
FINAL EIR APPENDIX B
AIR QUALITY WORKSHEETS

LSBUSD - Jordan High School - Phase 1A
South Coast Air Basin, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
High School	70.56	1000sqft	3.20	70,560.00	0
Other Non-Asphalt Surfaces	100.00	1000sqft	2.30	100,000.00	0
Parking Lot	50.00	1000sqft	0.50	50,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	9			Operational Year	2014
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	630.89	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	230.00	87.00
tblConstructionPhase	NumDays	20.00	23.00
tblConstructionPhase	NumDays	20.00	43.00
tblConstructionPhase	NumDays	10.00	20.00
tblGrading	AcresOfGrading	0.00	6.00
tblLandscapeEquipment	NumberSummerDays	250	365
tblLandUse	LotAcreage	1.62	3.20
tblLandUse	LotAcreage	1.15	0.50
tblTripsAndVMT	HaulingTripNumber	72.00	5.00
tblTripsAndVMT	HaulingTripNumber	0.00	5.00
tblTripsAndVMT	HaulingTripNumber	0.00	5.00
tblTripsAndVMT	HaulingTripNumber	0.00	5.00
tblTripsAndVMT	VendorTripNumber	36.00	0.00
tblVehicleTrips	ST_TR	4.37	0.00
tblVehicleTrips	SU_TR	1.79	0.00
tblVehicleTrips	WD_TR	12.89	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					
2014	6.0299	57.8247	44.4480	0.0422	18.5900	3.1413	21.7313	10.0196	2.8900	12.9096	0.0000	4,404.0437	4,404.0437	1.2413	0.0000	4,430.1111
Total	6.0299	57.8247	44.4480	0.0422	18.5900	3.1413	21.7313	10.0196	2.8900	12.9096	0.0000	4,404.0437	4,404.0437	1.2413	0.0000	4,430.1111

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					
2014	6.0264	57.7719	44.4086	0.0422	8.5413	3.1385	11.6798	4.5542	2.8874	7.4416	0.0000	4,400.2309	4,400.2309	1.2402	0.0000	4,426.2746
Total	6.0264	57.7719	44.4086	0.0422	8.5413	3.1385	11.6798	4.5542	2.8874	7.4416	0.0000	4,400.2309	4,400.2309	1.2402	0.0000	4,426.2746

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.0587	0.0914	0.0887	0.0948	54.0540	0.0917	46.2536	54.5467	0.0917	42.3560	0.0000	0.0866	0.0866	0.0910	0.0000	0.0866

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2014	1/31/2014	5	23	
2	Site Preparation	Site Preparation	2/1/2014	2/28/2014	5	20	
3	Paving	Paving	3/1/2014	4/30/2014	5	43	
4	Building Construction	Building Construction	5/1/2014	8/29/2014	5	87	

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	162	0.38
Demolition	Rubber Tired Dozers	2	8.00	255	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	255	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Paving	Pavers	2	8.00	125	0.42
Paving	Paving Equipment	2	8.00	130	0.36
Paving	Rollers	2	8.00	80	0.38
Building Construction	Cranes	1	7.00	226	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	5.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	5.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	5.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	93.00	0.00	5.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2014

Unmitigated Construction On-Site

Acres of Grading: 6

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6756	0.0000	0.6756	0.1023	0.0000	0.1023			0.0000			0.0000
Off-Road	4.5962	49.5429	36.2873	0.0399		2.5270	2.5270		2.3593	2.3593		4,164.0858	4,164.0858	1.1253		4,187.7164
Total	4.5962	49.5429	36.2873	0.0399	0.6756	2.5270	3.2026	0.1023	2.3593	2.4615		4,164.0858	4,164.0858	1.1253		4,187.7164

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0115	0.0776	0.0501	1.6000e-004	3.7900e-003	1.5000e-003	5.2800e-003	1.0400e-003	1.3800e-003	2.4100e-003		16.5493	16.5493	1.4000e-004		16.5523
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3482	0.0965	1.1912	2.1200e-003	0.1677	1.5800e-003	0.1693	0.0445	1.4400e-003	0.0459		190.9339	190.9339	0.0109		191.1619
Total	0.3598	0.1740	1.2414	2.2800e-003	0.1715	3.0800e-003	0.1745	0.0455	2.8200e-003	0.0483		207.4831	207.4831	0.0110		207.7142

3.2 Demolition - 2014

Mitigated Construction On-Site

Acres of Grading: 6

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.3040	0.0000	0.3040	0.0460	0.0000	0.0460			0.0000			0.0000
Off-Road	4.5920	49.4975	36.2540	0.0399		2.5247	2.5247		2.3571	2.3571	0.0000	4,160.2655	4,160.2655	1.1242		4,183.8744
Total	4.5920	49.4975	36.2540	0.0399	0.3040	2.5247	2.8287	0.0460	2.3571	2.4031	0.0000	4,160.2655	4,160.2655	1.1242		4,183.8744

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0115	0.0776	0.0501	1.6000e-004	0.0670	1.5000e-003	0.0685	0.0166	1.3800e-003	0.0179		16.5493	16.5493	1.4000e-004		16.5523
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3482	0.0965	1.1912	2.1200e-003	0.1677	1.5800e-003	0.1693	0.0445	1.4400e-003	0.0459		190.9339	190.9339	0.0109		191.1619
Total	0.3598	0.1740	1.2414	2.2800e-003	0.2347	3.0800e-003	0.2378	0.0610	2.8200e-003	0.0638		207.4831	207.4831	0.0110		207.7142

3.3 Site Preparation - 2014

Unmitigated Construction On-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					18.3844	0.0000	18.3844	9.9650	0.0000	9.9650			0.0000			0.0000
Off-Road	5.2910	57.6198	42.9609	0.0391		3.1377	3.1377		2.8867	2.8867		4,155.8914	4,155.8914	1.2281		4,181.6817
Total	5.2910	57.6198	42.9609	0.0391	18.3844	3.1377	21.5221	9.9650	2.8867	12.8518		4,155.8914	4,155.8914	1.2281		4,181.6817

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0133	0.0892	0.0576	1.9000e-004	4.3500e-003	1.7200e-003	6.0700e-003	1.1900e-003	1.5800e-003	2.7700e-003		19.0317	19.0317	1.6000e-004		19.0351
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.4179	0.1157	1.4295	2.5500e-003	0.2012	1.9000e-003	0.2031	0.0534	1.7300e-003	0.0551		229.1207	229.1207	0.0130		229.3943
Total	0.4311	0.2050	1.4871	2.7400e-003	0.2056	3.6200e-003	0.2092	0.0546	3.3100e-003	0.0579		248.1523	248.1523	0.0132		248.4294

3.3 Site Preparation - 2014

Mitigated Construction On-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					8.2730	0.0000	8.2730	4.4843	0.0000	4.4843			0.0000				0.0000
Off-Road	5.2861	57.5669	42.9215	0.0391		3.1349	3.1349		2.8841	2.8841	0.0000	4,152.0786	4,152.0786	1.2270			4,177.8453
Total	5.2861	57.5669	42.9215	0.0391	8.2730	3.1349	11.4078	4.4843	2.8841	7.3683	0.0000	4,152.0786	4,152.0786	1.2270			4,177.8453

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0133	0.0892	0.0576	1.9000e-004	0.0672	1.7200e-003	0.0689	0.0166	1.5800e-003	0.0182		19.0317	19.0317	1.6000e-004			19.0351
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.4179	0.1157	1.4295	2.5500e-003	0.2012	1.9000e-003	0.2031	0.0534	1.7300e-003	0.0551		229.1207	229.1207	0.0130			229.3943
Total	0.4311	0.2050	1.4871	2.7400e-003	0.2684	3.6200e-003	0.2720	0.0700	3.3100e-003	0.0733		248.1523	248.1523	0.0132			248.4294

3.4 Paving - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.3610	26.0857	14.9649	0.0223		1.4523	1.4523		1.3361	1.3361		2,363.4906	2,363.4906	0.6984			2,378.1578
Paving	0.0305					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Total	2.3914	26.0857	14.9649	0.0223		1.4523	1.4523		1.3361	1.3361		2,363.4906	2,363.4906	0.6984			2,378.1578

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	6.1700e-003	0.0415	0.0268	9.0000e-005	2.0300e-003	8.0000e-004	2.8300e-003	5.5000e-004	7.4000e-004	1.2900e-003		8.8519	8.8519	8.0000e-005			8.8535
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.3482	0.0965	1.1912	2.1200e-003	0.1677	1.5800e-003	0.1693	0.0445	1.4400e-003	0.0459		190.9339	190.9339	0.0109			191.1619
Total	0.3544	0.1379	1.2180	2.2100e-003	0.1697	2.3800e-003	0.1721	0.0450	2.1800e-003	0.0472		199.7858	199.7858	0.0109			200.0154

3.4 Paving - 2014

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.3888	26.0617	14.9512	0.0223		1.4510	1.4510		1.3349	1.3349	0.0000	2,361.3223	2,361.3223	0.6978		2,375.9760
Paving	0.0305					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.3893	26.0617	14.9512	0.0223		1.4510	1.4510		1.3349	1.3349	0.0000	2,361.3223	2,361.3223	0.6978		2,375.9760

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	6.1700e-003	0.0415	0.0268	9.0000e-005	0.0666	8.0000e-004	0.0674	0.0164	7.4000e-004	0.0171		8.8519	8.8519	8.0000e-005		8.8535
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3482	0.0965	1.1912	2.1200e-003	0.1677	1.5800e-003	0.1693	0.0445	1.4400e-003	0.0459		190.9339	190.9339	0.0109		191.1619
Total	0.3544	0.1379	1.2180	2.2100e-003	0.2343	2.3800e-003	0.2366	0.0609	2.1800e-003	0.0631		199.7858	199.7858	0.0109		200.0154

3.5 Building Construction - 2014

Unmitigated Construction On-Site

Acres of Paving: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.8680	31.2537	18.9298	0.0268		2.2280	2.2280		2.0973	2.0973		2,709.1969	2,709.1969	0.6889		2,723.6630
Total	3.8680	31.2537	18.9298	0.0268		2.2280	2.2280		2.0973	2.0973		2,709.1969	2,709.1969	0.6889		2,723.6630

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.0500e-003	0.0205	0.0133	4.0000e-005	1.0000e-003	4.0000e-004	1.4000e-003	2.7000e-004	3.6000e-004	6.4000e-004		4.3751	4.3751	4.0000e-005		4.3759
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.1589	0.5980	7.3857	0.0132	1.0395	9.8000e-003	1.0493	0.2757	8.9600e-003	0.2846		1,183.7901	1,183.7901	0.0673		1,185.2039
Total	2.1620	0.6185	7.3989	0.0132	1.0405	0.0102	1.0507	0.2760	9.3200e-003	0.2853		1,188.1652	1,188.1652	0.0674		1,189.5797

3.5 Building Construction - 2014

Mitigated Construction On-Site

Acres of Paving: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.8644	31.2250	18.9125	0.0268		2.2259	2.2259		2.0954	2.0954	0.0000	2,706.7114	2,706.7114	0.6882		2,721.1642
Total	3.8644	31.2250	18.9125	0.0268		2.2259	2.2259		2.0954	2.0954	0.0000	2,706.7114	2,706.7114	0.6882		2,721.1642

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.0500e-003	0.0205	0.0133	4.0000e-005	0.0664	4.0000e-004	0.0667	0.0163	3.6000e-004	0.0167		4.3751	4.3751	4.0000e-005		4.3759
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.1589	0.5980	7.3857	0.0132	1.0395	9.8000e-003	1.0483	0.2757	8.9600e-003	0.2846		1,183.7901	1,183.7901	0.0673		1,185.2039
Total	2.1620	0.6185	7.3989	0.0132	1.1059	0.0102	1.1161	0.2920	9.3200e-003	0.3013		1,188.1652	1,188.1652	0.0674		1,189.5797

LSBUSD - Jordan High School - Phase 1B

South Coast Air Basin, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
High School	144.39	1000sqft	3.70	144,390.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	9	Operational Year		2016	
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	630.89	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	18.00	427.00
tblConstructionPhase	NumDays	230.00	427.00
tblConstructionPhase	NumDays	20.00	25.00
tblConstructionPhase	NumDays	18.00	20.00
tblConstructionPhase	NumDays	5.00	51.00
tblConstructionPhase	PhaseEndDate	2/19/2018	6/30/2016
tblConstructionPhase	PhaseStartDate	7/1/2016	11/12/2014
tblGrading	AcresOfGrading	0.00	3.70
tblLandscapeEquipment	NumberSummerDays	250	365
tblLandUse	LotAcreage	3.31	3.70
tblProjectCharacteristics	OperationalYear	2014	2016
tblTripsAndVMT	HaulingTripNumber	267.00	6.10
tblTripsAndVMT	HaulingTripNumber	0.00	6.10
tblTripsAndVMT	HaulingTripNumber	0.00	6.10
tblTripsAndVMT	HaulingTripNumber	0.00	6.10
tblTripsAndVMT	HaulingTripNumber	0.00	6.10
tblTripsAndVMT	VendorTripNumber	24.00	0.00
tblVehicleTrips	ST_TR	4.37	0.00
tblVehicleTrips	SU_TR	1.79	0.00
tblVehicleTrips	WD_TR	12.89	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

Year	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
2014	13.8472	57.7845	44.4220	0.0422	18.3466	3.1406	21.4871	9.9930	2.8893	12.8823	0.0000	4,395.4608	4,395.4608	1.2412	0.0000	4,421.5267
2015	13.4775	33.0319	25.8823	0.0402	0.8167	2.3450	3.1617	0.2166	2.2180	2.4346	0.0000	3,872.8753	3,872.8753	0.7599	0.0000	3,888.8325
2016	13.0790	31.2677	25.1320	0.0402	0.8174	2.1710	2.9883	0.2168	2.0515	2.2682	0.0000	3,821.5692	3,821.5692	0.7398	0.0000	3,837.1039
Total	40.4037	122.0841	95.4363	0.1226	19.9806	7.6565	27.6371	10.4263	7.1588	17.5851	0.0000	12,089.9053	12,089.9053	2.7409	0.0000	12,147.4630

Mitigated Construction

Year	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
2014	13.8432	57.7316	44.3826	0.0422	8.4469	3.1377	11.5846	4.5459	2.8867	7.4326	0.0000	4,391.6480	4,391.6480	1.2401	0.0000	4,417.6902
2015	13.4738	33.0020	25.8634	0.0401	0.9774	2.3428	3.3202	0.2560	2.2160	2.4720	0.0000	3,870.1496	3,870.1496	0.7592	0.0000	3,886.0931
2016	13.0755	31.2394	25.1133	0.0401	0.9774	2.1690	3.1464	0.2560	2.0496	2.3056	0.0000	3,818.8621	3,818.8621	0.7391	0.0000	3,834.3833
Total	40.3925	121.9730	95.3592	0.1225	10.4017	7.6495	18.0512	5.0580	7.1523	12.2102	0.0000	12,080.6596	12,080.6596	2.7384	0.0000	12,138.1666

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.0276	0.0910	0.0807	0.0816	47.9413	0.0914	34.6851	51.4882	0.0915	30.5649	0.0000	0.0765	0.0765	0.0887	0.0000	0.0765

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	7/1/2014	8/4/2014	5	25	
2	Site Preparation	Site Preparation	8/5/2014	10/14/2014	5	51	
3	Paving	Paving	10/15/2014	11/11/2014	5	20	
4	Building Construction	Building Construction	11/12/2014	6/30/2016	5	427	
5	Architectural Coating	Architectural Coating	11/12/2014	6/30/2016	5	427	

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	162	0.38
Demolition	Rubber Tired Dozers	2	8.00	255	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	255	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Building Construction	Cranes	1	7.00	226	0.29
Building Construction	Forklifts	3	8.00	80	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Cement and Mortar Mixers	2	6.00	9	0.56
Paving	Pavers	1	8.00	125	0.42
Paving	Paving Equipment	2	6.00	130	0.36
Paving	Rollers	2	6.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	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	6	15.00	0.00	6.10	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	6.10	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	61.00	0.00	6.10	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	20.00	0.00	6.10	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	12.00	0.00	6.10	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2014

Unmitigated Construction On-Site

Acres of Grading: 3.7

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					2.3128	0.0000	2.3128	0.3502	0.0000	0.3502			0.0000			0.0000
Off-Road	4.5962	49.5429	36.2873	0.0399		2.5270	2.5270		2.3593	2.3593		4,164.0858	4,164.0858	1.1253		4,187.7164
Total	4.5962	49.5429	36.2873	0.0399	2.3128	2.5270	4.8398	0.3502	2.3593	2.7094		4,164.0858	4,164.0858	1.1253		4,187.7164

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0149	0.0999	0.0645	2.1000e-004	4.4000e-003	1.9300e-003	6.3300e-003	1.2200e-003	1.7700e-003	2.9900e-003		21.3154	21.3154	1.8000e-004		21.3193
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3482	0.0965	1.1912	2.1200e-003	0.1677	1.5800e-003	0.1693	0.0445	1.4400e-003	0.0459		190.9339	190.9339	0.0109		191.1619
Total	0.3631	0.1964	1.2558	2.3300e-003	0.1721	3.5100e-003	0.1756	0.0457	3.2100e-003	0.0489		212.2493	212.2493	0.0110		212.4812

3.2 Demolition - 2014

Mitigated Construction On-Site

Acres of Grading: 3.7

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					1.0407	0.0000	1.0407	0.1576	0.0000	0.1576			0.0000			0.0000
Off-Road	4.5920	49.4975	36.2540	0.0399		2.5247	2.5247		2.3571	2.3571	0.0000	4,160.2655	4,160.2655	1.1242		4,183.8744
Total	4.5920	49.4975	36.2540	0.0399	1.0407	2.5247	3.5655	0.1576	2.3571	2.5147	0.0000	4,160.2655	4,160.2655	1.1242		4,183.8744

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0149	0.0999	0.0645	2.1000e-004	0.0818	1.9300e-003	0.0838	0.0202	1.7700e-003	0.0220		21.3154	21.3154	1.8000e-004		21.3193
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3482	0.0965	1.1912	2.1200e-003	0.1677	1.5800e-003	0.1693	0.0445	1.4400e-003	0.0459		190.9339	190.9339	0.0109		191.1619
Total	0.3631	0.1964	1.2558	2.3300e-003	0.2495	3.5100e-003	0.2530	0.0647	3.2100e-003	0.0679		212.2493	212.2493	0.0110		212.4812

