600e-003**	**0.1266**	**0.0315**	**3.4000e-004**	**8.3900e-003**	**4.0000e-004**	**8.8000e-003**	**2.3000e-003**	**3.9000e-004**	**2.6700e-003**	**0.0000**	**33.6827**	**33.6827**	**2.3100e-003**	**0.0000**	**33.7405**

3.16 Site Preparation for Music Building - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.1600e-003	0.0000	3.1600e-003	1.5100e-003	0.0000	1.5100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.8000e-004	8.7100e-003	3.7800e-003	1.0000e-005		3.8000e-004	3.8000e-004		3.5000e-004	3.5000e-004	0.0000	0.7559	0.7559	2.4000e-004	0.0000	0.7620
Total	**7.8000e-004**	**8.7100e-003**	**3.7800e-003**	**1.0000e-005**	**3.1600e-003**	**3.8000e-004**	**3.5400e-003**	**1.5100e-003**	**3.5000e-004**	**1.8600e-003**	**0.0000**	**0.7559**	**0.7559**	**2.4000e-004**	**0.0000**	**0.7620**

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	8.0000e-005	2.6800e-003	6.2000e-004	1.0000e-005	5.6600e-003	1.0000e-005	5.6700e-003	1.3900e-003	1.0000e-005	1.4000e-003	0.0000	0.7369	0.7369	5.0000e-005	0.0000	0.7382
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-005	1.0000e-005	8.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0198	0.0198	0.0000	0.0000	0.0198
Total	**9.0000e-005**	**2.6900e-003**	**7.0000e-004**	**1.0000e-005**	**5.6800e-003**	**1.0000e-005**	**5.6900e-003**	**1.4000e-003**	**1.0000e-005**	**1.4100e-003**	**0.0000**	**0.7567**	**0.7567**	**5.0000e-005**	**0.0000**	**0.7580**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.2300e-003	0.0000	1.2300e-003	5.9000e-004	0.0000	5.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.8000e-004	8.7100e-003	3.7800e-003	1.0000e-005		3.8000e-004	3.8000e-004		3.5000e-004	3.5000e-004	0.0000	0.7559	0.7559	2.4000e-004	0.0000	0.7620
Total	**7.8000e-004**	**8.7100e-003**	**3.7800e-003**	**1.0000e-005**	**1.2300e-003**	**3.8000e-004**	**1.6100e-003**	**5.9000e-004**	**3.5000e-004**	**9.4000e-004**	**0.0000**	**0.7559**	**0.7559**	**2.4000e-004**	**0.0000**	**0.7620**

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	8.0000e-005	2.6800e-003	6.2000e-004	1.0000e-005	5.6600e-003	1.0000e-005	5.6700e-003	1.3900e-003	1.0000e-005	1.4000e-003	0.0000	0.7369	0.7369	5.0000e-005	0.0000	0.7382
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-005	1.0000e-005	8.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0198	0.0198	0.0000	0.0000	0.0198
Total	**9.0000e-005**	**2.6900e-003**	**7.0000e-004**	**1.0000e-005**	**5.6800e-003**	**1.0000e-005**	**5.6900e-003**	**1.4000e-003**	**1.0000e-005**	**1.4100e-003**	**0.0000**	**0.7567**	**0.7567**	**5.0000e-005**	**0.0000**	**0.7580**

3.17 Trenching for Music Building - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1165	0.0000	0.1165	0.0638	0.0000	0.0638	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0359	0.4036	0.1696	3.8000e-004		0.0181	0.0181		0.0166	0.0166	0.0000	33.2783	33.2783	0.0108	0.0000	33.5474
Total	**0.0359**	**0.4036**	**0.1696**	**3.8000e-004**	**0.1165**	**0.0181**	**0.1345**	**0.0638**	**0.0166**	**0.0804**	**0.0000**	**33.2783**	**33.2783**	**0.0108**	**0.0000**	**33.5474**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.5100e-003	0.2526	0.0557	6.7000e-004	0.0149	7.9000e-004	0.0157	4.0800e-003	7.5000e-004	4.8300e-003	0.0000	65.5679	65.5679	4.5700e-003	0.0000	65.6821
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.1000e-004	3.3000e-004	3.6200e-003	1.0000e-005	9.6000e-004	1.0000e-005	9.7000e-004	2.6000e-004	1.0000e-005	2.6000e-004	0.0000	0.8988	0.8988	3.0000e-005	0.0000	0.8995
Total	**7.9200e-003**	**0.2530**	**0.0593**	**6.8000e-004**	**0.0158**	**8.0000e-004**	**0.0166**	**4.3400e-003**	**7.6000e-004**	**5.0900e-003**	**0.0000**	**66.4667**	**66.4667**	**4.6000e-003**	**0.0000**	**66.5816**

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					0.0454	0.0000	0.0454	0.0249	0.0000	0.0249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0359	0.4036	0.1696	3.8000e-004		0.0181	0.0181		0.0166	0.0166	0.0000	33.2783	33.2783	0.0108	0.0000	33.5474
Total	**0.0359**	**0.4036**	**0.1696**	**3.8000e-004**	**0.0454**	**0.0181**	**0.0635**	**0.0249**	**0.0166**	**0.0415**	**0.0000**	**33.2783**	**33.2783**	**0.0108**	**0.0000**	**33.5474**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.5100e-003	0.2526	0.0557	6.7000e-004	0.0149	7.9000e-004	0.0157	4.0800e-003	7.5000e-004	4.8300e-003	0.0000	65.5679	65.5679	4.5700e-003	0.0000	65.6821
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.1000e-004	3.3000e-004	3.6200e-003	1.0000e-005	9.6000e-004	1.0000e-005	9.7000e-004	2.6000e-004	1.0000e-005	2.6000e-004	0.0000	0.8988	0.8988	3.0000e-005	0.0000	0.8995
Total	**7.9200e-003**	**0.2530**	**0.0593**	**6.8000e-004**	**0.0158**	**8.0000e-004**	**0.0166**	**4.3400e-003**	**7.6000e-004**	**5.0900e-003**	**0.0000**	**66.4667**	**66.4667**	**4.6000e-003**	**0.0000**	**66.5816**

3.17 Trenching for Music Building - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.1600e-003	0.0000	3.1600e-003	1.5100e-003	0.0000	1.5100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.8000e-004	8.7100e-003	3.7800e-003	1.0000e-005		3.8000e-004	3.8000e-004		3.5000e-004	3.5000e-004	0.0000	0.7559	0.7559	2.4000e-004	0.0000	0.7620
Total	**7.8000e-004**	**8.7100e-003**	**3.7800e-003**	**1.0000e-005**	**3.1600e-003**	**3.8000e-004**	**3.5400e-003**	**1.5100e-003**	**3.5000e-004**	**1.8600e-003**	**0.0000**	**0.7559**	**0.7559**	**2.4000e-004**	**0.0000**	**0.7620**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.6000e-004	5.3500e-003	1.2500e-003	1.0000e-005	0.0113	2.0000e-005	0.0113	2.7900e-003	2.0000e-005	2.8000e-003	0.0000	1.4738	1.4738	1.0000e-004	0.0000	1.4763
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-005	1.0000e-005	8.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0198	0.0198	0.0000	0.0000	0.0198
Total	**1.7000e-004**	**5.3600e-003**	**1.3300e-003**	**1.0000e-005**	**0.0113**	**2.0000e-005**	**0.0114**	**2.8000e-003**	**2.0000e-005**	**2.8100e-003**	**0.0000**	**1.4936**	**1.4936**	**1.0000e-004**	**0.0000**	**1.4961**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.2300e-003	0.0000	1.2300e-003	5.9000e-004	0.0000	5.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.8000e-004	8.7100e-003	3.7800e-003	1.0000e-005		3.8000e-004	3.8000e-004		3.5000e-004	3.5000e-004	0.0000	0.7559	0.7559	2.4000e-004	0.0000	0.7620
Total	**7.8000e-004**	**8.7100e-003**	**3.7800e-003**	**1.0000e-005**	**1.2300e-003**	**3.8000e-004**	**1.6100e-003**	**5.9000e-004**	**3.5000e-004**	**9.4000e-004**	**0.0000**	**0.7559**	**0.7559**	**2.4000e-004**	**0.0000**	**0.7620**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.6000e-004	5.3500e-003	1.2500e-003	1.0000e-005	0.0113	2.0000e-005	0.0113	2.7900e-003	2.0000e-005	2.8000e-003	0.0000	1.4738	1.4738	1.0000e-004	0.0000	1.4763
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-005	1.0000e-005	8.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0198	0.0198	0.0000	0.0000	0.0198
Total	**1.7000e-004**	**5.3600e-003**	**1.3300e-003**	**1.0000e-005**	**0.0113**	**2.0000e-005**	**0.0114**	**2.8000e-003**	**2.0000e-005**	**2.8100e-003**	**0.0000**	**1.4936**	**1.4936**	**1.0000e-004**	**0.0000**	**1.4961**

3.18 Grading for Music Building - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1002	0.0000	0.1002	0.0547	0.0000	0.0547	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0297	0.3319	0.1420	3.1000e-004		0.0151	0.0151		0.0139	0.0139	0.0000	27.2571	27.2571	8.8200e-003	0.0000	27.4775
Total	**0.0297**	**0.3319**	**0.1420**	**3.1000e-004**	**0.1002**	**0.0151**	**0.1152**	**0.0547**	**0.0139**	**0.0686**	**0.0000**	**27.2571**	**27.2571**	**8.8200e-003**	**0.0000**	**27.4775**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5000e-003	0.0842	0.0186	2.2000e-004	4.9600e-003	2.6000e-004	5.2200e-003	1.3600e-003	2.5000e-004	1.6100e-003	0.0000	21.8560	21.8560	1.5200e-003	0.0000	21.8940
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.1000e-004	3.3000e-004	3.6200e-003	1.0000e-005	9.6000e-004	1.0000e-005	9.7000e-004	2.6000e-004	1.0000e-005	2.6000e-004	0.0000	0.8988	0.8988	3.0000e-005	0.0000	0.8995
Total	**2.9100e-003**	**0.0845**	**0.0222**	**2.3000e-004**	**5.9200e-003**	**2.7000e-004**	**6.1900e-003**	**1.6200e-003**	**2.6000e-004**	**1.8700e-003**	**0.0000**	**22.7548**	**22.7548**	**1.5500e-003**	**0.0000**	**22.7935**

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					0.0391	0.0000	0.0391	0.0213	0.0000	0.0213	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0297	0.3319	0.1420	3.1000e-004		0.0151	0.0151		0.0139	0.0139	0.0000	27.2571	27.2571	8.8200e-003	0.0000	27.4775
Total	**0.0297**	**0.3319**	**0.1420**	**3.1000e-004**	**0.0391**	**0.0151**	**0.0541**	**0.0213**	**0.0139**	**0.0352**	**0.0000**	**27.2571**	**27.2571**	**8.8200e-003**	**0.0000**	**27.4775**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5000e-003	0.0842	0.0186	2.2000e-004	4.9600e-003	2.6000e-004	5.2200e-003	1.3600e-003	2.5000e-004	1.6100e-003	0.0000	21.8560	21.8560	1.5200e-003	0.0000	21.8940
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.1000e-004	3.3000e-004	3.6200e-003	1.0000e-005	9.6000e-004	1.0000e-005	9.7000e-004	2.6000e-004	1.0000e-005	2.6000e-004	0.0000	0.8988	0.8988	3.0000e-005	0.0000	0.8995
Total	**2.9100e-003**	**0.0845**	**0.0222**	**2.3000e-004**	**5.9200e-003**	**2.7000e-004**	**6.1900e-003**	**1.6200e-003**	**2.6000e-004**	**1.8700e-003**	**0.0000**	**22.7548**	**22.7548**	**1.5500e-003**	**0.0000**	**22.7935**

3.18 Grading for Music Building - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.0500e-003	0.0000	3.0500e-003	1.3300e-003	0.0000	1.3300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.4000e-004	7.1700e-003	3.1700e-003	1.0000e-005		3.2000e-004	3.2000e-004		2.9000e-004	2.9000e-004	0.0000	0.6192	0.6192	2.0000e-004	0.0000	0.6242
Total	**6.4000e-004**	**7.1700e-003**	**3.1700e-003**	**1.0000e-005**	**3.0500e-003**	**3.2000e-004**	**3.3700e-003**	**1.3300e-003**	**2.9000e-004**	**1.6200e-003**	**0.0000**	**0.6192**	**0.6192**	**2.0000e-004**	**0.0000**	**0.6242**

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	5.0000e-005	1.7800e-003	4.2000e-004	0.0000	3.7700e-003	1.0000e-005	3.7800e-003	9.3000e-004	1.0000e-005	9.3000e-004	0.0000	0.4913	0.4913	3.0000e-005	0.0000	0.4921
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-005	1.0000e-005	8.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0198	0.0198	0.0000	0.0000	0.0198
Total	**6.0000e-005**	**1.7900e-003**	**5.0000e-004**	**0.0000**	**3.7900e-003**	**1.0000e-005**	**3.8000e-003**	**9.4000e-004**	**1.0000e-005**	**9.4000e-004**	**0.0000**	**0.5110**	**0.5110**	**3.0000e-005**	**0.0000**	**0.5119**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.1900e-003	0.0000	1.1900e-003	5.2000e-004	0.0000	5.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.4000e-004	7.1700e-003	3.1700e-003	1.0000e-005		3.2000e-004	3.2000e-004		2.9000e-004	2.9000e-004	0.0000	0.6192	0.6192	2.0000e-004	0.0000	0.6242
Total	**6.4000e-004**	**7.1700e-003**	**3.1700e-003**	**1.0000e-005**	**1.1900e-003**	**3.2000e-004**	**1.5100e-003**	**5.2000e-004**	**2.9000e-004**	**8.1000e-004**	**0.0000**	**0.6192**	**0.6192**	**2.0000e-004**	**0.0000**	**0.6242**

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	5.0000e-005	1.7800e-003	4.2000e-004	0.0000	3.7700e-003	1.0000e-005	3.7800e-003	9.3000e-004	1.0000e-005	9.3000e-004	0.0000	0.4913	0.4913	3.0000e-005	0.0000	0.4921
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-005	1.0000e-005	8.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0198	0.0198	0.0000	0.0000	0.0198
Total	**6.0000e-005**	**1.7900e-003**	**5.0000e-004**	**0.0000**	**3.7900e-003**	**1.0000e-005**	**3.8000e-003**	**9.4000e-004**	**1.0000e-005**	**9.4000e-004**	**0.0000**	**0.5110**	**0.5110**	**3.0000e-005**	**0.0000**	**0.5119**

3.19 Building Construction for Music Building - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1776	1.3363	1.2641	2.1600e-003		0.0671	0.0671		0.0648	0.0648	0.0000	177.9167	177.9167	0.0318	0.0000	178.7107
Total	**0.1776**	**1.3363**	**1.2641**	**2.1600e-003**		**0.0671**	**0.0671**		**0.0648**	**0.0648**	**0.0000**	**177.9167**	**177.9167**	**0.0318**	**0.0000**	**178.7107**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.3300e-003	0.2408	0.0562	6.7000e-004	0.0150	7.2000e-004	0.0157	4.1100e-003	6.9000e-004	4.8000e-003	0.0000	66.3198	66.3198	4.6000e-003	0.0000	66.4349
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	0.0169	0.0131	0.1482	4.3000e-004	0.0430	3.5000e-004	0.0433	0.0114	3.3000e-004	0.0117	0.0000	38.7656	38.7656	1.1400e-003	0.0000	38.7941
Total	**0.0242**	**0.2540**	**0.2044**	**1.1000e-003**	**0.0579**	**1.0700e-003**	**0.0590**	**0.0155**	**1.0200e-003**	**0.0165**	**0.0000**	**105.0853**	**105.0853**	**5.7400e-003**	**0.0000**	**105.2289**

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	0.1776	1.3363	1.2641	2.1600e-003		0.0671	0.0671		0.0648	0.0648	0.0000	177.9165	177.9165	0.0318	0.0000	178.7105
Total	**0.1776**	**1.3363**	**1.2641**	**2.1600e-003**		**0.0671**	**0.0671**		**0.0648**	**0.0648**	**0.0000**	**177.9165**	**177.9165**	**0.0318**	**0.0000**	**178.7105**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.3300e-003	0.2408	0.0562	6.7000e-004	0.0150	7.2000e-004	0.0157	4.1100e-003	6.9000e-004	4.8000e-003	0.0000	66.3198	66.3198	4.6000e-003	0.0000	66.4349
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	0.0169	0.0131	0.1482	4.3000e-004	0.0430	3.5000e-004	0.0433	0.0114	3.3000e-004	0.0117	0.0000	38.7656	38.7656	1.1400e-003	0.0000	38.7941
Total	**0.0242**	**0.2540**	**0.2044**	**1.1000e-003**	**0.0579**	**1.0700e-003**	**0.0590**	**0.0155**	**1.0200e-003**	**0.0165**	**0.0000**	**105.0853**	**105.0853**	**5.7400e-003**	**0.0000**	**105.2289**

3.20 Architectural Coating for Music Building - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0998					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.2200e-003	0.0504	0.0600	1.0000e-004		3.1100e-003	3.1100e-003		3.1100e-003	3.1100e-003	0.0000	8.4257	8.4257	5.8000e-004	0.0000	8.4402
Total	**0.1070**	**0.0504**	**0.0600**	**1.0000e-004**		**3.1100e-003**	**3.1100e-003**		**3.1100e-003**	**3.1100e-003**	**0.0000**	**8.4257**	**8.4257**	**5.8000e-004**	**0.0000**	**8.4402**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.7500e-003	0.0903	0.0211	2.5000e-004	7.0100e-003	2.7000e-004	7.2800e-003	1.8800e-003	2.6000e-004	2.1400e-003	0.0000	24.8699	24.8699	1.7300e-003	0.0000	24.9131
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	2.8400e-003	2.2100e-003	0.0250	7.0000e-005	7.2300e-003	6.0000e-005	7.2900e-003	1.9200e-003	5.0000e-005	1.9800e-003	0.0000	6.5269	6.5269	1.9000e-004	0.0000	6.5317
Total	**5.5900e-003**	**0.0925**	**0.0460**	**3.2000e-004**	**0.0142**	**3.3000e-004**	**0.0146**	**3.8000e-003**	**3.1000e-004**	**4.1200e-003**	**0.0000**	**31.3968**	**31.3968**	**1.9200e-003**	**0.0000**	**31.4447**

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	0.0998					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.2200e-003	0.0504	0.0600	1.0000e-004		3.1100e-003	3.1100e-003		3.1100e-003	3.1100e-003	0.0000	8.4257	8.4257	5.8000e-004	0.0000	8.4402
Total	**0.1070**	**0.0504**	**0.0600**	**1.0000e-004**		**3.1100e-003**	**3.1100e-003**		**3.1100e-003**	**3.1100e-003**	**0.0000**	**8.4257**	**8.4257**	**5.8000e-004**	**0.0000**	**8.4402**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.7500e-003	0.0903	0.0211	2.5000e-004	7.0100e-003	2.7000e-004	7.2800e-003	1.8800e-003	2.6000e-004	2.1400e-003	0.0000	24.8699	24.8699	1.7300e-003	0.0000	24.9131
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	2.8400e-003	2.2100e-003	0.0250	7.0000e-005	7.2300e-003	6.0000e-005	7.2900e-003	1.9200e-003	5.0000e-005	1.9800e-003	0.0000	6.5269	6.5269	1.9000e-004	0.0000	6.5317
Total	**5.5900e-003**	**0.0925**	**0.0460**	**3.2000e-004**	**0.0142**	**3.3000e-004**	**0.0146**	**3.8000e-003**	**3.1000e-004**	**4.1200e-003**	**0.0000**	**31.3968**	**31.3968**	**1.9200e-003**	**0.0000**	**31.4447**

3.20 Architectural Coating for Music Building - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0333					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.2500e-003	0.0155	0.0200	3.0000e-005		9.0000e-004	9.0000e-004		9.0000e-004	9.0000e-004	0.0000	2.8086	2.8086	1.8000e-004	0.0000	2.8132
Total	**0.0355**	**0.0155**	**0.0200**	**3.0000e-005**		**9.0000e-004**	**9.0000e-004**		**9.0000e-004**	**9.0000e-004**	**0.0000**	**2.8086**	**2.8086**	**1.8000e-004**	**0.0000**	**2.8132**

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	8.7000e-004	0.0279	6.9400e-003	8.0000e-005	6.0900e-003	8.0000e-005	6.1600e-003	1.5500e-003	7.0000e-005	1.6200e-003	0.0000	8.1914	8.1914	5.7000e-004	0.0000	8.2056
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	8.9000e-004	6.7000e-004	7.6700e-003	2.0000e-005	2.4100e-003	2.0000e-005	2.4300e-003	6.4000e-004	2.0000e-005	6.6000e-004	0.0000	2.0991	2.0991	6.0000e-005	0.0000	2.1006
Total	**1.7600e-003**	**0.0286**	**0.0146**	**1.0000e-004**	**8.5000e-003**	**1.0000e-004**	**8.5900e-003**	**2.1900e-003**	**9.0000e-005**	**2.2800e-003**	**0.0000**	**10.2905**	**10.2905**	**6.3000e-004**	**0.0000**	**10.3061**

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	0.0333					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.2500e-003	0.0155	0.0200	3.0000e-005		9.0000e-004	9.0000e-004		9.0000e-004	9.0000e-004	0.0000	2.8086	2.8086	1.8000e-004	0.0000	2.8132
Total	**0.0355**	**0.0155**	**0.0200**	**3.0000e-005**		**9.0000e-004**	**9.0000e-004**		**9.0000e-004**	**9.0000e-004**	**0.0000**	**2.8086**	**2.8086**	**1.8000e-004**	**0.0000**	**2.8132**

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	8.7000e-004	0.0279	6.9400e-003	8.0000e-005	6.0900e-003	8.0000e-005	6.1600e-003	1.5500e-003	7.0000e-005	1.6200e-003	0.0000	8.1914	8.1914	5.7000e-004	0.0000	8.2056
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	8.9000e-004	6.7000e-004	7.6700e-003	2.0000e-005	2.4100e-003	2.0000e-005	2.4300e-003	6.4000e-004	2.0000e-005	6.6000e-004	0.0000	2.0991	2.0991	6.0000e-005	0.0000	2.1006
Total	**1.7600e-003**	**0.0286**	**0.0146**	**1.0000e-004**	**8.5000e-003**	**1.0000e-004**	**8.5900e-003**	**2.1900e-003**	**9.0000e-005**	**2.2800e-003**	**0.0000**	**10.2905**	**10.2905**	**6.3000e-004**	**0.0000**	**10.3061**

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Santa Monica Malibu USD JAMS

Los Angeles-South Coast County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating for Music Building	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating for New Auditorium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating for Rehearsal Rooms	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction for Music Building	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction for New Auditorium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction for Rehearsal Rooms	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Demolition for Music Building	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Demolition for New Auditorium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grading for Music Building	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grading for New Auditorium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grading for Rehearsal Rooms	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Remodel of Building J	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Remodel of Building J Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation for Music Building	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation for New Auditorium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation for Rehearsal Rooms	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Trenching for Music Building	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Trenching for New Auditorium	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Trenching for Rehearsal Rooms	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	No Change	0	3	No Change	0.00
Concrete/Industrial Saws	Diesel	No Change	0	2	No Change	0.00
Cranes	Diesel	No Change	0	5	No Change	0.00
Forklifts	Diesel	No Change	0	5	No Change	0.00
Generator Sets	Diesel	No Change	0	5	No Change	0.00
Graders	Diesel	No Change	0	9	No Change	0.00
Rubber Tired Dozers	Diesel	No Change	0	11	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	No Change	0	20	No Change	0.00
Welders	Diesel	No Change	0	15	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Air Compressors	2.81200E-002	1.95530E-001	2.20950E-001	3.60000E-004	1.25500E-002	1.25500E-002	0.00000E+000	3.08944E+001	3.08944E+001	2.28000E-003	0.00000E+000	3.09515E+001
Concrete/Industrial Saws	3.07300E-002	2.36400E-001	2.42710E-001	4.10000E-004	1.52500E-002	1.52500E-002	0.00000E+000	3.52165E+001	3.52165E+001	2.48000E-003	0.00000E+000	3.52785E+001
Cranes	1.02780E-001	1.21877E+000	4.79150E-001	1.30000E-003	5.05600E-002	4.65200E-002	0.00000E+000	1.14735E+002	1.14735E+002	3.68300E-002	0.00000E+000	1.15656E+002
Forklifts	3.25000E-002	2.92860E-001	2.65280E-001	3.40000E-004	2.18400E-002	2.00900E-002	0.00000E+000	3.03957E+001	3.03957E+001	9.76000E-003	0.00000E+000	3.06396E+001
Generator Sets	1.20070E-001	1.04205E+000	1.10958E+000	1.97000E-003	5.90300E-002	5.90300E-002	0.00000E+000	1.69280E+002	1.69280E+002	9.65000E-003	0.00000E+000	1.69521E+002
Graders	7.32500E-002	9.80260E-001	2.78290E-001	1.01000E-003	3.13900E-002	2.88700E-002	0.00000E+000	8.98072E+001	8.98072E+001	2.87900E-002	0.00000E+000	9.05270E+001
Rubber Tired Dozers	2.26330E-001	2.39549E+000	8.60230E-001	1.74000E-003	1.17020E-001	1.07660E-001	0.00000E+000	1.55186E+002	1.55186E+002	4.95800E-002	0.00000E+000	1.56425E+002
Tractors/Loaders/Backhoes	1.28870E-001	1.29131E+000	1.33121E+000	1.80000E-003	8.41900E-002	7.74500E-002	0.00000E+000	1.60393E+002	1.60393E+002	5.12600E-002	0.00000E+000	1.61674E+002
Welders	3.09080E-001	1.40984E+000	1.58590E+000	2.30000E-003	7.82600E-002	7.82600E-002	0.00000E+000	1.69116E+002	1.69116E+002	2.51500E-002	0.00000E+000	1.69745E+002

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Mitigated tons/yr						Mitigated mt/yr					
Air Compressors	2.81200E-002	1.95530E-001	2.20950E-001	3.60000E-004	1.25500E-002	1.25500E-002	0.00000E+000	3.08943E+001	3.08943E+001	2.28000E-003	0.00000E+000	3.09514E+001
Concrete/Industrial Saws	3.07300E-002	2.36400E-001	2.42710E-001	4.10000E-004	1.52500E-002	1.52500E-002	0.00000E+000	3.52165E+001	3.52165E+001	2.48000E-003	0.00000E+000	3.52785E+001
Cranes	1.02780E-001	1.21876E+000	4.79150E-001	1.30000E-003	5.05600E-002	4.65200E-002	0.00000E+000	1.14735E+002	1.14735E+002	3.68300E-002	0.00000E+000	1.15656E+002
Forklifts	3.25000E-002	2.92860E-001	2.65280E-001	3.40000E-004	2.18400E-002	2.00900E-002	0.00000E+000	3.03957E+001	3.03957E+001	9.76000E-003	0.00000E+000	3.06396E+001
Generator Sets	1.20060E-001	1.04205E+000	1.10957E+000	1.97000E-003	5.90300E-002	5.90300E-002	0.00000E+000	1.69279E+002	1.69279E+002	9.65000E-003	0.00000E+000	1.69521E+002
Graders	7.32500E-002	9.80250E-001	2.78290E-001	1.01000E-003	3.13900E-002	2.88700E-002	0.00000E+000	8.98071E+001	8.98071E+001	2.87900E-002	0.00000E+000	9.05269E+001
Rubber Tired Dozers	2.26330E-001	2.39549E+000	8.60230E-001	1.74000E-003	1.17020E-001	1.07660E-001	0.00000E+000	1.55185E+002	1.55185E+002	4.95800E-002	0.00000E+000	1.56425E+002
Tractors/Loaders/Backhoes	1.28870E-001	1.29130E+000	1.33121E+000	1.80000E-003	8.41900E-002	7.74500E-002	0.00000E+000	1.60393E+002	1.60393E+002	5.12600E-002	0.00000E+000	1.61674E+002
Welders	3.09080E-001	1.40984E+000	1.58590E+000	2.30000E-003	7.82600E-002	7.82600E-002	0.00000E+000	1.69116E+002	1.69116E+002	2.51500E-002	0.00000E+000	1.69745E+002

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Percent Reduction											
Air Compressors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.29473E-006	1.29473E-006	0.00000E+000	0.00000E+000	1.29235E-006
Concrete/Industrial Saws	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.13583E-006	1.13583E-006	0.00000E+000	0.00000E+000	1.13384E-006
Cranes	0.00000E+000	8.20499E-006	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.13304E-006	1.13304E-006	0.00000E+000	0.00000E+000	1.21049E-006
Forklifts	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.31597E-006	1.31597E-006	0.00000E+000	0.00000E+000	1.30550E-006
Generator Sets	8.32848E-005	0.00000E+000	9.01242E-006	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.18148E-006	1.18148E-006	0.00000E+000	0.00000E+000	1.17980E-006
Graders	0.00000E+000	1.02014E-005	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.22485E-006	1.22485E-006	0.00000E+000	0.00000E+000	1.21511E-006
Rubber Tired Dozers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.15990E-006	1.15990E-006	0.00000E+000	0.00000E+000	1.21464E-006
Tractors/Loaders/Backhoes	0.00000E+000	7.74407E-006	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.18459E-006	1.18459E-006	0.00000E+000	0.00000E+000	1.23706E-006
Welders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.18262E-006	1.18262E-006	0.00000E+000	0.00000E+000	1.17824E-006

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input		Mitigation Input		Mitigation Input	
No	Soil Stabilizer for unpaved Roads	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
Yes	Water Exposed Area	PM10 Reduction	61.00	PM2.5 Reduction	61.00	Frequency (per day)	3.00
No	Unpaved Road Mitigation	Moisture Content %	0.00	Vehicle Speed (mph)	0.00		
No	Clean Paved Road	% PM Reduction	0.00				

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Architectural Coating for Music Building	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating for Music Building	Roads	0.02	0.01	0.02	0.01	0.00	0.00
Architectural Coating for New Auditorium	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating for New Auditorium	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Architectural Coating for Rehearsal Rooms	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating for Rehearsal Rooms	Roads	0.02	0.00	0.02	0.00	0.00	0.00
Building Construction for Music Building	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction for Music Building	Roads	0.06	0.02	0.06	0.02	0.00	0.00
Building Construction for New Auditorium	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction for New Auditorium	Roads	0.08	0.02	0.08	0.02	0.00	0.00
Building Construction for Rehearsal Rooms	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction for Rehearsal Rooms	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Demolition for Music Building	Fugitive Dust	0.00	0.00	0.00	0.00	0.61	0.62
Demolition for Music Building	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Demolition for New Auditorium	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
Demolition for New Auditorium	Roads	0.02	0.00	0.02	0.00	0.00	0.00
Grading for Music Building	Fugitive Dust	0.10	0.06	0.04	0.02	0.61	0.61
Grading for Music Building	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Grading for New Auditorium	Fugitive Dust	0.10	0.05	0.04	0.02	0.61	0.61
Grading for New Auditorium	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Grading for Rehearsal Rooms	Fugitive Dust	0.05	0.03	0.02	0.01	0.61	0.61
Grading for Rehearsal Rooms	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Remodel of Building J	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Remodel of Building J	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Remodel of Building J Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Remodel of Building J Architectural Coating	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Site Preparation for Music Building	Fugitive Dust	0.12	0.07	0.05	0.03	0.61	0.61
Site Preparation for Music Building	Roads	0.01	0.00	0.01	0.00	0.00	0.00

Site Preparation for New Auditorium	Fugitive Dust	0.12	0.06	0.05	0.02	0.61	0.61
Site Preparation for New Auditorium	Roads	0.03	0.01	0.03	0.01	0.00	0.00
Site Preparation for Rehearsal Rooms	Fugitive Dust	0.06	0.03	0.02	0.01	0.61	0.61
Site Preparation for Rehearsal Rooms	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Trenching for Music Building	Fugitive Dust	0.12	0.07	0.05	0.03	0.61	0.61
Trenching for Music Building	Roads	0.03	0.01	0.03	0.01	0.00	0.00
Trenching for New Auditorium	Fugitive Dust	0.12	0.06	0.05	0.02	0.61	0.61
Trenching for New Auditorium	Roads	0.03	0.01	0.03	0.01	0.00	0.00
Trenching for Rehearsal Rooms	Fugitive Dust	0.06	0.03	0.02	0.01	0.61	0.61
Trenching for Rehearsal Rooms	Roads	0.01	0.00	0.01	0.00	0.00	0.00

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.18	0.45		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			
No	Neighborhood Enhancements	Improve Pedestrian Network				
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.00			
No	Commute	Implement Trip Reduction Program				
No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"				
No	Commute	Workplace Parking Charge				

No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00			
No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program				
	Commute	Commute Subtotal	0.00			
No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.00			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	50.00
No	Use Low VOC Paint (Residential Exterior)	50.00
No	Use Low VOC Paint (Non-residential Interior)	100.00
No	Use Low VOC Paint (Non-residential Exterior)	100.00
No	Use Low VOC Paint (Parking)	100.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water		
No	Use Grey Water		
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction		
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape		

Solid Waste Mitigation

Mitigation Measures	Input Value
Institute Recycling and Composting Services	
Percent Reduction in Waste Disposed	

CalEEMod Version: CalEEMod.2016.3.2

Date: 1/25/2018 11:04 PM

Santa Monica Malibu USD JAMS

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Junior High School	8.72	1000sqft	0.00	8,716.00	0
Arena	20.00	1000sqft	1.07	20,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2023
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Land Use - Acreage represents total site.