3.3 Site Preparation - 2014

Unmitigated Construction On-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					18.1432	0.0000	18.1432	9.9390	0.0000	9.9390			0.0000				0.0000
Off-Road	5.2910	57.6198	42.9609	0.0391		3.1377	3.1377		2.8867	2.8867		4,155.8914	4,155.8914	1.2281			4,181.6817
Total	5.2910	57.6198	42.9609	0.0391	18.1432	3.1377	21.2809	9.9390	2.8867	12.8257		4,155.8914	4,155.8914	1.2281			4,181.6817

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	7.2900e-003	0.0490	0.0316	1.0000e-004	2.1600e-003	9.4000e-004	3.1000e-003	6.0000e-004	8.7000e-004	1.4700e-003		10.4488	10.4488	9.0000e-005			10.4506
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.4179	0.1157	1.4295	2.5500e-003	0.2012	1.9000e-003	0.2031	0.0534	1.7300e-003	0.0551		229.1207	229.1207	0.0130			229.3943
Total	0.4252	0.1647	1.4611	2.6500e-003	0.2034	2.8400e-003	0.2062	0.0540	2.6000e-003	0.0566		239.5694	239.5694	0.0131			239.8449

3.3 Site Preparation - 2014

Mitigated Construction On-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					8.1644	0.0000	8.1644	4.4726	0.0000	4.4726			0.0000				0.0000
Off-Road	5.2861	57.5669	42.9215	0.0391		3.1349	3.1349		2.8841	2.8841	0.0000	4,152.0786	4,152.0786	1.2270			4,177.8453
Total	5.2861	57.5669	42.9215	0.0391	8.1644	3.1349	11.2993	4.4726	2.8841	7.3566	0.0000	4,152.0786	4,152.0786	1.2270			4,177.8453

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	7.2900e-003	0.0490	0.0316	1.0000e-004	0.0812	9.4000e-004	0.0822	0.0200	8.7000e-004	0.0209		10.4488	10.4488	9.0000e-005			10.4506
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.4179	0.1157	1.4295	2.5500e-003	0.2012	1.9000e-003	0.2031	0.0534	1.7300e-003	0.0551		229.1207	229.1207	0.0130			229.3943
Total	0.4252	0.1647	1.4611	2.6500e-003	0.2824	2.8400e-003	0.2853	0.0734	2.6000e-003	0.0760		239.5694	239.5694	0.0131			239.8449

3.4 Paving - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.9954	20.9999	12.6669	0.0186		1.2575	1.2575		1.1588	1.1588		1,940.2197	1,940.2197	0.5590		1,951.9579
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.9954	20.9999	12.6669	0.0186		1.2575	1.2575		1.1588	1.1588		1,940.2197	1,940.2197	0.5590		1,951.9579

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0186	0.1249	0.0807	2.6000e-004	5.5000e-003	2.4100e-003	7.9100e-003	1.5200e-003	2.2200e-003	3.7400e-003		26.6443	26.6443	2.3000e-004		26.6491
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.4643	0.1286	1.5883	2.8300e-003	0.2236	2.1100e-003	0.2257	0.0593	1.9300e-003	0.0612		254.5785	254.5785	0.0145		254.8826
Total	0.4829	0.2535	1.6690	3.0900e-003	0.2291	4.5200e-003	0.2336	0.0608	4.1500e-003	0.0650		281.2228	281.2228	0.0147		281.5317

3.4 Paving - 2014

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.9936	20.9807	12.6552	0.0186		1.2564	1.2564		1.1577	1.1577	0.0000	1,938.4396	1,938.4396	0.5585		1,950.1671
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.9936	20.9807	12.6552	0.0186		1.2564	1.2564		1.1577	1.1577	0.0000	1,938.4396	1,938.4396	0.5585		1,950.1671

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0186	0.1249	0.0807	2.6000e-004	0.0821	2.4100e-003	0.0845	0.0203	2.2200e-003	0.0225		26.6443	26.6443	2.3000e-004		26.6491
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.4643	0.1286	1.5883	2.8300e-003	0.2236	2.1100e-003	0.2257	0.0593	1.9300e-003	0.0612		254.5785	254.5785	0.0145		254.8826
Total	0.4829	0.2535	1.6690	3.0900e-003	0.3057	4.5200e-003	0.3102	0.0796	4.1500e-003	0.0838		281.2228	281.2228	0.0147		281.5317

3.5 Building Construction - 2014

Unmitigated Construction On-Site

Acres of Paving: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	3.8680	31.2537	18.9298	0.0268		2.2280	2.2280		2.0973	2.0973		2,709.1969	2,709.1969	0.6889			2,723.6630
Total	3.8680	31.2537	18.9298	0.0268		2.2280	2.2280		2.0973	2.0973		2,709.1969	2,709.1969	0.6889			2,723.6630

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.7000e-004	5.8500e-003	3.7800e-003	1.0000e-005	2.3100e-003	1.1000e-004	2.4200e-003	5.7000e-004	1.0000e-004	6.8000e-004		1.2480	1.2480	1.0000e-005		1.2482
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.4161	0.3922	4.8444	8.6400e-003	0.6818	6.4300e-003	0.6883	0.1808	5.9800e-003	0.1887		776.4645	776.4645	0.0442		777.3918
Total	1.4169	0.3981	4.8482	8.6500e-003	0.6842	6.5400e-003	0.6907	0.1814	5.9800e-003	0.1874		777.7124	777.7124	0.0442		778.6400

3.5 Building Construction - 2014

Mitigated Construction On-Site

Acres of Paving: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.8644	31.2250	18.9125	0.0268		2.2259	2.2259		2.0954	2.0954	0.0000	2,706.7114	2,706.7114	0.6882		2,721.1642
Total	3.8644	31.2250	18.9125	0.0268		2.2259	2.2259		2.0954	2.0954	0.0000	2,706.7114	2,706.7114	0.6882		2,721.1642

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.7000e-004	5.8500e-003	3.7800e-003	1.0000e-005	0.0807	1.1000e-004	0.0808	0.0198	1.0000e-004	0.0199		1.2480	1.2480	1.0000e-005		1.2482
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.4161	0.3922	4.8444	8.6400e-003	0.6818	6.4300e-003	0.6883	0.1808	5.9800e-003	0.1887		776.4645	776.4645	0.0442		777.3918
Total	1.4169	0.3981	4.8482	8.6500e-003	0.7626	6.5400e-003	0.7691	0.2007	5.9800e-003	0.2066		777.7124	777.7124	0.0442		778.6400

3.5 Building Construction - 2015

Unmitigated Construction On-Site

Acres of Paving: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.6591	30.0299	18.7446	0.0268		2.1167	2.1167		1.9904	1.9904		2,689.577 1	2,689.577 1	0.6748		2,703.748 3
Total	3.6591	30.0299	18.7446	0.0268		2.1167	2.1167		1.9904	1.9904		2,689.577 1	2,689.577 1	0.6748		2,703.748 3

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	7.1000e-004	5.1400e-003	3.4500e-003	1.0000e-005	3.8000e-004	9.0000e-005	4.7000e-004	1.0000e-004	8.0000e-005	1.8000e-004		1.2335	1.2335	1.0000e-005		1.2337
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.3151	0.3521	4.3695	8.6400e-003	0.6818	6.0900e-003	0.6878	0.1808	5.5000e-003	0.1863		751.5393	751.5393	0.0404		752.3883
Total	1.3158	0.3572	4.3730	8.6500e-003	0.6822	6.0900e-003	0.6883	0.1809	5.5800e-003	0.1865		752.7728	752.7728	0.0404		753.6220

3.5 Building Construction - 2015

Mitigated Construction On-Site

Acres of Paving: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.6557	30.0024	18.7274	0.0268		2.1148	2.1148		1.9886	1.9886	0.0000	2,687.109 6	2,687.109 6	0.6742		2,701.267 8
Total	3.6557	30.0024	18.7274	0.0268		2.1148	2.1148		1.9886	1.9886	0.0000	2,687.109 6	2,687.109 6	0.6742		2,701.267 8

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	7.1000e-004	5.1400e-003	3.4500e-003	1.0000e-005	0.0807	9.0000e-005	0.0808	0.0198	8.0000e-005	0.0199		1.2335	1.2335	1.0000e-005		1.2337
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.3151	0.3521	4.3695	8.6400e-003	0.6818	6.0900e-003	0.6878	0.1808	5.5000e-003	0.1863		751.5393	751.5393	0.0404		752.3883
Total	1.3158	0.3572	4.3730	8.6500e-003	0.7626	6.0900e-003	0.7687	0.2007	5.5800e-003	0.2062		752.7728	752.7728	0.0404		753.6220

3.5 Building Construction - 2016

Unmitigated Construction On-Site

Acres of Paving: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485		2,669.2864	2,669.2864	0.6620		2,683.1890
Total	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485		2,669.2864	2,669.2864	0.6620		2,683.1890

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	6.0000e-004	4.5400e-003	3.1900e-003	1.0000e-005	6.9000e-004	7.0000e-005	7.6000e-004	1.8000e-004	6.0000e-005	2.4000e-004		1.2198	1.2198	1.0000e-005		1.2199
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.2254	0.3176	3.9567	8.6400e-003	0.6818	5.7000e-003	0.6875	0.1808	5.2400e-003	0.1861		725.6454	725.6454	0.0372		726.4266
Total	1.2260	0.3221	3.9599	8.6500e-003	0.6825	5.7700e-003	0.6883	0.1810	5.3000e-003	0.1863		726.8651	726.8651	0.0372		727.6465

3.5 Building Construction - 2016

Mitigated Construction On-Site

Acres of Paving: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4031	28.4802	18.4897	0.0268		1.9656	1.9656		1.8468	1.8468	0.0000	2,666.8375	2,666.8375	0.6614		2,680.7273
Total	3.4031	28.4802	18.4897	0.0268		1.9656	1.9656		1.8468	1.8468	0.0000	2,666.8375	2,666.8375	0.6614		2,680.7273

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	6.0000e-004	4.5400e-003	3.1900e-003	1.0000e-005	0.0807	7.0000e-005	0.0808	0.0198	6.0000e-005	0.0199		1.2198	1.2198	1.0000e-005		1.2199
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.2254	0.3176	3.9567	8.6400e-003	0.6818	5.7000e-003	0.6875	0.1808	5.2400e-003	0.1861		725.6454	725.6454	0.0372		726.4266
Total	1.2260	0.3221	3.9599	8.6500e-003	0.7626	5.7700e-003	0.7683	0.2007	5.3000e-003	0.2060		726.8651	726.8651	0.0372		727.6465

3.6 Architectural Coating - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	7.8366					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4462	2.7773	1.9216	2.9700e-003		0.2452	0.2452		0.2452	0.2452		281.4481	281.4481	0.0401		282.2905
Total	8.2828	2.7773	1.9216	2.9700e-003		0.2452	0.2452		0.2452	0.2452		281.4481	281.4481	0.0401		282.2905

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.7000e-004	5.8500e-003	3.7800e-003	1.0000e-005	2.3100e-003	1.1000e-004	2.4200e-003	5.7000e-004	1.0000e-004	6.8000e-004		1.2480	1.2480	1.0000e-005		1.2482
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2786	0.0772	0.9530	1.7000e-003	0.1341	1.2600e-003	0.1354	0.0356	1.1600e-003	0.0367		152.7471	152.7471	8.6900e-003		152.9295
Total	0.2794	0.0830	0.9568	1.7100e-003	0.1364	1.3700e-003	0.1378	0.0361	1.2600e-003	0.0374		153.9951	153.9951	8.7000e-003		154.1777

3.6 Architectural Coating - 2014

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	7.8366					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4458	2.7748	1.9198	2.9700e-003		0.2449	0.2449		0.2449	0.2449	0.0000	281.1898	281.1898	0.0401		282.0315
Total	8.2824	2.7748	1.9198	2.9700e-003		0.2449	0.2449		0.2449	0.2449	0.0000	281.1898	281.1898	0.0401		282.0315

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.7000e-004	5.8500e-003	3.7800e-003	1.0000e-005	0.0807	1.1000e-004	0.0808	0.0198	1.0000e-004	0.0199		1.2480	1.2480	1.0000e-005		1.2482
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2786	0.0772	0.9530	1.7000e-003	0.1341	1.2600e-003	0.1354	0.0356	1.1600e-003	0.0367		152.7471	152.7471	8.6900e-003		152.9295
Total	0.2794	0.0830	0.9568	1.7100e-003	0.2149	1.3700e-003	0.2162	0.0554	1.2600e-003	0.0567		153.9951	153.9951	8.7000e-003		154.1777

3.6 Architectural Coating - 2015

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	7.8366					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4066	2.5703	1.9018	2.9700e-003		0.2209	0.2209		0.2209	0.2209		281.4481	281.4481	0.0367		282.2177
Total	8.2432	2.5703	1.9018	2.9700e-003		0.2209	0.2209		0.2209	0.2209		281.4481	281.4481	0.0367		282.2177

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	7.1000e-004	5.1400e-003	3.4500e-003	1.0000e-005	3.8000e-004	9.0000e-005	4.7000e-004	1.0000e-004	8.0000e-005	1.8000e-004		1.2335	1.2335	1.0000e-005		1.2337
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2587	0.0693	0.8596	1.7000e-003	0.1341	1.1800e-003	0.1353	0.0356	1.0800e-003	0.0367		147.8438	147.8438	7.9500e-003		148.0108
Total	0.2594	0.0744	0.8630	1.7100e-003	0.1345	1.2700e-003	0.1358	0.0357	1.1600e-003	0.0368		149.0773	149.0773	7.9600e-003		149.2445

3.6 Architectural Coating - 2015

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	7.8366					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4062	2.5680	1.9000	2.9700e-003		0.2207	0.2207		0.2207	0.2207	0.0000	281.1898	281.1898	0.0366		281.9587
Total	8.2428	2.5680	1.9000	2.9700e-003		0.2207	0.2207		0.2207	0.2207	0.0000	281.1898	281.1898	0.0366		281.9587

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	7.1000e-004	5.1400e-003	3.4500e-003	1.0000e-005	0.0807	9.0000e-005	0.0808	0.0198	8.0000e-005	0.0199		1.2335	1.2335	1.0000e-005		1.2337
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2587	0.0693	0.8596	1.7000e-003	0.1341	1.1800e-003	0.1353	0.0356	1.0800e-003	0.0367		147.8438	147.8438	7.9500e-003		148.0108
Total	0.2594	0.0744	0.8630	1.7100e-003	0.2149	1.2700e-003	0.2161	0.0554	1.1600e-003	0.0566		149.0773	149.0773	7.9600e-003		149.2445

3.6 Architectural Coating - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	7.8366					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3685	2.3722	1.8839	2.9700e-003		0.1966	0.1966		0.1966	0.1966		281.4481	281.4481	0.0332		282.1449
Total	8.2051	2.3722	1.8839	2.9700e-003		0.1966	0.1966		0.1966	0.1966		281.4481	281.4481	0.0332		282.1449

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	6.0000e-004	4.5400e-003	3.1900e-003	1.0000e-005	6.9000e-004	7.0000e-005	7.6000e-004	1.8000e-004	6.0000e-005	2.4000e-004		1.2198	1.2198	1.0000e-005		1.2199
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2411	0.0625	0.7784	1.7000e-003	0.1341	1.1200e-003	0.1353	0.0356	1.0300e-003	0.0366		142.7499	142.7499	7.3200e-003		142.9036
Total	0.2417	0.0670	0.7816	1.7100e-003	0.1348	1.1900e-003	0.1360	0.0358	1.0900e-003	0.0368		143.9697	143.9697	7.3300e-003		144.1235

3.6 Architectural Coating - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	7.8366					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3681	2.3701	1.8822	2.9700e-003		0.1964	0.1964		0.1964	0.1964	0.0000	281.1898	281.1898	0.0332		281.8860
Total	8.2048	2.3701	1.8822	2.9700e-003		0.1964	0.1964		0.1964	0.1964	0.0000	281.1898	281.1898	0.0332		281.8860

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	6.0000e-004	4.5400e-003	3.1900e-003	1.0000e-005	0.0807	7.0000e-005	0.0808	0.0198	6.0000e-005	0.0199		1.2198	1.2198	1.0000e-005		1.2199
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2411	0.0625	0.7784	1.7000e-003	0.1341	1.1200e-003	0.1353	0.0356	1.0300e-003	0.0366		142.7499	142.7499	7.3200e-003		142.9036
Total	0.2417	0.0670	0.7816	1.7100e-003	0.2149	1.1900e-003	0.2160	0.0554	1.0900e-003	0.0565		143.9697	143.9697	7.3300e-003		144.1235

LSBUSD - Jordan High School - Phase 1C
South Coast Air Basin, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
High School	33.61	1000sqft	1.68	33,610.00	0
Parking Lot	91.00	Space	0.82	36,400.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	9			Operational Year	2016
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	630.89	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	10.00	425.00
tblConstructionPhase	NumDays	220.00	425.00
tblConstructionPhase	NumDays	20.00	25.00
tblConstructionPhase	NumDays	10.00	20.00
tblConstructionPhase	NumDays	3.00	51.00
tblConstructionPhase	PhaseEndDate	2/14/2020	6/29/2018
tblConstructionPhase	PhaseEndDate	10/14/2016	10/15/2016
tblConstructionPhase	PhaseStartDate	6/30/2018	11/12/2016
tblGrading	AcresOfGrading	76.50	2.50
tblLandscapeEquipment	NumberSummerDays	250	365
tblLandUse	LotAcreage	0.77	1.68
tblOffRoadEquipment	LoadFactor	0.50	0.50
tblOffRoadEquipment	OffRoadEquipmentType		Bore/Drill Rigs
tblProjectCharacteristics	OperationalYear	2014	2016
tblTripsAndVMT	HaulingTripNumber	80.00	6.10
tblTripsAndVMT	HaulingTripNumber	0.00	6.10
tblTripsAndVMT	HaulingTripNumber	0.00	6.10
tblTripsAndVMT	HaulingTripNumber	0.00	6.10
tblTripsAndVMT	HaulingTripNumber	0.00	6.10
tblTripsAndVMT	VendorTripNumber	11.00	0.00
tblVehicleTrips	ST_TR	4.37	0.00
tblVehicleTrips	SU_TR	1.79	0.00
tblVehicleTrips	WD_TR	12.89	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2016	7.3631	37.7409	24.9940	0.0504	0.8382	2.1353	2.5851	0.1440	2.0414	2.1463	0.0000	4,877.0386	4,877.0386	1.1469	0.0000	4,901.1232
2017	6.8372	34.3787	24.1827	0.0504	0.3920	1.9021	2.2940	0.1040	1.8185	1.9224	0.0000	4,814.6588	4,814.6588	1.1185	0.0000	4,838.1474
2018	6.2630	30.5464	23.2907	0.0504	0.3926	1.6259	2.0185	0.1041	1.5561	1.6602	0.0000	4,747.2766	4,747.2766	1.0912	0.0000	4,770.1910
Total	20.4633	102.6660	72.4674	0.1512	1.6228	5.6633	6.8977	0.3521	5.4160	5.7290	0.0000	14,438.9739	14,438.9739	3.3566	0.0000	14,509.4616