Off-road Equipment - Applicant provided information

Vehicle Trips - Construction Emissions Only

Construction Off-road Equipment Mitigation - mitigation

Trips and VMT - Transpo 2018

Energy Use - Construction Emissions Only

Water And Wastewater - Construction Emissions Only

Solid Waste - Construction Emissions Only

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	13.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	34.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	15.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
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tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
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tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
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tblConstructionPhase	NumDays	10.00	22.00
tblConstructionPhase	NumDays	10.00	88.00
tblConstructionPhase	NumDays	200.00	88.00

tblConstructionPhase	NumDays	200.00	196.00
tblConstructionPhase	NumDays	200.00	65.00
tblConstructionPhase	NumDays	200.00	75.00
tblConstructionPhase	NumDays	200.00	175.00
tblConstructionPhase	NumDays	20.00	66.00
tblConstructionPhase	NumDays	20.00	65.00
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tblConstructionPhase	NumDays	2.00	44.00
tblConstructionPhase	NumDays	2.00	22.00
tblConstructionPhase	NumDays	2.00	22.00
tblEnergyUse	LightingElect	3.10	0.00
tblEnergyUse	LightingElect	2.59	0.00
tblEnergyUse	NT24E	5.75	0.00
tblEnergyUse	NT24E	1.59	0.00
tblEnergyUse	NT24NG	4.45	0.00
tblEnergyUse	NT24NG	1.08	0.00
tblEnergyUse	T24E	2.25	0.00
tblEnergyUse	T24E	1.74	0.00
tblEnergyUse	T24NG	13.65	0.00
tblEnergyUse	T24NG	9.32	0.00
tblGrading	AcresOfGrading	8.25	1.50
tblGrading	AcresOfGrading	16.88	1.50
tblGrading	AcresOfGrading	16.50	1.50
tblGrading	AcresOfGrading	22.50	1.00

tblGrading	AcresOfGrading	22.50	1.00
tblGrading	AcresOfGrading	22.00	1.00
tblGrading	AcresOfGrading	22.00	1.00
tblGrading	AcresOfGrading	11.00	1.00
tblGrading	AcresOfGrading	11.00	1.00
tblLandUse	LotAcreage	0.20	0.00
tblLandUse	LotAcreage	6.43	1.07
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
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tblOffRoadEquipment	UsageHours	6.00	4.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	1.00
tblOffRoadEquipment	UsageHours	7.00	6.00
tblOffRoadEquipment	UsageHours	6.00	4.00

tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	4.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	1.00
tblOffRoadEquipment	UsageHours	7.00	6.00
tblOffRoadEquipment	UsageHours	6.00	4.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	8.00	1.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	6.00	1.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	6.00	4.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblSolidWaste	SolidWasteGenerationRate	0.55	0.00
tblSolidWaste	SolidWasteGenerationRate	11.34	0.00
tblTripsAndVMT	HaulingTripNumber	65.00	1,740.00
tblTripsAndVMT	HaulingTripNumber	0.00	1,450.00
tblTripsAndVMT	HaulingTripNumber	0.00	580.00
tblTripsAndVMT	HaulingTripNumber	0.00	580.00
tblTripsAndVMT	HaulingTripNumber	25.00	580.00
tblTripsAndVMT	HaulingTripNumber	0.00	1,740.00
tblTripsAndVMT	HaulingTripNumber	0.00	870.00
tblTripsAndVMT	HaulingTripNumber	0.00	1,740.00
tblTripsAndVMT	HaulingTripNumber	0.00	580.00
tblTripsAndVMT	HaulingTripNumber	0.00	1,740.00
tblTripsAndVMT	HaulingTripNumber	0.00	870.00
tblTripsAndVMT	HaulingTripNumber	0.00	580.00
tblTripsAndVMT	HaulingTripNumber	0.00	2,900.00
tblTripsAndVMT	HaulingTripNumber	0.00	2,900.00

tblTripsAndVMT	HaulingTripNumber	0.00	1,450.00
tblTripsAndVMT	HaulingTripNumber	0.00	580.00
tblTripsAndVMT	HaulingTripNumber	0.00	2,175.00
tblTripsAndVMT	HaulingTripNumber	0.00	1,160.00
tblTripsAndVMT	HaulingTripNumber	0.00	580.00
tblTripsAndVMT	VendorTripNumber	5.00	0.00
tblTripsAndVMT	VendorTripNumber	5.00	0.00
tblTripsAndVMT	VendorTripNumber	5.00	0.00
tblTripsAndVMT	VendorTripNumber	5.00	0.00
tblTripsAndVMT	VendorTripNumber	5.00	0.00
tblTripsAndVMT	WorkerTripNumber	10.00	8.00
tblTripsAndVMT	WorkerTripNumber	13.00	4.00
tblTripsAndVMT	WorkerTripNumber	12.00	4.00
tblTripsAndVMT	WorkerTripNumber	2.00	12.00
tblTripsAndVMT	WorkerTripNumber	10.00	4.00
tblTripsAndVMT	WorkerTripNumber	2.00	8.00
tblTripsAndVMT	WorkerTripNumber	8.00	4.00
tblTripsAndVMT	WorkerTripNumber	8.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	4.00
tblTripsAndVMT	WorkerTripNumber	12.00	40.00
tblTripsAndVMT	WorkerTripNumber	2.00	20.00
tblTripsAndVMT	WorkerTripNumber	13.00	8.00
tblTripsAndVMT	WorkerTripNumber	12.00	8.00
tblTripsAndVMT	WorkerTripNumber	12.00	50.00
tblTripsAndVMT	WorkerTripNumber	8.00	20.00
tblTripsAndVMT	WorkerTripNumber	8.00	4.00
tblVehicleTrips	ST_TR	10.71	0.00
tblVehicleTrips	SU_TR	10.71	0.00
tblVehicleTrips	WD_TR	10.71	0.00

tblVehicleTrips	WD_TR	13.78	0.00
tblWater	IndoorWaterUseRate	8,615,402.35	0.00
tblWater	IndoorWaterUseRate	179,815.16	0.00
tblWater	OutdoorWaterUseRate	549,919.30	0.00
tblWater	OutdoorWaterUseRate	462,381.84	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					
2018	1.3815	18.1003	10.0594	0.0339	0.7636	0.6566	1.4202	0.1823	0.6266	0.8090	0.0000	3,533.6083	3,533.6083	0.3941	0.0000	3,543.4605
2019	12.0922	147.1771	74.7455	0.2573	15.7971	4.9402	20.7373	7.4117	4.6551	12.0669	0.0000	26,462.2011	26,462.2011	3.6318	0.0000	26,552.9968
2020	18.7841	134.4767	74.1952	0.2468	15.5550	4.4960	20.0509	7.3351	4.2399	11.5750	0.0000	25,148.5657	25,148.5657	3.4903	0.0000	25,235.8234
2021	7.2147	84.2318	47.5667	0.1437	54.5880	3.0004	57.5884	16.8741	2.8044	19.6786	0.0000	14,505.1072	14,505.1072	2.4479	0.0000	14,566.3053
2022	3.3994	3.9591	3.1432	0.0125	0.7886	0.0907	0.8792	0.2029	0.0902	0.2931	0.0000	1,300.8399	1,300.8399	0.0819	0.0000	1,302.8865
Maximum	**18.7841**	**147.1771**	**74.7455**	**0.2573**	**54.5880**	**4.9402**	**57.5884**	**16.8741**	**4.6551**	**19.6786**	**0.0000**	**26,462.2011**	**26,462.2011**	**3.6318**	**0.0000**	**26,552.9968**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	0.5538	13.2154	10.2212	0.0339	0.6335	0.0515	0.6850	0.1626	0.0500	0.2127	0.0000	3,533.6083	3,533.6083	0.3941	0.0000	3,543.4605
2019	4.1334	97.3333	79.7590	0.2573	8.8579	0.6368	9.4946	3.6201	0.6270	4.2471	0.0000	26,462.2010	26,462.2010	3.6318	0.0000	26,552.9968
2020	15.9813	90.0548	80.2439	0.2468	8.5643	0.5868	9.1510	3.5380	0.5793	4.1173	0.0000	25,148.5657	25,148.5657	3.4903	0.0000	25,235.8234
2021	4.0161	49.7411	54.1697	0.1437	47.6499	0.3214	47.9713	13.0826	0.3181	13.4007	0.0000	14,505.1072	14,505.1072	2.4479	0.0000	14,566.3053
2022	3.2494	3.6104	3.1621	0.0125	0.7886	0.0129	0.8014	0.2029	0.0125	0.2154	0.0000	1,300.8399	1,300.8399	0.0819	0.0000	1,302.8865
Maximum	**15.9813**	**97.3333**	**80.2439**	**0.2573**	**47.6499**	**0.6368**	**47.9713**	**13.0826**	**0.6270**	**13.4007**	**0.0000**	**26,462.2010**	**26,462.2010**	**3.6318**	**0.0000**	**26,552.9968**

	ROG	NOx	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	**34.84**	**34.54**	**-8.51**	**0.00**	**24.00**	**87.79**	**32.35**	**35.62**	**87.22**	**50.04**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition for New Auditorium	Demolition	6/1/2018	9/1/2018	5	66	
2	Remodel of Building J	Building Construction	6/1/2019	9/1/2019	5	65	
3	Site Preparation for New Auditorium	Site Preparation	8/1/2019	10/1/2019	5	44	
4	Trenching for New Auditorium	Site Preparation	8/1/2019	10/1/2019	5	44	
5	Grading for New Auditorium	Grading	8/1/2019	10/1/2019	5	44	
6	Remodel of Building J Architectural Coating	Building Construction	9/1/2019	12/13/2019	5	75	
7	Building Construction for New Auditorium	Building Construction	10/1/2019	6/1/2020	5	175	
8	Site Preparation for Rehearsal Rooms	Site Preparation	5/1/2020	6/1/2020	5	22	
9	Trenching for Rehearsal Rooms	Site Preparation	5/1/2020	6/1/2020	5	22	
10	Grading for Rehearsal Rooms	Grading	5/1/2020	6/1/2020	5	22	
11	Building Construction for Rehearsal Rooms	Building Construction	5/1/2020	9/1/2020	5	88	
12	Architectural Coating for New Auditorium	Architectural Coating	6/1/2020	12/1/2020	5	132	
13	Demolition for Music Building	Demolition	8/1/2020	11/1/2020	5	65	
14	Architectural Coating for Rehearsal Rooms	Architectural Coating	8/1/2020	9/1/2020	5	22	
15	Site Preparation for Music Building	Site Preparation	11/1/2020	1/1/2021	5	45	
16	Trenching for Music Building	Site Preparation	11/1/2020	1/1/2021	5	45	
17	Grading for Music Building	Grading	11/1/2020	1/1/2021	5	45	
18	Building Construction for Music Building	Building Construction	1/1/2021	10/1/2021	5	196	
19	Architectural Coating for Music Building	Architectural Coating	10/1/2021	2/1/2022	5	88	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 43,074; Non-Residential Outdoor: 14,358; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Demolition for New Auditorium	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition for New Auditorium	Rubber Tired Dozers	1	1.00	247	0.40
Demolition for New Auditorium	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Remodel of Building J	Cranes	1	4.00	231	0.29
Remodel of Building J	Forklifts	2	6.00	89	0.20
Remodel of Building J	Generator Sets	1	8.00	84	0.74
Remodel of Building J	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Remodel of Building J	Welders	3	8.00	46	0.45
Site Preparation for New Auditorium	Graders	1	8.00	187	0.41
Site Preparation for New Auditorium	Rubber Tired Dozers	1	7.00	247	0.40
Site Preparation for New Auditorium	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Trenching for New Auditorium	Graders	1	8.00	187	0.41
Trenching for New Auditorium	Rubber Tired Dozers	1	7.00	247	0.40
Trenching for New Auditorium	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading for New Auditorium	Concrete/Industrial Saws	1	8.00	81	0.73
Grading for New Auditorium	Graders	1	6.00	187	0.41
Grading for New Auditorium	Rubber Tired Dozers	1	1.00	247	0.40
Grading for New Auditorium	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Remodel of Building J Architectural Coating	Cranes	1	4.00	231	0.29
Remodel of Building J Architectural Coating	Forklifts	2	6.00	89	0.20
Remodel of Building J Architectural Coating	Generator Sets	1	8.00	84	0.74
Remodel of Building J Architectural Coating	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Remodel of Building J Architectural Coating	Welders	3	8.00	46	0.45
Building Construction for New Auditorium	Cranes	1	4.00	231	0.29
Building Construction for New Auditorium	Forklifts	2	6.00	89	0.20
Building Construction for New Auditorium	Generator Sets	1	8.00	84	0.74
Building Construction for New Auditorium	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction for New Auditorium	Welders	3	8.00	46	0.45
Site Preparation for Rehearsal Rooms	Graders	1	8.00	187	0.41
Site Preparation for Rehearsal Rooms	Rubber Tired Dozers	1	7.00	247	0.40
Site Preparation for Rehearsal Rooms	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Trenching for Rehearsal Rooms	Graders	1	8.00	187	0.41
Trenching for Rehearsal Rooms	Rubber Tired Dozers	1	7.00	247	0.40
Trenching for Rehearsal Rooms	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading for Rehearsal Rooms	Concrete/Industrial Saws	1	8.00	81	0.73
Grading for Rehearsal Rooms	Graders	1	6.00	187	0.41
Grading for Rehearsal Rooms	Rubber Tired Dozers	1	1.00	247	0.40
Grading for Rehearsal Rooms	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Building Construction for Rehearsal Rooms	Cranes	1	4.00	231	0.29
Building Construction for Rehearsal Rooms	Forklifts	2	6.00	89	0.20

Building Construction for Rehearsal Rooms	Generator Sets	1	8.00	84	0.74
Building Construction for Rehearsal Rooms	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction for Rehearsal Rooms	Welders	3	8.00	46	0.45
Architectural Coating for New Auditorium	Air Compressors	1	6.00	78	0.48
Demolition for Music Building	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition for Music Building	Rubber Tired Dozers	1	1.00	247	0.40
Demolition for Music Building	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Architectural Coating for Rehearsal Rooms	Air Compressors	1	6.00	78	0.48
Site Preparation for Music Building	Graders	1	8.00	187	0.41
Site Preparation for Music Building	Rubber Tired Dozers	1	7.00	247	0.40
Site Preparation for Music Building	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Trenching for Music Building	Graders	1	8.00	187	0.41
Trenching for Music Building	Rubber Tired Dozers	1	7.00	247	0.40
Trenching for Music Building	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading for Music Building	Concrete/Industrial Saws	1	6.00	81	0.73
Grading for Music Building	Graders	1	6.00	187	0.41
Grading for Music Building	Rubber Tired Dozers	1	1.00	247	0.40
Grading for Music Building	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction for Music Building	Cranes	1	4.00	231	0.29
Building Construction for Music Building	Forklifts	2	6.00	89	0.20
Building Construction for Music Building	Generator Sets	1	8.00	84	0.74
Building Construction for Music Building	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction for Music Building	Welders	3	8.00	46	0.45
Architectural Coating for Music Building	Air Compressors	1	6.00	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
Demolition for New Auditorium	4	8.00	0.00	1,740.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Remodel of Building J	9	12.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation for New Auditorium	3	8.00	0.00	2,900.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Trenching for New Auditorium	3	8.00	0.00	2,900.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading for New Auditorium	5	8.00	0.00	1,450.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Remodel of Building J Architectural Coating	9	8.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction for New Auditorium	9	50.00	0.00	2,175.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation for Rehearsal Rooms	3	20.00	0.00	1,160.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Trenching for Rehearsal Rooms	3	4.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading for Rehearsal Rooms	5	4.00	0.00	1,450.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction for Rehearsal Rooms	9	4.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating for New Auditorium	1	12.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition for Music Building	4	4.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating for Rehearsal Rooms	1	8.00	0.00	1,740.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation for Music Building	3	4.00	0.00	870.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Trenching for Music Building	3	4.00	0.00	1,740.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading for Music Building	5	4.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction for Music Building	9	40.00	0.00	1,740.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating for Music Building	1	20.00	0.00	870.00	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

3.2 Demolition for New Auditorium - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2132	0.0000	0.2132	0.0323	0.0000	0.0323			0.0000			0.0000
Off-Road	1.0643	9.4295	7.7762	0.0120		0.6228	0.6228		0.5943	0.5943		1,169.3502	1,169.3502	0.2254		1,174.9857
Total	**1.0643**	**9.4295**	**7.7762**	**0.0120**	**0.2132**	**0.6228**	**0.8360**	**0.0323**	**0.5943**	**0.6266**		**1,169.3502**	**1,169.3502**	**0.2254**		**1,174.9857**

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	0.2683	8.6338	1.8853	0.0210	0.4609	0.0330	0.4940	0.1263	0.0316	0.1579		2,269.8120	2,269.8120	0.1651		2,273.9399
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	0.0489	0.0369	0.3978	9.5000e-004	0.0894	8.0000e-004	0.0902	0.0237	7.4000e-004	0.0245		94.4461	94.4461	3.5500e-003		94.5349
Total	**0.3172**	**8.6707**	**2.2831**	**0.0220**	**0.5503**	**0.0338**	**0.5842**	**0.1501**	**0.0323**	**0.1824**		**2,364.2581**	**2,364.2581**	**0.1687**		**2,368.4749**

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					0.0832	0.0000	0.0832	0.0126	0.0000	0.0126			0.0000			0.0000
Off-Road	0.2366	4.5446	7.9381	0.0120		0.0177	0.0177		0.0177	0.0177	0.0000	1,169.3502	1,169.3502	0.2254		1,174.9857
Total	**0.2366**	**4.5446**	**7.9381**	**0.0120**	**0.0832**	**0.0177**	**0.1008**	**0.0126**	**0.0177**	**0.0303**	**0.0000**	**1,169.3502**	**1,169.3502**	**0.2254**		**1,174.9857**

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	0.2683	8.6338	1.8853	0.0210	0.4609	0.0330	0.4940	0.1263	0.0316	0.1579		2,269.8120	2,269.8120	0.1651		2,273.9399
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	0.0489	0.0369	0.3978	9.5000e-004	0.0894	8.0000e-004	0.0902	0.0237	7.4000e-004	0.0245		94.4461	94.4461	3.5500e-003		94.5349
Total	**0.3172**	**8.6707**	**2.2831**	**0.0220**	**0.5503**	**0.0338**	**0.5842**	**0.1501**	**0.0323**	**0.1824**		**2,364.2581**	**2,364.2581**	**0.1687**		**2,368.4749**

3.3 Remodel of Building J - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5571	18.4714	16.6878	0.0256		1.1302	1.1302		1.0818	1.0818		2,373.1374	2,373.1374	0.5003		2,385.6449
Total	**2.5571**	**18.4714**	**16.6878**	**0.0256**		**1.1302**	**1.1302**		**1.0818**	**1.0818**		**2,373.1374**	**2,373.1374**	**0.5003**		**2,385.6449**

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	0.0860	2.7695	0.6221	7.0100e-003	0.1560	0.0102	0.1662	0.0428	9.7700e-003	0.0525		758.3274	758.3274	0.0552		759.7062
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	0.0665	0.0488	0.5310	1.3800e-003	0.1341	1.1600e-003	0.1353	0.0356	1.0700e-003	0.0366		137.0557	137.0557	4.7100e-003		137.1736
Total	**0.1524**	**2.8182**	**1.1531**	**8.3900e-003**	**0.2901**	**0.0114**	**0.3015**	**0.0783**	**0.0108**	**0.0892**		**895.3831**	**895.3831**	**0.0599**		**896.8798**

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	0.4903	11.8085	16.5094	0.0256		0.1676	0.1676		0.1676	0.1676	0.0000	2,373.1374	2,373.1374	0.5003		2,385.6449
Total	**0.4903**	**11.8085**	**16.5094**	**0.0256**		**0.1676**	**0.1676**		**0.1676**	**0.1676**	**0.0000**	**2,373.1374**	**2,373.1374**	**0.5003**		**2,385.6449**

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	0.0860	2.7695	0.6221	7.0100e-003	0.1560	0.0102	0.1662	0.0428	9.7700e-003	0.0525		758.3274	758.3274	0.0552		759.7062
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	0.0665	0.0488	0.5310	1.3800e-003	0.1341	1.1600e-003	0.1353	0.0356	1.0700e-003	0.0366		137.0557	137.0557	4.7100e-003		137.1736
Total	**0.1524**	**2.8182**	**1.1531**	**8.3900e-003**	**0.2901**	**0.0114**	**0.3015**	**0.0783**	**0.0108**	**0.0892**		**895.3831**	**895.3831**	**0.0599**		**896.8798**

3.4 Site Preparation for New Auditorium - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.2934	0.0000	5.2934	2.8991	0.0000	2.8991			0.0000			0.0000
Off-Road	1.7123	19.4821	7.8893	0.0172		0.8824	0.8824		0.8118	0.8118		1,704.9189	1,704.9189	0.5394		1,718.4044
Total	**1.7123**	**19.4821**	**7.8893**	**0.0172**	**5.2934**	**0.8824**	**6.1758**	**2.8991**	**0.8118**	**3.7108**		**1,704.9189**	**1,704.9189**	**0.5394**		**1,718.4044**

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	0.6349	20.4562	4.5949	0.0518	1.1523	0.0755	1.2278	0.3159	0.0722	0.3881		5,601.2820	5,601.2820	0.4074		5,611.4661
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	0.0443	0.0325	0.3540	9.2000e-004	0.0894	7.7000e-004	0.0902	0.0237	7.1000e-004	0.0244		91.3705	91.3705	3.1400e-003		91.4491
Total	**0.6792**	**20.4887**	**4.9489**	**0.0527**	**1.2418**	**0.0762**	**1.3180**	**0.3396**	**0.0729**	**0.4125**		**5,692.6525**	**5,692.6525**	**0.4105**		**5,702.9151**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0644	0.0000	2.0644	1.1306	0.0000	1.1306			0.0000			0.0000
Off-Road	0.2998	5.0659	9.8221	0.0172		0.0281	0.0281		0.0281	0.0281	0.0000	1,704.9189	1,704.9189	0.5394		1,718.4044
Total	**0.2998**	**5.0659**	**9.8221**	**0.0172**	**2.0644**	**0.0281**	**2.0925**	**1.1306**	**0.0281**	**1.1587**	**0.0000**	**1,704.9189**	**1,704.9189**	**0.5394**		**1,718.4044**

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	0.6349	20.4562	4.5949	0.0518	1.1523	0.0755	1.2278	0.3159	0.0722	0.3881		5,601.2820	5,601.2820	0.4074		5,611.4661
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	0.0443	0.0325	0.3540	9.2000e-004	0.0894	7.7000e-004	0.0902	0.0237	7.1000e-004	0.0244		91.3705	91.3705	3.1400e-003		91.4491
Total	**0.6792**	**20.4887**	**4.9489**	**0.0527**	**1.2418**	**0.0762**	**1.3180**	**0.3396**	**0.0729**	**0.4125**		**5,692.6525**	**5,692.6525**	**0.4105**		**5,702.9151**

3.5 Trenching for New Auditorium - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.2934	0.0000	5.2934	2.8991	0.0000	2.8991			0.0000			0.0000
Off-Road	1.7123	19.4821	7.8893	0.0172		0.8824	0.8824		0.8118	0.8118		1,704.9189	1,704.9189	0.5394		1,718.4044
Total	**1.7123**	**19.4821**	**7.8893**	**0.0172**	**5.2934**	**0.8824**	**6.1758**	**2.8991**	**0.8118**	**3.7108**		**1,704.9189**	**1,704.9189**	**0.5394**		**1,718.4044**

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	0.6349	20.4562	4.5949	0.0518	1.1523	0.0755	1.2278	0.3159	0.0722	0.3881		5,601.2820	5,601.2820	0.4074		5,611.4661
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	0.0443	0.0325	0.3540	9.2000e-004	0.0894	7.7000e-004	0.0902	0.0237	7.1000e-004	0.0244		91.3705	91.3705	3.1400e-003		91.4491
Total	**0.6792**	**20.4887**	**4.9489**	**0.0527**	**1.2418**	**0.0762**	**1.3180**	**0.3396**	**0.0729**	**0.4125**		**5,692.6525**	**5,692.6525**	**0.4105**		**5,702.9151**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0644	0.0000	2.0644	1.1306	0.0000	1.1306			0.0000			0.0000
Off-Road	0.2998	5.0659	9.8221	0.0172		0.0281	0.0281		0.0281	0.0281	0.0000	1,704.9189	1,704.9189	0.5394		1,718.4044
Total	**0.2998**	**5.0659**	**9.8221**	**0.0172**	**2.0644**	**0.0281**	**2.0925**	**1.1306**	**0.0281**	**1.1587**	**0.0000**	**1,704.9189**	**1,704.9189**	**0.5394**		**1,718.4044**

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	0.6349	20.4562	4.5949	0.0518	1.1523	0.0755	1.2278	0.3159	0.0722	0.3881		5,601.2820	5,601.2820	0.4074		5,611.4661
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	0.0443	0.0325	0.3540	9.2000e-004	0.0894	7.7000e-004	0.0902	0.0237	7.1000e-004	0.0244		91.3705	91.3705	3.1400e-003		91.4491
Total	**0.6792**	**20.4887**	**4.9489**	**0.0527**	**1.2418**	**0.0762**	**1.3180**	**0.3396**	**0.0729**	**0.4125**		**5,692.6525**	**5,692.6525**	**0.4105**		**5,702.9151**

3.6 Grading for New Auditorium - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7889	0.0000	0.7889	0.4177	0.0000	0.4177			0.0000			0.0000
Off-Road	1.3181	13.5386	9.0703	0.0170		0.6955	0.6955		0.6582	0.6582		1,652.8774	1,652.8774	0.3772		1,662.3063
Total	**1.3181**	**13.5386**	**9.0703**	**0.0170**	**0.7889**	**0.6955**	**1.4844**	**0.4177**	**0.6582**	**1.0759**		**1,652.8774**	**1,652.8774**	**0.3772**		**1,662.3063**

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	0.3174	10.2281	2.2974	0.0259	0.5762	0.0377	0.6139	0.1579	0.0361	0.1940		2,800.6410	2,800.6410	0.2037		2,805.7330
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	0.0443	0.0325	0.3540	9.2000e-004	0.0894	7.7000e-004	0.0902	0.0237	7.1000e-004	0.0244		91.3705	91.3705	3.1400e-003		91.4491
Total	**0.3617**	**10.2606**	**2.6514**	**0.0268**	**0.6656**	**0.0385**	**0.7041**	**0.1816**	**0.0368**	**0.2185**		**2,892.0115**	**2,892.0115**	**0.2068**		**2,897.1821**

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					0.3077	0.0000	0.3077	0.1629	0.0000	0.1629			0.0000			0.0000
Off-Road	0.3177	5.8529	10.5749	0.0170		0.0258	0.0258		0.0258	0.0258	0.0000	1,652.8774	1,652.8774	0.3772		1,662.3063
Total	**0.3177**	**5.8529**	**10.5749**	**0.0170**	**0.3077**	**0.0258**	**0.3335**	**0.1629**	**0.0258**	**0.1887**	**0.0000**	**1,652.8774**	**1,652.8774**	**0.3772**		**1,662.3063**

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	0.3174	10.2281	2.2974	0.0259	0.5762	0.0377	0.6139	0.1579	0.0361	0.1940		2,800.6410	2,800.6410	0.2037		2,805.7330
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	0.0443	0.0325	0.3540	9.2000e-004	0.0894	7.7000e-004	0.0902	0.0237	7.1000e-004	0.0244		91.3705	91.3705	3.1400e-003		91.4491
Total	**0.3617**	**10.2606**	**2.6514**	**0.0268**	**0.6656**	**0.0385**	**0.7041**	**0.1816**	**0.0368**	**0.2185**		**2,892.0115**	**2,892.0115**	**0.2068**		**2,897.1821**

3.7 Remodel of Building J Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5571	18.4714	16.6878	0.0256		1.1302	1.1302		1.0818	1.0818		2,373.1374	2,373.1374	0.5003		2,385.6449
Total	**2.5571**	**18.4714**	**16.6878**	**0.0256**		**1.1302**	**1.1302**		**1.0818**	**1.0818**		**2,373.1374**	**2,373.1374**	**0.5003**		**2,385.6449**

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	0.0745	2.4002	0.5391	6.0700e-003	0.1352	8.8500e-003	0.1441	0.0371	8.4700e-003	0.0455		657.2171	657.2171	0.0478		658.4120
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	0.0443	0.0325	0.3540	9.2000e-004	0.0894	7.7000e-004	0.0902	0.0237	7.1000e-004	0.0244		91.3705	91.3705	3.1400e-003		91.4491
Total	**0.1188**	**2.4327**	**0.8931**	**6.9900e-003**	**0.2246**	**9.6200e-003**	**0.2343**	**0.0608**	**9.1800e-003**	**0.0700**		**748.5876**	**748.5876**	**0.0509**		**749.8611**

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	0.4903	11.8085	16.5094	0.0256		0.1676	0.1676		0.1676	0.1676	0.0000	2,373.1374	2,373.1374	0.5003		2,385.6449
Total	**0.4903**	**11.8085**	**16.5094**	**0.0256**		**0.1676**	**0.1676**		**0.1676**	**0.1676**	**0.0000**	**2,373.1374**	**2,373.1374**	**0.5003**		**2,385.6449**

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	0.0745	2.4002	0.5391	6.0700e-003	0.1352	8.8500e-003	0.1441	0.0371	8.4700e-003	0.0455		657.2171	657.2171	0.0478		658.4120
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	0.0443	0.0325	0.3540	9.2000e-004	0.0894	7.7000e-004	0.0902	0.0237	7.1000e-004	0.0244		91.3705	91.3705	3.1400e-003		91.4491
Total	**0.1188**	**2.4327**	**0.8931**	**6.9900e-003**	**0.2246**	**9.6200e-003**	**0.2343**	**0.0608**	**9.1800e-003**	**0.0700**		**748.5876**	**748.5876**	**0.0509**		**749.8611**

3.8 Building Construction for New Auditorium - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5571	18.4714	16.6878	0.0256		1.1302	1.1302		1.0818	1.0818		2,373.1374	2,373.1374	0.5003		2,385.6449
Total	**2.5571**	**18.4714**	**16.6878**	**0.0256**		**1.1302**	**1.1302**		**1.0818**	**1.0818**		**2,373.1374**	**2,373.1374**	**0.5003**		**2,385.6449**

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	0.1197	3.8575	0.8665	9.7600e-003	0.4887	0.0142	0.5029	0.1262	0.0136	0.1398		1,056.2417	1,056.2417	0.0768		1,058.1622
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	0.2769	0.2033	2.2124	5.7400e-003	0.5589	4.8200e-003	0.5637	0.1482	4.4400e-003	0.1527		571.0654	571.0654	0.0197		571.5565
Total	**0.3966**	**4.0607**	**3.0788**	**0.0155**	**1.0476**	**0.0191**	**1.0666**	**0.2744**	**0.0181**	**0.2925**		**1,627.3072**	**1,627.3072**	**0.0965**		**1,629.7187**

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	0.4903	11.8085	16.5094	0.0256		0.1676	0.1676		0.1676	0.1676	0.0000	2,373.1374	2,373.1374	0.5003		2,385.6449
Total	**0.4903**	**11.8085**	**16.5094**	**0.0256**		**0.1676**	**0.1676**		**0.1676**	**0.1676**	**0.0000**	**2,373.1374**	**2,373.1374**	**0.5003**		**2,385.6449**

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	0.1197	3.8575	0.8665	9.7600e-003	0.4887	0.0142	0.5029	0.1262	0.0136	0.1398		1,056.2417	1,056.2417	0.0768		1,058.1622
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	0.2769	0.2033	2.2124	5.7400e-003	0.5589	4.8200e-003	0.5637	0.1482	4.4400e-003	0.1527		571.0654	571.0654	0.0197		571.5565
Total	**0.3966**	**4.0607**	**3.0788**	**0.0155**	**1.0476**	**0.0191**	**1.0666**	**0.2744**	**0.0181**	**0.2925**		**1,627.3072**	**1,627.3072**	**0.0965**		**1,629.7187**

3.8 Building Construction for New Auditorium - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2870	17.0449	16.3941	0.0256		0.9793	0.9793		0.9375	0.9375		2,348.4458	2,348.4458	0.4838		2,360.5411
Total	**2.2870**	**17.0449**	**16.3941**	**0.0256**		**0.9793**	**0.9793**		**0.9375**	**0.9375**		**2,348.4458**	**2,348.4458**	**0.4838**		**2,360.5411**

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	0.1112	3.6200	0.8416	9.6500e-003	0.3168	0.0116	0.3284	0.0840	0.0111	0.0951		1,045.3598	1,045.3598	0.0750		1,047.2356
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	0.2555	0.1812	2.0051	5.5600e-003	0.5589	4.6700e-003	0.5636	0.1482	4.3000e-003	0.1525		553.7102	553.7102	0.0175		554.1465
Total	**0.3667**	**3.8012**	**2.8467**	**0.0152**	**0.8757**	**0.0163**	**0.8919**	**0.2322**	**0.0154**	**0.2476**		**1,599.0700**	**1,599.0700**	**0.0925**		**1,601.3821**

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	0.4903	11.8085	16.5094	0.0256		0.1676	0.1676		0.1676	0.1676	0.0000	2,348.4458	2,348.4458	0.4838		2,360.5411
Total	**0.4903**	**11.8085**	**16.5094**	**0.0256**		**0.1676**	**0.1676**		**0.1676**	**0.1676**	**0.0000**	**2,348.4458**	**2,348.4458**	**0.4838**		**2,360.5411**

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	0.1112	3.6200	0.8416	9.6500e-003	0.3168	0.0116	0.3284	0.0840	0.0111	0.0951		1,045.3598	1,045.3598	0.0750		1,047.2356
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	0.2555	0.1812	2.0051	5.5600e-003	0.5589	4.6700e-003	0.5636	0.1482	4.3000e-003	0.1525		553.7102	553.7102	0.0175		554.1465
Total	**0.3667**	**3.8012**	**2.8467**	**0.0152**	**0.8757**	**0.0163**	**0.8919**	**0.2322**	**0.0154**	**0.2476**		**1,599.0700**	**1,599.0700**	**0.0925**		**1,601.3821**

3.9 Site Preparation for Rehearsal Rooms - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.3175	0.0000	5.3175	2.9017	0.0000	2.9017			0.0000			0.0000
Off-Road	1.6299	18.3464	7.7093	0.0172		0.8210	0.8210		0.7553	0.7553		1,667.4119	1,667.4119	0.5393		1,680.8937
Total	**1.6299**	**18.3464**	**7.7093**	**0.0172**	**5.3175**	**0.8210**	**6.1385**	**2.9017**	**0.7553**	**3.6569**		**1,667.4119**	**1,667.4119**	**0.5393**		**1,680.8937**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4718	15.3575	3.5704	0.0409	0.9219	0.0491	0.9710	0.2527	0.0470	0.2997		4,434.8596	4,434.8596	0.3183		4,442.8177
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	0.1022	0.0725	0.8020	2.2200e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		221.4841	221.4841	6.9800e-003		221.6586
Total	**0.5740**	**15.4300**	**4.3725**	**0.0432**	**1.1455**	**0.0510**	**1.1965**	**0.3120**	**0.0487**	**0.3607**		**4,656.3437**	**4,656.3437**	**0.3253**		**4,664.4763**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0738	0.0000	2.0738	1.1317	0.0000	1.1317			0.0000			0.0000
Off-Road	0.2998	5.0659	9.8221	0.0172		0.0281	0.0281		0.0281	0.0281	0.0000	1,667.4119	1,667.4119	0.5393		1,680.8937
Total	**0.2998**	**5.0659**	**9.8221**	**0.0172**	**2.0738**	**0.0281**	**2.1019**	**1.1317**	**0.0281**	**1.1597**	**0.0000**	**1,667.4119**	**1,667.4119**	**0.5393**		**1,680.8937**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4718	15.3575	3.5704	0.0409	0.9219	0.0491	0.9710	0.2527	0.0470	0.2997		4,434.8596	4,434.8596	0.3183		4,442.8177
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	0.1022	0.0725	0.8020	2.2200e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		221.4841	221.4841	6.9800e-003		221.6586
Total	**0.5740**	**15.4300**	**4.3725**	**0.0432**	**1.1455**	**0.0510**	**1.1965**	**0.3120**	**0.0487**	**0.3607**		**4,656.3437**	**4,656.3437**	**0.3253**		**4,664.4763**

3.10 Trenching for Rehearsal Rooms - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.3175	0.0000	5.3175	2.9017	0.0000	2.9017			0.0000			0.0000
Off-Road	1.6299	18.3464	7.7093	0.0172		0.8210	0.8210		0.7553	0.7553		1,667.4119	1,667.4119	0.5393		1,680.8937
Total	**1.6299**	**18.3464**	**7.7093**	**0.0172**	**5.3175**	**0.8210**	**6.1385**	**2.9017**	**0.7553**	**3.6569**		**1,667.4119**	**1,667.4119**	**0.5393**		**1,680.8937**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2359	7.6787	1.7852	0.0205	0.4610	0.0246	0.4855	0.1264	0.0235	0.1499		2,217.4298	2,217.4298	0.1592		2,221.4088
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	0.0204	0.0145	0.1604	4.4000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		44.2968	44.2968	1.4000e-003		44.3317
Total	**0.2563**	**7.6932**	**1.9456**	**0.0209**	**0.5057**	**0.0249**	**0.5306**	**0.1382**	**0.0238**	**0.1621**		**2,261.7266**	**2,261.7266**	**0.1606**		**2,265.7406**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0738	0.0000	2.0738	1.1317	0.0000	1.1317			0.0000			0.0000
Off-Road	0.2998	5.0659	9.8221	0.0172		0.0281	0.0281		0.0281	0.0281	0.0000	1,667.4119	1,667.4119	0.5393		1,680.8937
Total	**0.2998**	**5.0659**	**9.8221**	**0.0172**	**2.0738**	**0.0281**	**2.1019**	**1.1317**	**0.0281**	**1.1597**	**0.0000**	**1,667.4119**	**1,667.4119**	**0.5393**		**1,680.8937**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2359	7.6787	1.7852	0.0205	0.4610	0.0246	0.4855	0.1264	0.0235	0.1499		2,217.4298	2,217.4298	0.1592		2,221.4088
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	0.0204	0.0145	0.1604	4.4000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		44.2968	44.2968	1.4000e-003		44.3317
Total	**0.2563**	**7.6932**	**1.9456**	**0.0209**	**0.5057**	**0.0249**	**0.5306**	**0.1382**	**0.0238**	**0.1621**		**2,261.7266**	**2,261.7266**	**0.1606**		**2,265.7406**