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2016	7.3588	37.7064	24.9732	0.0504	0.5527	2.1334	2.6860	0.1434	2.0395	2.1829	0.0000	4,872.9484	4,872.9484	1.1459	0.0000	4,897.0113
2017	6.8333	34.3473	24.1624	0.0504	0.5527	1.9003	2.4530	0.1434	1.8168	1.9602	0.0000	4,810.6111	4,810.6111	1.1175	0.0000	4,834.0787
2018	6.2596	30.5185	23.2710	0.0503	0.5527	1.6244	2.1771	0.1434	1.5547	1.6981	0.0000	4,743.2771	4,743.2771	1.0902	0.0000	4,766.1708
Total	20.4516	102.5722	72.4066	0.1511	1.6580	5.6581	7.3161	0.4302	5.4110	5.8412	0.0000	14,426.8366	14,426.8366	3.3535	0.0000	14,497.2608

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.0574	0.0913	0.0839	0.0794	-2.1692	0.0915	-6.0658	-22.1866	0.0916	-1.9590	0.0000	0.0841	0.0841	0.0903	0.0000	0.0841

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	7/1/2016	8/4/2016	5	25	
2	Site Preparation	Site Preparation	8/5/2016	10/15/2016	5	51	
3	Paving	Paving	10/16/2016	11/11/2016	5	20	
4	Building Construction	Building Construction	11/12/2016	6/29/2018	5	425	
5	Architectural Coating	Architectural Coating	11/12/2016	6/29/2018	5	425	

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	8.00	255	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site Preparation	Graders	1	8.00	174	0.41
Site Preparation	Scrapers	1	8.00	361	0.48
Site Preparation	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Building Construction	Cranes	1	8.00	226	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Pavers	1	8.00	125	0.42
Paving	Paving Equipment	1	8.00	130	0.36
Paving	Rollers	2	8.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48
Building Construction	Bore/Drill Rigs	2	8.00	205	0.50

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	5	13.00	0.00	6.10	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	6.10	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	10	29.00	0.00	6.10	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	6.10	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	6.00	0.00	6.10	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2016

Unmitigated Construction On-Site

Acres of Grading: 2.5

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6885	0.0000	0.6885	0.1042	0.0000	0.1042			0.0000			0.0000
Off-Road	2.9066	28.2579	21.4980	0.0245		1.7445	1.7445		1.6328	1.6328		2,487.1296	2,487.1296	0.6288		2,500.3343
Total	2.9066	28.2579	21.4980	0.0245	0.6885	1.7445	2.4330	0.1042	1.6328	1.7370		2,487.1296	2,487.1296	0.6288		2,500.3343

3.2 Demolition - 2016

Unmitigated Construction Off-Site

Acres of Grading: 2.5

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0102	0.0775	0.0545	2.1000e-004	4.4000e-003	1.2000e-003	5.6000e-003	1.2200e-003	1.1000e-003	2.3200e-003		20.8333	20.8333	1.5000e-004			20.8364
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.2612	0.0677	0.8432	1.8400e-003	0.1453	1.2100e-003	0.1465	0.0385	1.1200e-003	0.0397		154.6457	154.6457	7.9300e-003			154.8122
Total	0.2713	0.1452	0.8977	2.0500e-003	0.1497	2.4100e-003	0.1521	0.0398	2.2200e-003	0.0420		175.4790	175.4790	8.0800e-003			175.6487

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.3098	0.0000	0.3098	0.0469	0.0000	0.0469			0.0000			0.0000	
Off-Road	2.9039	28.2320	21.4783	0.0245		1.7429	1.7429		1.6313	1.6313	0.0000	2,484.8478	2,484.8478	0.6282			2,498.0404
Total	2.9039	28.2320	21.4783	0.0245	0.3098	1.7429	2.0527	0.0469	1.6313	1.6782	0.0000	2,484.8478	2,484.8478	0.6282			2,498.0404

3.2 Demolition - 2016

Mitigated Construction Off-Site

Acres of Grading: 2.5

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0102	0.0775	0.0545	2.1000e-004	0.0818	1.2000e-003	0.0830	0.0202	1.1000e-003	0.0213		20.8333	20.8333	1.5000e-004			20.8364
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.2612	0.0677	0.8432	1.8400e-003	0.1453	1.2100e-003	0.1465	0.0385	1.1200e-003	0.0397		154.6457	154.6457	7.9300e-003			154.8122
Total	0.2713	0.1452	0.8977	2.0500e-003	0.2271	2.4100e-003	0.2295	0.0588	2.2200e-003	0.0610		175.4790	175.4790	8.0800e-003			175.6487

3.3 Site Preparation - 2016

Unmitigated Construction On-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0520	0.0000	0.0520	5.6100e-003	0.0000	5.6100e-003			0.0000			0.0000	
Off-Road	2.6992	30.8238	18.0600	0.0239		1.5116	1.5116		1.3907	1.3907		2,480.1000	2,480.1000	0.7481			2,495.8099
Total	2.6992	30.8238	18.0600	0.0239	0.0520	1.5116	1.5636	5.6100e-003	1.3907	1.3963		2,480.1000	2,480.1000	0.7481			2,495.8099

3.3 Site Preparation - 2016

Unmitigated Construction Off-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.9800e-003	0.0380	0.0267	1.0000e-004	2.1600e-003	5.9000e-004	2.7500e-003	6.0000e-004	5.4000e-004	1.1400e-003		10.2124	10.2124	7.0000e-005		10.2139
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1607	0.0417	0.5189	1.1300e-003	0.0894	7.5000e-004	0.0902	0.0237	6.9000e-004	0.0244		95.1666	95.1666	4.8800e-003		95.2691
Total	0.1657	0.0796	0.5456	1.2300e-003	0.0916	1.3400e-003	0.0929	0.0243	1.2300e-003	0.0255		105.3790	105.3790	4.9500e-003		105.4830

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0234	0.0000	0.0234	2.5300e-003	0.0000	2.5300e-003			0.0000			0.0000
Off-Road	2.6967	30.7955	18.0434	0.0238		1.5103	1.5103		1.3894	1.3894	0.0000	2,477.8247	2,477.8247	0.7474		2,493.5201
Total	2.6967	30.7955	18.0434	0.0238	0.0234	1.5103	1.5336	2.5300e-003	1.3894	1.3920	0.0000	2,477.8247	2,477.8247	0.7474		2,493.5201

3.3 Site Preparation - 2016

Mitigated Construction Off-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.9800e-003	0.0380	0.0267	1.0000e-004	0.0812	5.9000e-004	0.0818	0.0200	5.4000e-004	0.0206		10.2124	10.2124	7.0000e-005		10.2139
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1607	0.0417	0.5189	1.1300e-003	0.0894	7.5000e-004	0.0902	0.0237	6.9000e-004	0.0244		95.1666	95.1666	4.8800e-003		95.2691
Total	0.1657	0.0796	0.5456	1.2300e-003	0.1707	1.3400e-003	0.1720	0.0437	1.2300e-003	0.0450		105.3790	105.3790	4.9500e-003		105.4830

3.4 Paving - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7811	17.9300	12.1433	0.0176		1.1252	1.1252		1.0363	1.0363		1,804.8600	1,804.8600	0.5344		1,816.0828
Paving	0.1074					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.8886	17.9300	12.1433	0.0176		1.1252	1.1252		1.0363	1.0363		1,804.8600	1,804.8600	0.5344		1,816.0828

3.4 Paving - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0127	0.0969	0.0681	2.6000e-004	5.5000e-003	1.5000e-003	7.0000e-003	1.5200e-003	1.3800e-003	2.9000e-003		26.0416	26.0416	1.9000e-004			26.0455
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.3013	0.0781	0.9730	2.1200e-003	0.1677	1.4000e-003	0.1691	0.0445	1.2900e-003	0.0458		178.4374	178.4374	9.1500e-003			178.6295
Total	0.3140	0.1750	1.0411	2.3800e-003	0.1732	2.9000e-003	0.1761	0.0460	2.6700e-003	0.0487		204.4790	204.4790	9.3400e-003			204.6750

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.7795	17.9135	12.1322	0.0176		1.1241	1.1241		1.0354	1.0354	0.0000	1,803.2041	1,803.2041	0.5339			1,814.4166
Paving	0.1074					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Total	1.8869	17.9135	12.1322	0.0176		1.1241	1.1241		1.0354	1.0354	0.0000	1,803.2041	1,803.2041	0.5339			1,814.4166

3.4 Paving - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0127	0.0969	0.0681	2.6000e-004	0.0821	1.5000e-003	0.0836	0.0203	1.3800e-003	0.0217		26.0416	26.0416	1.9000e-004			26.0455
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.3013	0.0781	0.9730	2.1200e-003	0.1677	1.4000e-003	0.1691	0.0445	1.2900e-003	0.0458		178.4374	178.4374	9.1500e-003			178.6295
Total	0.3140	0.1750	1.0411	2.3800e-003	0.2498	2.9000e-003	0.2527	0.0648	2.6700e-003	0.0675		204.4790	204.4790	9.3400e-003			204.6750

3.5 Building Construction - 2016

Unmitigated Construction On-Site

Acres of Paving: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	4.3981	35.1773	20.8335	0.0425		1.9353	1.9353		1.8417	1.8417		4,176.7856	4,176.7856	1.0923			4,199.7248
Total	4.3981	35.1773	20.8335	0.0425		1.9353	1.9353		1.8417	1.8417		4,176.7856	4,176.7856	1.0923			4,199.7248

3.5 Building Construction - 2016

Unmitigated Construction Off-Site

Acres of Paving: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	6.0000e-004	4.5600e-003	3.2000e-003	1.0000e-005	2.3700e-003	7.0000e-005	2.4400e-003	5.9000e-004	6.0000e-005	6.6000e-004		1.2255	1.2255	1.0000e-005		1.2257
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.5828	0.1510	1.8810	4.1100e-003	0.3242	2.7100e-003	0.3269	0.0860	2.4900e-003	0.0885		344.9789	344.9789	0.0177		345.3503
Total	0.5832	0.1556	1.8842	4.1200e-003	0.3265	2.7800e-003	0.3293	0.0866	2.5500e-003	0.0891		346.2044	346.2044	0.0177		346.5760

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.3941	35.1450	20.8144	0.0424		1.9335	1.9335		1.8400	1.8400	0.0000	4,172.9537	4,172.9537	1.0913		4,195.8718
Total	4.3941	35.1450	20.8144	0.0424		1.9335	1.9335		1.8400	1.8400	0.0000	4,172.9537	4,172.9537	1.0913		4,195.8718

3.5 Building Construction - 2016

Mitigated Construction Off-Site

Acres of Paving: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	6.0000e-004	4.5600e-003	3.2000e-003	1.0000e-005	0.0807	7.0000e-005	0.0808	0.0198	6.0000e-005	0.0199		1.2255	1.2255	1.0000e-005		1.2257
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.5828	0.1510	1.8810	4.1100e-003	0.3242	2.7100e-003	0.3269	0.0860	2.4900e-003	0.0885		344.9789	344.9789	0.0177		345.3503
Total	0.5832	0.1556	1.8842	4.1200e-003	0.4049	2.7800e-003	0.4077	0.1058	2.5500e-003	0.1084		346.2044	346.2044	0.0177		346.5760

3.5 Building Construction - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.9579	32.0207	20.2539	0.0425		1.7255	1.7255		1.6421	1.6421		4,130.3797	4,130.3797	1.0691		4,152.8304
Total	3.9579	32.0207	20.2539	0.0425		1.7255	1.7255		1.6421	1.6421		4,130.3797	4,130.3797	1.0691		4,152.8304

3.5 Building Construction - 2017

Unmitigated Construction Off-Site

Acres of Paving: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	5.3000e-004	4.1800e-003	3.0700e-003	1.0000e-005	3.8000e-004	6.0000e-005	4.4000e-004	1.0000e-004	6.0000e-005	1.6000e-004		1.2054	1.2054	1.0000e-005		1.2056
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
Worker	0.5416	0.1364	1.7024	4.1100e-003	0.3242	2.6100e-003	0.3268	0.0860	2.4000e-003	0.0884		331.7767	331.7767	0.0163		332.1194
Total	0.5421	0.1405	1.7055	4.1200e-003	0.3245	2.6700e-003	0.3272	0.0861	2.4600e-003	0.0885		332.9821	332.9821	0.0163		333.3250

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.9543	31.9914	20.2353	0.0424		1.7239	1.7239		1.6406	1.6406	0.0000	4,126.5903	4,126.5903	1.0681		4,149.0204
Total	3.9543	31.9914	20.2353	0.0424		1.7239	1.7239		1.6406	1.6406	0.0000	4,126.5903	4,126.5903	1.0681		4,149.0204

3.5 Building Construction - 2017

Mitigated Construction Off-Site

Acres of Paving: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	5.3000e-004	4.1800e-003	3.0700e-003	1.0000e-005	0.0807	6.0000e-005	0.0808	0.0198	6.0000e-005	0.0199		1.2054	1.2054	1.0000e-005		1.2056
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
Worker	0.5416	0.1364	1.7024	4.1100e-003	0.3242	2.6100e-003	0.3268	0.0860	2.4000e-003	0.0884		331.7767	331.7767	0.0163		332.1194
Total	0.5421	0.1405	1.7055	4.1200e-003	0.4049	2.6700e-003	0.4075	0.1058	2.4600e-003	0.1083		332.9821	332.9821	0.0163		333.3250

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	3.4620	28.3836	19.5636	0.0424		1.4722	1.4722		1.4026	1.4026		4,077.9366	4,077.9366	1.0461		4,099.9050
Total	3.4620	28.3836	19.5636	0.0424		1.4722	1.4722		1.4026	1.4026		4,077.9366	4,077.9366	1.0461		4,099.9050

3.5 Building Construction - 2018

Unmitigated Construction Off-Site

Acres of Paving: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.9000e-004	3.8800e-003	3.0000e-003	1.0000e-005	6.9000e-004	6.0000e-005	7.5000e-004	1.8000e-004	6.0000e-005	2.4000e-004		1.1854	1.1854	1.0000e-005		1.1856
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.5048	0.1237	1.5468	4.1000e-003	0.3242	2.5400e-003	0.3267	0.0860	2.3500e-003	0.0883		319.4314	319.4314	0.0152		319.7495
Total	0.5053	0.1276	1.5498	4.1100e-003	0.3248	2.6000e-003	0.3274	0.0862	2.4100e-003	0.0886		320.6168	320.6168	0.0152		320.9351

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4588	28.3576	19.5457	0.0424		1.4708	1.4708		1.4013	1.4013	0.0000	4,074.1953	4,074.1953	1.0452		4,096.1436
Total	3.4588	28.3576	19.5457	0.0424		1.4708	1.4708		1.4013	1.4013	0.0000	4,074.1953	4,074.1953	1.0452		4,096.1436

3.5 Building Construction - 2018

Mitigated Construction Off-Site

Acres of Paving: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.9000e-004	3.8800e-003	3.0000e-003	1.0000e-005	0.0807	6.0000e-005	0.0808	0.0198	6.0000e-005	0.0199		1.1854	1.1854	1.0000e-005		1.1856
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.5048	0.1237	1.5468	4.1000e-003	0.3242	2.5400e-003	0.3267	0.0860	2.3500e-003	0.0883		319.4314	319.4314	0.0152		319.7495
Total	0.5053	0.1276	1.5498	4.1100e-003	0.4049	2.6000e-003	0.4075	0.1058	2.4100e-003	0.1082		320.6168	320.6168	0.0152		320.9351

3.6 Architectural Coating - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.8923					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3685	2.3722	1.8839	2.9700e-003		0.1966	0.1966		0.1966	0.1966		281.4481	281.4481	0.0332		282.1449
Total	2.2607	2.3722	1.8839	2.9700e-003		0.1966	0.1966		0.1966	0.1966		281.4481	281.4481	0.0332		282.1449

3.6 Architectural Coating - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	6.000e-004	4.560e-003	3.200e-003	1.000e-005	2.370e-003	7.000e-005	2.440e-003	5.900e-004	6.000e-005	6.600e-004		1.2255	1.2255	1.000e-005		1.2257
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1205	0.0312	0.3892	8.500e-004	0.0671	5.600e-004	0.0676	0.0178	5.200e-004	0.0183		71.3750	71.3750	3.660e-003		71.4518
Total	0.1211	0.0358	0.3924	8.600e-004	0.0694	6.300e-004	0.0701	0.0184	5.800e-004	0.0190		72.6004	72.6004	3.670e-003		72.6775

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.8923					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3681	2.3701	1.8822	2.970e-003		0.1964	0.1964		0.1964	0.1964	0.0000	281.1898	281.1898	0.0332		281.8860
Total	2.2604	2.3701	1.8822	2.970e-003		0.1964	0.1964		0.1964	0.1964	0.0000	281.1898	281.1898	0.0332		281.8860

3.6 Architectural Coating - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	6.000e-004	4.560e-003	3.200e-003	1.000e-005	0.0807	7.000e-005	0.0808	0.0198	6.000e-005	0.0199		1.2255	1.2255	1.000e-005		1.2257
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1205	0.0312	0.3892	8.500e-004	0.0671	5.600e-004	0.0676	0.0178	5.200e-004	0.0183		71.3750	71.3750	3.660e-003		71.4518
Total	0.1211	0.0358	0.3924	8.600e-004	0.1478	6.300e-004	0.1484	0.0376	5.800e-004	0.0382		72.6004	72.6004	3.670e-003		72.6775