3.11 Grading for Rehearsal Rooms - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.8251	0.0000	0.8251	0.4216	0.0000	0.4216			0.0000			0.0000
Off-Road	1.2243	12.6170	8.9834	0.0170		0.6189	0.6189		0.5852	0.5852		1,629.2742	1,629.2742	0.3728		1,638.5943
Total	**1.2243**	**12.6170**	**8.9834**	**0.0170**	**0.8251**	**0.6189**	**1.4439**	**0.4216**	**0.5852**	**1.0068**		**1,629.2742**	**1,629.2742**	**0.3728**		**1,638.5943**

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	0.5897	19.1969	4.4631	0.0512	1.1524	0.0614	1.2138	0.3159	0.0588	0.3746		5,543.5745	5,543.5745	0.3979		5,553.5221
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	0.0204	0.0145	0.1604	4.4000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		44.2968	44.2968	1.4000e-003		44.3317
Total	**0.6101**	**19.2114**	**4.6235**	**0.0516**	**1.1971**	**0.0618**	**1.2589**	**0.3278**	**0.0591**	**0.3868**		**5,587.8714**	**5,587.8714**	**0.3993**		**5,597.8538**

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					0.3218	0.0000	0.3218	0.1644	0.0000	0.1644			0.0000			0.0000
Off-Road	0.3177	5.8529	10.5749	0.0170		0.0258	0.0258		0.0258	0.0258	0.0000	1,629.2742	1,629.2742	0.3728		1,638.5943
Total	**0.3177**	**5.8529**	**10.5749**	**0.0170**	**0.3218**	**0.0258**	**0.3476**	**0.1644**	**0.0258**	**0.1902**	**0.0000**	**1,629.2742**	**1,629.2742**	**0.3728**		**1,638.5943**

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	0.5897	19.1969	4.4631	0.0512	1.1524	0.0614	1.2138	0.3159	0.0588	0.3746		5,543.5745	5,543.5745	0.3979		5,553.5221
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	0.0204	0.0145	0.1604	4.4000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		44.2968	44.2968	1.4000e-003		44.3317
Total	**0.6101**	**19.2114**	**4.6235**	**0.0516**	**1.1971**	**0.0618**	**1.2589**	**0.3278**	**0.0591**	**0.3868**		**5,587.8714**	**5,587.8714**	**0.3993**		**5,597.8538**

3.12 Building Construction for Rehearsal Rooms - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2870	17.0449	16.3941	0.0256		0.9793	0.9793		0.9375	0.9375		2,348.4458	2,348.4458	0.4838		2,360.5411
Total	**2.2870**	**17.0449**	**16.3941**	**0.0256**		**0.9793**	**0.9793**		**0.9375**	**0.9375**		**2,348.4458**	**2,348.4458**	**0.4838**		**2,360.5411**

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	0.0590	1.9197	0.4463	5.1200e-003	0.1152	6.1400e-003	0.1214	0.0316	5.8800e-003	0.0375		554.3575	554.3575	0.0398		555.3522
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	0.0204	0.0145	0.1604	4.4000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		44.2968	44.2968	1.4000e-003		44.3317
Total	**0.0794**	**1.9342**	**0.6067**	**5.5600e-003**	**0.1600**	**6.5100e-003**	**0.1665**	**0.0435**	**6.2200e-003**	**0.0497**		**598.6543**	**598.6543**	**0.0412**		**599.6839**

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	0.4903	11.8085	16.5094	0.0256		0.1676	0.1676		0.1676	0.1676	0.0000	2,348.4458	2,348.4458	0.4838		2,360.5411
Total	**0.4903**	**11.8085**	**16.5094**	**0.0256**		**0.1676**	**0.1676**		**0.1676**	**0.1676**	**0.0000**	**2,348.4458**	**2,348.4458**	**0.4838**		**2,360.5411**

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	0.0590	1.9197	0.4463	5.1200e-003	0.1152	6.1400e-003	0.1214	0.0316	5.8800e-003	0.0375		554.3575	554.3575	0.0398		555.3522
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	0.0204	0.0145	0.1604	4.4000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		44.2968	44.2968	1.4000e-003		44.3317
Total	**0.0794**	**1.9342**	**0.6067**	**5.5600e-003**	**0.1600**	**6.5100e-003**	**0.1665**	**0.0435**	**6.2200e-003**	**0.0497**		**598.6543**	**598.6543**	**0.0412**		**599.6839**

3.13 Architectural Coating for New Auditorium - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.0167					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928
Total	**2.2588**	**1.6838**	**1.8314**	**2.9700e-003**		**0.1109**	**0.1109**		**0.1109**	**0.1109**		**281.4481**	**281.4481**	**0.0218**		**281.9928**

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	0.0393	1.2798	0.2975	3.4100e-003	0.0768	4.0900e-003	0.0809	0.0211	3.9200e-003	0.0250		369.5716	369.5716	0.0265		370.2348
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	0.0613	0.0435	0.4812	1.3300e-003	0.1341	1.1200e-003	0.1353	0.0356	1.0300e-003	0.0366		132.8905	132.8905	4.1900e-003		132.9952
Total	**0.1006**	**1.3233**	**0.7788**	**4.7400e-003**	**0.2110**	**5.2100e-003**	**0.2162**	**0.0566**	**4.9500e-003**	**0.0616**		**502.4621**	**502.4621**	**0.0307**		**503.2300**

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	2.0167					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0545	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0218		281.9928
Total	**2.0711**	**1.0598**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0218**		**281.9928**

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	0.0393	1.2798	0.2975	3.4100e-003	0.0768	4.0900e-003	0.0809	0.0211	3.9200e-003	0.0250		369.5716	369.5716	0.0265		370.2348
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	0.0613	0.0435	0.4812	1.3300e-003	0.1341	1.1200e-003	0.1353	0.0356	1.0300e-003	0.0366		132.8905	132.8905	4.1900e-003		132.9952
Total	**0.1006**	**1.3233**	**0.7788**	**4.7400e-003**	**0.2110**	**5.2100e-003**	**0.2162**	**0.0566**	**4.9500e-003**	**0.0616**		**502.4621**	**502.4621**	**0.0307**		**503.2300**

3.14 Demolition for Music Building - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0848	0.0000	0.0848	0.0128	0.0000	0.0128			0.0000			0.0000
Off-Road	0.8674	7.8729	7.6226	0.0120		0.4672	0.4672		0.4457	0.4457		1,147.2352	1,147.2352	0.2169		1,152.6578
Total	**0.8674**	**7.8729**	**7.6226**	**0.0120**	**0.0848**	**0.4672**	**0.5520**	**0.0128**	**0.4457**	**0.4585**		**1,147.2352**	**1,147.2352**	**0.2169**		**1,152.6578**

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	0.0798	2.5990	0.6042	6.9300e-003	0.1560	8.3100e-003	0.1643	0.0428	7.9500e-003	0.0507		750.5147	750.5147	0.0539		751.8615
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	0.0204	0.0145	0.1604	4.4000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		44.2968	44.2968	1.4000e-003		44.3317
Total	**0.1003**	**2.6135**	**0.7646**	**7.3700e-003**	**0.2007**	**8.6800e-003**	**0.2094**	**0.0546**	**8.2900e-003**	**0.0629**		**794.8115**	**794.8115**	**0.0553**		**796.1932**

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					0.0331	0.0000	0.0331	5.0100e-003	0.0000	5.0100e-003			0.0000			0.0000
Off-Road	0.2366	4.5446	7.9381	0.0120		0.0177	0.0177		0.0177	0.0177	0.0000	1,147.2352	1,147.2352	0.2169		1,152.6578
Total	**0.2366**	**4.5446**	**7.9381**	**0.0120**	**0.0331**	**0.0177**	**0.0508**	**5.0100e-003**	**0.0177**	**0.0227**	**0.0000**	**1,147.2352**	**1,147.2352**	**0.2169**		**1,152.6578**

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	0.0798	2.5990	0.6042	6.9300e-003	0.1560	8.3100e-003	0.1643	0.0428	7.9500e-003	0.0507		750.5147	750.5147	0.0539		751.8615
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	0.0204	0.0145	0.1604	4.4000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		44.2968	44.2968	1.4000e-003		44.3317
Total	**0.1003**	**2.6135**	**0.7646**	**7.3700e-003**	**0.2007**	**8.6800e-003**	**0.2094**	**0.0546**	**8.2900e-003**	**0.0629**		**794.8115**	**794.8115**	**0.0553**		**796.1932**

3.15 Architectural Coating for Rehearsal Rooms - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.0999					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928
Total	**12.3421**	**1.6838**	**1.8314**	**2.9700e-003**		**0.1109**	**0.1109**		**0.1109**	**0.1109**		**281.4481**	**281.4481**	**0.0218**		**281.9928**

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	0.7076	23.0362	5.3557	0.0614	1.3829	0.0737	1.4566	0.3791	0.0705	0.4496		6,652.2894	6,652.2894	0.4775		6,664.2265
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	0.0409	0.0290	0.3208	8.9000e-004	0.0894	7.5000e-004	0.0902	0.0237	6.9000e-004	0.0244		88.5936	88.5936	2.7900e-003		88.6634
Total	**0.7485**	**23.0652**	**5.6765**	**0.0623**	**1.4723**	**0.0745**	**1.5467**	**0.4028**	**0.0712**	**0.4740**		**6,740.8831**	**6,740.8831**	**0.4803**		**6,752.8900**

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	12.0999					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0545	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0218		281.9928
Total	**12.1544**	**1.0598**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0218**		**281.9928**

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	0.7076	23.0362	5.3557	0.0614	1.3829	0.0737	1.4566	0.3791	0.0705	0.4496		6,652.2894	6,652.2894	0.4775		6,664.2265
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	0.0409	0.0290	0.3208	8.9000e-004	0.0894	7.5000e-004	0.0902	0.0237	6.9000e-004	0.0244		88.5936	88.5936	2.7900e-003		88.6634
Total	**0.7485**	**23.0652**	**5.6765**	**0.0623**	**1.4723**	**0.0745**	**1.5467**	**0.4028**	**0.0712**	**0.4740**		**6,740.8831**	**6,740.8831**	**0.4803**		**6,752.8900**

3.16 Site Preparation for Music Building - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.2929	0.0000	5.2929	2.8990	0.0000	2.8990			0.0000			0.0000
Off-Road	1.6299	18.3464	7.7093	0.0172		0.8210	0.8210		0.7553	0.7553		1,667.4119	1,667.4119	0.5393		1,680.8937
Total	**1.6299**	**18.3464**	**7.7093**	**0.0172**	**5.2929**	**0.8210**	**6.1138**	**2.8990**	**0.7553**	**3.6543**		**1,667.4119**	**1,667.4119**	**0.5393**		**1,680.8937**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1730	5.6311	1.3092	0.0150	0.3438	0.0180	0.3619	0.0941	0.0172	0.1113		1,626.1152	1,626.1152	0.1167		1,629.0332
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	0.0204	0.0145	0.1604	4.4000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		44.2968	44.2968	1.4000e-003		44.3317
Total	**0.1934**	**5.6456**	**1.4696**	**0.0155**	**0.3886**	**0.0184**	**0.4069**	**0.1060**	**0.0176**	**0.1235**		**1,670.4120**	**1,670.4120**	**0.1181**		**1,673.3649**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0642	0.0000	2.0642	1.1306	0.0000	1.1306			0.0000			0.0000
Off-Road	0.2998	5.0659	9.8221	0.0172		0.0281	0.0281		0.0281	0.0281	0.0000	1,667.4119	1,667.4119	0.5393		1,680.8937
Total	**0.2998**	**5.0659**	**9.8221**	**0.0172**	**2.0642**	**0.0281**	**2.0923**	**1.1306**	**0.0281**	**1.1587**	**0.0000**	**1,667.4119**	**1,667.4119**	**0.5393**		**1,680.8937**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1730	5.6311	1.3092	0.0150	0.3438	0.0180	0.3619	0.0941	0.0172	0.1113		1,626.1152	1,626.1152	0.1167		1,629.0332
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	0.0204	0.0145	0.1604	4.4000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		44.2968	44.2968	1.4000e-003		44.3317
Total	**0.1934**	**5.6456**	**1.4696**	**0.0155**	**0.3886**	**0.0184**	**0.4069**	**0.1060**	**0.0176**	**0.1235**		**1,670.4120**	**1,670.4120**	**0.1181**		**1,673.3649**

3.16 Site Preparation for Music Building - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.2929	0.0000	5.2929	2.8990	0.0000	2.8990			0.0000			0.0000
Off-Road	1.5558	17.4203	7.5605	0.0172		0.7654	0.7654		0.7041	0.7041		1,666.5174	1,666.5174	0.5390		1,679.9920
Total	**1.5558**	**17.4203**	**7.5605**	**0.0172**	**5.2929**	**0.7654**	**6.0583**	**2.8990**	**0.7041**	**3.6031**		**1,666.5174**	**1,666.5174**	**0.5390**		**1,679.9920**

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	0.1651	5.2496	1.2894	0.0148	11.5848	0.0162	11.6010	2.8532	0.0155	2.8687		1,608.1140	1,608.1140	0.1150		1,610.9883
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	0.0191	0.0131	0.1473	4.3000e-004	0.0447	3.6000e-004	0.0451	0.0119	3.3000e-004	0.0122		42.8900	42.8900	1.2600e-003		42.9216
Total	**0.1842**	**5.2626**	**1.4367**	**0.0153**	**11.6295**	**0.0165**	**11.6460**	**2.8651**	**0.0158**	**2.8809**		**1,651.0040**	**1,651.0040**	**0.1162**		**1,653.9099**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0642	0.0000	2.0642	1.1306	0.0000	1.1306			0.0000			0.0000
Off-Road	0.2998	5.0659	9.8221	0.0172		0.0281	0.0281		0.0281	0.0281	0.0000	1,666.5174	1,666.5174	0.5390		1,679.9920
Total	**0.2998**	**5.0659**	**9.8221**	**0.0172**	**2.0642**	**0.0281**	**2.0923**	**1.1306**	**0.0281**	**1.1587**	**0.0000**	**1,666.5174**	**1,666.5174**	**0.5390**		**1,679.9920**

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	0.1651	5.2496	1.2894	0.0148	11.5848	0.0162	11.6010	2.8532	0.0155	2.8687		1,608.1140	1,608.1140	0.1150		1,610.9883
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	0.0191	0.0131	0.1473	4.3000e-004	0.0447	3.6000e-004	0.0451	0.0119	3.3000e-004	0.0122		42.8900	42.8900	1.2600e-003		42.9216
Total	**0.1842**	**5.2626**	**1.4367**	**0.0153**	**11.6295**	**0.0165**	**11.6460**	**2.8651**	**0.0158**	**2.8809**		**1,651.0040**	**1,651.0040**	**0.1162**		**1,653.9099**

3.17 Trenching for Music Building - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.2929	0.0000	5.2929	2.8990	0.0000	2.8990			0.0000			0.0000
Off-Road	1.6299	18.3464	7.7093	0.0172		0.8210	0.8210		0.7553	0.7553		1,667.4119	1,667.4119	0.5393		1,680.8937
Total	**1.6299**	**18.3464**	**7.7093**	**0.0172**	**5.2929**	**0.8210**	**6.1138**	**2.8990**	**0.7553**	**3.6543**		**1,667.4119**	**1,667.4119**	**0.5393**		**1,680.8937**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3460	11.2622	2.6183	0.0300	0.6877	0.0360	0.7237	0.1882	0.0345	0.2226		3,252.2304	3,252.2304	0.2334		3,258.0663
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	0.0204	0.0145	0.1604	4.4000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		44.2968	44.2968	1.4000e-003		44.3317
Total	**0.3664**	**11.2767**	**2.7787**	**0.0305**	**0.7324**	**0.0364**	**0.7688**	**0.2000**	**0.0348**	**0.2348**		**3,296.5272**	**3,296.5272**	**0.2348**		**3,302.3980**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0642	0.0000	2.0642	1.1306	0.0000	1.1306			0.0000			0.0000
Off-Road	0.2998	5.0659	9.8221	0.0172		0.0281	0.0281		0.0281	0.0281	0.0000	1,667.4119	1,667.4119	0.5393		1,680.8937
Total	**0.2998**	**5.0659**	**9.8221**	**0.0172**	**2.0642**	**0.0281**	**2.0923**	**1.1306**	**0.0281**	**1.1587**	**0.0000**	**1,667.4119**	**1,667.4119**	**0.5393**		**1,680.8937**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3460	11.2622	2.6183	0.0300	0.6877	0.0360	0.7237	0.1882	0.0345	0.2226		3,252.2304	3,252.2304	0.2334		3,258.0663
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	0.0204	0.0145	0.1604	4.4000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		44.2968	44.2968	1.4000e-003		44.3317
Total	**0.3664**	**11.2767**	**2.7787**	**0.0305**	**0.7324**	**0.0364**	**0.7688**	**0.2000**	**0.0348**	**0.2348**		**3,296.5272**	**3,296.5272**	**0.2348**		**3,302.3980**

3.17 Trenching for Music Building - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.2929	0.0000	5.2929	2.8990	0.0000	2.8990			0.0000			0.0000
Off-Road	1.5558	17.4203	7.5605	0.0172		0.7654	0.7654		0.7041	0.7041		1,666.5174	1,666.5174	0.5390		1,679.9920
Total	**1.5558**	**17.4203**	**7.5605**	**0.0172**	**5.2929**	**0.7654**	**6.0583**	**2.8990**	**0.7041**	**3.6031**		**1,666.5174**	**1,666.5174**	**0.5390**		**1,679.9920**

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	0.3302	10.4991	2.5788	0.0296	23.1696	0.0323	23.2020	5.7065	0.0309	5.7374		3,216.2280	3,216.2280	0.2299		3,221.9766
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	0.0191	0.0131	0.1473	4.3000e-004	0.0447	3.6000e-004	0.0451	0.0119	3.3000e-004	0.0122		42.8900	42.8900	1.2600e-003		42.9216
Total	**0.3492**	**10.5122**	**2.7261**	**0.0301**	**23.2143**	**0.0327**	**23.2470**	**5.7183**	**0.0313**	**5.7496**		**3,259.1180**	**3,259.1180**	**0.2312**		**3,264.8982**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0642	0.0000	2.0642	1.1306	0.0000	1.1306			0.0000			0.0000
Off-Road	0.2998	5.0659	9.8221	0.0172		0.0281	0.0281		0.0281	0.0281	0.0000	1,666.5174	1,666.5174	0.5390		1,679.9920
Total	**0.2998**	**5.0659**	**9.8221**	**0.0172**	**2.0642**	**0.0281**	**2.0923**	**1.1306**	**0.0281**	**1.1587**	**0.0000**	**1,666.5174**	**1,666.5174**	**0.5390**		**1,679.9920**

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	0.3302	10.4991	2.5788	0.0296	23.1696	0.0323	23.2020	5.7065	0.0309	5.7374		3,216.2280	3,216.2280	0.2299		3,221.9766
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	0.0191	0.0131	0.1473	4.3000e-004	0.0447	3.6000e-004	0.0451	0.0119	3.3000e-004	0.0122		42.8900	42.8900	1.2600e-003		42.9216
Total	**0.3492**	**10.5122**	**2.7261**	**0.0301**	**23.2143**	**0.0327**	**23.2470**	**5.7183**	**0.0313**	**5.7496**		**3,259.1180**	**3,259.1180**	**0.2312**		**3,264.8982**

3.18 Grading for Music Building - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7881	0.0000	0.7881	0.4176	0.0000	0.4176			0.0000			0.0000
Off-Road	1.2245	12.8449	9.2016	0.0170		0.6359	0.6359		0.5969	0.5969		1,631.4923	1,631.4923	0.4121		1,641.7937
Total	**1.2245**	**12.8449**	**9.2016**	**0.0170**	**0.7881**	**0.6359**	**1.4240**	**0.4176**	**0.5969**	**1.0145**		**1,631.4923**	**1,631.4923**	**0.4121**		**1,641.7937**

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	0.1153	3.7541	0.8728	0.0100	0.2292	0.0120	0.2412	0.0627	0.0115	0.0742		1,084.0768	1,084.0768	0.0778		1,086.0221
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	0.0204	0.0145	0.1604	4.4000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		44.2968	44.2968	1.4000e-003		44.3317
Total	**0.1358**	**3.7686**	**1.0332**	**0.0104**	**0.2739**	**0.0124**	**0.2863**	**0.0746**	**0.0118**	**0.0864**		**1,128.3736**	**1,128.3736**	**0.0792**		**1,130.3538**

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					0.3074	0.0000	0.3074	0.1629	0.0000	0.1629			0.0000			0.0000
Off-Road	0.3239	5.9723	10.7813	0.0170		0.0262	0.0262		0.0262	0.0262	0.0000	1,631.4923	1,631.4923	0.4121		1,641.7937
Total	**0.3239**	**5.9723**	**10.7813**	**0.0170**	**0.3074**	**0.0262**	**0.3336**	**0.1629**	**0.0262**	**0.1891**	**0.0000**	**1,631.4923**	**1,631.4923**	**0.4121**		**1,641.7937**

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	0.1153	3.7541	0.8728	0.0100	0.2292	0.0120	0.2412	0.0627	0.0115	0.0742		1,084.0768	1,084.0768	0.0778		1,086.0221
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	0.0204	0.0145	0.1604	4.4000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		44.2968	44.2968	1.4000e-003		44.3317
Total	**0.1358**	**3.7686**	**1.0332**	**0.0104**	**0.2739**	**0.0124**	**0.2863**	**0.0746**	**0.0118**	**0.0864**		**1,128.3736**	**1,128.3736**	**0.0792**		**1,130.3538**

3.18 Grading for Music Building - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7881	0.0000	0.7881	0.4176	0.0000	0.4176			0.0000			0.0000
Off-Road	1.1337	11.8849	9.1061	0.0169		0.5607	0.5607		0.5262	0.5262		1,630.9807	1,630.9807	0.4095		1,641.2193
Total	**1.1337**	**11.8849**	**9.1061**	**0.0169**	**0.7881**	**0.5607**	**1.3488**	**0.4176**	**0.5262**	**0.9438**		**1,630.9807**	**1,630.9807**	**0.4095**		**1,641.2193**

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	0.1101	3.4997	0.8596	9.8800e-003	7.7232	0.0108	7.7340	1.9022	0.0103	1.9125		1,072.0760	1,072.0760	0.0767		1,073.9922
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	0.0191	0.0131	0.1473	4.3000e-004	0.0447	3.6000e-004	0.0451	0.0119	3.3000e-004	0.0122		42.8900	42.8900	1.2600e-003		42.9216
Total	**0.1291**	**3.5128**	**1.0069**	**0.0103**	**7.7679**	**0.0111**	**7.7791**	**1.9140**	**0.0106**	**1.9247**		**1,114.9660**	**1,114.9660**	**0.0779**		**1,116.9138**

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					0.3074	0.0000	0.3074	0.1629	0.0000	0.1629			0.0000			0.0000
Off-Road	0.3239	5.9723	10.7813	0.0169		0.0262	0.0262		0.0262	0.0262	0.0000	1,630.9807	1,630.9807	0.4095		1,641.2193
Total	**0.3239**	**5.9723**	**10.7813**	**0.0169**	**0.3074**	**0.0262**	**0.3336**	**0.1629**	**0.0262**	**0.1891**	**0.0000**	**1,630.9807**	**1,630.9807**	**0.4095**		**1,641.2193**

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	0.1101	3.4997	0.8596	9.8800e-003	7.7232	0.0108	7.7340	1.9022	0.0103	1.9125		1,072.0760	1,072.0760	0.0767		1,073.9922
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	0.0191	0.0131	0.1473	4.3000e-004	0.0447	3.6000e-004	0.0451	0.0119	3.3000e-004	0.0122		42.8900	42.8900	1.2600e-003		42.9216
Total	**0.1291**	**3.5128**	**1.0069**	**0.0103**	**7.7679**	**0.0111**	**7.7791**	**1.9140**	**0.0106**	**1.9247**		**1,114.9660**	**1,114.9660**	**0.0779**		**1,116.9138**

3.19 Building Construction for Music Building - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0404	15.6778	16.1049	0.0256		0.8376	0.8376		0.8018	0.8018		2,348.6835	2,348.6835	0.4696		2,360.4246
Total	**2.0404**	**15.6778**	**16.1049**	**0.0256**		**0.8376**	**0.8376**		**0.8018**	**0.8018**		**2,348.6835**	**2,348.6835**	**0.4696**		**2,360.4246**

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	0.0758	2.4105	0.5921	6.8100e-003	0.1552	7.4200e-003	0.1627	0.0426	7.1000e-003	0.0497		738.4197	738.4197	0.0528		739.7395
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	0.1907	0.1305	1.4730	4.3000e-003	0.4471	3.6100e-003	0.4507	0.1186	3.3300e-003	0.1219		428.9004	428.9004	0.0126		429.2160
Total	**0.2665**	**2.5410**	**2.0651**	**0.0111**	**0.6023**	**0.0110**	**0.6134**	**0.1611**	**0.0104**	**0.1716**		**1,167.3201**	**1,167.3201**	**0.0654**		**1,168.9555**

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	0.4903	11.8085	16.5094	0.0256		0.1676	0.1676		0.1676	0.1676	0.0000	2,348.6835	2,348.6835	0.4696		2,360.4246
Total	**0.4903**	**11.8085**	**16.5094**	**0.0256**		**0.1676**	**0.1676**		**0.1676**	**0.1676**	**0.0000**	**2,348.6835**	**2,348.6835**	**0.4696**		**2,360.4246**

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	0.0758	2.4105	0.5921	6.8100e-003	0.1552	7.4200e-003	0.1627	0.0426	7.1000e-003	0.0497		738.4197	738.4197	0.0528		739.7395
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	0.1907	0.1305	1.4730	4.3000e-003	0.4471	3.6100e-003	0.4507	0.1186	3.3300e-003	0.1219		428.9004	428.9004	0.0126		429.2160
Total	**0.2665**	**2.5410**	**2.0651**	**0.0111**	**0.6023**	**0.0110**	**0.6134**	**0.1611**	**0.0104**	**0.1716**		**1,167.3201**	**1,167.3201**	**0.0654**		**1,168.9555**

3.20 Architectural Coating for Music Building - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.0250					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	**3.2439**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**		**281.4481**	**281.4481**	**0.0193**		**281.9309**

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	0.0844	2.6844	0.6594	7.5800e-003	0.2164	8.2600e-003	0.2247	0.0581	7.9100e-003	0.0660		822.3310	822.3310	0.0588		823.8008
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	0.0954	0.0652	0.7365	2.1500e-003	0.2236	1.8100e-003	0.2254	0.0593	1.6600e-003	0.0610		214.4502	214.4502	6.3100e-003		214.6080
Total	**0.1798**	**2.7497**	**1.3959**	**9.7300e-003**	**0.4400**	**0.0101**	**0.4501**	**0.1174**	**9.5700e-003**	**0.1269**		**1,036.7812**	**1,036.7812**	**0.0651**		**1,038.4088**

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	3.0250					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0545	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0193		281.9309
Total	**3.0795**	**1.0598**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0193**		**281.9309**

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	0.0844	2.6844	0.6594	7.5800e-003	0.2164	8.2600e-003	0.2247	0.0581	7.9100e-003	0.0660		822.3310	822.3310	0.0588		823.8008
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	0.0954	0.0652	0.7365	2.1500e-003	0.2236	1.8100e-003	0.2254	0.0593	1.6600e-003	0.0610		214.4502	214.4502	6.3100e-003		214.6080
Total	**0.1798**	**2.7497**	**1.3959**	**9.7300e-003**	**0.4400**	**0.0101**	**0.4501**	**0.1174**	**9.5700e-003**	**0.1269**		**1,036.7812**	**1,036.7812**	**0.0651**		**1,038.4088**

3.20 Architectural Coating for Music Building - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.0250					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	**3.2295**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**		**281.4481**	**281.4481**	**0.0183**		**281.9062**

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	0.0803	2.4917	0.6513	7.4800e-003	0.5650	7.1800e-003	0.5722	0.1436	6.8700e-003	0.1505		812.4779	812.4779	0.0579		813.9241
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	0.0896	0.0589	0.6784	2.0800e-003	0.2236	1.7500e-003	0.2253	0.0593	1.6100e-003	0.0609		206.9139	206.9139	5.7000e-003		207.0563
Total	**0.1699**	**2.5506**	**1.3296**	**9.5600e-003**	**0.7886**	**8.9300e-003**	**0.7975**	**0.2029**	**8.4800e-003**	**0.2114**		**1,019.3918**	**1,019.3918**	**0.0636**		**1,020.9804**

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	3.0250					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0545	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0183		281.9062
Total	**3.0795**	**1.0598**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0183**		**281.9062**

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	0.0803	2.4917	0.6513	7.4800e-003	0.5650	7.1800e-003	0.5722	0.1436	6.8700e-003	0.1505		812.4779	812.4779	0.0579		813.9241
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	0.0896	0.0589	0.6784	2.0800e-003	0.2236	1.7500e-003	0.2253	0.0593	1.6100e-003	0.0609		206.9139	206.9139	5.7000e-003		207.0563
Total	**0.1699**	**2.5506**	**1.3296**	**9.5600e-003**	**0.7886**	**8.9300e-003**	**0.7975**	**0.2029**	**8.4800e-003**	**0.2114**		**1,019.3918**	**1,019.3918**	**0.0636**		**1,020.9804**

CalEEMod Version: CalEEMod.2016.3.2

Date: 1/25/2018 11:18 PM

Santa Monica Malibu USD JAMS

Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Junior High School	8.72	1000sqft	0.00	8,716.00	0
Arena	20.00	1000sqft	1.07	20,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2023
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Land Use - Acreage represents total site.

Off-road Equipment - Applicant provided information

Vehicle Trips - Construction Emissions Only

Construction Off-road Equipment Mitigation - mitigation

Trips and VMT - Transpo 2018

Energy Use - Construction Emissions Only

Water And Wastewater - Construction Emissions Only

Solid Waste - Construction Emissions Only

Table Name	Column Name	Default Value	New Value
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tblGrading	AcresOfGrading	22.50	1.00
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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					
2018	1.3702	17.9800	9.9706	0.0344	0.7636	0.6559	1.4195	0.1823	0.6260	0.8084	0.0000	3,578.0838	3,578.0838	0.3881	0.0000	3,587.7862
2019	12.0042	146.3889	74.2549	0.2604	15.7971	4.9363	20.7334	7.4117	4.6514	12.0632	0.0000	26,791.4277	26,791.4277	3.5918	0.0000	26,881.2231
2020	18.7489	133.8170	73.8680	0.2497	15.5550	4.4936	20.0486	7.3351	4.2376	11.5728	0.0000	25,461.3401	25,461.3401	3.4567	0.0000	25,547.7572
2021	7.1737	83.9533	47.4433	0.1452	54.5880	2.9994	57.5874	16.8741	2.8035	19.6776	0.0000	14,656.6599	14,656.6599	2.4328	0.0000	14,717.4801
2022	3.3883	3.9253	3.1723	0.0128	0.7886	0.0905	0.8791	0.2029	0.0901	0.2930	0.0000	1,328.1205	1,328.1205	0.0803	0.0000	1,330.1287
Maximum	**18.7489**	**146.3889**	**74.2549**	**0.2604**	**54.5880**	**4.9363**	**57.5874**	**16.8741**	**4.6514**	**19.6776**	**0.0000**	**26,791.4277**	**26,791.4277**	**3.5918**	**0.0000**	**26,881.2231**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	0.5425	13.0951	10.1325	0.0344	0.6335	0.0509	0.6844	0.1626	0.0494	0.2121	0.0000	3,578.0838	3,578.0838	0.3881	0.0000	3,587.7862
2019	4.0454	96.5451	79.2683	0.2604	8.8579	0.6329	9.4907	3.6201	0.6233	4.2434	0.0000	26,791.4276	26,791.4276	3.5918	0.0000	26,881.2231
2020	15.9460	89.3950	79.9167	0.2497	8.5643	0.5844	9.1487	3.5380	0.5770	4.1150	0.0000	25,461.3401	25,461.3401	3.4567	0.0000	25,547.7572
2021	3.9834	49.4626	54.0463	0.1452	47.6499	0.3204	47.9703	13.0826	0.3171	13.3998	0.0000	14,656.6599	14,656.6599	2.4328	0.0000	14,717.4801
2022	3.2382	3.5766	3.1911	0.0128	0.7886	0.0128	0.8013	0.2029	0.0123	0.2153	0.0000	1,328.1205	1,328.1205	0.0803	0.0000	1,330.1287
Maximum	**15.9460**	**96.5451**	**79.9167**	**0.2604**	**47.6499**	**0.6329**	**47.9703**	**13.0826**	**0.6233**	**13.3998**	**0.0000**	**26,791.4276**	**26,791.4276**	**3.5918**	**0.0000**	**26,881.2231**

	ROG	NOx	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	**34.98**	**34.71**	**-8.55**	**0.00**	**24.00**	**87.85**	**32.36**	**35.62**	**87.27**	**50.05**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition for New Auditorium	Demolition	6/1/2018	9/1/2018	5	66	
2	Remodel of Building J	Building Construction	6/1/2019	9/1/2019	5	65	
3	Site Preparation for New Auditorium	Site Preparation	8/1/2019	10/1/2019	5	44	
4	Trenching for New Auditorium	Site Preparation	8/1/2019	10/1/2019	5	44	
5	Grading for New Auditorium	Grading	8/1/2019	10/1/2019	5	44	
6	Remodel of Building J Architectural Coating	Building Construction	9/1/2019	12/13/2019	5	75	
7	Building Construction for New Auditorium	Building Construction	10/1/2019	6/1/2020	5	175	
8	Site Preparation for Rehearsal Rooms	Site Preparation	5/1/2020	6/1/2020	5	22	
9	Trenching for Rehearsal Rooms	Site Preparation	5/1/2020	6/1/2020	5	22	
10	Grading for Rehearsal Rooms	Grading	5/1/2020	6/1/2020	5	22	
11	Building Construction for Rehearsal Rooms	Building Construction	5/1/2020	9/1/2020	5	88	
12	Architectural Coating for New Auditorium	Architectural Coating	6/1/2020	12/1/2020	5	132	
13	Demolition for Music Building	Demolition	8/1/2020	11/1/2020	5	65	
14	Architectural Coating for Rehearsal Rooms	Architectural Coating	8/1/2020	9/1/2020	5	22	
15	Site Preparation for Music Building	Site Preparation	11/1/2020	1/1/2021	5	45	
16	Trenching for Music Building	Site Preparation	11/1/2020	1/1/2021	5	45	
17	Grading for Music Building	Grading	11/1/2020	1/1/2021	5	45	
18	Building Construction for Music Building	Building Construction	1/1/2021	10/1/2021	5	196	
19	Architectural Coating for Music Building	Architectural Coating	10/1/2021	2/1/2022	5	88	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 43,074; Non-Residential Outdoor: 14,358; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Demolition for New Auditorium	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition for New Auditorium	Rubber Tired Dozers	1	1.00	247	0.40
Demolition for New Auditorium	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Remodel of Building J	Cranes	1	4.00	231	0.29
Remodel of Building J	Forklifts	2	6.00	89	0.20
Remodel of Building J	Generator Sets	1	8.00	84	0.74
Remodel of Building J	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Remodel of Building J	Welders	3	8.00	46	0.45
Site Preparation for New Auditorium	Graders	1	8.00	187	0.41
Site Preparation for New Auditorium	Rubber Tired Dozers	1	7.00	247	0.40
Site Preparation for New Auditorium	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Trenching for New Auditorium	Graders	1	8.00	187	0.41
Trenching for New Auditorium	Rubber Tired Dozers	1	7.00	247	0.40
Trenching for New Auditorium	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading for New Auditorium	Concrete/Industrial Saws	1	8.00	81	0.73
Grading for New Auditorium	Graders	1	6.00	187	0.41
Grading for New Auditorium	Rubber Tired Dozers	1	1.00	247	0.40
Grading for New Auditorium	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Remodel of Building J Architectural Coating	Cranes	1	4.00	231	0.29
Remodel of Building J Architectural Coating	Forklifts	2	6.00	89	0.20
Remodel of Building J Architectural Coating	Generator Sets	1	8.00	84	0.74
Remodel of Building J Architectural Coating	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Remodel of Building J Architectural Coating	Welders	3	8.00	46	0.45
Building Construction for New Auditorium	Cranes	1	4.00	231	0.29
Building Construction for New Auditorium	Forklifts	2	6.00	89	0.20
Building Construction for New Auditorium	Generator Sets	1	8.00	84	0.74
Building Construction for New Auditorium	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction for New Auditorium	Welders	3	8.00	46	0.45
Site Preparation for Rehearsal Rooms	Graders	1	8.00	187	0.41
Site Preparation for Rehearsal Rooms	Rubber Tired Dozers	1	7.00	247	0.40
Site Preparation for Rehearsal Rooms	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Trenching for Rehearsal Rooms	Graders	1	8.00	187	0.41
Trenching for Rehearsal Rooms	Rubber Tired Dozers	1	7.00	247	0.40
Trenching for Rehearsal Rooms	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading for Rehearsal Rooms	Concrete/Industrial Saws	1	8.00	81	0.73
Grading for Rehearsal Rooms	Graders	1	6.00	187	0.41
Grading for Rehearsal Rooms	Rubber Tired Dozers	1	1.00	247	0.40
Grading for Rehearsal Rooms	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Building Construction for Rehearsal Rooms	Cranes	1	4.00	231	0.29
Building Construction for Rehearsal Rooms	Forklifts	2	6.00	89	0.20