3.6 Architectural Coating - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.8923					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.970e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.0721
Total	2.2246	2.1850	1.8681	2.970e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.0721

3.6 Architectural Coating - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	5.3000e-004	4.1800e-003	3.0700e-003	1.0000e-005	3.8000e-004	6.0000e-005	4.4000e-004	1.0000e-004	6.0000e-005	1.6000e-004		1.2054	1.2054	1.0000e-005		1.2056
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
Worker	0.1121	0.0282	0.3522	8.5000e-004	0.0671	5.4000e-004	0.0676	0.0178	5.0000e-004	0.0183		68.6435	68.6435	3.3800e-003		68.7144
Total	0.1126	0.0324	0.3553	8.6000e-004	0.0675	6.0000e-004	0.0681	0.0179	5.6000e-004	0.0184		69.8489	69.8489	3.3900e-003		69.9200

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.8923					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3320	2.1830	1.8664	2.9700e-003		0.1732	0.1732		0.1732	0.1732	0.0000	281.1898	281.1898	0.0297		281.8133
Total	2.2243	2.1830	1.8664	2.9700e-003		0.1732	0.1732		0.1732	0.1732	0.0000	281.1898	281.1898	0.0297		281.8133

3.6 Architectural Coating - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	5.3000e-004	4.1800e-003	3.0700e-003	1.0000e-005	0.0807	6.0000e-005	0.0808	0.0198	6.0000e-005	0.0199		1.2054	1.2054	1.0000e-005		1.2056
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
Worker	0.1121	0.0282	0.3522	8.5000e-004	0.0671	5.4000e-004	0.0676	0.0178	5.0000e-004	0.0183		68.6435	68.6435	3.3800e-003		68.7144
Total	0.1126	0.0324	0.3553	8.6000e-004	0.1478	6.0000e-004	0.1484	0.0376	5.6000e-004	0.0382		69.8489	69.8489	3.3900e-003		69.9200

3.6 Architectural Coating - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.8923					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.0102
Total	2.1909	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.0102

3.6 Architectural Coating - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.9000e-004	3.8800e-003	3.0000e-003	1.0000e-005	6.9000e-004	6.0000e-005	7.5000e-004	1.8000e-004	6.0000e-005	2.4000e-004		1.1854	1.1854	1.0000e-005		1.1856
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1044	0.0256	0.3200	8.5000e-004	0.0671	5.3000e-004	0.0676	0.0178	4.9000e-004	0.0183		66.0893	66.0893	3.1300e-003		66.1551
Total	0.1049	0.0295	0.3230	8.6000e-004	0.0678	5.9000e-004	0.0683	0.0180	5.5000e-004	0.0185		67.2747	67.2747	3.1400e-003		67.3407

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.8923					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2984	2.0039	1.8525	2.9700e-003		0.1504	0.1504		0.1504	0.1504	0.0000	281.1903	281.1903	0.0267		281.7514
Total	2.1906	2.0039	1.8525	2.9700e-003		0.1504	0.1504		0.1504	0.1504	0.0000	281.1903	281.1903	0.0267		281.7514

3.6 Architectural Coating - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.9000e-004	3.8800e-003	3.0000e-003	1.0000e-005	0.0807	6.0000e-005	0.0808	0.0198	6.0000e-005	0.0199		1.1854	1.1854	1.0000e-005		1.1856
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1044	0.0256	0.3200	8.5000e-004	0.0671	5.3000e-004	0.0676	0.0178	4.9000e-004	0.0183		66.0893	66.0893	3.1300e-003		66.1551
Total	0.1049	0.0295	0.3230	8.6000e-004	0.1478	5.9000e-004	0.1484	0.0376	5.5000e-004	0.0382		67.2747	67.2747	3.1400e-003		67.3407

LSBUSD - Jordan High School - Phases 2A-2B
 South Coast Air Basin, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
High School	37.88	1000sqft	3.20	37,880.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	9			Operational Year	2018
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	630.89	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	18.00	55.00
tblConstructionPhase	NumDays	230.00	55.00
tblConstructionPhase	NumDays	20.00	10.00
tblConstructionPhase	PhaseEndDate	11/15/2016	8/30/2016
tblConstructionPhase	PhaseStartDate	8/31/2016	6/15/2016
tblLandscapeEquipment	NumberSummerDays	250	365
tblLandUse	LotAcreage	0.87	3.20
tblProjectCharacteristics	OperationalYear	2014	2018
tblTripsAndVMT	VendorTripNumber	6.00	0.00
tblVehicleTrips	ST_TR	4.37	0.00
tblVehicleTrips	SU_TR	1.79	0.00
tblVehicleTrips	WD_TR	12.89	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2016	20.1176	47.3116	37.1124	0.0462	1.5006	2.3179	3.8185	0.2584	2.1603	2.4187	0.0000	4,691.8279	4,691.8279	1.1243	0.0000	4,715.4371
Total	20.1176	47.3116	37.1124	0.0462	1.5006	2.3179	3.8185	0.2584	2.1603	2.4187	0.0000	4,691.8279	4,691.8279	1.1243	0.0000	4,715.4371

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2016	20.1142	47.2697	37.0803	0.0462	1.5003	2.3158	3.8162	0.3222	2.1583	2.4805	0.0000	4,688.0762	4,688.0762	1.1232	0.0000	4,711.6640
Total	20.1142	47.2697	37.0803	0.0462	1.5003	2.3158	3.8162	0.3222	2.1583	2.4805	0.0000	4,688.0762	4,688.0762	1.1232	0.0000	4,711.6640

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.0172	0.0885	0.0866	0.0649	0.0153	0.0910	0.0613	-24.6682	0.0907	-2.5547	0.0000	0.0800	0.0800	0.0907	0.0000	0.0800

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	6/1/2016	6/14/2016	5	10	
2	Building Construction	Building Construction	6/15/2016	8/30/2016	5	55	
3	Architectural Coating	Architectural Coating	6/15/2016	8/30/2016	5	55	

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	162	0.38
Demolition	Rubber Tired Dozers	2	8.00	255	0.40
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Cranes	1	7.00	226	0.29
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Welders	1	8.00	46	0.45
Architectural Coating	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	6	15.00	0.00	57.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	16.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2016

Unmitigated Construction On-Site

Acres of Grading: 0

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					1.2336	0.0000	1.2336	0.1868	0.0000	0.1868			0.0000			0.0000
Off-Road	4.2876	45.6559	35.0303	0.0399		2.2921	2.2921		2.1365	2.1365		4,089.2841	4,089.2841	1.1121		4,112.6374
Total	4.2876	45.6559	35.0303	0.0399	1.2336	2.2921	3.5257	0.1868	2.1365	2.3233		4,089.2841	4,089.2841	1.1121		4,112.6374

3.2 Demolition - 2016

Unmitigated Construction Off-Site

Acres of Grading: 0

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Hauling	0.2070	1.5776	1.1091	4.2100e-003	0.0993	0.0244	0.1237	0.0272	0.0225	0.0496		424.1064	424.1064	3.0400e-003		424.1703
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3013	0.0781	0.9730	2.1200e-003	0.1677	1.4000e-003	0.1691	0.0445	1.2900e-003	0.0458		178.4374	178.4374	9.1500e-003		178.6295
Total	0.5083	1.6557	2.0821	6.3300e-003	0.2670	0.0258	0.2928	0.0717	0.0237	0.0954		602.5438	602.5438	0.0122		602.7997

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Fugitive Dust					0.5551	0.0000	0.5551	0.0841	0.0000	0.0841			0.0000			0.0000
Off-Road	4.2837	45.6140	34.9982	0.0399		2.2900	2.2900		2.1346	2.1346	0.0000	4,085.5324	4,085.5324	1.1110		4,108.8642
Total	4.2837	45.6140	34.9982	0.0399	0.5551	2.2900	2.8452	0.0841	2.1346	2.2186	0.0000	4,085.5324	4,085.5324	1.1110		4,108.8642

3.2 Demolition - 2016

Mitigated Construction Off-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.2070	1.5776	1.1091	4.2100e-003	0.7775	0.0244	0.8019	0.1937	0.0225	0.2161		424.1064	424.1064	3.0400e-003			424.1703
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.3013	0.0781	0.9730	2.1200e-003	0.1677	1.4000e-003	0.1691	0.0445	1.2900e-003	0.0458		178.4374	178.4374	9.1500e-003			178.6295
Total	0.5083	1.6557	2.0821	6.3300e-003	0.9452	0.0258	0.9710	0.2381	0.0237	0.2619		602.5438	602.5438	0.0122			602.7997

3.3 Building Construction - 2016

Unmitigated Construction On-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485		2,669,286.4	2,669,286.4	0.6620			2,683,189.0
Total	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485		2,669,286.4	2,669,286.4	0.6620			2,683,189.0

3.3 Building Construction - 2016

Unmitigated Construction Off-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.3214	0.0833	1.0378	2.2700e-003	0.1788	1.4900e-003	0.1803	0.0474	1.3700e-003	0.0488		190.3332	190.3332	9.7600e-003			190.5381
Total	0.3214	0.0833	1.0378	2.2700e-003	0.1788	1.4900e-003	0.1803	0.0474	1.3700e-003	0.0488		190.3332	190.3332	9.7600e-003			190.5381

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	3.4031	28.4802	18.4897	0.0268		1.9656	1.9656		1.8468	1.8468	0.0000	2,666,837.5	2,666,837.5	0.6614			2,680,727.3
Total	3.4031	28.4802	18.4897	0.0268		1.9656	1.9656		1.8468	1.8468	0.0000	2,666,837.5	2,666,837.5	0.6614			2,680,727.3

3.3 Building Construction - 2016

Mitigated Construction Off-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3214	0.0833	1.0378	2.2700e-003	0.1788	1.4900e-003	0.1803	0.0474	1.3700e-003	0.0488		190.3332	190.3332	9.7600e-003		190.5381
Total	0.3214	0.0833	1.0378	2.2700e-003	0.1788	1.4900e-003	0.1803	0.0474	1.3700e-003	0.0488		190.3332	190.3332	9.7600e-003		190.5381

3.4 Architectural Coating - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	15.9613					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3685	2.3722	1.8839	2.9700e-003		0.1966	0.1966		0.1966	0.1966		281.4481	281.4481	0.0332		282.1449
Total	16.3297	2.3722	1.8839	2.9700e-003		0.1966	0.1966		0.1966	0.1966		281.4481	281.4481	0.0332		282.1449

3.4 Architectural Coating - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0603	0.0156	0.1946	4.2000e-004	0.0335	2.8000e-004	0.0338	8.8900e-003	2.6000e-004	9.1500e-003		35.6875	35.6875	1.8300e-003		35.7259
Total	0.0603	0.0156	0.1946	4.2000e-004	0.0335	2.8000e-004	0.0338	8.8900e-003	2.6000e-004	9.1500e-003		35.6875	35.6875	1.8300e-003		35.7259

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	15.9613					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3681	2.3701	1.8822	2.9700e-003		0.1964	0.1964		0.1964	0.1964	0.0000	281.1898	281.1898	0.0332		281.8860
Total	16.3294	2.3701	1.8822	2.9700e-003		0.1964	0.1964		0.1964	0.1964	0.0000	281.1898	281.1898	0.0332		281.8860

3.4 Architectural Coating - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0603	0.0156	0.1946	4.2000e-004	0.0335	2.8000e-004	0.0338	8.8900e-003	2.6000e-004	9.1500e-003		35.6875	35.6875	1.8300e-003		35.7259
Total	0.0603	0.0156	0.1946	4.2000e-004	0.0335	2.8000e-004	0.0338	8.8900e-003	2.6000e-004	9.1500e-003		35.6875	35.6875	1.8300e-003		35.7259

LSBUSD - Jordan High School - Phases 2A-2B

South Coast Air Basin, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
High School	70.82	1000sqft	2.70	70,820.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	9			Operational Year	2020
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	630.89	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	10.00	434.00
tblConstructionPhase	NumDays	220.00	434.00
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	3.00	58.00
tblConstructionPhase	PhaseEndDate	2/28/2022	6/30/2020
tblConstructionPhase	PhaseStartDate	7/1/2020	11/1/2018
tblGrading	AcresOfGrading	87.00	2.70
tblLandscapeEquipment	NumberSummerDays	250	365
tblLandUse	LotAcreage	1.63	2.70
tblProjectCharacteristics	OperationalYear	2014	2020
tblTripsAndVMT	VendorTripNumber	12.00	0.00
tblVehicleTrips	ST_TR	4.37	0.00
tblVehicleTrips	SU_TR	1.79	0.00
tblVehicleTrips	WD_TR	12.89	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

Year	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
2018	7.6073	24.6048	21.1860	0.0330	1.1695	1.4048	2.5537	0.2029	1.3527	1.4977	0.0000	2,995.1929	2,995.1929	0.7511	0.0000	3,010.9667
2019	7.1883	20.7565	18.8109	0.0329	0.4024	1.2165	1.6189	0.1067	1.1715	1.2782	0.0000	2,962.7311	2,962.7311	0.5185	0.0000	2,973.6189
2020	6.8672	19.1313	18.3278	0.0329	0.4024	1.0574	1.4598	0.1067	1.0182	1.1250	0.0000	2,924.3023	2,924.3023	0.4991	0.0000	2,934.7834
Total	21.6628	64.4926	58.3247	0.0988	1.9743	3.6787	5.6324	0.4164	3.5424	3.9009	0.0000	8,882.2263	8,882.2263	1.7687	0.0000	8,919.3689

Mitigated Construction

Year	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
2018	7.6044	24.5823	21.1679	0.0329	2.3223	1.4035	3.7052	0.5349	1.3514	1.8286	0.0000	2,992.8088	2,992.8088	0.7505	0.0000	3,008.5682
2019	7.1857	20.7376	18.7953	0.0329	0.4024	1.2154	1.6178	0.1067	1.1704	1.2771	0.0000	2,960.3629	2,960.3629	0.5180	0.0000	2,971.2411
2020	6.8649	19.1139	18.3125	0.0329	0.4024	1.0564	1.4588	0.1067	1.0173	1.1240	0.0000	2,921.9553	2,921.9553	0.4987	0.0000	2,932.4270
Total	21.6549	64.4337	58.2757	0.0988	3.1271	3.6753	6.7818	0.7484	3.5392	4.2297	0.0000	8,875.1270	8,875.1270	1.7671	0.0000	8,912.2363

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.0361	0.0913	0.0840	0.0607	-58.3874	0.0913	-20.4073	-79.7344	0.0915	-8.4293	0.0000	0.0799	0.0799	0.0893	0.0000	0.0800

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	7/1/2018	8/10/2018	5	30	
2	Site Preparation	Site Preparation	8/1/2018	10/31/2018	5	58	
3	Building Construction	Building Construction	11/1/2018	6/30/2020	5	434	
4	Architectural Coating	Architectural Coating	11/1/2018	6/30/2020	5	434	

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Demolition	Rubber Tired Dozers	1	8.00	255	0.40
Building Construction	Cranes	1	8.00	226	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48
Site Preparation	Graders	1	8.00	174	0.41
Site Preparation	Scrapers	1	8.00	361	0.48
Site Preparation	Tractors/Loaders/Backhoes	1	7.00	97	0.37

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	5	13.00	0.00	131.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	30.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	6.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2018

Unmitigated Construction On-Site

Acres of Grading: 2.7

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.9481	0.0000	0.9481	0.1436	0.0000	0.1436			0.0000			0.0000
Off-Road	2.3936	23.5008	19.6968	0.0245		1.3660	1.3660		1.2780	1.2780		2,427.2156	2,427.2156	0.6170		2,440.1728
Total	2.3936	23.5008	19.6968	0.0245	0.9481	1.3660	2.3141	0.1436	1.2780	1.4216		2,427.2156	2,427.2156	0.6170		2,440.1728

3.2 Demolition - 2018

Unmitigated Construction Off-Site

Acres of Grading: 2.7

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1292	1.0296	0.7957	3.2200e-003	0.0761	0.0171	0.0932	0.0208	0.0157	0.0366		314.2753	314.2753	2.3100e-003		314.3239
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2263	0.0555	0.6934	1.8400e-003	0.1453	1.1400e-003	0.1465	0.0385	1.0500e-003	0.0396		143.1934	143.1934	6.7900e-003		143.3360
Total	0.3554	1.0850	1.4891	5.0600e-003	0.2214	0.0182	0.2396	0.0594	0.0168	0.0762		457.4687	457.4687	9.1000e-003		457.6599

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.4267	0.0000	0.4267	0.0646	0.0000	0.0646			0.0000			0.0000
Off-Road	2.3914	23.4792	19.6788	0.0245		1.3647	1.3647		1.2769	1.2769	0.0000	2,424.9888	2,424.9888	0.6164		2,437.9340
Total	2.3914	23.4792	19.6788	0.0245	0.4267	1.3647	1.7914	0.0646	1.2769	1.3415	0.0000	2,424.9888	2,424.9888	0.6164		2,437.9340

3.2 Demolition - 2018

Mitigated Construction Off-Site

Acres of Grading: 2.7

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1292	1.0296	0.7957	3.2200e-003	1.7503	0.0171	1.7674	0.4318	0.0157	0.4475		314.2753	314.2753	2.3100e-003		314.3239
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2263	0.0555	0.6934	1.8400e-003	0.1453	1.1400e-003	0.1465	0.0385	1.0500e-003	0.0396		143.1934	143.1934	6.7900e-003		143.3360
Total	0.3554	1.0850	1.4891	5.0600e-003	1.8956	0.0182	1.9139	0.4703	0.0168	0.4871		457.4687	457.4687	9.1000e-003		457.6599

3.3 Site Preparation - 2018

Unmitigated Construction On-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0494	0.0000	0.0494	5.3300e-003	0.0000	5.3300e-003			0.0000			0.0000
Off-Road	2.1932	24.5707	15.3552	0.0238		1.1803	1.1803		1.0859	1.0859		2,399.3596	2,399.3596	0.7470		2,415.0456
Total	2.1932	24.5707	15.3552	0.0238	0.0494	1.1803	1.2297	5.3300e-003	1.0859	1.0912		2,399.3596	2,399.3596	0.7470		2,415.0456

3.3 Site Preparation - 2018

Unmitigated Construction Off-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1392	0.0341	0.4267	1.1300e-003	0.0894	7.0000e-004	0.0901	0.0237	6.5000e-004	0.0244		88.1190	88.1190	4.1800e-003		88.2068
Total	0.1392	0.0341	0.4267	1.1300e-003	0.0894	7.0000e-004	0.0901	0.0237	6.5000e-004	0.0244		88.1190	88.1190	4.1800e-003		88.2068

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0222	0.0000	0.0222	2.4000e-003	0.0000	2.4000e-003			0.0000			0.0000
Off-Road	2.1911	24.5481	15.3411	0.0238		1.1792	1.1792		1.0849	1.0849	0.0000	2,397.1583	2,397.1583	0.7463		2,412.8300
Total	2.1911	24.5481	15.3411	0.0238	0.0222	1.1792	1.2015	2.4000e-003	1.0849	1.0873	0.0000	2,397.1583	2,397.1583	0.7463		2,412.8300

3.3 Site Preparation - 2018

Mitigated Construction Off-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1392	0.0341	0.4267	1.1300e-003	0.0894	7.0000e-004	0.0901	0.0237	6.5000e-004	0.0244		88.1190	88.1190	4.1800e-003		88.2068
Total	0.1392	0.0341	0.4267	1.1300e-003	0.0894	7.0000e-004	0.0901	0.0237	6.5000e-004	0.0244		88.1190	88.1190	4.1800e-003		88.2068

3.4 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	2.9004	20.5600	15.6637	0.0249		1.2511	1.2511		1.1992	1.1992		2,317.2089	2,317.2089	0.4980		2,327.6664
Total	2.9004	20.5600	15.6637	0.0249		1.2511	1.2511		1.1992	1.1992		2,317.2089	2,317.2089	0.4980		2,327.6664

3.4 Building Construction - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.5222	0.1280	1.6001	4.2500e-003	0.3353	2.6300e-003	0.3380	0.0889	2.4300e-003	0.0914		330.4463	330.4463	0.0157		330.7754
Total	0.5222	0.1280	1.6001	4.2500e-003	0.3353	2.6300e-003	0.3380	0.0889	2.4300e-003	0.0914		330.4463	330.4463	0.0157		330.7754

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.8977	20.5412	15.6493	0.0249		1.2499	1.2499		1.1981	1.1981	0.0000	2,315.0830	2,315.0830	0.4975		2,325.5309
Total	2.8977	20.5412	15.6493	0.0249		1.2499	1.2499		1.1981	1.1981	0.0000	2,315.0830	2,315.0830	0.4975		2,325.5309

3.4 Building Construction - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.5222	0.1280	1.6001	4.2500e-003	0.3353	2.6300e-003	0.3380	0.0889	2.4300e-003	0.0914		330.4463	330.4463	0.0157		330.7754
Total	0.5222	0.1280	1.6001	4.2500e-003	0.3353	2.6300e-003	0.3380	0.0889	2.4300e-003	0.0914		330.4463	330.4463	0.0157		330.7754

3.4 Building Construction - 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	2.5471	18.7802	15.2049	0.0249		1.0846	1.0846		1.0399	1.0399		2,299.7816	2,299.7816	0.4771		2,309.8005
Total	2.5471	18.7802	15.2049	0.0249		1.0846	1.0846		1.0399	1.0399		2,299.7816	2,299.7816	0.4771		2,309.8005

3.4 Building Construction - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.4942	0.1174	1.4706	4.2400e-003	0.3353	2.5800e-003	0.3379	0.0889	2.3900e-003	0.0913		317.9179	317.9179	0.0147		318.2259
Total	0.4942	0.1174	1.4706	4.2400e-003	0.3353	2.5800e-003	0.3379	0.0889	2.3900e-003	0.0913		317.9179	317.9179	0.0147		318.2259

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.5448	18.7630	15.1909	0.0249		1.0836	1.0836		1.0389	1.0389	0.0000	2,297.6717	2,297.6717	0.4767		2,307.6814
Total	2.5448	18.7630	15.1909	0.0249		1.0836	1.0836		1.0389	1.0389	0.0000	2,297.6717	2,297.6717	0.4767		2,307.6814

3.4 Building Construction - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.4942	0.1174	1.4706	4.2400e-003	0.3353	2.5800e-003	0.3379	0.0889	2.3900e-003	0.0913		317.9179	317.9179	0.0147		318.2259
Total	0.4942	0.1174	1.4706	4.2400e-003	0.3353	2.5800e-003	0.3379	0.0889	2.3900e-003	0.0913		317.9179	317.9179	0.0147		318.2259

3.4 Building Construction - 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	2.2780	17.3169	14.8514	0.0249		0.9434	0.9434		0.9045	0.9045		2,276.7927	2,276.7927	0.4606		2,286.4660
Total	2.2780	17.3169	14.8514	0.0249		0.9434	0.9434		0.9045	0.9045		2,276.7927	2,276.7927	0.4606		2,286.4660

3.4 Building Construction - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.4711	0.1088	1.3708	4.2400e-003	0.3353	2.5600e-003	0.3379	0.0889	2.3800e-003	0.0913		305.0513	305.0513	0.0139		305.3431
Total	0.4711	0.1088	1.3708	4.2400e-003	0.3353	2.5600e-003	0.3379	0.0889	2.3800e-003	0.0913		305.0513	305.0513	0.0139		305.3431

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.2760	17.3010	14.8378	0.0249		0.9425	0.9425		0.9036	0.9036	0.0000	2,274.703 g	2,274.703 g	0.4602		2,284.3683
Total	2.2760	17.3010	14.8378	0.0249		0.9425	0.9425		0.9036	0.9036	0.0000	2,274.703 g	2,274.703 g	0.4602		2,284.3683

3.4 Building Construction - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.4711	0.1088	1.3708	4.2400e-003	0.3353	2.5600e-003	0.3379	0.0889	2.3800e-003	0.0913		305.0513	305.0513	0.0139		305.3431
Total	0.4711	0.1088	1.3708	4.2400e-003	0.3353	2.5600e-003	0.3379	0.0889	2.3800e-003	0.0913		305.0513	305.0513	0.0139		305.3431

3.5 Architectural Coating - 2018

Unmitigated Construction On-Site

Acres of Paving: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.7817					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.0102
Total	4.0803	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.0102

3.5 Architectural Coating - 2018

Unmitigated Construction Off-Site

Acres of Paving: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.1044	0.0256	0.3200	8.5000e-004	0.0671	5.3000e-004	0.0676	0.0178	4.9000e-004	0.0183		66.0893	66.0893	3.1300e-003			66.1551
Total	0.1044	0.0256	0.3200	8.5000e-004	0.0671	5.3000e-004	0.0676	0.0178	4.9000e-004	0.0183		66.0893	66.0893	3.1300e-003			66.1551

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.7817					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000	
Off-Road	0.2984	2.0039	1.8525	2.9700e-003		0.1504	0.1504		0.1504	0.1504	0.0000	281.1903	281.1903	0.0267			281.7514
Total	4.0801	2.0039	1.8525	2.9700e-003		0.1504	0.1504		0.1504	0.1504	0.0000	281.1903	281.1903	0.0267			281.7514

3.5 Architectural Coating - 2018

Mitigated Construction Off-Site

Acres of Paving: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.1044	0.0256	0.3200	8.5000e-004	0.0671	5.3000e-004	0.0676	0.0178	4.9000e-004	0.0183		66.0893	66.0893	3.1300e-003			66.1551
Total	0.1044	0.0256	0.3200	8.5000e-004	0.0671	5.3000e-004	0.0676	0.0178	4.9000e-004	0.0183		66.0893	66.0893	3.1300e-003			66.1551

3.5 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	3.7817					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000	
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238			281.9473
Total	4.0481	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238			281.9473

3.5 Architectural Coating - 2019

Unmitigated Construction Off-Site

Acres of Paving: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0988	0.0235	0.2941	8.5000e-004	0.0671	5.2000e-004	0.0676	0.0178	4.8000e-004	0.0183		63.5836	63.5836	2.9300e-003			63.6452
Total	0.0988	0.0235	0.2941	8.5000e-004	0.0671	5.2000e-004	0.0676	0.0178	4.8000e-004	0.0183		63.5836	63.5836	2.9300e-003			63.6452

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.7817					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.2662	1.8337	1.8396	2.9700e-003		0.1287	0.1287		0.1287	0.1287	0.0000	281.1898	281.1898	0.0238			281.6886
Total	4.0479	1.8337	1.8396	2.9700e-003		0.1287	0.1287		0.1287	0.1287	0.0000	281.1898	281.1898	0.0238			281.6886

3.5 Architectural Coating - 2019

Mitigated Construction Off-Site

Acres of Paving: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0988	0.0235	0.2941	8.5000e-004	0.0671	5.2000e-004	0.0676	0.0178	4.8000e-004	0.0183		63.5836	63.5836	2.9300e-003			63.6452
Total	0.0988	0.0235	0.2941	8.5000e-004	0.0671	5.2000e-004	0.0676	0.0178	4.8000e-004	0.0183		63.5836	63.5836	2.9300e-003			63.6452

3.5 Architectural Coating - 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	3.7817					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			281.9057
Total	4.0239	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218			281.9057

3.5 Architectural Coating - 2020

Unmitigated Construction Off-Site

Acres of Paving: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0942	0.0218	0.2742	8.5000e-004	0.0671	5.1000e-004	0.0676	0.0178	4.8000e-004	0.0183		61.0103	61.0103	2.7800e-003		61.0686
Total	0.0942	0.0218	0.2742	8.5000e-004	0.0671	5.1000e-004	0.0676	0.0178	4.8000e-004	0.0183		61.0103	61.0103	2.7800e-003		61.0686

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.7817					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2420	1.6823	1.8297	2.9700e-003		0.1108	0.1108		0.1108	0.1108	0.0000	281.1898	281.1898	0.0218		281.6470
Total	4.0236	1.6823	1.8297	2.9700e-003		0.1108	0.1108		0.1108	0.1108	0.0000	281.1898	281.1898	0.0218		281.6470

3.5 Architectural Coating - 2020

Mitigated Construction Off-Site

Acres of Paving: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0942	0.0218	0.2742	8.5000e-004	0.0671	5.1000e-004	0.0676	0.0178	4.8000e-004	0.0183		61.0103	61.0103	2.7800e-003		61.0686
Total	0.0942	0.0218	0.2742	8.5000e-004	0.0671	5.1000e-004	0.0676	0.0178	4.8000e-004	0.0183		61.0103	61.0103	2.7800e-003		61.0686

LSBUSD - Jordan High School - Phases 3A-3B
 South Coast Air Basin, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
High School	44.71	1000sqft	0.70	44,710.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	9			Operational Year	2022
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	630.89	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	5.00	522.00
tblConstructionPhase	NumDays	100.00	522.00
tblConstructionPhase	PhaseEndDate	7/1/2024	6/30/2022
tblConstructionPhase	PhaseStartDate	7/1/2022	7/1/2020
tblLandscapeEquipment	NumberSummerDays	250	365
tblLandUse	LotAcreage	1.03	0.70
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblProjectCharacteristics	OperationalYear	2014	2022
tblVehicleTrips	ST_TR	4.37	0.00
tblVehicleTrips	SU_TR	1.79	0.00
tblVehicleTrips	WD_TR	12.89	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					
2020	3.4143	9.9975	9.9436	0.0179	0.3009	0.5676	0.8684	0.0807	0.5311	0.6117	0.0000	1,642,834.9	1,642,834.9	0.3523	0.0000	1,650,233.5
2021	3.2974	9.0007	9.7386	0.0179	0.3009	0.4853	0.7861	0.0807	0.4540	0.5346	0.0000	1,639,423.4	1,639,423.4	0.3495	0.0000	1,646,762.3
2022	3.1902	7.9866	9.5644	0.0179	0.3009	0.4078	0.7087	0.0807	0.3817	0.4624	0.0000	1,636,221.9	1,636,221.9	0.3483	0.0000	1,643,536.3
Total	9.9019	26.9847	29.2465	0.0538	0.9026	1.4607	2.3632	0.2420	1.3668	1.6087	0.0000	4,918,480.2	4,918,480.2	1.0501	0.0000	4,940,532.1

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					
2020	3.4134	9.9888	9.9359	0.0179	0.3009	0.5671	0.8679	0.0807	0.5306	0.6112	0.0000	1,641,672.1	1,641,672.1	0.3520	0.0000	1,649,064.2
2021	3.2966	8.9928	9.7310	0.0179	0.3009	0.4848	0.7857	0.0807	0.4536	0.5342	0.0000	1,638,260.5	1,638,260.5	0.3492	0.0000	1,645,592.8
2022	3.1894	7.9796	9.5570	0.0179	0.3009	0.4074	0.7083	0.0807	0.3814	0.4620	0.0000	1,635,058.3	1,635,058.3	0.3480	0.0000	1,642,366.2
Total	9.8995	26.9612	29.2240	0.0537	0.9026	1.4593	2.3619	0.2420	1.3656	1.6075	0.0000	4,914,990.9	4,914,990.9	1.0492	0.0000	4,937,023.2

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.0247	0.0873	0.0771	0.0744	0.0000	0.0904	0.0559	0.0000	0.0900	0.0765	0.0000	0.0709	0.0709	0.0895	0.0000	0.0710

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Building Construction	Building Construction	7/1/2020	6/30/2022	5	522	
2	Architectural Coating	Architectural Coating	7/1/2020	6/30/2022	5	522	

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	4.00	226	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Architectural Coating	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
Building Construction	4	19.00	7.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	4.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Building Construction - 2020

Unmitigated Construction On-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.7488	7.8208	6.4794	0.0102		0.4475	0.4475		0.4117	0.4117		985.9075	985.9075	0.3189		992.6036
Total	0.7488	7.8208	6.4794	0.0102		0.4475	0.4475		0.4117	0.4117		985.9075	985.9075	0.3189		992.6036

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0772	0.4094	0.5818	1.5100e-003	0.0438	7.2100e-003	0.0510	0.0125	6.6300e-003	0.0191		141.6067	141.6067	1.0100e-003		141.6280
Worker	0.2984	0.0689	0.8682	2.6800e-003	0.2124	1.6200e-003	0.2140	0.0563	1.5100e-003	0.0578		193.1992	193.1992	8.8000e-003		193.3839
Total	0.3755	0.4783	1.4500	4.1900e-003	0.2562	8.8300e-003	0.2650	0.0688	8.1400e-003	0.0769		334.8059	334.8059	9.8100e-003		335.0119

3.2 Building Construction - 2020

Mitigated Construction On-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.7481	7.8137	6.4734	0.0102		0.4471	0.4471		0.4113	0.4113	0.0000	985.0029	985.0029	0.3186		991.6929
Total	0.7481	7.8137	6.4734	0.0102		0.4471	0.4471		0.4113	0.4113	0.0000	985.0029	985.0029	0.3186		991.6929

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0772	0.4094	0.5818	1.5100e-003	0.0438	7.2100e-003	0.0510	0.0125	6.6300e-003	0.0191		141.6067	141.6067	1.0100e-003		141.6280
Worker	0.2984	0.0689	0.8682	2.6800e-003	0.2124	1.6200e-003	0.2140	0.0563	1.5100e-003	0.0578		193.1992	193.1992	8.8000e-003		193.3839
Total	0.3755	0.4783	1.4500	4.1900e-003	0.2562	8.8300e-003	0.2650	0.0688	8.1400e-003	0.0769		334.8059	334.8059	9.8100e-003		335.0119

3.2 Building Construction - 2021

Unmitigated Construction On-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.6735	7.0482	6.3663	0.0102		0.3826	0.3826		0.3520	0.3520		986.1457	986.1457	0.3189		992.8434
Total	0.6735	7.0482	6.3663	0.0102		0.3826	0.3826		0.3520	0.3520		986.1457	986.1457	0.3189		992.8434

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0745	0.3477	0.5659	1.5100e-003	0.0438	6.5700e-003	0.0503	0.0125	6.0400e-003	0.0185		141.5467	141.5467	1.0200e-003		141.5681
Worker	0.2855	0.0645	0.8168	2.6900e-003	0.2124	1.6300e-003	0.2140	0.0563	1.5100e-003	0.0578		190.2338	190.2338	8.4200e-003		190.4107
Total	0.3599	0.4121	1.3827	4.2000e-003	0.2562	8.2000e-003	0.2643	0.0688	7.5500e-003	0.0763		331.7804	331.7804	9.4400e-003		331.9787

3.2 Building Construction - 2021

Mitigated Construction On-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.6729	7.0417	6.3605	0.0102		0.3823	0.3823		0.3517	0.3517	0.0000	985.2410	985.2410	0.3187		991.9326
Total	0.6729	7.0417	6.3605	0.0102		0.3823	0.3823		0.3517	0.3517	0.0000	985.2410	985.2410	0.3187		991.9326

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0745	0.3477	0.5659	1.5100e-003	0.0438	6.5700e-003	0.0503	0.0125	6.0400e-003	0.0185		141.5467	141.5467	1.0200e-003		141.5681
Worker	0.2855	0.0645	0.8168	2.6900e-003	0.2124	1.6300e-003	0.2140	0.0563	1.5100e-003	0.0578		190.2338	190.2338	8.4200e-003		190.4107
Total	0.3599	0.4121	1.3827	4.2000e-003	0.2562	8.2000e-003	0.2643	0.0688	7.5500e-003	0.0763		331.7804	331.7804	9.4400e-003		331.9787

3.2 Building Construction - 2022

Unmitigated Construction On-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.5971	6.1893	6.2669	0.0102		0.3176	0.3176		0.2922	0.2922		986.8683	986.8683	0.3192		993.5709
Total	0.5971	6.1893	6.2669	0.0102		0.3176	0.3176		0.2922	0.2922		986.8683	986.8683	0.3192		993.5709

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0727	0.3156	0.5528	1.5100e-003	0.0438	6.4900e-003	0.0503	0.0125	5.9800e-003	0.0184		141.4191	141.4191	1.0400e-003		141.4410
Worker	0.2733	0.0605	0.7692	2.6900e-003	0.2124	1.6200e-003	0.2140	0.0563	1.5100e-003	0.0578		187.0976	187.0976	8.0700e-003		187.2670
Total	0.3461	0.3760	1.3220	4.2000e-003	0.2562	8.1100e-003	0.2643	0.0688	7.4900e-003	0.0763		328.5167	328.5167	9.1100e-003		328.7079

3.2 Building Construction - 2022

Mitigated Construction On-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.5965	6.1836	6.2611	0.0102		0.3173	0.3173		0.2920	0.2920	0.0000	985.9629	985.9629	0.3189		992.6593
Total	0.5965	6.1836	6.2611	0.0102		0.3173	0.3173		0.2920	0.2920	0.0000	985.9629	985.9629	0.3189		992.6593