Building Construction for Rehearsal Rooms	Generator Sets	1	8.00	84	0.74
Building Construction for Rehearsal Rooms	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction for Rehearsal Rooms	Welders	3	8.00	46	0.45
Architectural Coating for New Auditorium	Air Compressors	1	6.00	78	0.48
Demolition for Music Building	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition for Music Building	Rubber Tired Dozers	1	1.00	247	0.40
Demolition for Music Building	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Architectural Coating for Rehearsal Rooms	Air Compressors	1	6.00	78	0.48
Site Preparation for Music Building	Graders	1	8.00	187	0.41
Site Preparation for Music Building	Rubber Tired Dozers	1	7.00	247	0.40
Site Preparation for Music Building	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Trenching for Music Building	Graders	1	8.00	187	0.41
Trenching for Music Building	Rubber Tired Dozers	1	7.00	247	0.40
Trenching for Music Building	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading for Music Building	Concrete/Industrial Saws	1	6.00	81	0.73
Grading for Music Building	Graders	1	6.00	187	0.41
Grading for Music Building	Rubber Tired Dozers	1	1.00	247	0.40
Grading for Music Building	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction for Music Building	Cranes	1	4.00	231	0.29
Building Construction for Music Building	Forklifts	2	6.00	89	0.20
Building Construction for Music Building	Generator Sets	1	8.00	84	0.74
Building Construction for Music Building	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction for Music Building	Welders	3	8.00	46	0.45
Architectural Coating for Music Building	Air Compressors	1	6.00	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
Demolition for New Auditorium	4	8.00	0.00	1,740.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Remodel of Building J	9	12.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation for New Auditorium	3	8.00	0.00	2,900.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Trenching for New Auditorium	3	8.00	0.00	2,900.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading for New Auditorium	5	8.00	0.00	1,450.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Remodel of Building J Architectural Coating	9	8.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction for New Auditorium	9	50.00	0.00	2,175.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation for Rehearsal Rooms	3	20.00	0.00	1,160.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Trenching for Rehearsal Rooms	3	4.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading for Rehearsal Rooms	5	4.00	0.00	1,450.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction for Rehearsal Rooms	9	4.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating for New Auditorium	1	12.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition for Music Building	4	4.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating for Rehearsal Rooms	1	8.00	0.00	1,740.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation for Music Building	3	4.00	0.00	870.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Trenching for Music Building	3	4.00	0.00	1,740.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading for Music Building	5	4.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction for Music Building	9	40.00	0.00	1,740.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating for Music Building	1	20.00	0.00	870.00	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

3.2 Demolition for New Auditorium - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2132	0.0000	0.2132	0.0323	0.0000	0.0323			0.0000			0.0000
Off-Road	1.0643	9.4295	7.7762	0.0120		0.6228	0.6228		0.5943	0.5943		1,169.3502	1,169.3502	0.2254		1,174.9857
Total	**1.0643**	**9.4295**	**7.7762**	**0.0120**	**0.2132**	**0.6228**	**0.8360**	**0.0323**	**0.5943**	**0.6266**		**1,169.3502**	**1,169.3502**	**0.2254**		**1,174.9857**

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	0.2617	8.5172	1.7623	0.0214	0.4609	0.0324	0.4933	0.1263	0.0310	0.1573		2,308.4384	2,308.4384	0.1589		2,312.4113
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	0.0442	0.0334	0.4321	1.0100e-003	0.0894	8.0000e-004	0.0902	0.0237	7.4000e-004	0.0245		100.2952	100.2952	3.7600e-003		100.3892
Total	**0.3059**	**8.5505**	**2.1944**	**0.0224**	**0.5503**	**0.0332**	**0.5835**	**0.1501**	**0.0317**	**0.1818**		**2,408.7336**	**2,408.7336**	**0.1627**		**2,412.8005**

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					0.0832	0.0000	0.0832	0.0126	0.0000	0.0126			0.0000			0.0000
Off-Road	0.2366	4.5446	7.9381	0.0120		0.0177	0.0177		0.0177	0.0177	0.0000	1,169.3502	1,169.3502	0.2254		1,174.9857
Total	**0.2366**	**4.5446**	**7.9381**	**0.0120**	**0.0832**	**0.0177**	**0.1008**	**0.0126**	**0.0177**	**0.0303**	**0.0000**	**1,169.3502**	**1,169.3502**	**0.2254**		**1,174.9857**

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	0.2617	8.5172	1.7623	0.0214	0.4609	0.0324	0.4933	0.1263	0.0310	0.1573		2,308.4384	2,308.4384	0.1589		2,312.4113
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	0.0442	0.0334	0.4321	1.0100e-003	0.0894	8.0000e-004	0.0902	0.0237	7.4000e-004	0.0245		100.2952	100.2952	3.7600e-003		100.3892
Total	**0.3059**	**8.5505**	**2.1944**	**0.0224**	**0.5503**	**0.0332**	**0.5835**	**0.1501**	**0.0317**	**0.1818**		**2,408.7336**	**2,408.7336**	**0.1627**		**2,412.8005**

3.3 Remodel of Building J - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5571	18.4714	16.6878	0.0256		1.1302	1.1302		1.0818	1.0818		2,373.1374	2,373.1374	0.5003		2,385.6449
Total	**2.5571**	**18.4714**	**16.6878**	**0.0256**		**1.1302**	**1.1302**		**1.0818**	**1.0818**		**2,373.1374**	**2,373.1374**	**0.5003**		**2,385.6449**

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	0.0839	2.7330	0.5827	7.1300e-003	0.1560	0.0100	0.1660	0.0428	9.5900e-003	0.0524		771.4105	771.4105	0.0531		772.7386
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	0.0600	0.0441	0.5786	1.4600e-003	0.1341	1.1600e-003	0.1353	0.0356	1.0700e-003	0.0366		145.5544	145.5544	5.0000e-003		145.6793
Total	**0.1438**	**2.7771**	**1.1613**	**8.5900e-003**	**0.2901**	**0.0112**	**0.3013**	**0.0783**	**0.0107**	**0.0890**		**916.9648**	**916.9648**	**0.0581**		**918.4180**

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	0.4903	11.8085	16.5094	0.0256		0.1676	0.1676		0.1676	0.1676	0.0000	2,373.1374	2,373.1374	0.5003		2,385.6449
Total	**0.4903**	**11.8085**	**16.5094**	**0.0256**		**0.1676**	**0.1676**		**0.1676**	**0.1676**	**0.0000**	**2,373.1374**	**2,373.1374**	**0.5003**		**2,385.6449**

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	0.0839	2.7330	0.5827	7.1300e-003	0.1560	0.0100	0.1660	0.0428	9.5900e-003	0.0524		771.4105	771.4105	0.0531		772.7386
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	0.0600	0.0441	0.5786	1.4600e-003	0.1341	1.1600e-003	0.1353	0.0356	1.0700e-003	0.0366		145.5544	145.5544	5.0000e-003		145.6793
Total	**0.1438**	**2.7771**	**1.1613**	**8.5900e-003**	**0.2901**	**0.0112**	**0.3013**	**0.0783**	**0.0107**	**0.0890**		**916.9648**	**916.9648**	**0.0581**		**918.4180**

3.4 Site Preparation for New Auditorium - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.2934	0.0000	5.2934	2.8991	0.0000	2.8991			0.0000			0.0000
Off-Road	1.7123	19.4821	7.8893	0.0172		0.8824	0.8824		0.8118	0.8118		1,704.9189	1,704.9189	0.5394		1,718.4044
Total	**1.7123**	**19.4821**	**7.8893**	**0.0172**	**5.2934**	**0.8824**	**6.1758**	**2.8991**	**0.8118**	**3.7108**		**1,704.9189**	**1,704.9189**	**0.5394**		**1,718.4044**

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	0.6193	20.1868	4.3040	0.0527	1.1523	0.0741	1.2264	0.3159	0.0709	0.3867		5,697.9184	5,697.9184	0.3924		5,707.7286
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	0.0400	0.0294	0.3857	9.7000e-004	0.0894	7.7000e-004	0.0902	0.0237	7.1000e-004	0.0244		97.0362	97.0362	3.3300e-003		97.1196
Total	**0.6593**	**20.2162**	**4.6898**	**0.0536**	**1.2418**	**0.0749**	**1.3166**	**0.3396**	**0.0716**	**0.4112**		**5,794.9546**	**5,794.9546**	**0.3957**		**5,804.8482**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0644	0.0000	2.0644	1.1306	0.0000	1.1306			0.0000			0.0000
Off-Road	0.2998	5.0659	9.8221	0.0172		0.0281	0.0281		0.0281	0.0281	0.0000	1,704.9189	1,704.9189	0.5394		1,718.4044
Total	**0.2998**	**5.0659**	**9.8221**	**0.0172**	**2.0644**	**0.0281**	**2.0925**	**1.1306**	**0.0281**	**1.1587**	**0.0000**	**1,704.9189**	**1,704.9189**	**0.5394**		**1,718.4044**

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	0.6193	20.1868	4.3040	0.0527	1.1523	0.0741	1.2264	0.3159	0.0709	0.3867		5,697.9184	5,697.9184	0.3924		5,707.7286
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	0.0400	0.0294	0.3857	9.7000e-004	0.0894	7.7000e-004	0.0902	0.0237	7.1000e-004	0.0244		97.0362	97.0362	3.3300e-003		97.1196
Total	**0.6593**	**20.2162**	**4.6898**	**0.0536**	**1.2418**	**0.0749**	**1.3166**	**0.3396**	**0.0716**	**0.4112**		**5,794.9546**	**5,794.9546**	**0.3957**		**5,804.8482**

3.5 Trenching for New Auditorium - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.2934	0.0000	5.2934	2.8991	0.0000	2.8991			0.0000			0.0000
Off-Road	1.7123	19.4821	7.8893	0.0172		0.8824	0.8824		0.8118	0.8118		1,704.9189	1,704.9189	0.5394		1,718.4044
Total	**1.7123**	**19.4821**	**7.8893**	**0.0172**	**5.2934**	**0.8824**	**6.1758**	**2.8991**	**0.8118**	**3.7108**		**1,704.9189**	**1,704.9189**	**0.5394**		**1,718.4044**

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	0.6193	20.1868	4.3040	0.0527	1.1523	0.0741	1.2264	0.3159	0.0709	0.3867		5,697.9184	5,697.9184	0.3924		5,707.7286
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	0.0400	0.0294	0.3857	9.7000e-004	0.0894	7.7000e-004	0.0902	0.0237	7.1000e-004	0.0244		97.0362	97.0362	3.3300e-003		97.1196
Total	**0.6593**	**20.2162**	**4.6898**	**0.0536**	**1.2418**	**0.0749**	**1.3166**	**0.3396**	**0.0716**	**0.4112**		**5,794.9546**	**5,794.9546**	**0.3957**		**5,804.8482**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0644	0.0000	2.0644	1.1306	0.0000	1.1306			0.0000			0.0000
Off-Road	0.2998	5.0659	9.8221	0.0172		0.0281	0.0281		0.0281	0.0281	0.0000	1,704.9189	1,704.9189	0.5394		1,718.4044
Total	**0.2998**	**5.0659**	**9.8221**	**0.0172**	**2.0644**	**0.0281**	**2.0925**	**1.1306**	**0.0281**	**1.1587**	**0.0000**	**1,704.9189**	**1,704.9189**	**0.5394**		**1,718.4044**

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	0.6193	20.1868	4.3040	0.0527	1.1523	0.0741	1.2264	0.3159	0.0709	0.3867		5,697.9184	5,697.9184	0.3924		5,707.7286
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	0.0400	0.0294	0.3857	9.7000e-004	0.0894	7.7000e-004	0.0902	0.0237	7.1000e-004	0.0244		97.0362	97.0362	3.3300e-003		97.1196
Total	**0.6593**	**20.2162**	**4.6898**	**0.0536**	**1.2418**	**0.0749**	**1.3166**	**0.3396**	**0.0716**	**0.4112**		**5,794.9546**	**5,794.9546**	**0.3957**		**5,804.8482**

3.6 Grading for New Auditorium - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7889	0.0000	0.7889	0.4177	0.0000	0.4177			0.0000			0.0000
Off-Road	1.3181	13.5386	9.0703	0.0170		0.6955	0.6955		0.6582	0.6582		1,652.8774	1,652.8774	0.3772		1,662.3063
Total	**1.3181**	**13.5386**	**9.0703**	**0.0170**	**0.7889**	**0.6955**	**1.4844**	**0.4177**	**0.6582**	**1.0759**		**1,652.8774**	**1,652.8774**	**0.3772**		**1,662.3063**

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	0.3097	10.0934	2.1520	0.0263	0.5762	0.0370	0.6132	0.1579	0.0354	0.1934		2,848.9592	2,848.9592	0.1962		2,853.8643
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	0.0400	0.0294	0.3857	9.7000e-004	0.0894	7.7000e-004	0.0902	0.0237	7.1000e-004	0.0244		97.0362	97.0362	3.3300e-003		97.1196
Total	**0.3496**	**10.1228**	**2.5378**	**0.0273**	**0.6656**	**0.0378**	**0.7034**	**0.1816**	**0.0361**	**0.2178**		**2,945.9954**	**2,945.9954**	**0.1995**		**2,950.9839**

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					0.3077	0.0000	0.3077	0.1629	0.0000	0.1629			0.0000			0.0000
Off-Road	0.3177	5.8529	10.5749	0.0170		0.0258	0.0258		0.0258	0.0258	0.0000	1,652.8774	1,652.8774	0.3772		1,662.3063
Total	**0.3177**	**5.8529**	**10.5749**	**0.0170**	**0.3077**	**0.0258**	**0.3335**	**0.1629**	**0.0258**	**0.1887**	**0.0000**	**1,652.8774**	**1,652.8774**	**0.3772**		**1,662.3063**

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	0.3097	10.0934	2.1520	0.0263	0.5762	0.0370	0.6132	0.1579	0.0354	0.1934		2,848.9592	2,848.9592	0.1962		2,853.8643
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	0.0400	0.0294	0.3857	9.7000e-004	0.0894	7.7000e-004	0.0902	0.0237	7.1000e-004	0.0244		97.0362	97.0362	3.3300e-003		97.1196
Total	**0.3496**	**10.1228**	**2.5378**	**0.0273**	**0.6656**	**0.0378**	**0.7034**	**0.1816**	**0.0361**	**0.2178**		**2,945.9954**	**2,945.9954**	**0.1995**		**2,950.9839**

3.7 Remodel of Building J Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5571	18.4714	16.6878	0.0256		1.1302	1.1302		1.0818	1.0818		2,373.1374	2,373.1374	0.5003		2,385.6449
Total	**2.5571**	**18.4714**	**16.6878**	**0.0256**		**1.1302**	**1.1302**		**1.0818**	**1.0818**		**2,373.1374**	**2,373.1374**	**0.5003**		**2,385.6449**

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	0.0727	2.3686	0.5050	6.1800e-003	0.1352	8.6900e-003	0.1439	0.0371	8.3200e-003	0.0454		668.5558	668.5558	0.0460		669.7068
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	0.0400	0.0294	0.3857	9.7000e-004	0.0894	7.7000e-004	0.0902	0.0237	7.1000e-004	0.0244		97.0362	97.0362	3.3300e-003		97.1196
Total	**0.1126**	**2.3980**	**0.8907**	**7.1500e-003**	**0.2246**	**9.4600e-003**	**0.2341**	**0.0608**	**9.0300e-003**	**0.0698**		**765.5920**	**765.5920**	**0.0494**		**766.8264**

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	0.4903	11.8085	16.5094	0.0256		0.1676	0.1676		0.1676	0.1676	0.0000	2,373.1374	2,373.1374	0.5003		2,385.6449
Total	**0.4903**	**11.8085**	**16.5094**	**0.0256**		**0.1676**	**0.1676**		**0.1676**	**0.1676**	**0.0000**	**2,373.1374**	**2,373.1374**	**0.5003**		**2,385.6449**

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	0.0727	2.3686	0.5050	6.1800e-003	0.1352	8.6900e-003	0.1439	0.0371	8.3200e-003	0.0454		668.5558	668.5558	0.0460		669.7068
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	0.0400	0.0294	0.3857	9.7000e-004	0.0894	7.7000e-004	0.0902	0.0237	7.1000e-004	0.0244		97.0362	97.0362	3.3300e-003		97.1196
Total	**0.1126**	**2.3980**	**0.8907**	**7.1500e-003**	**0.2246**	**9.4600e-003**	**0.2341**	**0.0608**	**9.0300e-003**	**0.0698**		**765.5920**	**765.5920**	**0.0494**		**766.8264**

3.8 Building Construction for New Auditorium - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5571	18.4714	16.6878	0.0256		1.1302	1.1302		1.0818	1.0818		2,373.1374	2,373.1374	0.5003		2,385.6449
Total	**2.5571**	**18.4714**	**16.6878**	**0.0256**		**1.1302**	**1.1302**		**1.0818**	**1.0818**		**2,373.1374**	**2,373.1374**	**0.5003**		**2,385.6449**

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	0.1168	3.8067	0.8116	9.9300e-003	0.4887	0.0140	0.5026	0.1262	0.0134	0.1395		1,074.4646	1,074.4646	0.0740		1,076.3145
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	0.2498	0.1836	2.4108	6.0900e-003	0.5589	4.8200e-003	0.5637	0.1482	4.4400e-003	0.1527		606.4764	606.4764	0.0208		606.9972
Total	**0.3666**	**3.9902**	**3.2224**	**0.0160**	**1.0476**	**0.0188**	**1.0663**	**0.2744**	**0.0178**	**0.2922**		**1,680.9411**	**1,680.9411**	**0.0948**		**1,683.3118**

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	0.4903	11.8085	16.5094	0.0256		0.1676	0.1676		0.1676	0.1676	0.0000	2,373.1374	2,373.1374	0.5003		2,385.6449
Total	**0.4903**	**11.8085**	**16.5094**	**0.0256**		**0.1676**	**0.1676**		**0.1676**	**0.1676**	**0.0000**	**2,373.1374**	**2,373.1374**	**0.5003**		**2,385.6449**

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	0.1168	3.8067	0.8116	9.9300e-003	0.4887	0.0140	0.5026	0.1262	0.0134	0.1395		1,074.4646	1,074.4646	0.0740		1,076.3145
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	0.2498	0.1836	2.4108	6.0900e-003	0.5589	4.8200e-003	0.5637	0.1482	4.4400e-003	0.1527		606.4764	606.4764	0.0208		606.9972
Total	**0.3666**	**3.9902**	**3.2224**	**0.0160**	**1.0476**	**0.0188**	**1.0663**	**0.2744**	**0.0178**	**0.2922**		**1,680.9411**	**1,680.9411**	**0.0948**		**1,683.3118**

3.8 Building Construction for New Auditorium - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2870	17.0449	16.3941	0.0256		0.9793	0.9793		0.9375	0.9375		2,348.4458	2,348.4458	0.4838		2,360.5411
Total	**2.2870**	**17.0449**	**16.3941**	**0.0256**		**0.9793**	**0.9793**		**0.9375**	**0.9375**		**2,348.4458**	**2,348.4458**	**0.4838**		**2,360.5411**

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	0.1086	3.5737	0.7919	9.8200e-003	0.3168	0.0114	0.3282	0.0840	0.0109	0.0949		1,063.6767	1,063.6767	0.0724		1,065.4867
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	0.2301	0.1637	2.1892	5.9100e-003	0.5589	4.6700e-003	0.5636	0.1482	4.3000e-003	0.1525		588.0564	588.0564	0.0185		588.5199
Total	**0.3387**	**3.7374**	**2.9811**	**0.0157**	**0.8757**	**0.0161**	**0.8918**	**0.2322**	**0.0152**	**0.2474**		**1,651.7331**	**1,651.7331**	**0.0909**		**1,654.0066**

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	0.4903	11.8085	16.5094	0.0256		0.1676	0.1676		0.1676	0.1676	0.0000	2,348.4458	2,348.4458	0.4838		2,360.5411
Total	**0.4903**	**11.8085**	**16.5094**	**0.0256**		**0.1676**	**0.1676**		**0.1676**	**0.1676**	**0.0000**	**2,348.4458**	**2,348.4458**	**0.4838**		**2,360.5411**

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	0.1086	3.5737	0.7919	9.8200e-003	0.3168	0.0114	0.3282	0.0840	0.0109	0.0949		1,063.6767	1,063.6767	0.0724		1,065.4867
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	0.2301	0.1637	2.1892	5.9100e-003	0.5589	4.6700e-003	0.5636	0.1482	4.3000e-003	0.1525		588.0564	588.0564	0.0185		588.5199
Total	**0.3387**	**3.7374**	**2.9811**	**0.0157**	**0.8757**	**0.0161**	**0.8918**	**0.2322**	**0.0152**	**0.2474**		**1,651.7331**	**1,651.7331**	**0.0909**		**1,654.0066**

3.9 Site Preparation for Rehearsal Rooms - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.3175	0.0000	5.3175	2.9017	0.0000	2.9017			0.0000			0.0000
Off-Road	1.6299	18.3464	7.7093	0.0172		0.8210	0.8210		0.7553	0.7553		1,667.4119	1,667.4119	0.5393		1,680.8937
Total	**1.6299**	**18.3464**	**7.7093**	**0.0172**	**5.3175**	**0.8210**	**6.1385**	**2.9017**	**0.7553**	**3.6569**		**1,667.4119**	**1,667.4119**	**0.5393**		**1,680.8937**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4606	15.1612	3.3596	0.0417	0.9219	0.0484	0.9703	0.2527	0.0463	0.2990		4,512.5678	4,512.5678	0.3072		4,520.2466
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	0.0920	0.0655	0.8757	2.3600e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		235.2226	235.2226	7.4200e-003		235.4080
Total	**0.5526**	**15.2267**	**4.2353**	**0.0440**	**1.1455**	**0.0503**	**1.1957**	**0.3120**	**0.0480**	**0.3600**		**4,747.7903**	**4,747.7903**	**0.3146**		**4,755.6546**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0738	0.0000	2.0738	1.1317	0.0000	1.1317			0.0000			0.0000
Off-Road	0.2998	5.0659	9.8221	0.0172		0.0281	0.0281		0.0281	0.0281	0.0000	1,667.4119	1,667.4119	0.5393		1,680.8937
Total	**0.2998**	**5.0659**	**9.8221**	**0.0172**	**2.0738**	**0.0281**	**2.1019**	**1.1317**	**0.0281**	**1.1597**	**0.0000**	**1,667.4119**	**1,667.4119**	**0.5393**		**1,680.8937**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4606	15.1612	3.3596	0.0417	0.9219	0.0484	0.9703	0.2527	0.0463	0.2990		4,512.5678	4,512.5678	0.3072		4,520.2466
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	0.0920	0.0655	0.8757	2.3600e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		235.2226	235.2226	7.4200e-003		235.4080
Total	**0.5526**	**15.2267**	**4.2353**	**0.0440**	**1.1455**	**0.0503**	**1.1957**	**0.3120**	**0.0480**	**0.3600**		**4,747.7903**	**4,747.7903**	**0.3146**		**4,755.6546**

3.10 Trenching for Rehearsal Rooms - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.3175	0.0000	5.3175	2.9017	0.0000	2.9017			0.0000			0.0000
Off-Road	1.6299	18.3464	7.7093	0.0172		0.8210	0.8210		0.7553	0.7553		1,667.4119	1,667.4119	0.5393		1,680.8937
Total	**1.6299**	**18.3464**	**7.7093**	**0.0172**	**5.3175**	**0.8210**	**6.1385**	**2.9017**	**0.7553**	**3.6569**		**1,667.4119**	**1,667.4119**	**0.5393**		**1,680.8937**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2303	7.5806	1.6798	0.0208	0.4610	0.0242	0.4852	0.1264	0.0232	0.1495		2,256.2839	2,256.2839	0.1536		2,260.1233
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	0.0184	0.0131	0.1751	4.7000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		47.0445	47.0445	1.4800e-003		47.0816
Total	**0.2487**	**7.5937**	**1.8549**	**0.0213**	**0.5057**	**0.0246**	**0.5302**	**0.1382**	**0.0235**	**0.1617**		**2,303.3284**	**2,303.3284**	**0.1551**		**2,307.2049**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0738	0.0000	2.0738	1.1317	0.0000	1.1317			0.0000			0.0000
Off-Road	0.2998	5.0659	9.8221	0.0172		0.0281	0.0281		0.0281	0.0281	0.0000	1,667.4119	1,667.4119	0.5393		1,680.8937
Total	**0.2998**	**5.0659**	**9.8221**	**0.0172**	**2.0738**	**0.0281**	**2.1019**	**1.1317**	**0.0281**	**1.1597**	**0.0000**	**1,667.4119**	**1,667.4119**	**0.5393**		**1,680.8937**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2303	7.5806	1.6798	0.0208	0.4610	0.0242	0.4852	0.1264	0.0232	0.1495		2,256.2839	2,256.2839	0.1536		2,260.1233
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	0.0184	0.0131	0.1751	4.7000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		47.0445	47.0445	1.4800e-003		47.0816
Total	**0.2487**	**7.5937**	**1.8549**	**0.0213**	**0.5057**	**0.0246**	**0.5302**	**0.1382**	**0.0235**	**0.1617**		**2,303.3284**	**2,303.3284**	**0.1551**		**2,307.2049**

3.11 Grading for Rehearsal Rooms - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.8251	0.0000	0.8251	0.4216	0.0000	0.4216			0.0000			0.0000
Off-Road	1.2243	12.6170	8.9834	0.0170		0.6189	0.6189		0.5852	0.5852		1,629.2742	1,629.2742	0.3728		1,638.5943
Total	**1.2243**	**12.6170**	**8.9834**	**0.0170**	**0.8251**	**0.6189**	**1.4439**	**0.4216**	**0.5852**	**1.0068**		**1,629.2742**	**1,629.2742**	**0.3728**		**1,638.5943**

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	0.5757	18.9516	4.1995	0.0521	1.1524	0.0605	1.2129	0.3159	0.0579	0.3738		5,640.7097	5,640.7097	0.3839		5,650.3083
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	0.0184	0.0131	0.1751	4.7000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		47.0445	47.0445	1.4800e-003		47.0816
Total	**0.5941**	**18.9647**	**4.3746**	**0.0525**	**1.1971**	**0.0609**	**1.2580**	**0.3278**	**0.0582**	**0.3860**		**5,687.7542**	**5,687.7542**	**0.3854**		**5,697.3899**

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					0.3218	0.0000	0.3218	0.1644	0.0000	0.1644			0.0000			0.0000
Off-Road	0.3177	5.8529	10.5749	0.0170		0.0258	0.0258		0.0258	0.0258	0.0000	1,629.2742	1,629.2742	0.3728		1,638.5943
Total	**0.3177**	**5.8529**	**10.5749**	**0.0170**	**0.3218**	**0.0258**	**0.3476**	**0.1644**	**0.0258**	**0.1902**	**0.0000**	**1,629.2742**	**1,629.2742**	**0.3728**		**1,638.5943**

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	0.5757	18.9516	4.1995	0.0521	1.1524	0.0605	1.2129	0.3159	0.0579	0.3738		5,640.7097	5,640.7097	0.3839		5,650.3083
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	0.0184	0.0131	0.1751	4.7000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		47.0445	47.0445	1.4800e-003		47.0816
Total	**0.5941**	**18.9647**	**4.3746**	**0.0525**	**1.1971**	**0.0609**	**1.2580**	**0.3278**	**0.0582**	**0.3860**		**5,687.7542**	**5,687.7542**	**0.3854**		**5,697.3899**

3.12 Building Construction for Rehearsal Rooms - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2870	17.0449	16.3941	0.0256		0.9793	0.9793		0.9375	0.9375		2,348.4458	2,348.4458	0.4838		2,360.5411
Total	**2.2870**	**17.0449**	**16.3941**	**0.0256**		**0.9793**	**0.9793**		**0.9375**	**0.9375**		**2,348.4458**	**2,348.4458**	**0.4838**		**2,360.5411**

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	0.0576	1.8952	0.4200	5.2100e-003	0.1152	6.0500e-003	0.1213	0.0316	5.7900e-003	0.0374		564.0710	564.0710	0.0384		565.0308
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	0.0184	0.0131	0.1751	4.7000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		47.0445	47.0445	1.4800e-003		47.0816
Total	**0.0760**	**1.9083**	**0.5951**	**5.6800e-003**	**0.1600**	**6.4200e-003**	**0.1664**	**0.0435**	**6.1300e-003**	**0.0496**		**611.1155**	**611.1155**	**0.0399**		**612.1124**

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	0.4903	11.8085	16.5094	0.0256		0.1676	0.1676		0.1676	0.1676	0.0000	2,348.4458	2,348.4458	0.4838		2,360.5411
Total	**0.4903**	**11.8085**	**16.5094**	**0.0256**		**0.1676**	**0.1676**		**0.1676**	**0.1676**	**0.0000**	**2,348.4458**	**2,348.4458**	**0.4838**		**2,360.5411**

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	0.0576	1.8952	0.4200	5.2100e-003	0.1152	6.0500e-003	0.1213	0.0316	5.7900e-003	0.0374		564.0710	564.0710	0.0384		565.0308
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	0.0184	0.0131	0.1751	4.7000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		47.0445	47.0445	1.4800e-003		47.0816
Total	**0.0760**	**1.9083**	**0.5951**	**5.6800e-003**	**0.1600**	**6.4200e-003**	**0.1664**	**0.0435**	**6.1300e-003**	**0.0496**		**611.1155**	**611.1155**	**0.0399**		**612.1124**

3.13 Architectural Coating for New Auditorium - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.0167					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928
Total	**2.2588**	**1.6838**	**1.8314**	**2.9700e-003**		**0.1109**	**0.1109**		**0.1109**	**0.1109**		**281.4481**	**281.4481**	**0.0218**		**281.9928**

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	0.0384	1.2634	0.2800	3.4700e-003	0.0768	4.0300e-003	0.0809	0.0211	3.8600e-003	0.0249		376.0473	376.0473	0.0256		376.6872
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	0.0552	0.0393	0.5254	1.4200e-003	0.1341	1.1200e-003	0.1353	0.0356	1.0300e-003	0.0366		141.1335	141.1335	4.4500e-003		141.2448
Total	**0.0936**	**1.3027**	**0.8054**	**4.8900e-003**	**0.2110**	**5.1500e-003**	**0.2161**	**0.0566**	**4.8900e-003**	**0.0615**		**517.1809**	**517.1809**	**0.0301**		**517.9320**

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	2.0167					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0545	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0218		281.9928
Total	**2.0711**	**1.0598**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0218**		**281.9928**

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	0.0384	1.2634	0.2800	3.4700e-003	0.0768	4.0300e-003	0.0809	0.0211	3.8600e-003	0.0249		376.0473	376.0473	0.0256		376.6872
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	0.0552	0.0393	0.5254	1.4200e-003	0.1341	1.1200e-003	0.1353	0.0356	1.0300e-003	0.0366		141.1335	141.1335	4.4500e-003		141.2448
Total	**0.0936**	**1.3027**	**0.8054**	**4.8900e-003**	**0.2110**	**5.1500e-003**	**0.2161**	**0.0566**	**4.8900e-003**	**0.0615**		**517.1809**	**517.1809**	**0.0301**		**517.9320**

3.14 Demolition for Music Building - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0848	0.0000	0.0848	0.0128	0.0000	0.0128			0.0000			0.0000
Off-Road	0.8674	7.8729	7.6226	0.0120		0.4672	0.4672		0.4457	0.4457		1,147.2352	1,147.2352	0.2169		1,152.6578
Total	**0.8674**	**7.8729**	**7.6226**	**0.0120**	**0.0848**	**0.4672**	**0.5520**	**0.0128**	**0.4457**	**0.4585**		**1,147.2352**	**1,147.2352**	**0.2169**		**1,152.6578**

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	0.0779	2.5658	0.5686	7.0500e-003	0.1560	8.1900e-003	0.1642	0.0428	7.8300e-003	0.0506		763.6653	763.6653	0.0520		764.9648
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	0.0184	0.0131	0.1751	4.7000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		47.0445	47.0445	1.4800e-003		47.0816
Total	**0.0964**	**2.5789**	**0.7437**	**7.5200e-003**	**0.2007**	**8.5600e-003**	**0.2093**	**0.0546**	**8.1700e-003**	**0.0628**		**810.7098**	**810.7098**	**0.0535**		**812.0464**

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					0.0331	0.0000	0.0331	5.0100e-003	0.0000	5.0100e-003			0.0000			0.0000
Off-Road	0.2366	4.5446	7.9381	0.0120		0.0177	0.0177		0.0177	0.0177	0.0000	1,147.2352	1,147.2352	0.2169		1,152.6578
Total	**0.2366**	**4.5446**	**7.9381**	**0.0120**	**0.0331**	**0.0177**	**0.0508**	**5.0100e-003**	**0.0177**	**0.0227**	**0.0000**	**1,147.2352**	**1,147.2352**	**0.2169**		**1,152.6578**

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	0.0779	2.5658	0.5686	7.0500e-003	0.1560	8.1900e-003	0.1642	0.0428	7.8300e-003	0.0506		763.6653	763.6653	0.0520		764.9648
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	0.0184	0.0131	0.1751	4.7000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		47.0445	47.0445	1.4800e-003		47.0816
Total	**0.0964**	**2.5789**	**0.7437**	**7.5200e-003**	**0.2007**	**8.5600e-003**	**0.2093**	**0.0546**	**8.1700e-003**	**0.0628**		**810.7098**	**810.7098**	**0.0535**		**812.0464**

3.15 Architectural Coating for Rehearsal Rooms - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.0999					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928
Total	**12.3421**	**1.6838**	**1.8314**	**2.9700e-003**		**0.1109**	**0.1109**		**0.1109**	**0.1109**		**281.4481**	**281.4481**	**0.0218**		**281.9928**

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	0.6909	22.7419	5.0394	0.0625	1.3829	0.0726	1.4555	0.3791	0.0694	0.4485		6,768.8516	6,768.8516	0.4607		6,780.3699
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	0.0368	0.0262	0.3503	9.4000e-004	0.0894	7.5000e-004	0.0902	0.0237	6.9000e-004	0.0244		94.0890	94.0890	2.9700e-003		94.1632
Total	**0.7277**	**22.7681**	**5.3897**	**0.0634**	**1.4723**	**0.0733**	**1.5456**	**0.4028**	**0.0701**	**0.4729**		**6,862.9407**	**6,862.9407**	**0.4637**		**6,874.5331**

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	12.0999					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0545	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0218		281.9928
Total	**12.1544**	**1.0598**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0218**		**281.9928**

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	0.6909	22.7419	5.0394	0.0625	1.3829	0.0726	1.4555	0.3791	0.0694	0.4485		6,768.8516	6,768.8516	0.4607		6,780.3699
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	0.0368	0.0262	0.3503	9.4000e-004	0.0894	7.5000e-004	0.0902	0.0237	6.9000e-004	0.0244		94.0890	94.0890	2.9700e-003		94.1632
Total	**0.7277**	**22.7681**	**5.3897**	**0.0634**	**1.4723**	**0.0733**	**1.5456**	**0.4028**	**0.0701**	**0.4729**		**6,862.9407**	**6,862.9407**	**0.4637**		**6,874.5331**