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0727	0.3156	0.5528	1.5100e-003	0.0438	6.4900e-003	0.0503	0.0125	5.9800e-003	0.0184		141.4191	141.4191	1.0400e-003		141.4410
Worker	0.2733	0.0605	0.7692	2.6900e-003	0.2124	1.6200e-003	0.2140	0.0563	1.5100e-003	0.0578		187.0976	187.0976	8.0700e-003		187.2670
Total	0.3461	0.3760	1.3220	4.2000e-003	0.2562	8.1100e-003	0.2643	0.0688	7.4900e-003	0.0763		328.5167	328.5167	9.1100e-003		328.7079

3.3 Architectural Coating - 2020

Unmitigated Construction On-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.9850					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		281.9057
Total	2.2272	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9057

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0628	0.0145	0.1828	5.6000e-004	0.0447	3.4000e-004	0.0451	0.0119	3.2000e-004	0.0122		40.6735	40.6735	1.8500e-003		40.7124
Total	0.0628	0.0145	0.1828	5.6000e-004	0.0447	3.4000e-004	0.0451	0.0119	3.2000e-004	0.0122		40.6735	40.6735	1.8500e-003		40.7124

3.3 Architectural Coating - 2020

Mitigated Construction On-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.9850					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2420	1.6823	1.8297	2.9700e-003		0.1108	0.1108		0.1108	0.1108	0.0000	281.1898	281.1898	0.0218		281.6470
Total	2.2269	1.6823	1.8297	2.9700e-003		0.1108	0.1108		0.1108	0.1108	0.0000	281.1898	281.1898	0.0218		281.6470

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0628	0.0145	0.1828	5.6000e-004	0.0447	3.4000e-004	0.0451	0.0119	3.2000e-004	0.0122		40.6735	40.6735	1.8500e-003		40.7124
Total	0.0628	0.0145	0.1828	5.6000e-004	0.0447	3.4000e-004	0.0451	0.0119	3.2000e-004	0.0122		40.6735	40.6735	1.8500e-003		40.7124

3.3 Architectural Coating - 2021

Unmitigated Construction On-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.9850					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			281.8537
Total	2.2039	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193			281.8537

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0601	0.0136	0.1720	5.7000e-004	0.0447	3.4000e-004	0.0451	0.0119	3.2000e-004	0.0122		40.0492	40.0492	1.7700e-003			40.0865
Total	0.0601	0.0136	0.1720	5.7000e-004	0.0447	3.4000e-004	0.0451	0.0119	3.2000e-004	0.0122		40.0492	40.0492	1.7700e-003			40.0865

3.3 Architectural Coating - 2021

Mitigated Construction On-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.9850					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.2187	1.5254	1.8159	2.9700e-003		0.0940	0.0940		0.0940	0.0940	0.0000	281.1898	281.1898	0.0193			281.5951
Total	2.2037	1.5254	1.8159	2.9700e-003		0.0940	0.0940		0.0940	0.0940	0.0000	281.1898	281.1898	0.0193			281.5951

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0601	0.0136	0.1720	5.7000e-004	0.0447	3.4000e-004	0.0451	0.0119	3.2000e-004	0.0122		40.0492	40.0492	1.7700e-003			40.0865
Total	0.0601	0.0136	0.1720	5.7000e-004	0.0447	3.4000e-004	0.0451	0.0119	3.2000e-004	0.0122		40.0492	40.0492	1.7700e-003			40.0865

3.3 Architectural Coating - 2022

Unmitigated Construction On-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.9850					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		281.8329
Total	2.1895	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.8329

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0575	0.0127	0.1619	5.7000e-004	0.0447	3.4000e-004	0.0451	0.0119	3.2000e-004	0.0122		39.3890	39.3890	1.7000e-003		39.4246
Total	0.0575	0.0127	0.1619	5.7000e-004	0.0447	3.4000e-004	0.0451	0.0119	3.2000e-004	0.0122		39.3890	39.3890	1.7000e-003		39.4246

3.3 Architectural Coating - 2022

Mitigated Construction On-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.9850					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2044	1.4072	1.8119	2.9700e-003		0.0816	0.0816		0.0816	0.0816	0.0000	281.1898	281.1898	0.0183		281.5743
Total	2.1893	1.4072	1.8119	2.9700e-003		0.0816	0.0816		0.0816	0.0816	0.0000	281.1898	281.1898	0.0183		281.5743

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0575	0.0127	0.1619	5.7000e-004	0.0447	3.4000e-004	0.0451	0.0119	3.2000e-004	0.0122		39.3890	39.3890	1.7000e-003		39.4246
Total	0.0575	0.0127	0.1619	5.7000e-004	0.0447	3.4000e-004	0.0451	0.0119	3.2000e-004	0.0122		39.3890	39.3890	1.7000e-003		39.4246

LSBUSD - Jordan High School - Phase 4
South Coast Air Basin, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
High School	59.57	1000sqft	0.80	59,570.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	9			Operational Year	2014
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	630.89	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	5.00	391.00
tblConstructionPhase	NumDays	100.00	391.00
tblConstructionPhase	PhaseEndDate	7/1/2019	12/31/2017
tblConstructionPhase	PhaseEndDate	12/29/2017	12/31/2017
tblConstructionPhase	PhaseStartDate	1/1/2018	7/1/2016
tblLandscapeEquipment	NumberSummerDays	250	365
tblLandUse	LotAcreage	1.37	0.80
tblVehicleTrips	ST_TR	4.37	0.00
tblVehicleTrips	SU_TR	1.79	0.00
tblVehicleTrips	WD_TR	12.89	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2016	6.0334	17.1027	13.0395	0.0207	0.3978	1.1533	1.5511	0.1067	1.0768	1.1835	0.0000	2,035.0756	2,035.0756	0.4085	0.0000	2,043.6549
2017	5.8318	15.7907	12.6068	0.0207	0.3978	1.0440	1.4418	0.1067	0.9743	1.0811	0.0000	1,998.8635	1,998.8635	0.4034	0.0000	2,007.3347
Total	11.8651	32.8934	25.6462	0.0415	0.7957	2.1973	2.9929	0.2135	2.0511	2.2646	0.0000	4,033.9391	4,033.9391	0.8119	0.0000	4,050.9896

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2016	6.0318	17.0880	13.0302	0.0207	0.3978	1.1523	1.5501	0.1067	1.0758	1.1825	0.0000	2,033.7361	2,033.7361	0.4082	0.0000	2,042.3079
2017	5.8303	15.7771	12.5977	0.0207	0.3978	1.0430	1.4409	0.1067	0.9734	1.0802	0.0000	1,997.5415	1,997.5415	0.4030	0.0000	2,006.0053
Total	11.8621	32.8650	25.6279	0.0414	0.7957	2.1953	2.9910	0.2135	2.0492	2.2627	0.0000	4,031.2776	4,031.2776	0.8112	0.0000	4,048.3132

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.0260	0.0863	0.0716	0.0483	0.0000	0.0906	0.0662	0.0000	0.0902	0.0821	0.0000	0.0660	0.0660	0.0874	0.0000	0.0661

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Building Construction	Building Construction	7/1/2016	12/31/2017	5	391	
2	Architectural Coating	Architectural Coating	7/1/2016	12/31/2017	5	391	

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Building Construction	Cranes	1	4.00	226	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Architectural Coating	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
Building Construction	5	25.00	10.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Building Construction - 2016

Unmitigated Construction On-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3816	13.7058	8.2122	0.0113		0.9398	0.9398		0.8646	0.8646		1,178,554.9	1,178,554.9	0.3555		1,186,020.2
Total	1.3816	13.7058	8.2122	0.0113		0.9398	0.9398		0.8646	0.8646		1,178,554.9	1,178,554.9	0.3555		1,186,020.2

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1499	0.8685	0.9975	2.1800e-003	0.0625	0.0141	0.0766	0.0178	0.0130	0.0308		218.1980	218.1980	1.5700e-003		218.2308
Worker	0.5022	0.1302	1.6216	3.5400e-003	0.2794	2.3400e-003	0.2818	0.0741	2.1500e-003	0.0763		297.3956	297.3956	0.0153		297.7158
Total	0.6521	0.9986	2.6190	5.7200e-003	0.3419	0.0164	0.3584	0.0919	0.0151	0.1070		515.5936	515.5936	0.0168		515.9466

3.2 Building Construction - 2016

Mitigated Construction On-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3803	13.6933	8.2046	0.0113		0.9389	0.9389		0.8638	0.8638	0.0000	1,177,473.6	1,177,473.6	0.3552		1,184,932.1
Total	1.3803	13.6933	8.2046	0.0113		0.9389	0.9389		0.8638	0.8638	0.0000	1,177,473.6	1,177,473.6	0.3552		1,184,932.1

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1499	0.8685	0.9975	2.1800e-003	0.0625	0.0141	0.0766	0.0178	0.0130	0.0308		218.1980	218.1980	1.5700e-003		218.2308
Worker	0.5022	0.1302	1.6216	3.5400e-003	0.2794	2.3400e-003	0.2818	0.0741	2.1500e-003	0.0763		297.3956	297.3956	0.0153		297.7158
Total	0.6521	0.9986	2.6190	5.7200e-003	0.3419	0.0164	0.3584	0.0919	0.0151	0.1070		515.5936	515.5936	0.0168		515.9466

3.2 Building Construction - 2017

Unmitigated Construction On-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2740	12.6738	8.0395	0.0113		0.8553	0.8553		0.7869	0.7869		1,159,531.0	1,159,531.0	0.3553			1,166,991.9
Total	1.2740	12.6738	8.0395	0.0113		0.8553	0.8553		0.7869	0.7869		1,159,531.0	1,159,531.0	0.3553			1,166,991.9

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.1344	0.7908	0.9381	2.1700e-003	0.0625	0.0126	0.0751	0.0178	0.0116	0.0294		214.6672	214.6672	1.5100e-003			214.6990
Worker	0.4669	0.1175	1.4676	3.5400e-003	0.2794	2.2500e-003	0.2817	0.0741	2.0700e-003	0.0762		286.0144	286.0144	0.0141			286.3099
Total	0.6013	0.9083	2.4057	5.7100e-003	0.3420	0.0148	0.3568	0.0919	0.0136	0.1056		500.6815	500.6815	0.0156			501.0088

3.2 Building Construction - 2017

Mitigated Construction On-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2728	12.6622	8.0321	0.0113		0.8546	0.8546		0.7862	0.7862	0.0000	1,158,467.2	1,158,467.2	0.3550			1,165,921.2
Total	1.2728	12.6622	8.0321	0.0113		0.8546	0.8546		0.7862	0.7862	0.0000	1,158,467.2	1,158,467.2	0.3550			1,165,921.2

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.1344	0.7908	0.9381	2.1700e-003	0.0625	0.0126	0.0751	0.0178	0.0116	0.0294		214.6672	214.6672	1.5100e-003			214.6990
Worker	0.4669	0.1175	1.4676	3.5400e-003	0.2794	2.2500e-003	0.2817	0.0741	2.0700e-003	0.0762		286.0144	286.0144	0.0141			286.3099
Total	0.6013	0.9083	2.4057	5.7100e-003	0.3420	0.0148	0.3568	0.0919	0.0136	0.1056		500.6815	500.6815	0.0156			501.0088

3.3 Architectural Coating - 2016

Unmitigated Construction On-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.5308					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3685	2.3722	1.8839	2.9700e-003		0.1966	0.1966		0.1966	0.1966		281.4481	281.4481	0.0332		282.1449
Total	3.8992	2.3722	1.8839	2.9700e-003		0.1966	0.1966		0.1966	0.1966		281.4481	281.4481	0.0332		282.1449

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1004	0.0260	0.3243	7.1000e-004	0.0559	4.7000e-004	0.0564	0.0148	4.3000e-004	0.0153		59.4791	59.4791	3.0500e-003		59.5432
Total	0.1004	0.0260	0.3243	7.1000e-004	0.0559	4.7000e-004	0.0564	0.0148	4.3000e-004	0.0153		59.4791	59.4791	3.0500e-003		59.5432

3.3 Architectural Coating - 2016

Mitigated Construction On-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.5308					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3681	2.3701	1.8822	2.9700e-003		0.1964	0.1964		0.1964	0.1964	0.0000	281.1898	281.1898	0.0332		281.8860
Total	3.8989	2.3701	1.8822	2.9700e-003		0.1964	0.1964		0.1964	0.1964	0.0000	281.1898	281.1898	0.0332		281.8860

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1004	0.0260	0.3243	7.1000e-004	0.0559	4.7000e-004	0.0564	0.0148	4.3000e-004	0.0153		59.4791	59.4791	3.0500e-003		59.5432
Total	0.1004	0.0260	0.3243	7.1000e-004	0.0559	4.7000e-004	0.0564	0.0148	4.3000e-004	0.0153		59.4791	59.4791	3.0500e-003		59.5432

3.3 Architectural Coating - 2017

Unmitigated Construction On-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.5308					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.0721
Total	3.8631	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.0721

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0934	0.0235	0.2935	7.1000e-004	0.0559	4.5000e-004	0.0563	0.0148	4.1000e-004	0.0152		57.2029	57.2029	2.8100e-003		57.2620
Total	0.0934	0.0235	0.2935	7.1000e-004	0.0559	4.5000e-004	0.0563	0.0148	4.1000e-004	0.0152		57.2029	57.2029	2.8100e-003		57.2620

3.3 Architectural Coating - 2017

Mitigated Construction On-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.5308					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3320	2.1830	1.8664	2.9700e-003		0.1732	0.1732		0.1732	0.1732	0.0000	281.1898	281.1898	0.0297		281.8133
Total	3.8628	2.1830	1.8664	2.9700e-003		0.1732	0.1732		0.1732	0.1732	0.0000	281.1898	281.1898	0.0297		281.8133

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0934	0.0235	0.2935	7.1000e-004	0.0559	4.5000e-004	0.0563	0.0148	4.1000e-004	0.0152		57.2029	57.2029	2.8100e-003		57.2620
Total	0.0934	0.0235	0.2935	7.1000e-004	0.0559	4.5000e-004	0.0563	0.0148	4.1000e-004	0.0152		57.2029	57.2029	2.8100e-003		57.2620

LSBUSD - Jordan High School - Phase 5
South Coast Air Basin, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
High School	21.47	1000sqft	0.80	21,470.00	0
City Park	4.00	Acre	4.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	9			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	630.89	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	18.00	434.00
tblConstructionPhase	NumDays	230.00	434.00
tblConstructionPhase	NumDays	20.00	25.00
tblConstructionPhase	NumDays	5.00	62.00
tblConstructionPhase	PhaseEndDate	2/26/2026	6/30/2024
tblConstructionPhase	PhaseEndDate	6/28/2024	6/30/2024
tblConstructionPhase	PhaseStartDate	7/1/2024	11/1/2022
tblGrading	AcresOfGrading	0.00	4.80
tblLandscapeEquipment	NumberSummerDays	250	365
tblLandUse	LandUseSquareFeet	174,240.00	0.00
tblLandUse	LotAcreage	0.49	0.80
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblProjectCharacteristics	OperationalYear	2014	2024

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					
2022	2.7346	13.9138	15.0122	0.0245	6.1601	0.6495	6.6463	3.3339	0.6096	3.7812	0.0000	2,316.4632	2,316.4632	0.4826	0.0000	2,326.5969
2023	2.6252	11.1957	12.5492	0.0237	0.1480	0.5209	0.6688	0.0397	0.4995	0.5393	0.0000	2,189.3423	2,189.3423	0.3598	0.0000	2,196.8990
2024	2.5361	10.4691	12.4499	0.0237	0.1480	0.4577	0.6057	0.0397	0.4386	0.4784	0.0000	2,188.8048	2,188.8048	0.3551	0.0000	2,196.2627
Total	7.8959	35.5685	40.0113	0.0719	6.4560	1.6281	7.9208	3.4134	1.5478	4.7988	0.0000	6,694.6103	6,694.6103	1.1975	0.0000	6,719.7586

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					
2022	2.7333	13.9016	14.9993	0.0244	2.8028	0.6490	3.2885	1.5084	0.6090	1.9553	0.0000	2,314.6580	2,314.6580	0.4821	0.0000	2,324.7826
2023	2.6240	11.1756	12.5384	0.0237	0.1480	0.5204	0.6684	0.0397	0.4991	0.5388	0.0000	2,187.5053	2,187.5053	0.3595	0.0000	2,195.0552
2024	2.5350	10.4596	12.4391	0.0237	0.1480	0.4573	0.6053	0.0397	0.4382	0.4780	0.0000	2,186.9677	2,186.9677	0.3548	0.0000	2,194.4189
Total	7.8923	35.5368	39.9768	0.0718	3.0987	1.6266	4.5621	1.5879	1.5464	2.9721	0.0000	6,689.1311	6,689.1311	1.1965	0.0000	6,714.2566

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.0452	0.0892	0.0862	0.0835	52.0028	0.0903	42.4030	53.4809	0.0911	38.0668	0.0000	0.0818	0.0818	0.0910	0.0000	0.0819

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	7/1/2022	8/4/2022	5	25	
2	Site Preparation	Site Preparation	8/5/2022	10/31/2022	5	62	
3	Building Construction	Building Construction	11/1/2022	6/30/2024	5	434	
4	Architectural Coating	Architectural Coating	11/1/2022	6/30/2024	5	434	

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	1	8.00	162	0.38
Demolition	Rubber Tired Dozers	1	8.00	255	0.40
Site Preparation	Rubber Tired Dozers	1	8.00	255	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Cranes	1	7.00	226	0.29
Building Construction	Forklifts	1	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

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	3	8.00	0.00	98.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	9.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	2.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2022

Unmitigated Construction On-Site

Acres of Grading: 4.8

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.8453	0.0000	0.8453	0.1280	0.0000	0.1280			0.0000			0.0000
Off-Road	1.4194	13.2721	14.0090	0.0205		0.6339	0.6339		0.5952	0.5952		1,967.6050	1,967.6050	0.4770		1,977.6223
Total	1.4194	13.2721	14.0090	0.0205	0.8453	0.6339	1.4792	0.1280	0.5952	0.7232		1,967.6050	1,967.6050	0.4770		1,977.6223