3.16 Site Preparation for Music Building - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.2929	0.0000	5.2929	2.8990	0.0000	2.8990			0.0000			0.0000
Off-Road	1.6299	18.3464	7.7093	0.0172		0.8210	0.8210		0.7553	0.7553		1,667.4119	1,667.4119	0.5393		1,680.8937
Total	**1.6299**	**18.3464**	**7.7093**	**0.0172**	**5.2929**	**0.8210**	**6.1138**	**2.8990**	**0.7553**	**3.6543**		**1,667.4119**	**1,667.4119**	**0.5393**		**1,680.8937**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1689	5.5591	1.2319	0.0153	0.3438	0.0177	0.3616	0.0941	0.0170	0.1111		1,654.6082	1,654.6082	0.1126		1,657.4238
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	0.0184	0.0131	0.1751	4.7000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		47.0445	47.0445	1.4800e-003		47.0816
Total	**0.1873**	**5.5722**	**1.4070**	**0.0157**	**0.3886**	**0.0181**	**0.4067**	**0.1060**	**0.0173**	**0.1233**		**1,701.6527**	**1,701.6527**	**0.1141**		**1,704.5054**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0642	0.0000	2.0642	1.1306	0.0000	1.1306			0.0000			0.0000
Off-Road	0.2998	5.0659	9.8221	0.0172		0.0281	0.0281		0.0281	0.0281	0.0000	1,667.4119	1,667.4119	0.5393		1,680.8937
Total	**0.2998**	**5.0659**	**9.8221**	**0.0172**	**2.0642**	**0.0281**	**2.0923**	**1.1306**	**0.0281**	**1.1587**	**0.0000**	**1,667.4119**	**1,667.4119**	**0.5393**		**1,680.8937**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1689	5.5591	1.2319	0.0153	0.3438	0.0177	0.3616	0.0941	0.0170	0.1111		1,654.6082	1,654.6082	0.1126		1,657.4238
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	0.0184	0.0131	0.1751	4.7000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		47.0445	47.0445	1.4800e-003		47.0816
Total	**0.1873**	**5.5722**	**1.4070**	**0.0157**	**0.3886**	**0.0181**	**0.4067**	**0.1060**	**0.0173**	**0.1233**		**1,701.6527**	**1,701.6527**	**0.1141**		**1,704.5054**

3.16 Site Preparation for Music Building - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.2929	0.0000	5.2929	2.8990	0.0000	2.8990			0.0000			0.0000
Off-Road	1.5558	17.4203	7.5605	0.0172		0.7654	0.7654		0.7041	0.7041		1,666.5174	1,666.5174	0.5390		1,679.9920
Total	**1.5558**	**17.4203**	**7.5605**	**0.0172**	**5.2929**	**0.7654**	**6.0583**	**2.8990**	**0.7041**	**3.6031**		**1,666.5174**	**1,666.5174**	**0.5390**		**1,679.9920**

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	0.1612	5.1860	1.2160	0.0151	11.5848	0.0159	11.6007	2.8532	0.0152	2.8685		1,636.4628	1,636.4628	0.1111		1,639.2392
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	0.0172	0.0118	0.1611	4.6000e-004	0.0447	3.6000e-004	0.0451	0.0119	3.3000e-004	0.0122		45.5508	45.5508	1.3400e-003		45.5844
Total	**0.1784**	**5.1978**	**1.3771**	**0.0155**	**11.6295**	**0.0163**	**11.6458**	**2.8651**	**0.0156**	**2.8807**		**1,682.0136**	**1,682.0136**	**0.1124**		**1,684.8235**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0642	0.0000	2.0642	1.1306	0.0000	1.1306			0.0000			0.0000
Off-Road	0.2998	5.0659	9.8221	0.0172		0.0281	0.0281		0.0281	0.0281	0.0000	1,666.5174	1,666.5174	0.5390		1,679.9920
Total	**0.2998**	**5.0659**	**9.8221**	**0.0172**	**2.0642**	**0.0281**	**2.0923**	**1.1306**	**0.0281**	**1.1587**	**0.0000**	**1,666.5174**	**1,666.5174**	**0.5390**		**1,679.9920**

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	0.1612	5.1860	1.2160	0.0151	11.5848	0.0159	11.6007	2.8532	0.0152	2.8685		1,636.4628	1,636.4628	0.1111		1,639.2392
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	0.0172	0.0118	0.1611	4.6000e-004	0.0447	3.6000e-004	0.0451	0.0119	3.3000e-004	0.0122		45.5508	45.5508	1.3400e-003		45.5844
Total	**0.1784**	**5.1978**	**1.3771**	**0.0155**	**11.6295**	**0.0163**	**11.6458**	**2.8651**	**0.0156**	**2.8807**		**1,682.0136**	**1,682.0136**	**0.1124**		**1,684.8235**

3.17 Trenching for Music Building - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.2929	0.0000	5.2929	2.8990	0.0000	2.8990			0.0000			0.0000
Off-Road	1.6299	18.3464	7.7093	0.0172		0.8210	0.8210		0.7553	0.7553		1,667.4119	1,667.4119	0.5393		1,680.8937
Total	**1.6299**	**18.3464**	**7.7093**	**0.0172**	**5.2929**	**0.8210**	**6.1138**	**2.8990**	**0.7553**	**3.6543**		**1,667.4119**	**1,667.4119**	**0.5393**		**1,680.8937**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3378	11.1182	2.4637	0.0305	0.6877	0.0355	0.7232	0.1882	0.0340	0.2221		3,309.2164	3,309.2164	0.2253		3,314.8475
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	0.0184	0.0131	0.1751	4.7000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		47.0445	47.0445	1.4800e-003		47.0816
Total	**0.3562**	**11.1313**	**2.6388**	**0.0310**	**0.7324**	**0.0359**	**0.7683**	**0.2000**	**0.0343**	**0.2343**		**3,356.2609**	**3,356.2609**	**0.2267**		**3,361.9291**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0642	0.0000	2.0642	1.1306	0.0000	1.1306			0.0000			0.0000
Off-Road	0.2998	5.0659	9.8221	0.0172		0.0281	0.0281		0.0281	0.0281	0.0000	1,667.4119	1,667.4119	0.5393		1,680.8937
Total	**0.2998**	**5.0659**	**9.8221**	**0.0172**	**2.0642**	**0.0281**	**2.0923**	**1.1306**	**0.0281**	**1.1587**	**0.0000**	**1,667.4119**	**1,667.4119**	**0.5393**		**1,680.8937**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3378	11.1182	2.4637	0.0305	0.6877	0.0355	0.7232	0.1882	0.0340	0.2221		3,309.2164	3,309.2164	0.2253		3,314.8475
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	0.0184	0.0131	0.1751	4.7000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		47.0445	47.0445	1.4800e-003		47.0816
Total	**0.3562**	**11.1313**	**2.6388**	**0.0310**	**0.7324**	**0.0359**	**0.7683**	**0.2000**	**0.0343**	**0.2343**		**3,356.2609**	**3,356.2609**	**0.2267**		**3,361.9291**

3.17 Trenching for Music Building - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.2929	0.0000	5.2929	2.8990	0.0000	2.8990			0.0000			0.0000
Off-Road	1.5558	17.4203	7.5605	0.0172		0.7654	0.7654		0.7041	0.7041		1,666.5174	1,666.5174	0.5390		1,679.9920
Total	**1.5558**	**17.4203**	**7.5605**	**0.0172**	**5.2929**	**0.7654**	**6.0583**	**2.8990**	**0.7041**	**3.6031**		**1,666.5174**	**1,666.5174**	**0.5390**		**1,679.9920**

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	0.3224	10.3721	2.4320	0.0302	23.1696	0.0318	23.2015	5.7065	0.0305	5.7369		3,272.9256	3,272.9256	0.2221		3,278.4784
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	0.0172	0.0118	0.1611	4.6000e-004	0.0447	3.6000e-004	0.0451	0.0119	3.3000e-004	0.0122		45.5508	45.5508	1.3400e-003		45.5844
Total	**0.3396**	**10.3839**	**2.5931**	**0.0306**	**23.2143**	**0.0322**	**23.2465**	**5.7183**	**0.0308**	**5.7491**		**3,318.4764**	**3,318.4764**	**0.2235**		**3,324.0627**

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					
Fugitive Dust					2.0642	0.0000	2.0642	1.1306	0.0000	1.1306			0.0000			0.0000
Off-Road	0.2998	5.0659	9.8221	0.0172		0.0281	0.0281		0.0281	0.0281	0.0000	1,666.5174	1,666.5174	0.5390		1,679.9920
Total	**0.2998**	**5.0659**	**9.8221**	**0.0172**	**2.0642**	**0.0281**	**2.0923**	**1.1306**	**0.0281**	**1.1587**	**0.0000**	**1,666.5174**	**1,666.5174**	**0.5390**		**1,679.9920**

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	0.3224	10.3721	2.4320	0.0302	23.1696	0.0318	23.2015	5.7065	0.0305	5.7369		3,272.9256	3,272.9256	0.2221		3,278.4784
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	0.0172	0.0118	0.1611	4.6000e-004	0.0447	3.6000e-004	0.0451	0.0119	3.3000e-004	0.0122		45.5508	45.5508	1.3400e-003		45.5844
Total	**0.3396**	**10.3839**	**2.5931**	**0.0306**	**23.2143**	**0.0322**	**23.2465**	**5.7183**	**0.0308**	**5.7491**		**3,318.4764**	**3,318.4764**	**0.2235**		**3,324.0627**

3.18 Grading for Music Building - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7881	0.0000	0.7881	0.4176	0.0000	0.4176			0.0000			0.0000
Off-Road	1.2245	12.8449	9.2016	0.0170		0.6359	0.6359		0.5969	0.5969		1,631.4923	1,631.4923	0.4121		1,641.7937
Total	**1.2245**	**12.8449**	**9.2016**	**0.0170**	**0.7881**	**0.6359**	**1.4240**	**0.4176**	**0.5969**	**1.0145**		**1,631.4923**	**1,631.4923**	**0.4121**		**1,641.7937**

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	0.1126	3.7061	0.8212	0.0102	0.2292	0.0118	0.2411	0.0627	0.0113	0.0740		1,103.0721	1,103.0721	0.0751		1,104.9492
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	0.0184	0.0131	0.1751	4.7000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		47.0445	47.0445	1.4800e-003		47.0816
Total	**0.1310**	**3.7192**	**0.9964**	**0.0107**	**0.2739**	**0.0122**	**0.2861**	**0.0746**	**0.0117**	**0.0862**		**1,150.1166**	**1,150.1166**	**0.0766**		**1,152.0308**

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					0.3074	0.0000	0.3074	0.1629	0.0000	0.1629			0.0000			0.0000
Off-Road	0.3239	5.9723	10.7813	0.0170		0.0262	0.0262		0.0262	0.0262	0.0000	1,631.4923	1,631.4923	0.4121		1,641.7937
Total	**0.3239**	**5.9723**	**10.7813**	**0.0170**	**0.3074**	**0.0262**	**0.3336**	**0.1629**	**0.0262**	**0.1891**	**0.0000**	**1,631.4923**	**1,631.4923**	**0.4121**		**1,641.7937**

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	0.1126	3.7061	0.8212	0.0102	0.2292	0.0118	0.2411	0.0627	0.0113	0.0740		1,103.0721	1,103.0721	0.0751		1,104.9492
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	0.0184	0.0131	0.1751	4.7000e-004	0.0447	3.7000e-004	0.0451	0.0119	3.4000e-004	0.0122		47.0445	47.0445	1.4800e-003		47.0816
Total	**0.1310**	**3.7192**	**0.9964**	**0.0107**	**0.2739**	**0.0122**	**0.2861**	**0.0746**	**0.0117**	**0.0862**		**1,150.1166**	**1,150.1166**	**0.0766**		**1,152.0308**

3.18 Grading for Music Building - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7881	0.0000	0.7881	0.4176	0.0000	0.4176			0.0000			0.0000
Off-Road	1.1337	11.8849	9.1061	0.0169		0.5607	0.5607		0.5262	0.5262		1,630.9807	1,630.9807	0.4095		1,641.2193
Total	**1.1337**	**11.8849**	**9.1061**	**0.0169**	**0.7881**	**0.5607**	**1.3488**	**0.4176**	**0.5262**	**0.9438**		**1,630.9807**	**1,630.9807**	**0.4095**		**1,641.2193**

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	0.1075	3.4574	0.8107	0.0101	7.7232	0.0106	7.7338	1.9022	0.0102	1.9123		1,090.9752	1,090.9752	0.0740		1,092.8261
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	0.0172	0.0118	0.1611	4.6000e-004	0.0447	3.6000e-004	0.0451	0.0119	3.3000e-004	0.0122		45.5508	45.5508	1.3400e-003		45.5844
Total	**0.1246**	**3.4692**	**0.9718**	**0.0105**	**7.7679**	**0.0110**	**7.7789**	**1.9140**	**0.0105**	**1.9245**		**1,136.5260**	**1,136.5260**	**0.0754**		**1,138.4105**

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					0.3074	0.0000	0.3074	0.1629	0.0000	0.1629			0.0000			0.0000
Off-Road	0.3239	5.9723	10.7813	0.0169		0.0262	0.0262		0.0262	0.0262	0.0000	1,630.9807	1,630.9807	0.4095		1,641.2193
Total	**0.3239**	**5.9723**	**10.7813**	**0.0169**	**0.3074**	**0.0262**	**0.3336**	**0.1629**	**0.0262**	**0.1891**	**0.0000**	**1,630.9807**	**1,630.9807**	**0.4095**		**1,641.2193**

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	0.1075	3.4574	0.8107	0.0101	7.7232	0.0106	7.7338	1.9022	0.0102	1.9123		1,090.9752	1,090.9752	0.0740		1,092.8261
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	0.0172	0.0118	0.1611	4.6000e-004	0.0447	3.6000e-004	0.0451	0.0119	3.3000e-004	0.0122		45.5508	45.5508	1.3400e-003		45.5844
Total	**0.1246**	**3.4692**	**0.9718**	**0.0105**	**7.7679**	**0.0110**	**7.7789**	**1.9140**	**0.0105**	**1.9245**		**1,136.5260**	**1,136.5260**	**0.0754**		**1,138.4105**

3.19 Building Construction for Music Building - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0404	15.6778	16.1049	0.0256		0.8376	0.8376		0.8018	0.8018		2,348.6835	2,348.6835	0.4696		2,360.4246
Total	**2.0404**	**15.6778**	**16.1049**	**0.0256**		**0.8376**	**0.8376**		**0.8018**	**0.8018**		**2,348.6835**	**2,348.6835**	**0.4696**		**2,360.4246**

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	0.0740	2.3813	0.5584	6.9300e-003	0.1552	7.3100e-003	0.1625	0.0426	6.9900e-003	0.0495		751.4370	751.4370	0.0510		752.7119
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	0.1715	0.1179	1.6111	4.5700e-003	0.4471	3.6100e-003	0.4507	0.1186	3.3300e-003	0.1219		455.5079	455.5079	0.0134		455.8435
Total	**0.2455**	**2.4992**	**2.1695**	**0.0115**	**0.6023**	**0.0109**	**0.6133**	**0.1611**	**0.0103**	**0.1714**		**1,206.9449**	**1,206.9449**	**0.0644**		**1,208.5554**

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	0.4903	11.8085	16.5094	0.0256		0.1676	0.1676		0.1676	0.1676	0.0000	2,348.6835	2,348.6835	0.4696		2,360.4246
Total	**0.4903**	**11.8085**	**16.5094**	**0.0256**		**0.1676**	**0.1676**		**0.1676**	**0.1676**	**0.0000**	**2,348.6835**	**2,348.6835**	**0.4696**		**2,360.4246**

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	0.0740	2.3813	0.5584	6.9300e-003	0.1552	7.3100e-003	0.1625	0.0426	6.9900e-003	0.0495		751.4370	751.4370	0.0510		752.7119
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	0.1715	0.1179	1.6111	4.5700e-003	0.4471	3.6100e-003	0.4507	0.1186	3.3300e-003	0.1219		455.5079	455.5079	0.0134		455.8435
Total	**0.2455**	**2.4992**	**2.1695**	**0.0115**	**0.6023**	**0.0109**	**0.6133**	**0.1611**	**0.0103**	**0.1714**		**1,206.9449**	**1,206.9449**	**0.0644**		**1,208.5554**

3.20 Architectural Coating for Music Building - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.0250					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	**3.2439**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**		**281.4481**	**281.4481**	**0.0193**		**281.9309**

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	0.0824	2.6520	0.6218	7.7100e-003	0.2164	8.1400e-003	0.2246	0.0581	7.7900e-003	0.0659		836.8276	836.8276	0.0568		838.2473
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	0.0857	0.0589	0.8056	2.2900e-003	0.2236	1.8100e-003	0.2254	0.0593	1.6600e-003	0.0610		227.7540	227.7540	6.7100e-003		227.9217
Total	**0.1682**	**2.7109**	**1.4274**	**0.0100**	**0.4400**	**9.9500e-003**	**0.4499**	**0.1174**	**9.4500e-003**	**0.1268**		**1,064.5815**	**1,064.5815**	**0.0635**		**1,066.1691**

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	3.0250					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0545	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0193		281.9309
Total	**3.0795**	**1.0598**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0193**		**281.9309**

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	0.0824	2.6520	0.6218	7.7100e-003	0.2164	8.1400e-003	0.2246	0.0581	7.7900e-003	0.0659		836.8276	836.8276	0.0568		838.2473
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	0.0857	0.0589	0.8056	2.2900e-003	0.2236	1.8100e-003	0.2254	0.0593	1.6600e-003	0.0610		227.7540	227.7540	6.7100e-003		227.9217
Total	**0.1682**	**2.7109**	**1.4274**	**0.0100**	**0.4400**	**9.9500e-003**	**0.4499**	**0.1174**	**9.4500e-003**	**0.1268**		**1,064.5815**	**1,064.5815**	**0.0635**		**1,066.1691**

3.20 Architectural Coating for Music Building - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.0250					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	**3.2295**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**		**281.4481**	**281.4481**	**0.0183**		**281.9062**

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	0.0785	2.4636	0.6155	7.6100e-003	0.5650	7.0700e-003	0.5721	0.1436	6.7700e-003	0.1504		826.9300	826.9300	0.0559		828.3285
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	0.0803	0.0532	0.7432	2.2100e-003	0.2236	1.7500e-003	0.2253	0.0593	1.6100e-003	0.0609		219.7425	219.7425	6.0600e-003		219.8941
Total	**0.1588**	**2.5168**	**1.3587**	**9.8200e-003**	**0.7886**	**8.8200e-003**	**0.7974**	**0.2029**	**8.3800e-003**	**0.2113**		**1,046.6725**	**1,046.6725**	**0.0620**		**1,048.2226**

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	3.0250					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0545	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0183		281.9062
Total	**3.0795**	**1.0598**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0183**		**281.9062**

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	0.0785	2.4636	0.6155	7.6100e-003	0.5650	7.0700e-003	0.5721	0.1436	6.7700e-003	0.1504		826.9300	826.9300	0.0559		828.3285
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	0.0803	0.0532	0.7432	2.2100e-003	0.2236	1.7500e-003	0.2253	0.0593	1.6100e-003	0.0609		219.7425	219.7425	6.0600e-003		219.8941
Total	**0.1588**	**2.5168**	**1.3587**	**9.8200e-003**	**0.7886**	**8.8200e-003**	**0.7974**	**0.2029**	**8.3800e-003**	**0.2113**		**1,046.6725**	**1,046.6725**	**0.0620**		**1,048.2226**

CalEEMod Version: CalEEMod.2016.3.2

Date: 1/26/2018 8:08 AM

Santa Monica Malibu USD JAMS

Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Junior High School	8.72	1000sqft	0.00	8,716.00	0
Arena	20.00	1000sqft	1.07	20,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2023
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Land Use - Acreage represents total site.

Off-road Equipment - Applicant provided information

Vehicle Trips - Construction Emissions Only

Construction Off-road Equipment Mitigation - mitigation

Trips and VMT - Transpo 2018

Energy Use - Construction Emissions Only

Water And Wastewater - Construction Emissions Only

Solid Waste - Construction Emissions Only

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2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2018	0.0453	0.6030	0.3300	1.1300e-003	0.0249	0.0217	0.0465	5.9400e-003	0.0207	0.0266	0.0000	106.5036	106.5036	0.0117	0.0000	106.7960
2019	0.4259	4.5302	2.7060	7.7700e-003	0.3698	0.1760	0.5458	0.1690	0.1669	0.3359	0.0000	712.3727	712.3727	0.1022	0.0000	714.9275
2020	0.7562	5.3681	3.3629	9.7100e-003	0.5297	0.2007	0.7305	0.2464	0.1901	0.4365	0.0000	887.2515	887.2515	0.1267	0.0000	890.4200
2021	0.3392	1.9665	1.9033	4.0900e-003	0.1005	0.0877	0.1882	0.0278	0.0840	0.1118	0.0000	358.7283	358.7283	0.0509	0.0000	359.9998
2022	0.0373	0.0441	0.0346	1.4000e-004	8.5000e-003	1.0000e-003	9.4900e-003	2.1900e-003	9.9000e-004	3.1800e-003	0.0000	13.0991	13.0991	8.1000e-004	0.0000	13.1193
Maximum	**0.7562**	**5.3681**	**3.3629**	**9.7100e-003**	**0.5297**	**0.2007**	**0.7305**	**0.2464**	**0.1901**	**0.4365**	**0.0000**	**887.2515**	**887.2515**	**0.1267**	**0.0000**	**890.4200**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2018	0.0180	0.4418	0.3354	1.1300e-003	0.0206	1.6900e-003	0.0223	5.2900e-003	1.6400e-003	6.9300e-003	0.0000	106.5036	106.5036	0.0117	0.0000	106.7960
2019	0.1289	3.0406	2.8057	7.7700e-003	0.2171	0.0246	0.2417	0.0856	0.0243	0.1099	0.0000	712.3723	712.3723	0.1022	0.0000	714.9271
2020	0.4267	3.5939	3.5763	9.7100e-003	0.2985	0.0257	0.3242	0.1210	0.0254	0.1464	0.0000	887.2510	887.2510	0.1267	0.0000	890.4195
2021	0.1802	1.5566	1.9465	4.0900e-003	0.0959	0.0180	0.1139	0.0257	0.0180	0.0437	0.0000	358.7281	358.7281	0.0509	0.0000	359.9995
2022	0.0356	0.0403	0.0348	1.4000e-004	8.5000e-003	1.4000e-004	8.6400e-003	2.1900e-003	1.4000e-004	2.3200e-003	0.0000	13.0991	13.0991	8.1000e-004	0.0000	13.1193
Maximum	**0.4267**	**3.5939**	**3.5763**	**9.7100e-003**	**0.2985**	**0.0257**	**0.3242**	**0.1210**	**0.0254**	**0.1464**	**0.0000**	**887.2510**	**887.2510**	**0.1267**	**0.0000**	**890.4195**

	ROG	**NOx**	**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	**50.78**	**30.68**	**-4.34**	**0.00**	**38.01**	**85.61**	**53.26**	**46.87**	**84.99**	**66.16**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	6-1-2018	8-31-2018	0.6358	0.4481
2	9-1-2018	11-30-2018	0.0069	0.0049
5	6-1-2019	8-31-2019	2.7723	1.7520
6	9-1-2019	11-30-2019	2.5503	1.6235
7	12-1-2019	2-29-2020	0.8952	0.6073
8	3-1-2020	5-31-2020	2.0798	1.3624
9	6-1-2020	8-31-2020	1.4606	1.1343
10	9-1-2020	11-30-2020	1.2563	0.7431
11	12-1-2020	2-28-2021	1.2946	0.7584
12	3-1-2021	5-31-2021	0.6730	0.4950
13	6-1-2021	8-31-2021	0.6724	0.4943
14	9-1-2021	11-30-2021	0.3943	0.3206
15	12-1-2021	2-28-2022	0.1693	0.1567
		Highest	2.7723	1.7520

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition for New Auditorium	Demolition	6/1/2018	9/1/2018	5	66	
2	Remodel of Building J	Building Construction	6/1/2019	9/1/2019	5	65	
3	Site Preparation for New Auditorium	Site Preparation	8/1/2019	10/1/2019	5	44	
4	Trenching for New Auditorium	Site Preparation	8/1/2019	10/1/2019	5	44	
5	Grading for New Auditorium	Grading	8/1/2019	10/1/2019	5	44	
6	Remodel of Building J Architectural Coating	Building Construction	9/1/2019	12/13/2019	5	75	
7	Building Construction for New Auditorium	Building Construction	10/1/2019	6/1/2020	5	175	
8	Site Preparation for Rehearsal Rooms	Site Preparation	5/1/2020	6/1/2020	5	22	
9	Trenching for Rehearsal Rooms	Site Preparation	5/1/2020	6/1/2020	5	22	
10	Grading for Rehearsal Rooms	Grading	5/1/2020	6/1/2020	5	22	
11	Building Construction for Rehearsal Rooms	Building Construction	5/1/2020	9/1/2020	5	88	
12	Architectural Coating for New Auditorium	Architectural Coating	6/1/2020	12/1/2020	5	132	
13	Demolition for Music Building	Demolition	8/1/2020	11/1/2020	5	65	
14	Architectural Coating for Rehearsal Rooms	Architectural Coating	8/1/2020	9/1/2020	5	22	
15	Site Preparation for Music Building	Site Preparation	11/1/2020	1/1/2021	5	45	
16	Trenching for Music Building	Site Preparation	11/1/2020	1/1/2021	5	45	
17	Grading for Music Building	Grading	11/1/2020	1/1/2021	5	45	
18	Building Construction for Music Building	Building Construction	1/1/2021	10/1/2021	5	196	
19	Architectural Coating for Music Building	Architectural Coating	10/1/2021	2/1/2022	5	88	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 43,074; Non-Residential Outdoor: 14,358; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Demolition for New Auditorium	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition for New Auditorium	Rubber Tired Dozers	1	1.00	247	0.40
Demolition for New Auditorium	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Remodel of Building J	Cranes	1	4.00	231	0.29
Remodel of Building J	Forklifts	2	6.00	89	0.20
Remodel of Building J	Generator Sets	1	8.00	84	0.74
Remodel of Building J	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Remodel of Building J	Welders	3	8.00	46	0.45
Site Preparation for New Auditorium	Graders	1	8.00	187	0.41
Site Preparation for New Auditorium	Rubber Tired Dozers	1	7.00	247	0.40
Site Preparation for New Auditorium	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Trenching for New Auditorium	Graders	1	8.00	187	0.41
Trenching for New Auditorium	Rubber Tired Dozers	1	7.00	247	0.40
Trenching for New Auditorium	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading for New Auditorium	Concrete/Industrial Saws	1	8.00	81	0.73
Grading for New Auditorium	Graders	1	6.00	187	0.41
Grading for New Auditorium	Rubber Tired Dozers	1	1.00	247	0.40
Grading for New Auditorium	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Remodel of Building J Architectural Coating	Cranes	1	4.00	231	0.29
Remodel of Building J Architectural Coating	Forklifts	2	6.00	89	0.20
Remodel of Building J Architectural Coating	Generator Sets	1	8.00	84	0.74
Remodel of Building J Architectural Coating	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Remodel of Building J Architectural Coating	Welders	3	8.00	46	0.45
Building Construction for New Auditorium	Cranes	1	4.00	231	0.29
Building Construction for New Auditorium	Forklifts	2	6.00	89	0.20
Building Construction for New Auditorium	Generator Sets	1	8.00	84	0.74
Building Construction for New Auditorium	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction for New Auditorium	Welders	3	8.00	46	0.45
Site Preparation for Rehearsal Rooms	Graders	1	8.00	187	0.41
Site Preparation for Rehearsal Rooms	Rubber Tired Dozers	1	7.00	247	0.40
Site Preparation for Rehearsal Rooms	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Trenching for Rehearsal Rooms	Graders	1	8.00	187	0.41
Trenching for Rehearsal Rooms	Rubber Tired Dozers	1	7.00	247	0.40
Trenching for Rehearsal Rooms	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading for Rehearsal Rooms	Concrete/Industrial Saws	1	8.00	81	0.73
Grading for Rehearsal Rooms	Graders	1	6.00	187	0.41
Grading for Rehearsal Rooms	Rubber Tired Dozers	1	1.00	247	0.40
Grading for Rehearsal Rooms	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Building Construction for Rehearsal Rooms	Cranes	1	4.00	231	0.29
Building Construction for Rehearsal Rooms	Forklifts	2	6.00	89	0.20

Building Construction for Rehearsal Rooms	Generator Sets	1	8.00	84	0.74
Building Construction for Rehearsal Rooms	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction for Rehearsal Rooms	Welders	3	8.00	46	0.45
Architectural Coating for New Auditorium	Air Compressors	1	6.00	78	0.48
Demolition for Music Building	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition for Music Building	Rubber Tired Dozers	1	1.00	247	0.40
Demolition for Music Building	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Architectural Coating for Rehearsal Rooms	Air Compressors	1	6.00	78	0.48
Site Preparation for Music Building	Graders	1	8.00	187	0.41
Site Preparation for Music Building	Rubber Tired Dozers	1	7.00	247	0.40
Site Preparation for Music Building	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Trenching for Music Building	Graders	1	8.00	187	0.41
Trenching for Music Building	Rubber Tired Dozers	1	7.00	247	0.40
Trenching for Music Building	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading for Music Building	Concrete/Industrial Saws	1	6.00	81	0.73
Grading for Music Building	Graders	1	6.00	187	0.41
Grading for Music Building	Rubber Tired Dozers	1	1.00	247	0.40
Grading for Music Building	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction for Music Building	Cranes	1	4.00	231	0.29
Building Construction for Music Building	Forklifts	2	6.00	89	0.20
Building Construction for Music Building	Generator Sets	1	8.00	84	0.74
Building Construction for Music Building	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction for Music Building	Welders	3	8.00	46	0.45
Architectural Coating for Music Building	Air Compressors	1	6.00	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
Demolition for New Auditorium	4	8.00	0.00	1,740.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Remodel of Building J	9	12.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation for New Auditorium	3	8.00	0.00	2,900.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Trenching for New Auditorium	3	8.00	0.00	2,900.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading for New Auditorium	5	8.00	0.00	1,450.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Remodel of Building J Architectural Coating	9	8.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction for New Auditorium	9	50.00	0.00	2,175.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation for Rehearsal Rooms	3	20.00	0.00	1,160.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Trenching for Rehearsal Rooms	3	4.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading for Rehearsal Rooms	5	4.00	0.00	1,450.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction for Rehearsal Rooms	9	4.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating for New Auditorium	1	12.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition for Music Building	4	4.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating for Rehearsal Rooms	1	8.00	0.00	1,740.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation for Music Building	3	4.00	0.00	870.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Trenching for Music Building	3	4.00	0.00	1,740.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading for Music Building	5	4.00	0.00	580.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction for Music Building	9	40.00	0.00	1,740.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating for Music Building	1	20.00	0.00	870.00	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

3.2 Demolition for New Auditorium - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					7.0400e-003	0.0000	7.0400e-003	1.0700e-003	0.0000	1.0700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0351	0.3112	0.2566	4.0000e-004		0.0206	0.0206		0.0196	0.0196	0.0000	35.0070	35.0070	6.7500e-003	0.0000	35.1757
Total	**0.0351**	**0.3112**	**0.2566**	**4.0000e-004**	**7.0400e-003**	**0.0206**	**0.0276**	**1.0700e-003**	**0.0196**	**0.0207**	**0.0000**	**35.0070**	**35.0070**	**6.7500e-003**	**0.0000**	**35.1757**

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	8.7300e-003	0.2906	0.0599	7.0000e-004	0.0150	1.0800e-003	0.0160	4.1100e-003	1.0300e-003	5.1400e-003	0.0000	68.6223	68.6223	4.8400e-003	0.0000	68.7433
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4600e-003	1.2500e-003	0.0135	3.0000e-005	2.8900e-003	3.0000e-005	2.9200e-003	7.7000e-004	2.0000e-005	7.9000e-004	0.0000	2.8744	2.8744	1.1000e-004	0.0000	2.8771
Total	**0.0102**	**0.2918**	**0.0734**	**7.3000e-004**	**0.0178**	**1.1100e-003**	**0.0190**	**4.8800e-003**	**1.0500e-003**	**5.9300e-003**	**0.0000**	**71.4967**	**71.4967**	**4.9500e-003**	**0.0000**	**71.6204**

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					2.7400e-003	0.0000	2.7400e-003	4.2000e-004	0.0000	4.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.8100e-003	0.1500	0.2620	4.0000e-004		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004	0.0000	35.0069	35.0069	6.7500e-003	0.0000	35.1756
Total	**7.8100e-003**	**0.1500**	**0.2620**	**4.0000e-004**	**2.7400e-003**	**5.8000e-004**	**3.3200e-003**	**4.2000e-004**	**5.8000e-004**	**1.0000e-003**	**0.0000**	**35.0069**	**35.0069**	**6.7500e-003**	**0.0000**	**35.1756**

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	8.7300e-003	0.2906	0.0599	7.0000e-004	0.0150	1.0800e-003	0.0160	4.1100e-003	1.0300e-003	5.1400e-003	0.0000	68.6223	68.6223	4.8400e-003	0.0000	68.7433
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4600e-003	1.2500e-003	0.0135	3.0000e-005	2.8900e-003	3.0000e-005	2.9200e-003	7.7000e-004	2.0000e-005	7.9000e-004	0.0000	2.8744	2.8744	1.1000e-004	0.0000	2.8771
Total	**0.0102**	**0.2918**	**0.0734**	**7.3000e-004**	**0.0178**	**1.1100e-003**	**0.0190**	**4.8800e-003**	**1.0500e-003**	**5.9300e-003**	**0.0000**	**71.4967**	**71.4967**	**4.9500e-003**	**0.0000**	**71.6204**

3.3 Remodel of Building J - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0831	0.6003	0.5424	8.3000e-004		0.0367	0.0367		0.0352	0.0352	0.0000	69.9684	69.9684	0.0148	0.0000	70.3372
Total	**0.0831**	**0.6003**	**0.5424**	**8.3000e-004**		**0.0367**	**0.0367**		**0.0352**	**0.0352**	**0.0000**	**69.9684**	**69.9684**	**0.0148**	**0.0000**	**70.3372**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.7500e-003	0.0918	0.0195	2.3000e-004	4.9800e-003	3.3000e-004	5.3100e-003	1.3700e-003	3.1000e-004	1.6800e-003	0.0000	22.5819	22.5819	1.5900e-003	0.0000	22.6217
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9500e-003	1.6300e-003	0.0177	5.0000e-005	4.2700e-003	4.0000e-005	4.3100e-003	1.1400e-003	3.0000e-005	1.1700e-003	0.0000	4.1081	4.1081	1.4000e-004	0.0000	4.1116
Total	**4.7000e-003**	**0.0934**	**0.0372**	**2.8000e-004**	**9.2500e-003**	**3.7000e-004**	**9.6200e-003**	**2.5100e-003**	**3.4000e-004**	**2.8500e-003**	**0.0000**	**26.6900**	**26.6900**	**1.7300e-003**	**0.0000**	**26.7333**

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	0.0159	0.3838	0.5366	8.3000e-004		5.4500e-003	5.4500e-003		5.4500e-003	5.4500e-003	0.0000	69.9683	69.9683	0.0148	0.0000	70.3371
Total	**0.0159**	**0.3838**	**0.5366**	**8.3000e-004**		**5.4500e-003**	**5.4500e-003**		**5.4500e-003**	**5.4500e-003**	**0.0000**	**69.9683**	**69.9683**	**0.0148**	**0.0000**	**70.3371**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.7500e-003	0.0918	0.0195	2.3000e-004	4.9800e-003	3.3000e-004	5.3100e-003	1.3700e-003	3.1000e-004	1.6800e-003	0.0000	22.5819	22.5819	1.5900e-003	0.0000	22.6217
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9500e-003	1.6300e-003	0.0177	5.0000e-005	4.2700e-003	4.0000e-005	4.3100e-003	1.1400e-003	3.0000e-005	1.1700e-003	0.0000	4.1081	4.1081	1.4000e-004	0.0000	4.1116
Total	**4.7000e-003**	**0.0934**	**0.0372**	**2.8000e-004**	**9.2500e-003**	**3.7000e-004**	**9.6200e-003**	**2.5100e-003**	**3.4000e-004**	**2.8500e-003**	**0.0000**	**26.6900**	**26.6900**	**1.7300e-003**	**0.0000**	**26.7333**