3.2 Demolition - 2022

Unmitigated Construction Off-Site

Acres of Grading: 4.8

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1019	0.6162	0.6793	2.8700e-003	0.0683	0.0150	0.0833	0.0187	0.0138	0.0325		270.0803	270.0803	2.1500e-003		270.1254
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1151	0.0255	0.3239	1.1300e-003	0.0894	6.8000e-004	0.0901	0.0237	6.3000e-004	0.0244		78.7779	78.7779	3.4000e-003		78.8493
Total	0.2170	0.6417	1.0032	4.0000e-003	0.1578	0.0156	0.1734	0.0424	0.0144	0.0568		348.8582	348.8582	5.5500e-003		348.9747

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.3804	0.0000	0.3804	0.0576	0.0000	0.0576			0.0000			0.0000
Off-Road	1.4181	13.2600	13.9962	0.0204		0.6333	0.6333		0.5946	0.5946	0.0000	1,965.7998	1,965.7998	0.4766		1,975.8079
Total	1.4181	13.2600	13.9962	0.0204	0.3804	0.6333	1.0137	0.0576	0.5946	0.6522	0.0000	1,965.7998	1,965.7998	0.4766		1,975.8079

3.2 Demolition - 2022

Mitigated Construction Off-Site

Acres of Grading: 4.8

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1019	0.6162	0.6793	2.8700e-003	1.3122	0.0150	1.3271	0.3240	0.0138	0.3378		270.0803	270.0803	2.1500e-003		270.1254
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1151	0.0255	0.3239	1.1300e-003	0.0894	6.8000e-004	0.0901	0.0237	6.3000e-004	0.0244		78.7779	78.7779	3.4000e-003		78.8493
Total	0.2170	0.6417	1.0032	4.0000e-003	1.4016	0.0156	1.4172	0.3477	0.0144	0.3621		348.8582	348.8582	5.5500e-003		348.9747

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.1042	0.0000	6.1042	3.3191	0.0000	3.3191			0.0000			0.0000
Off-Road	1.0188	10.3246	9.2447	0.0120		0.4857	0.4857		0.4469	0.4469		1,163.5054	1,163.5054	0.3763		1,171.4077
Total	1.0188	10.3246	9.2447	0.0120	6.1042	0.4857	6.5899	3.3191	0.4469	3.7660		1,163.5054	1,163.5054	0.3763		1,171.4077

3.3 Site Preparation - 2022

Unmitigated Construction Off-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0719	0.0159	0.2024	7.1000e-004	0.0559	4.3000e-004	0.0563	0.0148	4.0000e-004	0.0152		49.2362	49.2362	2.1200e-003		49.2808
Total	0.0719	0.0159	0.2024	7.1000e-004	0.0559	4.3000e-004	0.0563	0.0148	4.0000e-004	0.0152		49.2362	49.2362	2.1200e-003		49.2808

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					2.7469	0.0000	2.7469	1.4936	0.0000	1.4936			0.0000			0.0000
Off-Road	1.0179	10.3152	9.2363	0.0120		0.4853	0.4853		0.4465	0.4465	0.0000	1,162.4380	1,162.4380	0.3760		1,170.3330
Total	1.0179	10.3152	9.2363	0.0120	2.7469	0.4853	3.2322	1.4936	0.4465	1.9401	0.0000	1,162.4380	1,162.4380	0.3760		1,170.3330

3.3 Site Preparation - 2022

Mitigated Construction Off-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0719	0.0159	0.2024	7.1000e-004	0.0559	4.3000e-004	0.0563	0.0148	4.0000e-004	0.0152		49.2362	49.2362	2.1200e-003			49.2808
Total	0.0719	0.0159	0.2024	7.1000e-004	0.0559	4.3000e-004	0.0563	0.0148	4.0000e-004	0.0152		49.2362	49.2362	2.1200e-003			49.2808

3.4 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.1837	10.4942	10.1037	0.0183		0.5083	0.5083		0.4845	0.4845		1,720.5199	1,720.5199	0.3423			1,727.7076
Total	1.1837	10.4942	10.1037	0.0183		0.5083	0.5083		0.4845	0.4845		1,720.5199	1,720.5199	0.3423			1,727.7076

3.4 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0416	0.1803	0.3159	8.6000e-004	0.0250	3.7100e-003	0.0287	7.1200e-003	3.4100e-003	0.0105		80.8109	80.8109	5.9000e-004			80.8234
Worker	0.1295	0.0287	0.3644	1.2700e-003	0.1006	7.7000e-004	0.1014	0.0267	7.1000e-004	0.0274		88.6252	88.6252	3.8200e-003			88.7054
Total	0.1710	0.2090	0.6803	2.1300e-003	0.1256	4.4800e-003	0.1301	0.0338	4.1200e-003	0.0379		169.4361	169.4361	4.4100e-003			169.5288

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1827	10.4846	10.0944	0.0183		0.5078	0.5078		0.4840	0.4840	0.0000	1,718.9414	1,718.9414	0.3420			1,726.1225
Total	1.1827	10.4846	10.0944	0.0183		0.5078	0.5078		0.4840	0.4840	0.0000	1,718.9414	1,718.9414	0.3420			1,726.1225

3.4 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0416	0.1803	0.3159	8.6000e-004	0.0250	3.7100e-003	0.0287	7.1200e-003	3.4100e-003	0.0105		80.8109	80.8109	5.9000e-004		80.8234
Worker	0.1295	0.0287	0.3644	1.2700e-003	0.1006	7.7000e-004	0.1014	0.0267	7.1000e-004	0.0274		88.6252	88.6252	3.8200e-003		88.7054
Total	0.1710	0.2090	0.6803	2.1300e-003	0.1256	4.4800e-003	0.1301	0.0338	4.1200e-003	0.0379		169.4361	169.4361	4.4100e-003		169.5288

3.4 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0962	9.7058	10.0149	0.0183		0.4454	0.4454		0.4245	0.4245		1,720.8057	1,720.8057	0.3380		1,727.9033
Total	1.0962	9.7058	10.0149	0.0183		0.4454	0.4454		0.4245	0.4245		1,720.8057	1,720.8057	0.3380		1,727.9033

3.4 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0394	0.1439	0.3031	8.6000e-004	0.0250	3.6600e-003	0.0287	7.1200e-003	3.3700e-003	0.0105		80.4239	80.4239	5.3000e-004		80.4351
Worker	0.1240	0.0270	0.3438	1.2700e-003	0.1006	7.7000e-004	0.1014	0.0267	7.1000e-004	0.0274		87.2711	87.2711	3.6700e-003		87.3482
Total	0.1634	0.1708	0.6468	2.1300e-003	0.1256	4.4300e-003	0.1301	0.0338	4.0800e-003	0.0379		167.6950	167.6950	4.2000e-003		167.7833

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.0951	9.6969	10.0057	0.0183		0.4450	0.4450		0.4241	0.4241	0.0000	1,719.2270	1,719.2270	0.3377		1,726.3181
Total	1.0951	9.6969	10.0057	0.0183		0.4450	0.4450		0.4241	0.4241	0.0000	1,719.2270	1,719.2270	0.3377		1,726.3181

3.4 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0394	0.1439	0.3031	8.6000e-004	0.0250	3.6600e-003	0.0287	7.1200e-003	3.3700e-003	0.0105		80.4239	80.4239	5.3000e-004		80.4351
Worker	0.1240	0.0270	0.3438	1.2700e-003	0.1006	7.7000e-004	0.1014	0.0267	7.1000e-004	0.0274		87.2711	87.2711	3.6700e-003		87.3482
Total	0.1634	0.1708	0.6468	2.1300e-003	0.1256	4.4300e-003	0.1301	0.0338	4.0800e-003	0.0379		167.6950	167.6950	4.2000e-003		167.7833

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0250	9.0759	9.9423	0.0183		0.3922	0.3922		0.3735	0.3735		1,720.9620	1,720.9620	0.3344		1,727.9840
Total	1.0250	9.0759	9.9423	0.0183		0.3922	0.3922		0.3735	0.3735		1,720.9620	1,720.9620	0.3344		1,727.9840

3.4 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0387	0.1431	0.2973	8.6000e-004	0.0250	3.6700e-003	0.0287	7.1200e-003	3.3700e-003	0.0105		80.6408	80.6408	5.4000e-004		80.6522
Worker	0.1188	0.0256	0.3274	1.2800e-003	0.1006	7.8000e-004	0.1014	0.0267	7.2000e-004	0.0274		86.5261	86.5261	3.5700e-003		86.6011
Total	0.1575	0.1687	0.6247	2.1400e-003	0.1256	4.4500e-003	0.1301	0.0338	4.0900e-003	0.0379		167.1668	167.1668	4.1100e-003		167.2532

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.0241	9.0676	9.9332	0.0183		0.3918	0.3918		0.3731	0.3731	0.0000	1,719.3831	1,719.3831	0.3341		1,726.3986
Total	1.0241	9.0676	9.9332	0.0183		0.3918	0.3918		0.3731	0.3731	0.0000	1,719.3831	1,719.3831	0.3341		1,726.3986

3.4 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0387	0.1431	0.2973	8.6000e-004	0.0250	3.6700e-003	0.0287	7.1200e-003	3.3700e-003	0.0105		80.6408	80.6408	5.4000e-004		80.6522
Worker	0.1188	0.0256	0.3274	1.2800e-003	0.1006	7.8000e-004	0.1014	0.0267	7.2000e-004	0.0274		86.5261	86.5261	3.5700e-003		86.6011
Total	0.1575	0.1687	0.6247	2.1400e-003	0.1256	4.4500e-003	0.1301	0.0338	4.0900e-003	0.0379		167.1668	167.1668	4.1100e-003		167.2532

3.5 Architectural Coating - 2022

Unmitigated Construction On-Site

Acres of Paving: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1465					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		281.8329
Total	1.3510	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.8329

3.5 Architectural Coating - 2022

Unmitigated Construction Off-Site

Acres of Paving: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0288	6.3700e-003	0.0810	2.8000e-004	0.0224	1.7000e-004	0.0225	5.9300e-003	1.6000e-004	6.0900e-003		19.6945	19.6945	8.5000e-004		19.7123
Total	0.0288	6.3700e-003	0.0810	2.8000e-004	0.0224	1.7000e-004	0.0225	5.9300e-003	1.6000e-004	6.0900e-003		19.6945	19.6945	8.5000e-004		19.7123

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1465					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2044	1.4072	1.8119	2.9700e-003		0.0816	0.0816		0.0816	0.0816	0.0000	281.1898	281.1898	0.0183		281.5743
Total	1.3508	1.4072	1.8119	2.9700e-003		0.0816	0.0816		0.0816	0.0816	0.0000	281.1898	281.1898	0.0183		281.5743

3.5 Architectural Coating - 2022

Mitigated Construction Off-Site

Acres of Paving: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0288	6.3700e-003	0.0810	2.8000e-004	0.0224	1.7000e-004	0.0225	5.9300e-003	1.6000e-004	6.0900e-003		19.6945	19.6945	8.5000e-004		19.7123
Total	0.0288	6.3700e-003	0.0810	2.8000e-004	0.0224	1.7000e-004	0.0225	5.9300e-003	1.6000e-004	6.0900e-003		19.6945	19.6945	8.5000e-004		19.7123

3.5 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.1465					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8017
Total	1.3381	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8017

3.5 Architectural Coating - 2023

Unmitigated Construction Off-Site

Acres of Paving: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0276	6.0000e-003	0.0764	2.8000e-004	0.0224	1.7000e-004	0.0225	5.9300e-003	1.6000e-004	6.0900e-003		19.3936	19.3936	8.2000e-004		19.4107
Total	0.0276	6.0000e-003	0.0764	2.8000e-004	0.0224	1.7000e-004	0.0225	5.9300e-003	1.6000e-004	6.0900e-003		19.3936	19.3936	8.2000e-004		19.4107

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1465					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1915	1.3018	1.8095	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.1898	281.1898	0.0168		281.5431
Total	1.3380	1.3018	1.8095	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.1898	281.1898	0.0168		281.5431

3.5 Architectural Coating - 2023

Mitigated Construction Off-Site

Acres of Paving: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0276	6.0000e-003	0.0764	2.8000e-004	0.0224	1.7000e-004	0.0225	5.9300e-003	1.6000e-004	6.0900e-003		19.3936	19.3936	8.2000e-004		19.4107
Total	0.0276	6.0000e-003	0.0764	2.8000e-004	0.0224	1.7000e-004	0.0225	5.9300e-003	1.6000e-004	6.0900e-003		19.3936	19.3936	8.2000e-004		19.4107

3.5 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.1465					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.7809
Total	1.3272	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.7809

3.5 Architectural Coating - 2024

Unmitigated Construction Off-Site

Acres of Paving: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0264	5.6800e-003	0.0728	2.8000e-004	0.0224	1.7000e-004	0.0225	5.9300e-003	1.6000e-004	6.0900e-003		19.2280	19.2280	7.9000e-004		19.2447
Total	0.0264	5.6800e-003	0.0728	2.8000e-004	0.0224	1.7000e-004	0.0225	5.9300e-003	1.6000e-004	6.0900e-003		19.2280	19.2280	7.9000e-004		19.2447

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1465					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1806	1.2177	1.8085	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.1898	281.1898	0.0158		281.5223
Total	1.3271	1.2177	1.8085	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.1898	281.1898	0.0158		281.5223

3.5 Architectural Coating - 2024

Mitigated Construction Off-Site

Acres of Paving: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0264	5.6800e-003	0.0728	2.8000e-004	0.0224	1.7000e-004	0.0225	5.9300e-003	1.6000e-004	6.0900e-003		19.2280	19.2280	7.9000e-004		19.2447
Total	0.0264	5.6800e-003	0.0728	2.8000e-004	0.0224	1.7000e-004	0.0225	5.9300e-003	1.6000e-004	6.0900e-003		19.2280	19.2280	7.9000e-004		19.2447

LSBUSD - Jordan High School - Phase 6

South Coast Air Basin, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
High School	70.00	1000sqft	2.00	70,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	9			Operational Year	2025
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	630.89	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	10.00	522.00
tblConstructionPhase	NumDays	200.00	522.00
tblConstructionPhase	PhaseEndDate	6/29/2028	6/30/2026
tblConstructionPhase	PhaseStartDate	7/1/2026	7/1/2024
tblLandscapeEquipment	NumberSummerDays	250	365
tblLandUse	LotAcreage	1.61	2.00
tblProjectCharacteristics	OperationalYear	2014	2025
tblVehicleTrips	ST_TR	4.37	0.00
tblVehicleTrips	SU_TR	1.79	0.00
tblVehicleTrips	WD_TR	12.89	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					
2024	5.4468	14.4594	17.9627	0.0352	0.4600	0.6089	1.0689	0.1233	0.5854	0.7087	0.0000	3,117,259 0	3,117,259 0	0.4538	0.0000	3,126,788 2
2025	5.3107	13.5857	17.7882	0.0352	0.4600	0.5317	0.9917	0.1234	0.5108	0.6341	0.0000	3,113,267 3	3,113,267 3	0.4464	0.0000	3,122,640 6
2026	5.2921	13.5700	17.7331	0.0352	0.4600	0.5313	0.9913	0.1234	0.5104	0.6337	0.0000	3,109,533 3	3,109,533 3	0.4459	0.0000	3,118,897 6
Total	16.0495	41.6150	53.4939	0.1057	1.3800	1.6720	3.0520	0.3700	1.6065	1.9765	0.0000	9,340,059 6	9,340,059 6	1.3460	0.0000	9,368,326 4

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					
2024	5.4452	14.4465	17.9481	0.0352	0.4600	0.6084	1.0684	0.1233	0.5848	0.7082	0.0000	3,114,911 3	3,114,911 3	0.4534	0.0000	3,124,432 0
2025	5.3091	13.5737	17.7837	0.0352	0.4600	0.5312	0.9913	0.1234	0.5103	0.6337	0.0000	3,110,919 3	3,110,919 3	0.4460	0.0000	3,120,284 3
2026	5.2906	13.5580	17.7186	0.0352	0.4600	0.5308	0.9908	0.1234	0.5099	0.6333	0.0000	3,107,185 4	3,107,185 4	0.4455	0.0000	3,116,541 3
Total	16.0449	41.5782	53.4504	0.1056	1.3800	1.6705	3.0505	0.3700	1.6051	1.9751	0.0000	9,333,015 9	9,333,015 9	1.3448	0.0000	9,361,257 7

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.0290	0.0886	0.0814	0.0757	0.0000	0.0897	0.0491	0.0000	0.0896	0.0723	0.0000	0.0754	0.0754	0.0892	0.0000	0.0755

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Building Construction	Building Construction	7/1/2024	6/30/2026	5	522	
2	Architectural Coating	Architectural Coating	7/1/2024	6/30/2026	5	522	

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Cranes	1	8.00	226	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Welders	3	8.00	46	0.45
Architectural Coating	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
Building Construction	8	29.00	11.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	6.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Building Construction - 2024

Unmitigated Construction On-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.5899	12.7476	14.0618	0.0249		0.5349	0.5349		0.5124	0.5124		2,277.5587	2,277.5587	0.4225		2,286.4320
Total	1.5899	12.7476	14.0618	0.0249		0.5349	0.5349		0.5124	0.5124		2,277.5587	2,277.5587	0.4225		2,286.4320

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1065	0.3936	0.8176	2.3700e-003	0.0688	0.0101	0.0789	0.0196	9.2700e-003	0.0289		221.7621	221.7621	1.4900e-003		221.7934
Worker	0.3827	0.0824	1.0550	4.1200e-003	0.3242	2.5000e-003	0.3267	0.0860	2.3200e-003	0.0883		278.8062	278.8062	0.0115		279.0479
Total	0.4891	0.4759	1.8725	6.4900e-003	0.3929	0.0126	0.4055	0.1056	0.0116	0.1172		500.5683	500.5683	0.0130		500.8413

3.2 Building Construction - 2024

Mitigated Construction On-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.5885	12.7359	14.0489	0.0249		0.5344	0.5344		0.5119	0.5119	0.0000	2,275,469.2	2,275,469.2	0.4222		2,284,334.4
Total	1.5885	12.7359	14.0489	0.0249		0.5344	0.5344		0.5119	0.5119	0.0000	2,275,469.2	2,275,469.2	0.4222		2,284,334.4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1065	0.3936	0.8176	2.3700e-003	0.0688	0.0101	0.0789	0.0196	9.2700e-003	0.0289		221.7621	221.7621	1.4900e-003		221.7934
Worker	0.3827	0.0824	1.0550	4.1200e-003	0.3242	2.5000e-003	0.3267	0.0860	2.3200e-003	0.0883		278.8062	278.8062	0.0115		279.0479
Total	0.4891	0.4759	1.8725	6.4900e-003	0.3929	0.0126	0.4055	0.1056	0.0116	0.1172		500.5683	500.5683	0.0130		500.8413