3.4 Site Preparation for New Auditorium - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1165	0.0000	0.1165	0.0638	0.0000	0.0638	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0377	0.4286	0.1736	3.8000e-004		0.0194	0.0194		0.0179	0.0179	0.0000	34.0269	34.0269	0.0108	0.0000	34.2960
Total	**0.0377**	**0.4286**	**0.1736**	**3.8000e-004**	**0.1165**	**0.0194**	**0.1359**	**0.0638**	**0.0179**	**0.0816**	**0.0000**	**34.0269**	**34.0269**	**0.0108**	**0.0000**	**34.2960**

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	0.0138	0.4589	0.0975	1.1500e-003	0.0249	1.6400e-003	0.0266	6.8400e-003	1.5700e-003	8.4100e-003	0.0000	112.9094	112.9094	7.9600e-003	0.0000	113.1084
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	8.8000e-004	7.3000e-004	7.9900e-003	2.0000e-005	1.9300e-003	2.0000e-005	1.9500e-003	5.1000e-004	2.0000e-005	5.3000e-004	0.0000	1.8539	1.8539	6.0000e-005	0.0000	1.8555
Total	**0.0147**	**0.4596**	**0.1055**	**1.1700e-003**	**0.0269**	**1.6600e-003**	**0.0285**	**7.3500e-003**	**1.5900e-003**	**8.9400e-003**	**0.0000**	**114.7633**	**114.7633**	**8.0200e-003**	**0.0000**	**114.9639**

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					0.0454	0.0000	0.0454	0.0249	0.0000	0.0249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.6000e-003	0.1115	0.2161	3.8000e-004		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004	0.0000	34.0268	34.0268	0.0108	0.0000	34.2960
Total	**6.6000e-003**	**0.1115**	**0.2161**	**3.8000e-004**	**0.0454**	**6.2000e-004**	**0.0460**	**0.0249**	**6.2000e-004**	**0.0255**	**0.0000**	**34.0268**	**34.0268**	**0.0108**	**0.0000**	**34.2960**

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	0.0138	0.4589	0.0975	1.1500e-003	0.0249	1.6400e-003	0.0266	6.8400e-003	1.5700e-003	8.4100e-003	0.0000	112.9094	112.9094	7.9600e-003	0.0000	113.1084
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	8.8000e-004	7.3000e-004	7.9900e-003	2.0000e-005	1.9300e-003	2.0000e-005	1.9500e-003	5.1000e-004	2.0000e-005	5.3000e-004	0.0000	1.8539	1.8539	6.0000e-005	0.0000	1.8555
Total	**0.0147**	**0.4596**	**0.1055**	**1.1700e-003**	**0.0269**	**1.6600e-003**	**0.0285**	**7.3500e-003**	**1.5900e-003**	**8.9400e-003**	**0.0000**	**114.7633**	**114.7633**	**8.0200e-003**	**0.0000**	**114.9639**

3.5 Trenching for New Auditorium - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1165	0.0000	0.1165	0.0638	0.0000	0.0638	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0377	0.4286	0.1736	3.8000e-004		0.0194	0.0194		0.0179	0.0179	0.0000	34.0269	34.0269	0.0108	0.0000	34.2960
Total	**0.0377**	**0.4286**	**0.1736**	**3.8000e-004**	**0.1165**	**0.0194**	**0.1359**	**0.0638**	**0.0179**	**0.0816**	**0.0000**	**34.0269**	**34.0269**	**0.0108**	**0.0000**	**34.2960**

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	0.0138	0.4589	0.0975	1.1500e-003	0.0249	1.6400e-003	0.0266	6.8400e-003	1.5700e-003	8.4100e-003	0.0000	112.9094	112.9094	7.9600e-003	0.0000	113.1084
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	8.8000e-004	7.3000e-004	7.9900e-003	2.0000e-005	1.9300e-003	2.0000e-005	1.9500e-003	5.1000e-004	2.0000e-005	5.3000e-004	0.0000	1.8539	1.8539	6.0000e-005	0.0000	1.8555
Total	**0.0147**	**0.4596**	**0.1055**	**1.1700e-003**	**0.0269**	**1.6600e-003**	**0.0285**	**7.3500e-003**	**1.5900e-003**	**8.9400e-003**	**0.0000**	**114.7633**	**114.7633**	**8.0200e-003**	**0.0000**	**114.9639**

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					0.0454	0.0000	0.0454	0.0249	0.0000	0.0249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.6000e-003	0.1115	0.2161	3.8000e-004		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004	0.0000	34.0268	34.0268	0.0108	0.0000	34.2960
Total	**6.6000e-003**	**0.1115**	**0.2161**	**3.8000e-004**	**0.0454**	**6.2000e-004**	**0.0460**	**0.0249**	**6.2000e-004**	**0.0255**	**0.0000**	**34.0268**	**34.0268**	**0.0108**	**0.0000**	**34.2960**

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	0.0138	0.4589	0.0975	1.1500e-003	0.0249	1.6400e-003	0.0266	6.8400e-003	1.5700e-003	8.4100e-003	0.0000	112.9094	112.9094	7.9600e-003	0.0000	113.1084
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	8.8000e-004	7.3000e-004	7.9900e-003	2.0000e-005	1.9300e-003	2.0000e-005	1.9500e-003	5.1000e-004	2.0000e-005	5.3000e-004	0.0000	1.8539	1.8539	6.0000e-005	0.0000	1.8555
Total	**0.0147**	**0.4596**	**0.1055**	**1.1700e-003**	**0.0269**	**1.6600e-003**	**0.0285**	**7.3500e-003**	**1.5900e-003**	**8.9400e-003**	**0.0000**	**114.7633**	**114.7633**	**8.0200e-003**	**0.0000**	**114.9639**

3.6 Grading for New Auditorium - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0174	0.0000	0.0174	9.1900e-003	0.0000	9.1900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0290	0.2979	0.1996	3.7000e-004		0.0153	0.0153		0.0145	0.0145	0.0000	32.9882	32.9882	7.5300e-003	0.0000	33.1764
Total	**0.0290**	**0.2979**	**0.1996**	**3.7000e-004**	**0.0174**	**0.0153**	**0.0327**	**9.1900e-003**	**0.0145**	**0.0237**	**0.0000**	**32.9882**	**32.9882**	**7.5300e-003**	**0.0000**	**33.1764**

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	6.8900e-003	0.2295	0.0487	5.8000e-004	0.0125	8.2000e-004	0.0133	3.4200e-003	7.9000e-004	4.2100e-003	0.0000	56.4547	56.4547	3.9800e-003	0.0000	56.5542
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	8.8000e-004	7.3000e-004	7.9900e-003	2.0000e-005	1.9300e-003	2.0000e-005	1.9500e-003	5.1000e-004	2.0000e-005	5.3000e-004	0.0000	1.8539	1.8539	6.0000e-005	0.0000	1.8555
Total	**7.7700e-003**	**0.2302**	**0.0567**	**6.0000e-004**	**0.0144**	**8.4000e-004**	**0.0152**	**3.9300e-003**	**8.1000e-004**	**4.7400e-003**	**0.0000**	**58.3086**	**58.3086**	**4.0400e-003**	**0.0000**	**58.4097**

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					6.7700e-003	0.0000	6.7700e-003	3.5800e-003	0.0000	3.5800e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.9900e-003	0.1288	0.2327	3.7000e-004		5.7000e-004	5.7000e-004		5.7000e-004	5.7000e-004	0.0000	32.9882	32.9882	7.5300e-003	0.0000	33.1764
Total	**6.9900e-003**	**0.1288**	**0.2327**	**3.7000e-004**	**6.7700e-003**	**5.7000e-004**	**7.3400e-003**	**3.5800e-003**	**5.7000e-004**	**4.1500e-003**	**0.0000**	**32.9882**	**32.9882**	**7.5300e-003**	**0.0000**	**33.1764**

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	6.8900e-003	0.2295	0.0487	5.8000e-004	0.0125	8.2000e-004	0.0133	3.4200e-003	7.9000e-004	4.2100e-003	0.0000	56.4547	56.4547	3.9800e-003	0.0000	56.5542
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	8.8000e-004	7.3000e-004	7.9900e-003	2.0000e-005	1.9300e-003	2.0000e-005	1.9500e-003	5.1000e-004	2.0000e-005	5.3000e-004	0.0000	1.8539	1.8539	6.0000e-005	0.0000	1.8555
Total	**7.7700e-003**	**0.2302**	**0.0567**	**6.0000e-004**	**0.0144**	**8.4000e-004**	**0.0152**	**3.9300e-003**	**8.1000e-004**	**4.7400e-003**	**0.0000**	**58.3086**	**58.3086**	**4.0400e-003**	**0.0000**	**58.4097**

3.7 Remodel of Building J Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0959	0.6927	0.6258	9.6000e-004		0.0424	0.0424		0.0406	0.0406	0.0000	80.7328	80.7328	0.0170	0.0000	81.1583
Total	**0.0959**	**0.6927**	**0.6258**	**9.6000e-004**		**0.0424**	**0.0424**		**0.0406**	**0.0406**	**0.0000**	**80.7328**	**80.7328**	**0.0170**	**0.0000**	**81.1583**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.7500e-003	0.0918	0.0195	2.3000e-004	4.9800e-003	3.3000e-004	5.3100e-003	1.3700e-003	3.1000e-004	1.6800e-003	0.0000	22.5819	22.5819	1.5900e-003	0.0000	22.6217
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5000e-003	1.2500e-003	0.0136	3.0000e-005	3.2900e-003	3.0000e-005	3.3200e-003	8.7000e-004	3.0000e-005	9.0000e-004	0.0000	3.1601	3.1601	1.1000e-004	0.0000	3.1628
Total	**4.2500e-003**	**0.0930**	**0.0331**	**2.6000e-004**	**8.2700e-003**	**3.6000e-004**	**8.6300e-003**	**2.2400e-003**	**3.4000e-004**	**2.5800e-003**	**0.0000**	**25.7420**	**25.7420**	**1.7000e-003**	**0.0000**	**25.7845**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0184	0.4428	0.6191	9.6000e-004		6.2800e-003	6.2800e-003		6.2800e-003	6.2800e-003	0.0000	80.7327	80.7327	0.0170	0.0000	81.1582
Total	**0.0184**	**0.4428**	**0.6191**	**9.6000e-004**		**6.2800e-003**	**6.2800e-003**		**6.2800e-003**	**6.2800e-003**	**0.0000**	**80.7327**	**80.7327**	**0.0170**	**0.0000**	**81.1582**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.7500e-003	0.0918	0.0195	2.3000e-004	4.9800e-003	3.3000e-004	5.3100e-003	1.3700e-003	3.1000e-004	1.6800e-003	0.0000	22.5819	22.5819	1.5900e-003	0.0000	22.6217
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5000e-003	1.2500e-003	0.0136	3.0000e-005	3.2900e-003	3.0000e-005	3.3200e-003	8.7000e-004	3.0000e-005	9.0000e-004	0.0000	3.1601	3.1601	1.1000e-004	0.0000	3.1628
Total	**4.2500e-003**	**0.0930**	**0.0331**	**2.6000e-004**	**8.2700e-003**	**3.6000e-004**	**8.6300e-003**	**2.2400e-003**	**3.4000e-004**	**2.5800e-003**	**0.0000**	**25.7420**	**25.7420**	**1.7000e-003**	**0.0000**	**25.7845**

3.8 Building Construction for New Auditorium - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0844	0.6096	0.5507	8.5000e-004		0.0373	0.0373		0.0357	0.0357	0.0000	71.0448	71.0448	0.0150	0.0000	71.4193
Total	**0.0844**	**0.6096**	**0.5507**	**8.5000e-004**		**0.0373**	**0.0373**		**0.0357**	**0.0357**	**0.0000**	**71.0448**	**71.0448**	**0.0150**	**0.0000**	**71.4193**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.9000e-003	0.1298	0.0276	3.3000e-004	0.0158	4.6000e-004	0.0163	4.0800e-003	4.4000e-004	4.5300e-003	0.0000	31.9372	31.9372	2.2500e-003	0.0000	31.9935
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	8.2600e-003	6.8900e-003	0.0749	1.9000e-004	0.0181	1.6000e-004	0.0182	4.8000e-003	1.5000e-004	4.9500e-003	0.0000	17.3804	17.3804	6.0000e-004	0.0000	17.3953
Total	**0.0122**	**0.1367**	**0.1025**	**5.2000e-004**	**0.0339**	**6.2000e-004**	**0.0345**	**8.8800e-003**	**5.9000e-004**	**9.4800e-003**	**0.0000**	**49.3176**	**49.3176**	**2.8500e-003**	**0.0000**	**49.3889**

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	0.0162	0.3897	0.5448	8.5000e-004		5.5300e-003	5.5300e-003		5.5300e-003	5.5300e-003	0.0000	71.0448	71.0448	0.0150	0.0000	71.4192
Total	**0.0162**	**0.3897**	**0.5448**	**8.5000e-004**		**5.5300e-003**	**5.5300e-003**		**5.5300e-003**	**5.5300e-003**	**0.0000**	**71.0448**	**71.0448**	**0.0150**	**0.0000**	**71.4192**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.9000e-003	0.1298	0.0276	3.3000e-004	0.0158	4.6000e-004	0.0163	4.0800e-003	4.4000e-004	4.5300e-003	0.0000	31.9372	31.9372	2.2500e-003	0.0000	31.9935
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	8.2600e-003	6.8900e-003	0.0749	1.9000e-004	0.0181	1.6000e-004	0.0182	4.8000e-003	1.5000e-004	4.9500e-003	0.0000	17.3804	17.3804	6.0000e-004	0.0000	17.3953
Total	**0.0122**	**0.1367**	**0.1025**	**5.2000e-004**	**0.0339**	**6.2000e-004**	**0.0345**	**8.8800e-003**	**5.9000e-004**	**9.4800e-003**	**0.0000**	**49.3176**	**49.3176**	**2.8500e-003**	**0.0000**	**49.3889**

3.8 Building Construction for New Auditorium - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1246	0.9290	0.8935	1.4000e-003		0.0534	0.0534		0.0511	0.0511	0.0000	116.1108	116.1108	0.0239	0.0000	116.7089
Total	**0.1246**	**0.9290**	**0.8935**	**1.4000e-003**		**0.0534**	**0.0534**		**0.0511**	**0.0511**	**0.0000**	**116.1108**	**116.1108**	**0.0239**	**0.0000**	**116.7089**

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	5.9800e-003	0.2012	0.0443	5.3000e-004	0.0169	6.3000e-004	0.0176	4.5000e-003	6.0000e-004	5.1000e-003	0.0000	52.2095	52.2095	3.6400e-003	0.0000	52.3004
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	0.0126	0.0101	0.1122	3.1000e-004	0.0299	2.5000e-004	0.0301	7.9300e-003	2.3000e-004	8.1700e-003	0.0000	27.8318	27.8318	8.8000e-004	0.0000	27.8537
Total	**0.0186**	**0.2113**	**0.1565**	**8.4000e-004**	**0.0468**	**8.8000e-004**	**0.0477**	**0.0124**	**8.3000e-004**	**0.0133**	**0.0000**	**80.0413**	**80.0413**	**4.5200e-003**	**0.0000**	**80.1541**

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	0.0267	0.6436	0.8998	1.4000e-003		9.1300e-003	9.1300e-003		9.1300e-003	9.1300e-003	0.0000	116.1107	116.1107	0.0239	0.0000	116.7087
Total	**0.0267**	**0.6436**	**0.8998**	**1.4000e-003**		**9.1300e-003**	**9.1300e-003**		**9.1300e-003**	**9.1300e-003**	**0.0000**	**116.1107**	**116.1107**	**0.0239**	**0.0000**	**116.7087**

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	5.9800e-003	0.2012	0.0443	5.3000e-004	0.0169	6.3000e-004	0.0176	4.5000e-003	6.0000e-004	5.1000e-003	0.0000	52.2095	52.2095	3.6400e-003	0.0000	52.3004
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	0.0126	0.0101	0.1122	3.1000e-004	0.0299	2.5000e-004	0.0301	7.9300e-003	2.3000e-004	8.1700e-003	0.0000	27.8318	27.8318	8.8000e-004	0.0000	27.8537
Total	**0.0186**	**0.2113**	**0.1565**	**8.4000e-004**	**0.0468**	**8.8000e-004**	**0.0477**	**0.0124**	**8.3000e-004**	**0.0133**	**0.0000**	**80.0413**	**80.0413**	**4.5200e-003**	**0.0000**	**80.1541**

3.9 Site Preparation for Rehearsal Rooms - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0585	0.0000	0.0585	0.0319	0.0000	0.0319	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0179	0.2018	0.0848	1.9000e-004		9.0300e-003	9.0300e-003		8.3100e-003	8.3100e-003	0.0000	16.6392	16.6392	5.3800e-003	0.0000	16.7737
Total	**0.0179**	**0.2018**	**0.0848**	**1.9000e-004**	**0.0585**	**9.0300e-003**	**0.0675**	**0.0319**	**8.3100e-003**	**0.0402**	**0.0000**	**16.6392**	**16.6392**	**5.3800e-003**	**0.0000**	**16.7737**

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	5.1200e-003	0.1722	0.0380	4.5000e-004	9.9700e-003	5.4000e-004	0.0105	2.7400e-003	5.1000e-004	3.2500e-003	0.0000	44.7054	44.7054	3.1100e-003	0.0000	44.7832
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0200e-003	8.2000e-004	9.0600e-003	2.0000e-005	2.4100e-003	2.0000e-005	2.4300e-003	6.4000e-004	2.0000e-005	6.6000e-004	0.0000	2.2470	2.2470	7.0000e-005	0.0000	2.2487
Total	**6.1400e-003**	**0.1731**	**0.0470**	**4.7000e-004**	**0.0124**	**5.6000e-004**	**0.0129**	**3.3800e-003**	**5.3000e-004**	**3.9100e-003**	**0.0000**	**46.9523**	**46.9523**	**3.1800e-003**	**0.0000**	**47.0320**

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					0.0228	0.0000	0.0228	0.0125	0.0000	0.0125	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.3000e-003	0.0557	0.1080	1.9000e-004		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004	0.0000	16.6391	16.6391	5.3800e-003	0.0000	16.7737
Total	**3.3000e-003**	**0.0557**	**0.1080**	**1.9000e-004**	**0.0228**	**3.1000e-004**	**0.0231**	**0.0125**	**3.1000e-004**	**0.0128**	**0.0000**	**16.6391**	**16.6391**	**5.3800e-003**	**0.0000**	**16.7737**

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	5.1200e-003	0.1722	0.0380	4.5000e-004	9.9700e-003	5.4000e-004	0.0105	2.7400e-003	5.1000e-004	3.2500e-003	0.0000	44.7054	44.7054	3.1100e-003	0.0000	44.7832
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0200e-003	8.2000e-004	9.0600e-003	2.0000e-005	2.4100e-003	2.0000e-005	2.4300e-003	6.4000e-004	2.0000e-005	6.6000e-004	0.0000	2.2470	2.2470	7.0000e-005	0.0000	2.2487
Total	**6.1400e-003**	**0.1731**	**0.0470**	**4.7000e-004**	**0.0124**	**5.6000e-004**	**0.0129**	**3.3800e-003**	**5.3000e-004**	**3.9100e-003**	**0.0000**	**46.9523**	**46.9523**	**3.1800e-003**	**0.0000**	**47.0320**

3.10 Trenching for Rehearsal Rooms - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0585	0.0000	0.0585	0.0319	0.0000	0.0319	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0179	0.2018	0.0848	1.9000e-004		9.0300e-003	9.0300e-003		8.3100e-003	8.3100e-003	0.0000	16.6392	16.6392	5.3800e-003	0.0000	16.7737
Total	**0.0179**	**0.2018**	**0.0848**	**1.9000e-004**	**0.0585**	**9.0300e-003**	**0.0675**	**0.0319**	**8.3100e-003**	**0.0402**	**0.0000**	**16.6392**	**16.6392**	**5.3800e-003**	**0.0000**	**16.7737**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5600e-003	0.0861	0.0190	2.3000e-004	4.9800e-003	2.7000e-004	5.2500e-003	1.3700e-003	2.6000e-004	1.6200e-003	0.0000	22.3527	22.3527	1.5600e-003	0.0000	22.3916
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-004	1.6000e-004	1.8100e-003	0.0000	4.8000e-004	0.0000	4.9000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.4494	0.4494	1.0000e-005	0.0000	0.4498
Total	**2.7600e-003**	**0.0863**	**0.0208**	**2.3000e-004**	**5.4600e-003**	**2.7000e-004**	**5.7400e-003**	**1.5000e-003**	**2.6000e-004**	**1.7500e-003**	**0.0000**	**22.8021**	**22.8021**	**1.5700e-003**	**0.0000**	**22.8414**

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					0.0228	0.0000	0.0228	0.0125	0.0000	0.0125	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.3000e-003	0.0557	0.1080	1.9000e-004		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004	0.0000	16.6391	16.6391	5.3800e-003	0.0000	16.7737
Total	**3.3000e-003**	**0.0557**	**0.1080**	**1.9000e-004**	**0.0228**	**3.1000e-004**	**0.0231**	**0.0125**	**3.1000e-004**	**0.0128**	**0.0000**	**16.6391**	**16.6391**	**5.3800e-003**	**0.0000**	**16.7737**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5600e-003	0.0861	0.0190	2.3000e-004	4.9800e-003	2.7000e-004	5.2500e-003	1.3700e-003	2.6000e-004	1.6200e-003	0.0000	22.3527	22.3527	1.5600e-003	0.0000	22.3916
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-004	1.6000e-004	1.8100e-003	0.0000	4.8000e-004	0.0000	4.9000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.4494	0.4494	1.0000e-005	0.0000	0.4498
Total	**2.7600e-003**	**0.0863**	**0.0208**	**2.3000e-004**	**5.4600e-003**	**2.7000e-004**	**5.7400e-003**	**1.5000e-003**	**2.6000e-004**	**1.7500e-003**	**0.0000**	**22.8021**	**22.8021**	**1.5700e-003**	**0.0000**	**22.8414**

3.11 Grading for Rehearsal Rooms - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					9.0800e-003	0.0000	9.0800e-003	4.6400e-003	0.0000	4.6400e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0135	0.1388	0.0988	1.9000e-004		6.8100e-003	6.8100e-003		6.4400e-003	6.4400e-003	0.0000	16.2586	16.2586	3.7200e-003	0.0000	16.3516
Total	**0.0135**	**0.1388**	**0.0988**	**1.9000e-004**	**9.0800e-003**	**6.8100e-003**	**0.0159**	**4.6400e-003**	**6.4400e-003**	**0.0111**	**0.0000**	**16.2586**	**16.2586**	**3.7200e-003**	**0.0000**	**16.3516**

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	6.4000e-003	0.2153	0.0475	5.7000e-004	0.0125	6.7000e-004	0.0131	3.4200e-003	6.4000e-004	4.0600e-003	0.0000	55.8817	55.8817	3.8900e-003	0.0000	55.9790
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-004	1.6000e-004	1.8100e-003	0.0000	4.8000e-004	0.0000	4.9000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.4494	0.4494	1.0000e-005	0.0000	0.4498
Total	**6.6000e-003**	**0.2155**	**0.0493**	**5.7000e-004**	**0.0129**	**6.7000e-004**	**0.0136**	**3.5500e-003**	**6.4000e-004**	**4.1900e-003**	**0.0000**	**56.3311**	**56.3311**	**3.9000e-003**	**0.0000**	**56.4288**

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					3.5400e-003	0.0000	3.5400e-003	1.8100e-003	0.0000	1.8100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.4900e-003	0.0644	0.1163	1.9000e-004		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004	0.0000	16.2586	16.2586	3.7200e-003	0.0000	16.3516
Total	**3.4900e-003**	**0.0644**	**0.1163**	**1.9000e-004**	**3.5400e-003**	**2.8000e-004**	**3.8200e-003**	**1.8100e-003**	**2.8000e-004**	**2.0900e-003**	**0.0000**	**16.2586**	**16.2586**	**3.7200e-003**	**0.0000**	**16.3516**

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	6.4000e-003	0.2153	0.0475	5.7000e-004	0.0125	6.7000e-004	0.0131	3.4200e-003	6.4000e-004	4.0600e-003	0.0000	55.8817	55.8817	3.8900e-003	0.0000	55.9790
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-004	1.6000e-004	1.8100e-003	0.0000	4.8000e-004	0.0000	4.9000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.4494	0.4494	1.0000e-005	0.0000	0.4498
Total	**6.6000e-003**	**0.2155**	**0.0493**	**5.7000e-004**	**0.0129**	**6.7000e-004**	**0.0136**	**3.5500e-003**	**6.4000e-004**	**4.1900e-003**	**0.0000**	**56.3311**	**56.3311**	**3.9000e-003**	**0.0000**	**56.4288**

3.12 Building Construction for Rehearsal Rooms - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1006	0.7500	0.7213	1.1300e-003		0.0431	0.0431		0.0413	0.0413	0.0000	93.7409	93.7409	0.0193	0.0000	94.2237
Total	**0.1006**	**0.7500**	**0.7213**	**1.1300e-003**		**0.0431**	**0.0431**		**0.0413**	**0.0413**	**0.0000**	**93.7409**	**93.7409**	**0.0193**	**0.0000**	**94.2237**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5600e-003	0.0861	0.0190	2.3000e-004	4.9800e-003	2.7000e-004	5.2500e-003	1.3700e-003	2.6000e-004	1.6200e-003	0.0000	22.3527	22.3527	1.5600e-003	0.0000	22.3916
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	8.1000e-004	6.6000e-004	7.2400e-003	2.0000e-005	1.9300e-003	2.0000e-005	1.9500e-003	5.1000e-004	2.0000e-005	5.3000e-004	0.0000	1.7976	1.7976	6.0000e-005	0.0000	1.7990
Total	**3.3700e-003**	**0.0868**	**0.0262**	**2.5000e-004**	**6.9100e-003**	**2.9000e-004**	**7.2000e-003**	**1.8800e-003**	**2.8000e-004**	**2.1500e-003**	**0.0000**	**24.1503**	**24.1503**	**1.6200e-003**	**0.0000**	**24.1906**

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	0.0216	0.5196	0.7264	1.1300e-003		7.3700e-003	7.3700e-003		7.3700e-003	7.3700e-003	0.0000	93.7408	93.7408	0.0193	0.0000	94.2236
Total	**0.0216**	**0.5196**	**0.7264**	**1.1300e-003**		**7.3700e-003**	**7.3700e-003**		**7.3700e-003**	**7.3700e-003**	**0.0000**	**93.7408**	**93.7408**	**0.0193**	**0.0000**	**94.2236**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5600e-003	0.0861	0.0190	2.3000e-004	4.9800e-003	2.7000e-004	5.2500e-003	1.3700e-003	2.6000e-004	1.6200e-003	0.0000	22.3527	22.3527	1.5600e-003	0.0000	22.3916
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	8.1000e-004	6.6000e-004	7.2400e-003	2.0000e-005	1.9300e-003	2.0000e-005	1.9500e-003	5.1000e-004	2.0000e-005	5.3000e-004	0.0000	1.7976	1.7976	6.0000e-005	0.0000	1.7990
Total	**3.3700e-003**	**0.0868**	**0.0262**	**2.5000e-004**	**6.9100e-003**	**2.9000e-004**	**7.2000e-003**	**1.8800e-003**	**2.8000e-004**	**2.1500e-003**	**0.0000**	**24.1503**	**24.1503**	**1.6200e-003**	**0.0000**	**24.1906**

3.13 Architectural Coating for New Auditorium - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1331					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0160	0.1111	0.1209	2.0000e-004		7.3200e-003	7.3200e-003		7.3200e-003	7.3200e-003	0.0000	16.8515	16.8515	1.3000e-003	0.0000	16.8841
Total	**0.1491**	**0.1111**	**0.1209**	**2.0000e-004**		**7.3200e-003**	**7.3200e-003**		**7.3200e-003**	**7.3200e-003**	**0.0000**	**16.8515**	**16.8515**	**1.3000e-003**	**0.0000**	**16.8841**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5600e-003	0.0861	0.0190	2.3000e-004	4.9800e-003	2.7000e-004	5.2500e-003	1.3700e-003	2.6000e-004	1.6200e-003	0.0000	22.3527	22.3527	1.5600e-003	0.0000	22.3916
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	3.6600e-003	2.9500e-003	0.0326	9.0000e-005	8.6800e-003	7.0000e-005	8.7500e-003	2.3100e-003	7.0000e-005	2.3700e-003	0.0000	8.0891	8.0891	2.5000e-004	0.0000	8.0955
Total	**6.2200e-003**	**0.0891**	**0.0516**	**3.2000e-004**	**0.0137**	**3.4000e-004**	**0.0140**	**3.6800e-003**	**3.3000e-004**	**3.9900e-003**	**0.0000**	**30.4418**	**30.4418**	**1.8100e-003**	**0.0000**	**30.4871**

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	0.1331					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.6000e-003	0.0700	0.1209	2.0000e-004		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004	0.0000	16.8515	16.8515	1.3000e-003	0.0000	16.8841
Total	**0.1367**	**0.0700**	**0.1209**	**2.0000e-004**		**2.6000e-004**	**2.6000e-004**		**2.6000e-004**	**2.6000e-004**	**0.0000**	**16.8515**	**16.8515**	**1.3000e-003**	**0.0000**	**16.8841**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5600e-003	0.0861	0.0190	2.3000e-004	4.9800e-003	2.7000e-004	5.2500e-003	1.3700e-003	2.6000e-004	1.6200e-003	0.0000	22.3527	22.3527	1.5600e-003	0.0000	22.3916
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	3.6600e-003	2.9500e-003	0.0326	9.0000e-005	8.6800e-003	7.0000e-005	8.7500e-003	2.3100e-003	7.0000e-005	2.3700e-003	0.0000	8.0891	8.0891	2.5000e-004	0.0000	8.0955
Total	**6.2200e-003**	**0.0891**	**0.0516**	**3.2000e-004**	**0.0137**	**3.4000e-004**	**0.0140**	**3.6800e-003**	**3.3000e-004**	**3.9900e-003**	**0.0000**	**30.4418**	**30.4418**	**1.8100e-003**	**0.0000**	**30.4871**

3.14 Demolition for Music Building - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.7600e-003	0.0000	2.7600e-003	4.2000e-004	0.0000	4.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0282	0.2559	0.2477	3.9000e-004		0.0152	0.0152		0.0145	0.0145	0.0000	33.8245	33.8245	6.4000e-003	0.0000	33.9844
Total	**0.0282**	**0.2559**	**0.2477**	**3.9000e-004**	**2.7600e-003**	**0.0152**	**0.0179**	**4.2000e-004**	**0.0145**	**0.0149**	**0.0000**	**33.8245**	**33.8245**	**6.4000e-003**	**0.0000**	**33.9844**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5600e-003	0.0861	0.0190	2.3000e-004	4.9800e-003	2.7000e-004	5.2500e-003	1.3700e-003	2.6000e-004	1.6200e-003	0.0000	22.3527	22.3527	1.5600e-003	0.0000	22.3916
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	6.0000e-004	4.8000e-004	5.3500e-003	1.0000e-005	1.4200e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.3278	1.3278	4.0000e-005	0.0000	1.3288
Total	**3.1600e-003**	**0.0866**	**0.0243**	**2.4000e-004**	**6.4000e-003**	**2.8000e-004**	**6.6900e-003**	**1.7500e-003**	**2.7000e-004**	**2.0100e-003**	**0.0000**	**23.6804**	**23.6804**	**1.6000e-003**	**0.0000**	**23.7204**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.0700e-003	0.0000	1.0700e-003	1.6000e-004	0.0000	1.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.6900e-003	0.1477	0.2580	3.9000e-004		5.7000e-004	5.7000e-004		5.7000e-004	5.7000e-004	0.0000	33.8245	33.8245	6.4000e-003	0.0000	33.9844
Total	**7.6900e-003**	**0.1477**	**0.2580**	**3.9000e-004**	**1.0700e-003**	**5.7000e-004**	**1.6400e-003**	**1.6000e-004**	**5.7000e-004**	**7.3000e-004**	**0.0000**	**33.8245**	**33.8245**	**6.4000e-003**	**0.0000**	**33.9844**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5600e-003	0.0861	0.0190	2.3000e-004	4.9800e-003	2.7000e-004	5.2500e-003	1.3700e-003	2.6000e-004	1.6200e-003	0.0000	22.3527	22.3527	1.5600e-003	0.0000	22.3916
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	6.0000e-004	4.8000e-004	5.3500e-003	1.0000e-005	1.4200e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.3278	1.3278	4.0000e-005	0.0000	1.3288
Total	**3.1600e-003**	**0.0866**	**0.0243**	**2.4000e-004**	**6.4000e-003**	**2.8000e-004**	**6.6900e-003**	**1.7500e-003**	**2.7000e-004**	**2.0100e-003**	**0.0000**	**23.6804**	**23.6804**	**1.6000e-003**	**0.0000**	**23.7204**

3.15 Architectural Coating for Rehearsal Rooms - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1331					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.6600e-003	0.0185	0.0202	3.0000e-005		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003	0.0000	2.8086	2.8086	2.2000e-004	0.0000	2.8140
Total	**0.1358**	**0.0185**	**0.0202**	**3.0000e-005**		**1.2200e-003**	**1.2200e-003**		**1.2200e-003**	**1.2200e-003**	**0.0000**	**2.8086**	**2.8086**	**2.2000e-004**	**0.0000**	**2.8140**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.6800e-003	0.2584	0.0570	6.8000e-004	0.0150	8.0000e-004	0.0158	4.1100e-003	7.7000e-004	4.8700e-003	0.0000	67.0581	67.0581	4.6700e-003	0.0000	67.1748
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.1000e-004	3.3000e-004	3.6200e-003	1.0000e-005	9.6000e-004	1.0000e-005	9.7000e-004	2.6000e-004	1.0000e-005	2.6000e-004	0.0000	0.8988	0.8988	3.0000e-005	0.0000	0.8995
Total	**8.0900e-003**	**0.2587**	**0.0606**	**6.9000e-004**	**0.0159**	**8.1000e-004**	**0.0167**	**4.3700e-003**	**7.8000e-004**	**5.1300e-003**	**0.0000**	**67.9568**	**67.9568**	**4.7000e-003**	**0.0000**	**68.0743**

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	0.1331					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-004	0.0117	0.0202	3.0000e-005		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	2.8086	2.8086	2.2000e-004	0.0000	2.8140
Total	**0.1337**	**0.0117**	**0.0202**	**3.0000e-005**		**4.0000e-005**	**4.0000e-005**		**4.0000e-005**	**4.0000e-005**	**0.0000**	**2.8086**	**2.8086**	**2.2000e-004**	**0.0000**	**2.8140**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.6800e-003	0.2584	0.0570	6.8000e-004	0.0150	8.0000e-004	0.0158	4.1100e-003	7.7000e-004	4.8700e-003	0.0000	67.0581	67.0581	4.6700e-003	0.0000	67.1748
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.1000e-004	3.3000e-004	3.6200e-003	1.0000e-005	9.6000e-004	1.0000e-005	9.7000e-004	2.6000e-004	1.0000e-005	2.6000e-004	0.0000	0.8988	0.8988	3.0000e-005	0.0000	0.8995
Total	**8.0900e-003**	**0.2587**	**0.0606**	**6.9000e-004**	**0.0159**	**8.1000e-004**	**0.0167**	**4.3700e-003**	**7.8000e-004**	**5.1300e-003**	**0.0000**	**67.9568**	**67.9568**	**4.7000e-003**	**0.0000**	**68.0743**

3.16 Site Preparation for Music Building - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1165	0.0000	0.1165	0.0638	0.0000	0.0638	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0359	0.4036	0.1696	3.8000e-004		0.0181	0.0181		0.0166	0.0166	0.0000	33.2783	33.2783	0.0108	0.0000	33.5474
Total	**0.0359**	**0.4036**	**0.1696**	**3.8000e-004**	**0.1165**	**0.0181**	**0.1345**	**0.0638**	**0.0166**	**0.0804**	**0.0000**	**33.2783**	**33.2783**	**0.0108**	**0.0000**	**33.5474**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.7500e-003	0.1263	0.0278	3.3000e-004	7.4300e-003	3.9000e-004	7.8300e-003	2.0400e-003	3.8000e-004	2.4100e-003	0.0000	32.7839	32.7839	2.2800e-003	0.0000	32.8410
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.1000e-004	3.3000e-004	3.6200e-003	1.0000e-005	9.6000e-004	1.0000e-005	9.7000e-004	2.6000e-004	1.0000e-005	2.6000e-004	0.0000	0.8988	0.8988	3.0000e-005	0.0000	0.8995
Total	**4.1600e-003**	**0.1266**	**0.0315**	**3.4000e-004**	**8.3900e-003**	**4.0000e-004**	**8.8000e-003**	**2.3000e-003**	**3.9000e-004**	**2.6700e-003**	**0.0000**	**33.6827**	**33.6827**	**2.3100e-003**	**0.0000**	**33.7405**

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					0.0454	0.0000	0.0454	0.0249	0.0000	0.0249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.6000e-003	0.1115	0.2161	3.8000e-004		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004	0.0000	33.2783	33.2783	0.0108	0.0000	33.5474
Total	**6.6000e-003**	**0.1115**	**0.2161**	**3.8000e-004**	**0.0454**	**6.2000e-004**	**0.0460**	**0.0249**	**6.2000e-004**	**0.0255**	**0.0000**	**33.2783**	**33.2783**	**0.0108**	**0.0000**	**33.5474**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.7500e-003	0.1263	0.0278	3.3000e-004	7.4300e-003	3.9000e-004	7.8300e-003	2.0400e-003	3.8000e-004	2.4100e-003	0.0000	32.7839	32.7839	2.2800e-003	0.0000	32.8410
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.1000e-004	3.3000e-004	3.6200e-003	1.0000e-005	9.6000e-004	1.0000e-005	9.7000e-004	2.6000e-004	1.0000e-005	2.6000e-004	0.0000	0.8988	0.8988	3.0000e-005	0.0000	0.8995
Total	**4.1600e-003**	**0.1266**	**0.0315**	**3.4000e-004**	**8.3900e-003**	**4.0000e-004**	**8.8000e-003**	**2.3000e-003**	**3.9000e-004**	**2.6700e-003**	**0.0000**	**33.6827**	**33.6827**	**2.3100e-003**	**0.0000**	**33.7405**

3.16 Site Preparation for Music Building - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.1600e-003	0.0000	3.1600e-003	1.5100e-003	0.0000	1.5100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.8000e-004	8.7100e-003	3.7800e-003	1.0000e-005		3.8000e-004	3.8000e-004		3.5000e-004	3.5000e-004	0.0000	0.7559	0.7559	2.4000e-004	0.0000	0.7620
Total	**7.8000e-004**	**8.7100e-003**	**3.7800e-003**	**1.0000e-005**	**3.1600e-003**	**3.8000e-004**	**3.5400e-003**	**1.5100e-003**	**3.5000e-004**	**1.8600e-003**	**0.0000**	**0.7559**	**0.7559**	**2.4000e-004**	**0.0000**	**0.7620**

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	8.0000e-005	2.6800e-003	6.2000e-004	1.0000e-005	5.6600e-003	1.0000e-005	5.6700e-003	1.3900e-003	1.0000e-005	1.4000e-003	0.0000	0.7369	0.7369	5.0000e-005	0.0000	0.7382
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-005	1.0000e-005	8.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0198	0.0198	0.0000	0.0000	0.0198
Total	**9.0000e-005**	**2.6900e-003**	**7.0000e-004**	**1.0000e-005**	**5.6800e-003**	**1.0000e-005**	**5.6900e-003**	**1.4000e-003**	**1.0000e-005**	**1.4100e-003**	**0.0000**	**0.7567**	**0.7567**	**5.0000e-005**	**0.0000**	**0.7580**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.2300e-003	0.0000	1.2300e-003	5.9000e-004	0.0000	5.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.5000e-004	2.5300e-003	4.9100e-003	1.0000e-005		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	0.7559	0.7559	2.4000e-004	0.0000	0.7620
Total	**1.5000e-004**	**2.5300e-003**	**4.9100e-003**	**1.0000e-005**	**1.2300e-003**	**1.0000e-005**	**1.2400e-003**	**5.9000e-004**	**1.0000e-005**	**6.0000e-004**	**0.0000**	**0.7559**	**0.7559**	**2.4000e-004**	**0.0000**	**0.7620**

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	8.0000e-005	2.6800e-003	6.2000e-004	1.0000e-005	5.6600e-003	1.0000e-005	5.6700e-003	1.3900e-003	1.0000e-005	1.4000e-003	0.0000	0.7369	0.7369	5.0000e-005	0.0000	0.7382
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-005	1.0000e-005	8.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0198	0.0198	0.0000	0.0000	0.0198
Total	**9.0000e-005**	**2.6900e-003**	**7.0000e-004**	**1.0000e-005**	**5.6800e-003**	**1.0000e-005**	**5.6900e-003**	**1.4000e-003**	**1.0000e-005**	**1.4100e-003**	**0.0000**	**0.7567**	**0.7567**	**5.0000e-005**	**0.0000**	**0.7580**

3.17 Trenching for Music Building - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1165	0.0000	0.1165	0.0638	0.0000	0.0638	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0359	0.4036	0.1696	3.8000e-004		0.0181	0.0181		0.0166	0.0166	0.0000	33.2783	33.2783	0.0108	0.0000	33.5474
Total	**0.0359**	**0.4036**	**0.1696**	**3.8000e-004**	**0.1165**	**0.0181**	**0.1345**	**0.0638**	**0.0166**	**0.0804**	**0.0000**	**33.2783**	**33.2783**	**0.0108**	**0.0000**	**33.5474**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.5100e-003	0.2526	0.0557	6.7000e-004	0.0149	7.9000e-004	0.0157	4.0800e-003	7.5000e-004	4.8300e-003	0.0000	65.5679	65.5679	4.5700e-003	0.0000	65.6821
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.1000e-004	3.3000e-004	3.6200e-003	1.0000e-005	9.6000e-004	1.0000e-005	9.7000e-004	2.6000e-004	1.0000e-005	2.6000e-004	0.0000	0.8988	0.8988	3.0000e-005	0.0000	0.8995
Total	**7.9200e-003**	**0.2530**	**0.0593**	**6.8000e-004**	**0.0158**	**8.0000e-004**	**0.0166**	**4.3400e-003**	**7.6000e-004**	**5.0900e-003**	**0.0000**	**66.4667**	**66.4667**	**4.6000e-003**	**0.0000**	**66.5816**

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					0.0454	0.0000	0.0454	0.0249	0.0000	0.0249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.6000e-003	0.1115	0.2161	3.8000e-004		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004	0.0000	33.2783	33.2783	0.0108	0.0000	33.5474
Total	**6.6000e-003**	**0.1115**	**0.2161**	**3.8000e-004**	**0.0454**	**6.2000e-004**	**0.0460**	**0.0249**	**6.2000e-004**	**0.0255**	**0.0000**	**33.2783**	**33.2783**	**0.0108**	**0.0000**	**33.5474**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.5100e-003	0.2526	0.0557	6.7000e-004	0.0149	7.9000e-004	0.0157	4.0800e-003	7.5000e-004	4.8300e-003	0.0000	65.5679	65.5679	4.5700e-003	0.0000	65.6821
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.1000e-004	3.3000e-004	3.6200e-003	1.0000e-005	9.6000e-004	1.0000e-005	9.7000e-004	2.6000e-004	1.0000e-005	2.6000e-004	0.0000	0.8988	0.8988	3.0000e-005	0.0000	0.8995
Total	**7.9200e-003**	**0.2530**	**0.0593**	**6.8000e-004**	**0.0158**	**8.0000e-004**	**0.0166**	**4.3400e-003**	**7.6000e-004**	**5.0900e-003**	**0.0000**	**66.4667**	**66.4667**	**4.6000e-003**	**0.0000**	**66.5816**

3.17 Trenching for Music Building - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.1600e-003	0.0000	3.1600e-003	1.5100e-003	0.0000	1.5100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.8000e-004	8.7100e-003	3.7800e-003	1.0000e-005		3.8000e-004	3.8000e-004		3.5000e-004	3.5000e-004	0.0000	0.7559	0.7559	2.4000e-004	0.0000	0.7620
Total	**7.8000e-004**	**8.7100e-003**	**3.7800e-003**	**1.0000e-005**	**3.1600e-003**	**3.8000e-004**	**3.5400e-003**	**1.5100e-003**	**3.5000e-004**	**1.8600e-003**	**0.0000**	**0.7559**	**0.7559**	**2.4000e-004**	**0.0000**	**0.7620**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.6000e-004	5.3500e-003	1.2500e-003	1.0000e-005	0.0113	2.0000e-005	0.0113	2.7900e-003	2.0000e-005	2.8000e-003	0.0000	1.4738	1.4738	1.0000e-004	0.0000	1.4763
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-005	1.0000e-005	8.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0198	0.0198	0.0000	0.0000	0.0198
Total	**1.7000e-004**	**5.3600e-003**	**1.3300e-003**	**1.0000e-005**	**0.0113**	**2.0000e-005**	**0.0114**	**2.8000e-003**	**2.0000e-005**	**2.8100e-003**	**0.0000**	**1.4936**	**1.4936**	**1.0000e-004**	**0.0000**	**1.4961**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.2300e-003	0.0000	1.2300e-003	5.9000e-004	0.0000	5.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.5000e-004	2.5300e-003	4.9100e-003	1.0000e-005		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	0.7559	0.7559	2.4000e-004	0.0000	0.7620
Total	**1.5000e-004**	**2.5300e-003**	**4.9100e-003**	**1.0000e-005**	**1.2300e-003**	**1.0000e-005**	**1.2400e-003**	**5.9000e-004**	**1.0000e-005**	**6.0000e-004**	**0.0000**	**0.7559**	**0.7559**	**2.4000e-004**	**0.0000**	**0.7620**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.6000e-004	5.3500e-003	1.2500e-003	1.0000e-005	0.0113	2.0000e-005	0.0113	2.7900e-003	2.0000e-005	2.8000e-003	0.0000	1.4738	1.4738	1.0000e-004	0.0000	1.4763
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-005	1.0000e-005	8.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0198	0.0198	0.0000	0.0000	0.0198
Total	**1.7000e-004**	**5.3600e-003**	**1.3300e-003**	**1.0000e-005**	**0.0113**	**2.0000e-005**	**0.0114**	**2.8000e-003**	**2.0000e-005**	**2.8100e-003**	**0.0000**	**1.4936**	**1.4936**	**1.0000e-004**	**0.0000**	**1.4961**

3.18 Grading for Music Building - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0174	0.0000	0.0174	9.1900e-003	0.0000	9.1900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0269	0.2826	0.2024	3.7000e-004		0.0140	0.0140		0.0131	0.0131	0.0000	32.5614	32.5614	8.2200e-003	0.0000	32.7670
Total	**0.0269**	**0.2826**	**0.2024**	**3.7000e-004**	**0.0174**	**0.0140**	**0.0314**	**9.1900e-003**	**0.0131**	**0.0223**	**0.0000**	**32.5614**	**32.5614**	**8.2200e-003**	**0.0000**	**32.7670**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5000e-003	0.0842	0.0186	2.2000e-004	4.9600e-003	2.6000e-004	5.2200e-003	1.3600e-003	2.5000e-004	1.6100e-003	0.0000	21.8560	21.8560	1.5200e-003	0.0000	21.8940
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.1000e-004	3.3000e-004	3.6200e-003	1.0000e-005	9.6000e-004	1.0000e-005	9.7000e-004	2.6000e-004	1.0000e-005	2.6000e-004	0.0000	0.8988	0.8988	3.0000e-005	0.0000	0.8995
Total	**2.9100e-003**	**0.0845**	**0.0222**	**2.3000e-004**	**5.9200e-003**	**2.7000e-004**	**6.1900e-003**	**1.6200e-003**	**2.6000e-004**	**1.8700e-003**	**0.0000**	**22.7548**	**22.7548**	**1.5500e-003**	**0.0000**	**22.7935**

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					6.7700e-003	0.0000	6.7700e-003	3.5800e-003	0.0000	3.5800e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.1200e-003	0.1314	0.2372	3.7000e-004		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004	0.0000	32.5614	32.5614	8.2200e-003	0.0000	32.7670
Total	**7.1200e-003**	**0.1314**	**0.2372**	**3.7000e-004**	**6.7700e-003**	**5.8000e-004**	**7.3500e-003**	**3.5800e-003**	**5.8000e-004**	**4.1600e-003**	**0.0000**	**32.5614**	**32.5614**	**8.2200e-003**	**0.0000**	**32.7670**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5000e-003	0.0842	0.0186	2.2000e-004	4.9600e-003	2.6000e-004	5.2200e-003	1.3600e-003	2.5000e-004	1.6100e-003	0.0000	21.8560	21.8560	1.5200e-003	0.0000	21.8940
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.1000e-004	3.3000e-004	3.6200e-003	1.0000e-005	9.6000e-004	1.0000e-005	9.7000e-004	2.6000e-004	1.0000e-005	2.6000e-004	0.0000	0.8988	0.8988	3.0000e-005	0.0000	0.8995
Total	**2.9100e-003**	**0.0845**	**0.0222**	**2.3000e-004**	**5.9200e-003**	**2.7000e-004**	**6.1900e-003**	**1.6200e-003**	**2.6000e-004**	**1.8700e-003**	**0.0000**	**22.7548**	**22.7548**	**1.5500e-003**	**0.0000**	**22.7935**

3.18 Grading for Music Building - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.1700e-003	0.0000	1.1700e-003	2.9000e-004	0.0000	2.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.7000e-004	5.9400e-003	4.5500e-003	1.0000e-005		2.8000e-004	2.8000e-004		2.6000e-004	2.6000e-004	0.0000	0.7398	0.7398	1.9000e-004	0.0000	0.7444
Total	**5.7000e-004**	**5.9400e-003**	**4.5500e-003**	**1.0000e-005**	**1.1700e-003**	**2.8000e-004**	**1.4500e-003**	**2.9000e-004**	**2.6000e-004**	**5.5000e-004**	**0.0000**	**0.7398**	**0.7398**	**1.9000e-004**	**0.0000**	**0.7444**

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	5.0000e-005	1.7800e-003	4.2000e-004	0.0000	3.7700e-003	1.0000e-005	3.7800e-003	9.3000e-004	1.0000e-005	9.3000e-004	0.0000	0.4913	0.4913	3.0000e-005	0.0000	0.4921
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-005	1.0000e-005	8.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0198	0.0198	0.0000	0.0000	0.0198
Total	**6.0000e-005**	**1.7900e-003**	**5.0000e-004**	**0.0000**	**3.7900e-003**	**1.0000e-005**	**3.8000e-003**	**9.4000e-004**	**1.0000e-005**	**9.4000e-004**	**0.0000**	**0.5110**	**0.5110**	**3.0000e-005**	**0.0000**	**0.5119**

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	1.1000e-004	0.0000	1.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.6000e-004	2.9900e-003	5.3900e-003	1.0000e-005		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	0.7398	0.7398	1.9000e-004	0.0000	0.7444
Total	**1.6000e-004**	**2.9900e-003**	**5.3900e-003**	**1.0000e-005**	**4.6000e-004**	**1.0000e-005**	**4.7000e-004**	**1.1000e-004**	**1.0000e-005**	**1.2000e-004**	**0.0000**	**0.7398**	**0.7398**	**1.9000e-004**	**0.0000**	**0.7444**

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	5.0000e-005	1.7800e-003	4.2000e-004	0.0000	3.7700e-003	1.0000e-005	3.7800e-003	9.3000e-004	1.0000e-005	9.3000e-004	0.0000	0.4913	0.4913	3.0000e-005	0.0000	0.4921
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-005	1.0000e-005	8.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0198	0.0198	0.0000	0.0000	0.0198
Total	**6.0000e-005**	**1.7900e-003**	**5.0000e-004**	**0.0000**	**3.7900e-003**	**1.0000e-005**	**3.8000e-003**	**9.4000e-004**	**1.0000e-005**	**9.4000e-004**	**0.0000**	**0.5110**	**0.5110**	**3.0000e-005**	**0.0000**	**0.5119**

3.19 Building Construction for Music Building - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2000	1.5364	1.5783	2.5100e-003		0.0821	0.0821		0.0786	0.0786	0.0000	208.8076	208.8076	0.0418	0.0000	209.8514
Total	**0.2000**	**1.5364**	**1.5783**	**2.5100e-003**		**0.0821**	**0.0821**		**0.0786**	**0.0786**	**0.0000**	**208.8076**	**208.8076**	**0.0418**	**0.0000**	**209.8514**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.3300e-003	0.2408	0.0562	6.7000e-004	0.0150	7.2000e-004	0.0157	4.1100e-003	6.9000e-004	4.8000e-003	0.0000	66.3198	66.3198	4.6000e-003	0.0000	66.4349
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	0.0169	0.0131	0.1482	4.3000e-004	0.0430	3.5000e-004	0.0433	0.0114	3.3000e-004	0.0117	0.0000	38.7656	38.7656	1.1400e-003	0.0000	38.7941
Total	**0.0242**	**0.2540**	**0.2044**	**1.1000e-003**	**0.0579**	**1.0700e-003**	**0.0590**	**0.0155**	**1.0200e-003**	**0.0165**	**0.0000**	**105.0853**	**105.0853**	**5.7400e-003**	**0.0000**	**105.2289**

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	0.0481	1.1572	1.6179	2.5100e-003		0.0164	0.0164		0.0164	0.0164	0.0000	208.8074	208.8074	0.0418	0.0000	209.8512
Total	**0.0481**	**1.1572**	**1.6179**	**2.5100e-003**		**0.0164**	**0.0164**		**0.0164**	**0.0164**	**0.0000**	**208.8074**	**208.8074**	**0.0418**	**0.0000**	**209.8512**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.3300e-003	0.2408	0.0562	6.7000e-004	0.0150	7.2000e-004	0.0157	4.1100e-003	6.9000e-004	4.8000e-003	0.0000	66.3198	66.3198	4.6000e-003	0.0000	66.4349
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	0.0169	0.0131	0.1482	4.3000e-004	0.0430	3.5000e-004	0.0433	0.0114	3.3000e-004	0.0117	0.0000	38.7656	38.7656	1.1400e-003	0.0000	38.7941
Total	**0.0242**	**0.2540**	**0.2044**	**1.1000e-003**	**0.0579**	**1.0700e-003**	**0.0590**	**0.0155**	**1.0200e-003**	**0.0165**	**0.0000**	**105.0853**	**105.0853**	**5.7400e-003**	**0.0000**	**105.2289**

3.20 Architectural Coating for Music Building - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0998					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.2200e-003	0.0504	0.0600	1.0000e-004		3.1100e-003	3.1100e-003		3.1100e-003	3.1100e-003	0.0000	8.4257	8.4257	5.8000e-004	0.0000	8.4402
Total	**0.1070**	**0.0504**	**0.0600**	**1.0000e-004**		**3.1100e-003**	**3.1100e-003**		**3.1100e-003**	**3.1100e-003**	**0.0000**	**8.4257**	**8.4257**	**5.8000e-004**	**0.0000**	**8.4402**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.7500e-003	0.0903	0.0211	2.5000e-004	7.0100e-003	2.7000e-004	7.2800e-003	1.8800e-003	2.6000e-004	2.1400e-003	0.0000	24.8699	24.8699	1.7300e-003	0.0000	24.9131
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	2.8400e-003	2.2100e-003	0.0250	7.0000e-005	7.2300e-003	6.0000e-005	7.2900e-003	1.9200e-003	5.0000e-005	1.9800e-003	0.0000	6.5269	6.5269	1.9000e-004	0.0000	6.5317
Total	**5.5900e-003**	**0.0925**	**0.0460**	**3.2000e-004**	**0.0142**	**3.3000e-004**	**0.0146**	**3.8000e-003**	**3.1000e-004**	**4.1200e-003**	**0.0000**	**31.3968**	**31.3968**	**1.9200e-003**	**0.0000**	**31.4447**

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	0.0998					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.8000e-003	0.0350	0.0605	1.0000e-004		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004	0.0000	8.4257	8.4257	5.8000e-004	0.0000	8.4402
Total	**0.1016**	**0.0350**	**0.0605**	**1.0000e-004**		**1.3000e-004**	**1.3000e-004**		**1.3000e-004**	**1.3000e-004**	**0.0000**	**8.4257**	**8.4257**	**5.8000e-004**	**0.0000**	**8.4402**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.7500e-003	0.0903	0.0211	2.5000e-004	7.0100e-003	2.7000e-004	7.2800e-003	1.8800e-003	2.6000e-004	2.1400e-003	0.0000	24.8699	24.8699	1.7300e-003	0.0000	24.9131
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	2.8400e-003	2.2100e-003	0.0250	7.0000e-005	7.2300e-003	6.0000e-005	7.2900e-003	1.9200e-003	5.0000e-005	1.9800e-003	0.0000	6.5269	6.5269	1.9000e-004	0.0000	6.5317
Total	**5.5900e-003**	**0.0925**	**0.0460**	**3.2000e-004**	**0.0142**	**3.3000e-004**	**0.0146**	**3.8000e-003**	**3.1000e-004**	**4.1200e-003**	**0.0000**	**31.3968**	**31.3968**	**1.9200e-003**	**0.0000**	**31.4447**

3.20 Architectural Coating for Music Building - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0333					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.2500e-003	0.0155	0.0200	3.0000e-005		9.0000e-004	9.0000e-004		9.0000e-004	9.0000e-004	0.0000	2.8086	2.8086	1.8000e-004	0.0000	2.8132
Total	**0.0355**	**0.0155**	**0.0200**	**3.0000e-005**		**9.0000e-004**	**9.0000e-004**		**9.0000e-004**	**9.0000e-004**	**0.0000**	**2.8086**	**2.8086**	**1.8000e-004**	**0.0000**	**2.8132**

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	8.7000e-004	0.0279	6.9400e-003	8.0000e-005	6.0900e-003	8.0000e-005	6.1600e-003	1.5500e-003	7.0000e-005	1.6200e-003	0.0000	8.1914	8.1914	5.7000e-004	0.0000	8.2056
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	8.9000e-004	6.7000e-004	7.6700e-003	2.0000e-005	2.4100e-003	2.0000e-005	2.4300e-003	6.4000e-004	2.0000e-005	6.6000e-004	0.0000	2.0991	2.0991	6.0000e-005	0.0000	2.1006
Total	**1.7600e-003**	**0.0286**	**0.0146**	**1.0000e-004**	**8.5000e-003**	**1.0000e-004**	**8.5900e-003**	**2.1900e-003**	**9.0000e-005**	**2.2800e-003**	**0.0000**	**10.2905**	**10.2905**	**6.3000e-004**	**0.0000**	**10.3061**

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	0.0333					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-004	0.0117	0.0202	3.0000e-005		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	2.8086	2.8086	1.8000e-004	0.0000	2.8132
Total	**0.0339**	**0.0117**	**0.0202**	**3.0000e-005**		**4.0000e-005**	**4.0000e-005**		**4.0000e-005**	**4.0000e-005**	**0.0000**	**2.8086**	**2.8086**	**1.8000e-004**	**0.0000**	**2.8132**

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	8.7000e-004	0.0279	6.9400e-003	8.0000e-005	6.0900e-003	8.0000e-005	6.1600e-003	1.5500e-003	7.0000e-005	1.6200e-003	0.0000	8.1914	8.1914	5.7000e-004	0.0000	8.2056
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	8.9000e-004	6.7000e-004	7.6700e-003	2.0000e-005	2.4100e-003	2.0000e-005	2.4300e-003	6.4000e-004	2.0000e-005	6.6000e-004	0.0000	2.0991	2.0991	6.0000e-005	0.0000	2.1006
Total	**1.7600e-003**	**0.0286**	**0.0146**	**1.0000e-004**	**8.5000e-003**	**1.0000e-004**	**8.5900e-003**	**2.1900e-003**	**9.0000e-005**	**2.2800e-003**	**0.0000**	**10.2905**	**10.2905**	**6.3000e-004**	**0.0000**	**10.3061**

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Date: 1/26/2018 8:24 AM

Santa Monica Malibu USD JAMS

Los Angeles-South Coast County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating for Music Building	0.05	0.10	-0.00	0.00	0.86	0.87	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating for New Auditorium	0.08	0.21	-0.00	0.00	0.92	0.92	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating for Rehearsal Rooms	0.01	0.02	-0.00	0.00	0.58	0.59	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction for Music Building	0.68	0.21	-0.02	0.00	0.79	0.78	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction for New Auditorium	0.69	0.27	-0.00	0.00	0.82	0.82	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction for Rehearsal Rooms	0.76	0.28	-0.01	0.00	0.82	0.82	0.00	0.00	0.00	0.00	0.00	0.00
Demolition for Music Building	0.65	0.32	-0.04	0.00	0.95	0.94	0.00	0.00	0.00	0.00	0.00	0.00
Demolition for New Auditorium	0.60	0.27	-0.02	0.00	0.92	0.92	0.00	0.00	0.00	0.00	0.00	0.00
Grading for Music Building	0.66	0.41	-0.15	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
Grading for New Auditorium	0.60	0.32	-0.13	0.00	0.91	0.91	0.00	0.00	0.00	0.00	0.00	0.00
Grading for Rehearsal Rooms	0.50	0.21	-0.12	0.00	0.87	0.87	0.00	0.00	0.00	0.00	0.00	0.00
Remodel of Building J	0.76	0.31	0.01	0.00	0.84	0.84	0.00	0.00	0.00	0.00	0.00	0.00
Remodel of Building J Architectural Coating	0.77	0.32	0.01	0.00	0.84	0.84	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation for Music Building	0.73	0.55	-0.23	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation for New Auditorium	0.59	0.36	-0.15	0.00	0.89	0.89	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation for Rehearsal Rooms	0.61	0.39	-0.18	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
Trenching for Music Building	0.67	0.44	-0.20	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
Trenching for New Auditorium	0.59	0.36	-0.15	0.00	0.89	0.89	0.00	0.00	0.00	0.00	0.00	0.00
Trenching for Rehearsal Rooms	0.71	0.51	-0.22	0.00	0.94	0.93	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	Tier 4 Interim	4	4	No Change	0.00
Cement and Mortar Mixers	Diesel	Tier 4 Interim	4	4	No Change	0.00
Concrete/Industrial Saws	Diesel	Tier 4 Interim	7	7	No Change	0.00
Cranes	Diesel	Tier 4 Interim	6	6	No Change	0.00
Forklifts	Diesel	Tier 4 Interim	12	12	No Change	0.00
Generator Sets	Diesel	Tier 4 Interim	5	5	No Change	0.00
Graders	Diesel	Tier 4 Interim	10	10	No Change	0.00
Pavers	Diesel	Tier 4 Interim	1	1	No Change	0.00
Rollers	Diesel	Tier 4 Interim	1	1	No Change	0.00
Rubber Tired Dozers	Diesel	Tier 4 Interim	13	13	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	34	34	No Change	0.00
Welders	Diesel	Tier 4 Interim	15	15	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Air Compressors	2.81200E-002	1.95530E-001	2.20950E-001	3.60000E-004	1.25500E-002	1.25500E-002	0.00000E+000	3.08944E+001	3.08944E+001	2.28000E-003	0.00000E+000	3.09515E+001
Concrete/Industrial Saws	5.25400E-002	4.07200E-001	4.26920E-001	7.20000E-004	2.58100E-002	2.58100E-002	0.00000E+000	6.20321E+001	6.20321E+001	4.26000E-003	0.00000E+000	6.21387E+001
Cranes	6.85200E-002	8.12510E-001	3.19430E-001	8.60000E-004	3.37100E-002	3.10100E-002	0.00000E+000	7.64901E+001	7.64901E+001	2.45500E-002	0.00000E+000	7.71039E+001
Forklifts	6.50000E-002	5.85710E-001	5.30560E-001	6.90000E-004	4.36800E-002	4.01900E-002	0.00000E+000	6.07914E+001	6.07914E+001	1.95100E-002	0.00000E+000	6.12792E+001
Generator Sets	1.20070E-001	1.04205E+000	1.10958E+000	1.97000E-003	5.90300E-002	5.90300E-002	0.00000E+000	1.69280E+002	1.69280E+002	9.65000E-003	0.00000E+000	1.69521E+002
Graders	7.32500E-002	9.80260E-001	2.78290E-001	1.01000E-003	3.13900E-002	2.88700E-002	0.00000E+000	8.98072E+001	8.98072E+001	2.87900E-002	0.00000E+000	9.05270E+001
Rubber Tired Dozers	1.23770E-001	1.30739E+000	4.70990E-001	9.60000E-004	6.39000E-002	5.87900E-002	0.00000E+000	8.50492E+001	8.50492E+001	2.72500E-002	0.00000E+000	8.57303E+001
Tractors/Loaders/Backhoes	1.94120E-001	1.95066E+000	2.06347E+000	2.80000E-003	1.25070E-001	1.15060E-001	0.00000E+000	2.48619E+002	2.48619E+002	7.96800E-002	0.00000E+000	2.50612E+002
Welders	3.09080E-001	1.40984E+000	1.58590E+000	2.30000E-003	7.82600E-002	7.82600E-002	0.00000E+000	1.69116E+002	1.69116E+002	2.51500E-002	0.00000E+000	1.69745E+002

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Mitigated tons/yr						Mitigated mt/yr					
Air Compressors	6.59000E-003	1.28240E-001	2.21720E-001	3.60000E-004	4.80000E-004	4.80000E-004	0.00000E+000	3.08943E+001	3.08943E+001	2.28000E-003	0.00000E+000	3.09514E+001
Concrete/Industrial Saws	1.32400E-002	2.57490E-001	4.45190E-001	7.20000E-004	9.60000E-004	9.60000E-004	0.00000E+000	6.20320E+001	6.20320E+001	4.26000E-003	0.00000E+000	6.21386E+001
Cranes	1.41500E-002	2.28240E-001	4.60020E-001	8.60000E-004	1.42000E-003	1.42000E-003	0.00000E+000	7.64900E+001	7.64900E+001	2.45500E-002	0.00000E+000	7.71038E+001
Forklifts	1.55100E-002	3.01820E-001	5.21840E-001	6.90000E-004	1.13000E-003	1.13000E-003	0.00000E+000	6.07914E+001	6.07914E+001	1.95100E-002	0.00000E+000	6.12792E+001
Generator Sets	3.61200E-002	7.02660E-001	1.21488E+000	1.97000E-003	2.63000E-003	2.63000E-003	0.00000E+000	1.69279E+002	1.69279E+002	9.65000E-003	0.00000E+000	1.69521E+002
Graders	1.65100E-002	2.66230E-001	5.36600E-001	1.01000E-003	1.65000E-003	1.65000E-003	0.00000E+000	8.98071E+001	8.98071E+001	2.87900E-002	0.00000E+000	9.05269E+001
Rubber Tired Dozers	1.56500E-002	2.52320E-001	5.08560E-001	9.60000E-004	1.56000E-003	1.56000E-003	0.00000E+000	8.50491E+001	8.50491E+001	2.72500E-002	0.00000E+000	8.57302E+001
Tractors/Loaders/Backhoes	6.28600E-002	1.22286E+000	2.11430E+000	2.80000E-003	4.57000E-003	4.57000E-003	0.00000E+000	2.48619E+002	2.48619E+002	7.96800E-002	0.00000E+000	2.50611E+002
Welders	3.93600E-002	1.49253E+000	1.34492E+000	2.30000E-003	4.19900E-002	4.19900E-002	0.00000E+000	1.69116E+002	1.69116E+002	2.51500E-002	0.00000E+000	1.69745E+002

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Percent Reduction											
Air Compressors	7.65647E-001	3.44142E-001	-3.48495E-003	0.00000E+000	9.61753E-001	9.61753E-001	0.00000E+000	1.29473E-006	1.29473E-006	0.00000E+000	0.00000E+000	1.29235E-006
Concrete/Industrial Saws	7.48002E-001	3.67657E-001	-4.27949E-002	0.00000E+000	9.62805E-001	9.62805E-001	0.00000E+000	1.28965E-006	1.28965E-006	0.00000E+000	0.00000E+000	1.28744E-006
Cranes	7.93491E-001	7.19093E-001	-4.40128E-001	0.00000E+000	9.57876E-001	9.54208E-001	0.00000E+000	1.17662E-006	1.17662E-006	0.00000E+000	0.00000E+000	1.16726E-006
Forklifts	7.61385E-001	4.84694E-001	1.64355E-002	0.00000E+000	9.74130E-001	9.71884E-001	0.00000E+000	1.15148E-006	1.15148E-006	0.00000E+000	0.00000E+000	1.14231E-006
Generator Sets	6.99175E-001	3.25695E-001	-9.49008E-002	0.00000E+000	9.55446E-001	9.55446E-001	0.00000E+000	1.18148E-006	1.18148E-006	0.00000E+000	0.00000E+000	1.17980E-006
Graders	7.74608E-001	7.28409E-001	-9.28204E-001	0.00000E+000	9.47435E-001	9.42847E-001	0.00000E+000	1.22485E-006	1.22485E-006	0.00000E+000	0.00000E+000	1.21511E-006
Rubber Tired Dozers	8.73556E-001	8.07005E-001	-7.97681E-002	0.00000E+000	9.75587E-001	9.73465E-001	0.00000E+000	1.29337E-006	1.29337E-006	0.00000E+000	0.00000E+000	1.28309E-006
Tractors/Loaders/Backhoes	6.76180E-001	3.73104E-001	-2.46333E-002	0.00000E+000	9.63460E-001	9.60282E-001	0.00000E+000	1.16644E-006	1.16644E-006	0.00000E+000	0.00000E+000	1.19707E-006
Welders	8.72654E-001	-5.86520E-002	1.51952E-001	0.00000E+000	4.63455E-001	4.63455E-001	0.00000E+000	1.18262E-006	1.18262E-006	0.00000E+000	0.00000E+000	1.17824E-006

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input		Mitigation Input		Mitigation Input	
No	Soil Stabilizer for unpaved Roads	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
Yes	Water Exposed Area	PM10 Reduction	61.00	PM2.5 Reduction	61.00	Frequency (per day)	3.00
No	Unpaved Road Mitigation	Moisture Content %	0.00	Vehicle Speed (mph)	0.00		
No	Clean Paved Road	% PM Reduction	0.00				

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Architectural Coating for Music Building	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating for Music Building	Roads	0.02	0.01	0.02	0.01	0.00	0.00
Architectural Coating for New Auditorium	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating for New Auditorium	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Architectural Coating for Rehearsal Rooms	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating for Rehearsal Rooms	Roads	0.02	0.00	0.02	0.00	0.00	0.00
Building Construction for Music Building	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction for Music Building	Roads	0.06	0.02	0.06	0.02	0.00	0.00
Building Construction for New Auditorium	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction for New Auditorium	Roads	0.08	0.02	0.08	0.02	0.00	0.00
Building Construction for Rehearsal Rooms	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction for Rehearsal Rooms	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Demolition for Music Building	Fugitive Dust	0.00	0.00	0.00	0.00	0.61	0.62
Demolition for Music Building	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Demolition for New Auditorium	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
Demolition for New Auditorium	Roads	0.02	0.00	0.02	0.00	0.00	0.00
Grading for Music Building	Fugitive Dust	0.02	0.01	0.01	0.00	0.61	0.61
Grading for Music Building	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Grading for New Auditorium	Fugitive Dust	0.02	0.01	0.01	0.00	0.61	0.61
Grading for New Auditorium	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Grading for Rehearsal Rooms	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
Grading for Rehearsal Rooms	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Remodel of Building J	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Remodel of Building J	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Remodel of Building J Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Remodel of Building J Architectural Coating	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Site Preparation for Music Building	Fugitive Dust	0.12	0.07	0.05	0.03	0.61	0.61
Site Preparation for Music Building	Roads	0.01	0.00	0.01	0.00	0.00	0.00

Site Preparation for New Auditorium	Fugitive Dust	0.12	0.06	0.05	0.02	0.61	0.61
Site Preparation for New Auditorium	Roads	0.03	0.01	0.03	0.01	0.00	0.00
Site Preparation for Rehearsal Rooms	Fugitive Dust	0.06	0.03	0.02	0.01	0.61	0.61
Site Preparation for Rehearsal Rooms	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Trenching for Music Building	Fugitive Dust	0.12	0.07	0.05	0.03	0.61	0.61
Trenching for Music Building	Roads	0.03	0.01	0.03	0.01	0.00	0.00
Trenching for New Auditorium	Fugitive Dust	0.12	0.06	0.05	0.02	0.61	0.61
Trenching for New Auditorium	Roads	0.03	0.01	0.03	0.01	0.00	0.00
Trenching for Rehearsal Rooms	Fugitive Dust	0.06	0.03	0.02	0.01	0.61	0.61
Trenching for Rehearsal Rooms	Roads	0.01	0.00	0.01	0.00	0.00	0.00

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.18	0.45		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			
No	Neighborhood Enhancements	Improve Pedestrian Network				
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.00			
No	Commute	Implement Trip Reduction Program				
No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"				
No	Commute	Workplace Parking Charge				

No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00			
No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program				
	Commute	Commute Subtotal	0.00			
No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.00			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	50.00
No	Use Low VOC Paint (Residential Exterior)	50.00
No	Use Low VOC Paint (Non-residential Interior)	100.00
No	Use Low VOC Paint (Non-residential Exterior)	100.00
No	Use Low VOC Paint (Parking)	100.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water		
No	Use Grey Water		
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction		
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape		

Solid Waste Mitigation

Mitigation Measures	Input Value
Institute Recycling and Composting Services	
Percent Reduction in Waste Disposed	

CalEEMod Version: CalEEMod.2016.3.2

Date: 2/6/2018 9:12 PM

JAMS Operational AQ

Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Junior High School	8.70	1000sqft	0.20	8,700.00	0
Arena	20.00	1000sqft	6.43	20,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2023
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Operational Emissions

Off-road Equipment - Operational Emissions Only

Off-road Equipment - Operational Emissions Only

Off-road Equipment - Operational Emissions Only

Off-road Equipment - Operational Emissions Only

Off-road Equipment - Operational Emissions Only

Off-road Equipment - Operational Emissions Only

Trips and VMT - Operational Emissions Only

Architectural Coating - Operational

Vehicle Trips - Max daily of 250 trips total

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	14,350.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	43,050.00	0.00
tblConstructionPhase	NumDays	20.00	0.00
tblConstructionPhase	NumDays	230.00	0.00
tblConstructionPhase	NumDays	20.00	0.00
tblConstructionPhase	NumDays	20.00	0.00
tblConstructionPhase	NumDays	20.00	0.00
tblConstructionPhase	NumDays	10.00	0.00
tblGrading	AcresOfGrading	0.00	10.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	6.00	0.00

tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
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	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	12.00	0.00
tblTripsAndVMT	WorkerTripNumber	2.00	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	25.00	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	12.00	0.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	63.00	100.00
tblVehicleTrips	ST_TR	10.71	25.00
tblVehicleTrips	SU_TR	10.71	0.00
tblVehicleTrips	WD_TR	10.71	0.00
tblVehicleTrips	WD_TR	13.78	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					
2018	0.0000	0.0000	0.0000	0.0000	0.0000	4.3200e-003	0.0000	0.0000	4.1300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2019	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**4.3200e-003**	**0.0000**	**0.0000**	**4.1300e-003**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	0.0000	0.0000	0.0000	0.0000	0.0000	4.3200e-003	0.0000	0.0000	4.1300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2019	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**4.3200e-003**	**0.0000**	**0.0000**	**4.1300e-003**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

	ROG	**NOx**	**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**

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	0.6414	3.0000e-005	2.9300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		6.2800e-003	6.2800e-003	2.0000e-005		6.6900e-003
Energy	0.0134	0.1215	0.1021	7.3000e-004		9.2400e-003	9.2400e-003		9.2400e-003	9.2400e-003		145.8437	145.8437	2.8000e-003	2.6700e-003	146.7104
Mobile	0.7742	3.1666	10.0590	0.0376	3.1406	0.0276	3.1682	0.8404	0.0257	0.8661		3,834.1803	3,834.1803	0.1844		3,838.7905
Total	**1.4289**	**3.2882**	**10.1640**	**0.0384**	**3.1406**	**0.0369**	**3.1775**	**0.8404**	**0.0349**	**0.8754**		**3,980.0303**	**3,980.0303**	**0.1872**	**2.6700e-003**	**3,985.5075**

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	0.6414	3.0000e-005	2.9300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		6.2800e-003	6.2800e-003	2.0000e-005		6.6900e-003
Energy	0.0134	0.1215	0.1021	7.3000e-004		9.2400e-003	9.2400e-003		9.2400e-003	9.2400e-003		145.8437	145.8437	2.8000e-003	2.6700e-003	146.7104
Mobile	0.7742	3.1666	10.0590	0.0376	3.1406	0.0276	3.1682	0.8404	0.0257	0.8661		3,834.1803	3,834.1803	0.1844		3,838.7905
Total	**1.4289**	**3.2882**	**10.1640**	**0.0384**	**3.1406**	**0.0369**	**3.1775**	**0.8404**	**0.0349**	**0.8754**		**3,980.0303**	**3,980.0303**	**0.1872**	**2.6700e-003**	**3,985.5075**

	ROG	**NOx**	**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**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	2/5/2018	2/4/2018	5	0	
2	Site Preparation	Site Preparation	3/3/2018	3/2/2018	5	0	
3	Grading	Grading	3/17/2018	3/15/2018	5	0	
4	Building Construction	Building Construction	4/14/2018	4/3/2018	5	0	
5	Paving	Paving	3/2/2019	3/1/2018	5	0	
6	Architectural Coating	Architectural Coating	3/30/2019	3/29/2019	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 10

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	0.00	81	0.73
Demolition	Excavators	0	0.00	158	0.38
Demolition	Rubber Tired Dozers	0	0.00	247	0.40
Site Preparation	Rubber Tired Dozers	0	0.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Grading	Excavators	0	0.00	158	0.38
Grading	Graders	0	0.00	187	0.41
Grading	Rubber Tired Dozers	0	0.00	247	0.40
Grading	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Building Construction	Cranes	0	0.00	231	0.29
Building Construction	Forklifts	0	0.00	89	0.20
Building Construction	Generator Sets	0	0.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Building Construction	Welders	0	0.00	46	0.45
Paving	Pavers	0	0.00	130	0.42
Paving	Paving Equipment	0	0.00	132	0.36
Paving	Rollers	0	0.00	80	0.38
Architectural Coating	Air Compressors	0	0.00	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
Demolition	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	0	0.00	5.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

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	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.3 Site Preparation - 2018

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.4 Grading - 2018

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.5 Building Construction - 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

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	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.7 Architectural Coating - 2019

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.7742	3.1666	10.0590	0.0376	3.1406	0.0276	3.1682	0.8404	0.0257	0.8661		3,834.1803	3,834.1803	0.1844		3,838.7905
Unmitigated	0.7742	3.1666	10.0590	0.0376	3.1406	0.0276	3.1682	0.8404	0.0257	0.8661		3,834.1803	3,834.1803	0.1844		3,838.7905

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Arena	0.00	500.00	0.00	210,990	210,990
Junior High School	0.00	0.00	0.00		
Total	0.00	500.00	0.00	210,990	210,990

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
Arena	16.60	8.40	6.90	0.00	81.00	19.00	100	0	0
Junior High School	16.60	8.40	6.90	72.80	22.20	5.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Arena	0.545842	0.044768	0.205288	0.119317	0.015350	0.006227	0.020460	0.031333	0.002546	0.002133	0.005184	0.000692	0.000862
Junior High School	0.545842	0.044768	0.205288	0.119317	0.015350	0.006227	0.020460	0.031333	0.002546	0.002133	0.005184	0.000692	0.000862

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0134	0.1215	0.1021	7.3000e-004		9.2400e-003	9.2400e-003		9.2400e-003	9.2400e-003		145.8437	145.8437	2.8000e-003	2.6700e-003	146.7104
NaturalGas Unmitigated	0.0134	0.1215	0.1021	7.3000e-004		9.2400e-003	9.2400e-003		9.2400e-003	9.2400e-003		145.8437	145.8437	2.8000e-003	2.6700e-003	146.7104

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Arena	991.781	0.0107	0.0972	0.0817	5.8000e-004		7.3900e-003	7.3900e-003		7.3900e-003	7.3900e-003		116.6801	116.6801	2.2400e-003	2.1400e-003	117.3735
Junior High School	247.89	2.6700e-003	0.0243	0.0204	1.5000e-004		1.8500e-003	1.8500e-003		1.8500e-003	1.8500e-003		29.1636	29.1636	5.6000e-004	5.3000e-004	29.3369
Total		**0.0134**	**0.1215**	**0.1021**	**7.3000e-004**		**9.2400e-003**	**9.2400e-003**		**9.2400e-003**	**9.2400e-003**		**145.8437**	**145.8437**	**2.8000e-003**	**2.6700e-003**	**146.7104**

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					
Arena	0.991781	0.0107	0.0972	0.0817	5.8000e-004		7.3900e-003	7.3900e-003		7.3900e-003	7.3900e-003		116.6801	116.6801	2.2400e-003	2.1400e-003	117.3735
Junior High School	0.24789	2.6700e-003	0.0243	0.0204	1.5000e-004		1.8500e-003	1.8500e-003		1.8500e-003	1.8500e-003		29.1636	29.1636	5.6000e-004	5.3000e-004	29.3369
Total		**0.0134**	**0.1215**	**0.1021**	**7.3000e-004**		**9.2400e-003**	**9.2400e-003**		**9.2400e-003**	**9.2400e-003**		**145.8437**	**145.8437**	**2.8000e-003**	**2.6700e-003**	**146.7104**

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	0.6414	3.0000e-005	2.9300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		6.2800e-003	6.2800e-003	2.0000e-005		6.6900e-003
Unmitigated	0.6414	3.0000e-005	2.9300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		6.2800e-003	6.2800e-003	2.0000e-005		6.6900e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0729					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.5683					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.7000e-004	3.0000e-005	2.9300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		6.2800e-003	6.2800e-003	2.0000e-005		6.6900e-003
Total	**0.6414**	**3.0000e-005**	**2.9300e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**6.2800e-003**	**6.2800e-003**	**2.0000e-005**		**6.6900e-003**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0729					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.5683					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.7000e-004	3.0000e-005	2.9300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		6.2800e-003	6.2800e-003	2.0000e-005		6.6900e-003
Total	**0.6414**	**3.0000e-005**	**2.9300e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**6.2800e-003**	**6.2800e-003**	**2.0000e-005**		**6.6900e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

CalEEMod Version: CalEEMod.2016.3.2

Date: 2/6/2018 9:21 PM

JAMS Operational AQ - Los Angeles-South Coast County, Winter

JAMS Operational AQ

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Junior High School	8.70	1000sqft	0.20	8,700.00	0
Arena	20.00	1000sqft	6.43	20,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2023
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Construction Phase - Operational Emissions

Off-road Equipment - Operational Emissions Only

Trips and VMT - Operational Emissions Only

Architectural Coating - Operational

Vehicle Trips - Max daily of 250 trips total

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	14,350.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	43,050.00	0.00
tblConstructionPhase	NumDays	20.00	0.00
tblConstructionPhase	NumDays	230.00	0.00
tblConstructionPhase	NumDays	20.00	0.00
tblConstructionPhase	NumDays	20.00	0.00
tblConstructionPhase	NumDays	20.00	0.00
tblConstructionPhase	NumDays	10.00	0.00
tblGrading	AcresOfGrading	0.00	10.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	6.00	0.00

tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
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	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	12.00	0.00
tblTripsAndVMT	WorkerTripNumber	2.00	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	25.00	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	12.00	0.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	63.00	100.00
tblVehicleTrips	ST_TR	10.71	25.00
tblVehicleTrips	SU_TR	10.71	0.00
tblVehicleTrips	WD_TR	10.71	0.00
tblVehicleTrips	WD_TR	13.78	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	0.6414	3.0000e-005	2.9300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		6.2800e-003	6.2800e-003	2.0000e-005		6.6900e-003
Energy	0.0134	0.1215	0.1021	7.3000e-004		9.2400e-003	9.2400e-003		9.2400e-003	9.2400e-003		145.8437	145.8437	2.8000e-003	2.6700e-003	146.7104
Mobile	0.7495	3.2394	9.5637	0.0358	3.1406	0.0278	3.1683	0.8404	0.0258	0.8663		3,649.2659	3,649.2659	0.1840		3,653.8661
Total	**1.4043**	**3.3610**	**9.6687**	**0.0365**	**3.1406**	**0.0370**	**3.1776**	**0.8404**	**0.0351**	**0.8755**		**3,795.1158**	**3,795.1158**	**0.1868**	**2.6700e-003**	**3,800.5832**

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	0.6414	3.0000e-005	2.9300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		6.2800e-003	6.2800e-003	2.0000e-005		6.6900e-003
Energy	0.0134	0.1215	0.1021	7.3000e-004		9.2400e-003	9.2400e-003		9.2400e-003	9.2400e-003		145.8437	145.8437	2.8000e-003	2.6700e-003	146.7104
Mobile	0.7495	3.2394	9.5637	0.0358	3.1406	0.0278	3.1683	0.8404	0.0258	0.8663		3,649.2659	3,649.2659	0.1840		3,653.8661
Total	**1.4043**	**3.3610**	**9.6687**	**0.0365**	**3.1406**	**0.0370**	**3.1776**	**0.8404**	**0.0351**	**0.8755**		**3,795.1158**	**3,795.1158**	**0.1868**	**2.6700e-003**	**3,800.5832**

	ROG	**NOx**	**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**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	2/5/2018	2/4/2018	5	0	
2	Site Preparation	Site Preparation	3/3/2018	3/2/2018	5	0	
3	Grading	Grading	3/17/2018	3/15/2018	5	0	
4	Building Construction	Building Construction	4/14/2018	4/3/2018	5	0	
5	Paving	Paving	3/2/2019	3/1/2018	5	0	
6	Architectural Coating	Architectural Coating	3/30/2019	3/29/2019	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 10

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	0.00	81	0.73
Demolition	Excavators	0	0.00	158	0.38
Demolition	Rubber Tired Dozers	0	0.00	247	0.40
Site Preparation	Rubber Tired Dozers	0	0.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Grading	Excavators	0	0.00	158	0.38
Grading	Graders	0	0.00	187	0.41
Grading	Rubber Tired Dozers	0	0.00	247	0.40
Grading	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Building Construction	Cranes	0	0.00	231	0.29
Building Construction	Forklifts	0	0.00	89	0.20
Building Construction	Generator Sets	0	0.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Building Construction	Welders	0	0.00	46	0.45
Paving	Pavers	0	0.00	130	0.42
Paving	Paving Equipment	0	0.00	132	0.36
Paving	Rollers	0	0.00	80	0.38
Architectural Coating	Air Compressors	0	0.00	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
Demolition	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	0	0.00	5.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

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	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.3 Site Preparation - 2018

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.4 Grading - 2018

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.5 Building Construction - 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

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	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.7 Architectural Coating - 2019

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.7495	3.2394	9.5637	0.0358	3.1406	0.0278	3.1683	0.8404	0.0258	0.8663		3,649.2659	3,649.2659	0.1840		3,653.8661
Unmitigated	0.7495	3.2394	9.5637	0.0358	3.1406	0.0278	3.1683	0.8404	0.0258	0.8663		3,649.2659	3,649.2659	0.1840		3,653.8661

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Arena	0.00	500.00	0.00	210,990	210,990
Junior High School	0.00	0.00	0.00		
Total	0.00	500.00	0.00	210,990	210,990

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
Arena	16.60	8.40	6.90	0.00	81.00	19.00	100	0	0
Junior High School	16.60	8.40	6.90	72.80	22.20	5.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Arena	0.545842	0.044768	0.205288	0.119317	0.015350	0.006227	0.020460	0.031333	0.002546	0.002133	0.005184	0.000692	0.000862
Junior High School	0.545842	0.044768	0.205288	0.119317	0.015350	0.006227	0.020460	0.031333	0.002546	0.002133	0.005184	0.000692	0.000862

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0134	0.1215	0.1021	7.3000e-004		9.2400e-003	9.2400e-003		9.2400e-003	9.2400e-003		145.8437	145.8437	2.8000e-003	2.6700e-003	146.7104
NaturalGas Unmitigated	0.0134	0.1215	0.1021	7.3000e-004		9.2400e-003	9.2400e-003		9.2400e-003	9.2400e-003		145.8437	145.8437	2.8000e-003	2.6700e-003	146.7104

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Arena	991.781	0.0107	0.0972	0.0817	5.8000e-004		7.3900e-003	7.3900e-003		7.3900e-003	7.3900e-003		116.6801	116.6801	2.2400e-003	2.1400e-003	117.3735
Junior High School	247.89	2.6700e-003	0.0243	0.0204	1.5000e-004		1.8500e-003	1.8500e-003		1.8500e-003	1.8500e-003		29.1636	29.1636	5.6000e-004	5.3000e-004	29.3369
Total		**0.0134**	**0.1215**	**0.1021**	**7.3000e-004**		**9.2400e-003**	**9.2400e-003**		**9.2400e-003**	**9.2400e-003**		**145.8437**	**145.8437**	**2.8000e-003**	**2.6700e-003**	**146.7104**

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					
Arena	0.991781	0.0107	0.0972	0.0817	5.8000e-004		7.3900e-003	7.3900e-003		7.3900e-003	7.3900e-003		116.6801	116.6801	2.2400e-003	2.1400e-003	117.3735
Junior High School	0.24789	2.6700e-003	0.0243	0.0204	1.5000e-004		1.8500e-003	1.8500e-003		1.8500e-003	1.8500e-003		29.1636	29.1636	5.6000e-004	5.3000e-004	29.3369
Total		**0.0134**	**0.1215**	**0.1021**	**7.3000e-004**		**9.2400e-003**	**9.2400e-003**		**9.2400e-003**	**9.2400e-003**		**145.8437**	**145.8437**	**2.8000e-003**	**2.6700e-003**	**146.7104**

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	0.6414	3.0000e-005	2.9300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		6.2800e-003	6.2800e-003	2.0000e-005		6.6900e-003
Unmitigated	0.6414	3.0000e-005	2.9300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		6.2800e-003	6.2800e-003	2.0000e-005		6.6900e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0729					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.5683					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.7000e-004	3.0000e-005	2.9300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		6.2800e-003	6.2800e-003	2.0000e-005		6.6900e-003
Total	**0.6414**	**3.0000e-005**	**2.9300e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**6.2800e-003**	**6.2800e-003**	**2.0000e-005**		**6.6900e-003**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0729					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.5683					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.7000e-004	3.0000e-005	2.9300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		6.2800e-003	6.2800e-003	2.0000e-005		6.6900e-003
Total	**0.6414**	**3.0000e-005**	**2.9300e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**6.2800e-003**	**6.2800e-003**	**2.0000e-005**		**6.6900e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

CalEEMod Version: CalEEMod.2016.3.2

Date: 2/6/2018 9:24 PM

JAMS Operational AQ

Los Angeles-South Coast County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Demolition	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grading	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	No Change	0	0	No Change	0.00
Concrete/Industrial Saws	Diesel	No Change	0	0	No Change	0.00
Cranes	Diesel	No Change	0	0	No Change	0.00
Excavators	Diesel	No Change	0	0	No Change	0.00
Forklifts	Diesel	No Change	0	0	No Change	0.00
Generator Sets	Diesel	No Change	0	0	No Change	0.00
Graders	Diesel	No Change	0	0	No Change	0.00
Pavers	Diesel	No Change	0	0	No Change	0.00
Paving Equipment	Diesel	No Change	0	0	No Change	0.00
Rollers	Diesel	No Change	0	0	No Change	0.00
Rubber Tired Dozers	Diesel	No Change	0	0	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	No Change	0	0	No Change	0.00
Welders	Diesel	No Change	0	0	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Air Compressors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Concrete/Industrial Saws	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Cranes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Excavators	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Forklifts	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Generator Sets	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Graders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Rubber Tired Dozers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Tractors/Loaders/Backhoes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Welders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Mitigated tons/yr						Mitigated mt/yr					
Air Compressors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Concrete/Industrial Saws	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Cranes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Excavators	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Forklifts	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Generator Sets	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Graders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Rubber Tired Dozers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Tractors/Loaders/Backhoes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Welders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Percent Reduction											
Air Compressors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Concrete/Industrial Saws	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Cranes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Excavators	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Forklifts	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Generator Sets	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Graders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Rubber Tired Dozers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Tractors/Loaders/Backhoes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Welders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input		Mitigation Input		Mitigation Input	
No	Soil Stabilizer for unpaved Roads	PM10 Reduction		PM2.5 Reduction			
No	Replace Ground Cover of Area Disturbed	PM10 Reduction		PM2.5 Reduction			
No	Water Exposed Area	PM10 Reduction		PM2.5 Reduction		Frequency (per day)	
No	Unpaved Road Mitigation	Moisture Content %		Vehicle Speed (mph)	0.00		
No	Clean Paved Road	% PM Reduction	0.00				

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Demolition	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Demolition	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Grading	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Grading	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation	Roads	0.00	0.00	0.00	0.00	0.00	0.00

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.18	0.45		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			
No	Neighborhood Enhancements	Improve Pedestrian Network				
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.00			
No	Commute	Implement Trip Reduction Program				
No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"				
No	Commute	Workplace Parking Charge				

No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00			
No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program				
	Commute	Commute Subtotal	0.00			
No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.00			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	50.00
No	Use Low VOC Paint (Residential Exterior)	50.00
No	Use Low VOC Paint (Non-residential Interior)	100.00
No	Use Low VOC Paint (Non-residential Exterior)	100.00
No	Use Low VOC Paint (Parking)	100.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water		
No	Use Grey Water		
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction		
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape		

Solid Waste Mitigation

Mitigation Measures	Input Value
Institute Recycling and Composting Services	
Percent Reduction in Waste Disposed	

CalEEMod Version: CalEEMod.2016.3.2

Date: 2/6/2018 9:30 PM

JAMS Operational AQ - Los Angeles-South Coast County, Annual

JAMS Operational AQ

Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Junior High School	8.70	1000sqft	0.20	8,700.00	0
Arena	20.00	1000sqft	6.43	20,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2023
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Construction Phase - Operational Emissions

Off-road Equipment - Operational Emissions Only

Trips and VMT - Operational Emissions Only

Architectural Coating - Operational

Vehicle Trips - Max 250 trips, 10 times a year.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	14,350.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	43,050.00	0.00
tblConstructionPhase	NumDays	20.00	0.00
tblConstructionPhase	NumDays	230.00	0.00
tblConstructionPhase	NumDays	20.00	0.00
tblConstructionPhase	NumDays	20.00	0.00
tblConstructionPhase	NumDays	20.00	0.00
tblConstructionPhase	NumDays	10.00	0.00
tblGrading	AcresOfGrading	0.00	10.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	6.00	0.00

tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
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	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	12.00	0.00
tblTripsAndVMT	WorkerTripNumber	2.00	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	ST_TR	10.71	0.69
tblVehicleTrips	SU_TR	10.71	0.00
tblVehicleTrips	WD_TR	10.71	0.00
tblVehicleTrips	WD_TR	13.78	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	0.1170	0.0000	3.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.1000e-004	7.1000e-004	0.0000	0.0000	7.6000e-004
Energy	2.4400e-003	0.0222	0.0186	1.3000e-004		1.6900e-003	1.6900e-003		1.6900e-003	1.6900e-003	0.0000	176.4773	176.4773	4.0600e-003	1.1900e-003	176.9325
Mobile	5.2000e-004	2.3600e-003	6.9600e-003	3.0000e-005	2.2100e-003	2.0000e-005	2.2300e-003	5.9000e-004	2.0000e-005	6.1000e-004	0.0000	2.4096	2.4096	1.2000e-004	0.0000	2.4126
Waste						0.0000	0.0000		0.0000	0.0000	2.4075	0.0000	2.4075	0.1423	0.0000	5.9644
Water						0.0000	0.0000		0.0000	0.0000	2.7902	70.0391	72.8292	0.2882	7.1100e-003	82.1535
Total	**0.1200**	**0.0245**	**0.0260**	**1.6000e-004**	**2.2100e-003**	**1.7100e-003**	**3.9200e-003**	**5.9000e-004**	**1.7100e-003**	**2.3000e-003**	**5.1977**	**248.9266**	**254.1243**	**0.4347**	**8.3000e-003**	**267.4638**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.1170	0.0000	3.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.1000e-004	7.1000e-004	0.0000	0.0000	7.6000e-004
Energy	2.4400e-003	0.0222	0.0186	1.3000e-004		1.6900e-003	1.6900e-003		1.6900e-003	1.6900e-003	0.0000	176.4773	176.4773	4.0600e-003	1.1900e-003	176.9325
Mobile	5.2000e-004	2.3600e-003	6.9600e-003	3.0000e-005	2.2100e-003	2.0000e-005	2.2300e-003	5.9000e-004	2.0000e-005	6.1000e-004	0.0000	2.4096	2.4096	1.2000e-004	0.0000	2.4126
Waste						0.0000	0.0000		0.0000	0.0000	2.4075	0.0000	2.4075	0.1423	0.0000	5.9644
Water						0.0000	0.0000		0.0000	0.0000	2.7902	70.0391	72.8292	0.2882	7.1100e-003	82.1535
Total	**0.1200**	**0.0245**	**0.0260**	**1.6000e-004**	**2.2100e-003**	**1.7100e-003**	**3.9200e-003**	**5.9000e-004**	**1.7100e-003**	**2.3000e-003**	**5.1977**	**248.9266**	**254.1243**	**0.4347**	**8.3000e-003**	**267.4638**

	ROG	NOx	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**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	2/5/2018	2/4/2018	5	0	
2	Site Preparation	Site Preparation	3/3/2018	3/2/2018	5	0	
3	Grading	Grading	3/17/2018	3/15/2018	5	0	
4	Building Construction	Building Construction	4/14/2018	4/3/2018	5	0	
5	Paving	Paving	3/2/2019	3/1/2018	5	0	
6	Architectural Coating	Architectural Coating	3/30/2019	3/29/2019	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 10

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	0.00	81	0.73
Demolition	Excavators	0	0.00	158	0.38
Demolition	Rubber Tired Dozers	0	0.00	247	0.40
Site Preparation	Rubber Tired Dozers	0	0.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Grading	Excavators	0	0.00	158	0.38
Grading	Graders	0	0.00	187	0.41
Grading	Rubber Tired Dozers	0	0.00	247	0.40
Grading	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Building Construction	Cranes	0	0.00	231	0.29
Building Construction	Forklifts	0	0.00	89	0.20
Building Construction	Generator Sets	0	0.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Building Construction	Welders	0	0.00	46	0.45
Paving	Pavers	0	0.00	130	0.42
Paving	Paving Equipment	0	0.00	132	0.36
Paving	Rollers	0	0.00	80	0.38
Architectural Coating	Air Compressors	0	0.00	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
Demolition	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	0	0.00	5.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

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	5.2000e-004	2.3600e-003	6.9600e-003	3.0000e-005	2.2100e-003	2.0000e-005	2.2300e-003	5.9000e-004	2.0000e-005	6.1000e-004	0.0000	2.4096	2.4096	1.2000e-004	0.0000	2.4126
Unmitigated	5.2000e-004	2.3600e-003	6.9600e-003	3.0000e-005	2.2100e-003	2.0000e-005	2.2300e-003	5.9000e-004	2.0000e-005	6.1000e-004	0.0000	2.4096	2.4096	1.2000e-004	0.0000	2.4126

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Arena	0.00	13.80	0.00	5,823	5,823
Junior High School	0.00	0.00	0.00		
Total	0.00	13.80	0.00	5,823	5,823

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
Arena	16.60	8.40	6.90	0.00	81.00	19.00	100	0	0
Junior High School	16.60	8.40	6.90	72.80	22.20	5.00	63	25	12

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Arena	0.545842	0.044768	0.205288	0.119317	0.015350	0.006227	0.020460	0.031333	0.002546	0.002133	0.005184	0.000692	0.000862
Junior High School	0.545842	0.044768	0.205288	0.119317	0.015350	0.006227	0.020460	0.031333	0.002546	0.002133	0.005184	0.000692	0.000862

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	152.3312	152.3312	3.6000e-003	7.4000e-004	152.6430
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	152.3312	152.3312	3.6000e-003	7.4000e-004	152.6430
NaturalGas Mitigated	2.4400e-003	0.0222	0.0186	1.3000e-004		1.6900e-003	1.6900e-003		1.6900e-003	1.6900e-003	0.0000	24.1461	24.1461	4.6000e-004	4.4000e-004	24.2895
NaturalGas Unmitigated	2.4400e-003	0.0222	0.0186	1.3000e-004		1.6900e-003	1.6900e-003		1.6900e-003	1.6900e-003	0.0000	24.1461	24.1461	4.6000e-004	4.4000e-004	24.2895

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Arena	362000	1.9500e-003	0.0178	0.0149	1.1000e-004		1.3500e-003	1.3500e-003		1.3500e-003	1.3500e-003	0.0000	19.3177	19.3177	3.7000e-004	3.5000e-004	19.4325
Junior High School	90480	4.9000e-004	4.4400e-003	3.7300e-003	3.0000e-005		3.4000e-004	3.4000e-004		3.4000e-004	3.4000e-004	0.0000	4.8284	4.8284	9.0000e-005	9.0000e-005	4.8571
Total		**2.4400e-003**	**0.0222**	**0.0186**	**1.4000e-004**		**1.6900e-003**	**1.6900e-003**		**1.6900e-003**	**1.6900e-003**	**0.0000**	**24.1461**	**24.1461**	**4.6000e-004**	**4.4000e-004**	**24.2895**

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					
Arena	362000	1.9500e-003	0.0178	0.0149	1.1000e-004		1.3500e-003	1.3500e-003		1.3500e-003	1.3500e-003	0.0000	19.3177	19.3177	3.7000e-004	3.5000e-004	19.4325
Junior High School	90480	4.9000e-004	4.4400e-003	3.7300e-003	3.0000e-005		3.4000e-004	3.4000e-004		3.4000e-004	3.4000e-004	0.0000	4.8284	4.8284	9.0000e-005	9.0000e-005	4.8571
Total		**2.4400e-003**	**0.0222**	**0.0186**	**1.4000e-004**		**1.6900e-003**	**1.6900e-003**		**1.6900e-003**	**1.6900e-003**	**0.0000**	**24.1461**	**24.1461**	**4.6000e-004**	**4.4000e-004**	**24.2895**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Arena	222000	123.6455	2.9200e-003	6.0000e-004	123.8985
Junior High School	51504	28.6858	6.8000e-004	1.4000e-004	28.7445
Total		**152.3312**	**3.6000e-003**	**7.4000e-004**	**152.6430**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Arena	222000	123.6455	2.9200e-003	6.0000e-004	123.8985
Junior High School	51504	28.6858	6.8000e-004	1.4000e-004	28.7445
Total		**152.3312**	**3.6000e-003**	**7.4000e-004**	**152.6430**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.1170	0.0000	3.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.1000e-004	7.1000e-004	0.0000	0.0000	7.6000e-004
Unmitigated	0.1170	0.0000	3.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.1000e-004	7.1000e-004	0.0000	0.0000	7.6000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0133					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1037					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.0000e-005	0.0000	3.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.1000e-004	7.1000e-004	0.0000	0.0000	7.6000e-004
Total	**0.1170**	**0.0000**	**3.7000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**7.1000e-004**	**7.1000e-004**	**0.0000**	**0.0000**	**7.6000e-004**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0133					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1037					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.0000e-005	0.0000	3.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.1000e-004	7.1000e-004	0.0000	0.0000	7.6000e-004
Total	**0.1170**	**0.0000**	**3.7000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**7.1000e-004**	**7.1000e-004**	**0.0000**	**0.0000**	**7.6000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	72.8292	0.2882	7.1100e-003	82.1535
Unmitigated	72.8292	0.2882	7.1100e-003	82.1535

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Arena	8.6154 / 0.549919	68.6167	0.2823	6.9500e-003	77.7452
Junior High School	0.179403 / 0.461321	4.2126	5.9400e-003	1.6000e-004	4.4084
Total		**72.8292**	**0.2882**	**7.1100e-003**	**82.1535**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Arena	8.6154 / 0.549919	68.6167	0.2823	6.9500e-003	77.7452
Junior High School	0.179403 / 0.461321	4.2126	5.9400e-003	1.6000e-004	4.4084
Total		**72.8292**	**0.2882**	**7.1100e-003**	**82.1535**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	2.4075	0.1423	0.0000	5.9644
Unmitigated	2.4075	0.1423	0.0000	5.9644

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Arena	0.55	0.1117	6.6000e-003	0.0000	0.2766
Junior High School	11.31	2.2958	0.1357	0.0000	5.6878
Total		**2.4075**	**0.1423**	**0.0000**	**5.9644**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Arena	0.55	0.1117	6.6000e-003	0.0000	0.2766
Junior High School	11.31	2.2958	0.1357	0.0000	5.6878
Total		**2.4075**	**0.1423**	**0.0000**	**5.9644**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

CalEEMod Version: CalEEMod.2016.3.2

Date: 2/6/2018 9:33 PM

JAMS Operational AQ

Los Angeles-South Coast County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Demolition	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grading	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	No Change	0	0	No Change	0.00
Concrete/Industrial Saws	Diesel	No Change	0	0	No Change	0.00
Cranes	Diesel	No Change	0	0	No Change	0.00
Excavators	Diesel	No Change	0	0	No Change	0.00
Forklifts	Diesel	No Change	0	0	No Change	0.00
Generator Sets	Diesel	No Change	0	0	No Change	0.00
Graders	Diesel	No Change	0	0	No Change	0.00
Pavers	Diesel	No Change	0	0	No Change	0.00
Paving Equipment	Diesel	No Change	0	0	No Change	0.00
Rollers	Diesel	No Change	0	0	No Change	0.00
Rubber Tired Dozers	Diesel	No Change	0	0	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	No Change	0	0	No Change	0.00
Welders	Diesel	No Change	0	0	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Air Compressors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Concrete/Industrial Saws	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Cranes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Excavators	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Forklifts	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Generator Sets	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Graders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Rubber Tired Dozers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Tractors/Loaders/Backhoes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Welders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Mitigated tons/yr						Mitigated mt/yr					
Air Compressors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Concrete/Industrial Saws	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Cranes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Excavators	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Forklifts	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Generator Sets	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Graders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Rubber Tired Dozers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Tractors/Loaders/Backhoes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Welders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Air Compressors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Concrete/Industrial Saws	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Cranes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Excavators	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Forklifts	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Generator Sets	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Graders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Rubber Tired Dozers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Tractors/Loaders/Backhoes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Welders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input		Mitigation Input		Mitigation Input	
No	Soil Stabilizer for unpaved Roads	PM10 Reduction		PM2.5 Reduction			
No	Replace Ground Cover of Area Disturbed	PM10 Reduction		PM2.5 Reduction			
No	Water Exposed Area	PM10 Reduction		PM2.5 Reduction		Frequency (per day)	
No	Unpaved Road Mitigation	Moisture Content %		Vehicle Speed (mph)	0.00		
No	Clean Paved Road	% PM Reduction	0.00				

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Demolition	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Demolition	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Grading	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Grading	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation	Roads	0.00	0.00	0.00	0.00	0.00	0.00

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.18	0.45		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			
No	Neighborhood Enhancements	Improve Pedestrian Network				
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.00			
No	Commute	Implement Trip Reduction Program				
No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"				
No	Commute	Workplace Parking Charge				

No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00			
No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program				
	Commute	Commute Subtotal	0.00			
No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.00			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	50.00
No	Use Low VOC Paint (Residential Exterior)	50.00
No	Use Low VOC Paint (Non-residential Interior)	100.00
No	Use Low VOC Paint (Non-residential Exterior)	100.00
No	Use Low VOC Paint (Parking)	100.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water		
No	Use Grey Water		
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction		
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape		

Solid Waste Mitigation

Mitigation Measures	Input Value
Institute Recycling and Composting Services	
Percent Reduction in Waste Disposed	