3.2 Building Construction - 2025

Unmitigated Construction On-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.4829	11.9547	13.9696	0.0249		0.4671	0.4671		0.4471	0.4471		2,277,794.0	2,277,794.0	0.4160		2,286,530.9
Total	1.4829	11.9547	13.9696	0.0249		0.4671	0.4671		0.4471	0.4471		2,277,794.0	2,277,794.0	0.4160		2,286,530.9

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1049	0.3909	0.8037	2.3700e-003	0.0688	0.0101	0.0789	0.0196	9.3200e-003	0.0289		221.7678	221.7678	1.5000e-003		221.7993
Worker	0.3681	0.0783	1.0073	4.1200e-003	0.3242	2.5100e-003	0.3267	0.0860	2.3300e-003	0.0883		275.2990	275.2990	0.0112		275.5331
Total	0.4730	0.4692	1.8110	6.4900e-003	0.3929	0.0126	0.4056	0.1056	0.0117	0.1172		497.0668	497.0668	0.0127		497.3324

3.2 Building Construction - 2025

Mitigated Construction On-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.4816	11.9438	13.9568	0.0249		0.4666	0.4666		0.4467	0.4467	0.0000	2,275.7043	2,275.7043	0.4157		2,284.4331
Total	1.4816	11.9438	13.9568	0.0249		0.4666	0.4666		0.4467	0.4467	0.0000	2,275.7043	2,275.7043	0.4157		2,284.4331

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1049	0.3909	0.8037	2.3700e-003	0.0688	0.0101	0.0789	0.0196	9.3200e-003	0.0289		221.7678	221.7678	1.5000e-003		221.7993
Worker	0.3681	0.0783	1.0073	4.1200e-003	0.3242	2.5100e-003	0.3267	0.0860	2.3300e-003	0.0883		275.2990	275.2990	0.0112		275.5331
Total	0.4730	0.4692	1.8110	6.4900e-003	0.3929	0.0126	0.4056	0.1056	0.0117	0.1172		497.0668	497.0668	0.0127		497.3324

3.2 Building Construction - 2026

Unmitigated Construction On-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.4829	11.9547	13.9696	0.0249		0.4671	0.4671		0.4471	0.4471		2,277.7940	2,277.7940	0.4160		2,286.5309
Total	1.4829	11.9547	13.9696	0.0249		0.4671	0.4671		0.4471	0.4471		2,277.7940	2,277.7940	0.4160		2,286.5309

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1027	0.3794	0.7884	2.3700e-003	0.0688	9.7100e-003	0.0785	0.0196	8.9300e-003	0.0285		221.7179	221.7179	1.4500e-003		221.7484
Worker	0.3545	0.0749	0.9660	4.1200e-003	0.3242	2.5300e-003	0.3267	0.0860	2.3400e-003	0.0883		272.2465	272.2465	0.0108		272.4739
Total	0.4572	0.4543	1.7545	6.4900e-003	0.3929	0.0122	0.4052	0.1056	0.0113	0.1168		493.9644	493.9644	0.0123		494.2223

3.2 Building Construction - 2026

Mitigated Construction On-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.4816	11.9438	13.9568	0.0249		0.4666	0.4666		0.4467	0.4467	0.0000	2,275.7043	2,275.7043	0.4157			2,284.4331
Total	1.4816	11.9438	13.9568	0.0249		0.4666	0.4666		0.4467	0.4467	0.0000	2,275.7043	2,275.7043	0.4157			2,284.4331

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.1027	0.3794	0.7884	2.3700e-003	0.0688	9.7100e-003	0.0785	0.0196	8.9300e-003	0.0285		221.7179	221.7179	1.4500e-003			221.7484
Worker	0.3545	0.0749	0.9660	4.1200e-003	0.3242	2.5300e-003	0.3267	0.0860	2.3400e-003	0.0883		272.2465	272.2465	0.0108			272.4739
Total	0.4572	0.4543	1.7545	6.4900e-003	0.3929	0.0122	0.4052	0.1056	0.0113	0.1168		493.9644	493.9644	0.0123			494.2223

3.3 Architectural Coating - 2024

Unmitigated Construction On-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.1078					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000	
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159			281.7809
Total	3.2885	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159			281.7809

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000	
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000	
Worker	0.0792	0.0170	0.2183	8.5000e-004	0.0671	5.2000e-004	0.0676	0.0178	4.8000e-004	0.0183		57.6840	57.6840	2.3800e-003			57.7340
Total	0.0792	0.0170	0.2183	8.5000e-004	0.0671	5.2000e-004	0.0676	0.0178	4.8000e-004	0.0183		57.6840	57.6840	2.3800e-003			57.7340

3.3 Architectural Coating - 2024

Mitigated Construction On-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.1078					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1806	1.2177	1.8085	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.1898	281.1898	0.0158		281.5223
Total	3.2884	1.2177	1.8085	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.1898	281.1898	0.0158		281.5223

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0792	0.0170	0.2183	8.5000e-004	0.0671	5.2000e-004	0.0676	0.0178	4.8000e-004	0.0183		57.6840	57.6840	2.3800e-003		57.7340
Total	0.0792	0.0170	0.2183	8.5000e-004	0.0671	5.2000e-004	0.0676	0.0178	4.8000e-004	0.0183		57.6840	57.6840	2.3800e-003		57.7340

3.3 Architectural Coating - 2025

Unmitigated Construction On-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.1078					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.7705
Total	3.2786	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.7705

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0762	0.0162	0.2084	8.5000e-004	0.0671	5.2000e-004	0.0676	0.0178	4.8000e-004	0.0183		56.9584	56.9584	2.3100e-003		57.0068
Total	0.0762	0.0162	0.2084	8.5000e-004	0.0671	5.2000e-004	0.0676	0.0178	4.8000e-004	0.0183		56.9584	56.9584	2.3100e-003		57.0068

3.3 Architectural Coating - 2025

Mitigated Construction On-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.1078					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1707	1.1445	1.8075	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.1898	281.1898	0.0153		281.5119
Total	3.2785	1.1445	1.8075	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.1898	281.1898	0.0153		281.5119

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0762	0.0162	0.2084	8.5000e-004	0.0671	5.2000e-004	0.0676	0.0178	4.8000e-004	0.0183		56.9584	56.9584	2.3100e-003		57.0068
Total	0.0762	0.0162	0.2084	8.5000e-004	0.0671	5.2000e-004	0.0676	0.0178	4.8000e-004	0.0183		56.9584	56.9584	2.3100e-003		57.0068

3.3 Architectural Coating - 2026

Unmitigated Construction On-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.1078					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.7705
Total	3.2786	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.7705

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0733	0.0155	0.1999	8.5000e-004	0.0671	5.2000e-004	0.0676	0.0178	4.8000e-004	0.0183		56.3269	56.3269	2.2400e-003		56.3739
Total	0.0733	0.0155	0.1999	8.5000e-004	0.0671	5.2000e-004	0.0676	0.0178	4.8000e-004	0.0183		56.3269	56.3269	2.2400e-003		56.3739

3.3 Architectural Coating - 2026

Mitigated Construction On-Site

Acres of Grading: 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.1078					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.1707	1.1445	1.8075	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.1898	281.1898	0.0153			281.5119
Total	3.2785	1.1445	1.8075	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.1898	281.1898	0.0153			281.5119

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0733	0.0155	0.1999	8.5000e-004	0.0671	5.2000e-004	0.0676	0.0178	4.8000e-004	0.0183		56.3269	56.3269	2.2400e-003			56.3739
Total	0.0733	0.0155	0.1999	8.5000e-004	0.0671	5.2000e-004	0.0676	0.0178	4.8000e-004	0.0183		56.3269	56.3269	2.2400e-003			56.3739

LSBUSD - Jordan High School - Phase 1A
South Coast Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
High School	70.56	1000sqft	3.20	70,560.00	0
Other Non-Asphalt Surfaces	100.00	1000sqft	2.30	100,000.00	0
Parking Lot	50.00	1000sqft	0.50	50,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	9			Operational Year	2014
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	630.89	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

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					
2014	0.4400	3.1044	2.3505	3.1400e-003	0.2436	0.1891	0.4327	0.1146	0.1765	0.2911	0.0000	286.7762	286.7762	0.0668	0.0000	288.1789
Total	0.4400	3.1044	2.3505	3.1400e-003	0.2436	0.1891	0.4327	0.1146	0.1765	0.2911	0.0000	286.7762	286.7762	0.0668	0.0000	288.1789

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					
2014	0.4396	3.1008	2.3482	3.1400e-003	0.1437	0.1889	0.3326	0.0605	0.1763	0.2368	0.0000	286.4977	286.4977	0.0667	0.0000	287.8987
Total	0.4396	3.1008	2.3482	3.1400e-003	0.1437	0.1889	0.3326	0.0605	0.1763	0.2368	0.0000	286.4977	286.4977	0.0667	0.0000	287.8987

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.0886	0.1173	0.1008	0.0000	41.0231	0.1163	23.1443	47.2040	0.1190	18.6603	0.0000	0.0971	0.0971	0.1048	0.0000	0.0972

LSBUSD - Jordan High School - Phase 1B
South Coast Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
High School	144.39	1000sqft	3.70	144,390.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	9			Operational Year	2016
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

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					
2014	0.4838	2.9310	2.2168	2.5200e-003	0.5155	0.1690	0.6845	0.2642	0.1571	0.4213	0.0000	234.3292	234.3292	0.0596	0.0000	235.5802
2015	1.7672	4.3179	3.3414	5.1800e-003	0.1046	0.3060	0.4106	0.0278	0.2895	0.3172	0.0000	453.4522	453.4522	0.0900	0.0000	455.3413
2016	0.8540	2.0357	1.6165	2.5800e-003	0.0522	0.1411	0.1933	0.0139	0.1334	0.1472	0.0000	222.9134	222.9134	0.0436	0.0000	223.8295
Total	3.1051	9.2846	7.1747	0.0103	0.6723	0.6161	1.2884	0.3058	0.5799	0.8857	0.0000	910.6949	910.6949	0.1932	0.0000	914.7510

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					
2014	0.4835	2.9276	2.2144	2.5200e-003	0.2516	0.1688	0.4204	0.1240	0.1570	0.2809	0.0000	234.0797	234.0797	0.0595	0.0000	235.3292
2015	1.7666	4.3129	3.3382	5.1700e-003	0.1251	0.3057	0.4308	0.0328	0.2891	0.3219	0.0000	453.0338	453.0338	0.0899	0.0000	454.9208
2016	0.8538	2.0333	1.6149	2.5800e-003	0.0623	0.1410	0.2033	0.0164	0.1332	0.1495	0.0000	222.7065	222.7065	0.0436	0.0000	223.6215
Total	3.1038	9.2737	7.1675	0.0103	0.4391	0.6154	1.0544	0.1731	0.5793	0.7524	0.0000	909.8199	909.8199	0.1929	0.0000	913.8714

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.0406	0.1175	0.1006	0.0973	34.6924	0.1169	18.1583	43.3864	0.1173	15.0565	0.0000	0.0961	0.0961	0.1139	0.0000	0.0962

LSBUSD - Jordan High School - Phase 1C
South Coast Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
High School	33.61	1000sqft	1.68	33,610.00	0
Parking Lot	91.00	Space	0.82	36,400.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	9			Operational Year	2016
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW/hr)	630.89	CH4 Intensity (lb/MW/hr)	0.029	N2O Intensity (lb/MW/hr)	0.006

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2016	0.2646	1.9855	1.3198	2.0500e-003	0.0226	0.1091	0.1316	4.8000e-003	0.1021	0.1069	0.0000	185.0793	185.0793	0.0478	0.0000	186.0827
2017	0.8923	4.4721	3.1282	6.5200e-003	0.0500	0.2473	0.2973	0.0133	0.2364	0.2497	0.0000	565.5625	565.5625	0.1319	0.0000	568.3326
2018	0.4087	1.9868	1.5065	3.2600e-003	0.0251	0.1057	0.1307	6.6500e-003	0.1012	0.1078	0.0000	278.8472	278.8472	0.0643	0.0000	280.1984
Total	1.5657	8.4444	5.9545	0.0118	0.0976	0.4620	0.5596	0.0247	0.4396	0.4643	0.0000	1,029,488.9	1,029,488.9	0.2440	0.0000	1,034,613.6

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2016	0.2644	1.9832	1.3183	2.0400e-003	0.0235	0.1089	0.1324	5.5700e-003	0.1019	0.1075	0.0000	184.8738	184.8738	0.0477	0.0000	185.8761
2017	0.8917	4.4668	3.1248	6.5200e-003	0.0705	0.2470	0.3174	0.0183	0.2361	0.2544	0.0000	564.9435	564.9435	0.1318	0.0000	567.7104
2018	0.4085	1.9845	1.5048	3.2500e-003	0.0352	0.1056	0.1408	9.1500e-003	0.1010	0.1102	0.0000	278.5414	278.5414	0.0643	0.0000	279.8910
Total	1.5645	8.4344	5.9479	0.0118	0.1291	0.4615	0.5906	0.0330	0.4391	0.4721	0.0000	1,028,358.7	1,028,358.7	0.2438	0.0000	1,033,477.4

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.0766	0.1182	0.1103	0.1691	-32.2749	0.1190	-5.5357	-33.5220	0.1206	-1.6712	0.0000	0.1098	0.1098	0.1106	0.0000	0.1098

LSBUSD - Jordan High School - Phases 2A-2B
South Coast Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
High School	37.88	1000sqft	3.20	37,880.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	9	Operational Year		2018	
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2016	0.5777	1.0893	0.7787	1.1200e-003	0.0132	0.0712	0.0844	2.8100e-003	0.0671	0.0699	0.0000	100.2259	100.2259	0.0227	0.0000	100.7032
Total	0.5777	1.0893	0.7787	1.1200e-003	0.0132	0.0712	0.0844	2.8100e-003	0.0671	0.0699	0.0000	100.2259	100.2259	0.0227	0.0000	100.7032

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2016	0.5776	1.0880	0.7779	1.1200e-003	0.0131	0.0711	0.0842	3.1100e-003	0.0670	0.0701	0.0000	100.1162	100.1162	0.0227	0.0000	100.5930
Total	0.5776	1.0880	0.7779	1.1200e-003	0.0131	0.0711	0.0842	3.1100e-003	0.0670	0.0701	0.0000	100.1162	100.1162	0.0227	0.0000	100.5930

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.0260	0.1175	0.1117	0.0000	0.5299	0.1265	0.1897	-10.6762	0.1192	-0.3291	0.0000	0.1094	0.1094	0.0880	0.0000	0.1094

LSBUSD - Jordan High School - Phases 2A-2B
South Coast Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
High School	70.82	1000sqft	2.70	70,820.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	9			Operational Year	2020
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

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	0.2733	1.5723	1.1911	1.8700e-003	0.0300	0.0852	0.1152	6.1200e-003	0.0800	0.0861	0.0000	162.5380	162.5380	0.0389	0.0000	163.3545
2019	0.9413	2.7111	2.4401	4.2700e-003	0.0515	0.1588	0.2103	0.0137	0.1529	0.1666	0.0000	348.5877	348.5877	0.0614	0.0000	349.8767
2020	0.4479	1.2446	1.1843	2.1300e-003	0.0257	0.0687	0.0944	6.8200e-003	0.0662	0.0730	0.0000	171.4004	171.4004	0.0294	0.0000	172.0185
Total	1.6626	5.5281	4.8155	8.2700e-003	0.1072	0.3127	0.4199	0.0266	0.2991	0.3257	0.0000	682.5261	682.5261	0.1297	0.0000	685.2497

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	0.2731	1.5705	1.1897	1.8700e-003	0.0459	0.0851	0.1310	0.0109	0.0799	0.0908	0.0000	162.3633	162.3633	0.0388	0.0000	163.1789
2019	0.9409	2.7079	2.4375	4.2600e-003	0.0515	0.1586	0.2101	0.0137	0.1527	0.1664	0.0000	348.2242	348.2242	0.0613	0.0000	349.5117
2020	0.4477	1.2432	1.1830	2.1200e-003	0.0257	0.0687	0.0943	6.8200e-003	0.0661	0.0729	0.0000	171.2210	171.2210	0.0294	0.0000	171.8383
Total	1.6617	5.5215	4.8103	8.2500e-003	0.1231	0.3123	0.4355	0.0314	0.2987	0.3301	0.0000	681.8085	681.8085	0.1296	0.0000	684.5289

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.0505	0.1178	0.1092	0.2418	-14.9029	0.1215	-3.7154	-17.8746	0.1170	-1.3571	0.0000	0.1051	0.1051	0.1079	0.0000	0.1052

LSBUSD - Jordan High School - Phases 3A-3B
South Coast Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
High School	44.71	1000sqft	0.70	44,710.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	9	Operational Year		2022	
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

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					
2020	0.2266	0.6617	0.6592	1.1700e-003	0.0195	0.0375	0.0570	5.2300e-003	0.0351	0.0403	0.0000	97.6605	97.6605	0.0211	0.0000	98.1036
2021	0.4326	1.1778	1.2767	2.3200e-003	0.0386	0.0633	0.1019	0.0104	0.0593	0.0696	0.0000	192.7141	192.7141	0.0414	0.0000	193.5829
2022	0.2069	0.5166	0.6197	1.1500e-003	0.0191	0.0263	0.0454	5.1200e-003	0.0246	0.0297	0.0000	95.0713	95.0713	0.0204	0.0000	95.4993
Total	0.8661	2.3562	2.5556	4.6400e-003	0.0771	0.1271	0.2042	0.0207	0.1189	0.1396	0.0000	385.4459	385.4459	0.0829	0.0000	387.1858

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					
2020	0.2265	0.6610	0.6585	1.1700e-003	0.0195	0.0374	0.0569	5.2300e-003	0.0350	0.0403	0.0000	97.5703	97.5703	0.0211	0.0000	98.0128
2021	0.4325	1.1765	1.2754	2.3200e-003	0.0386	0.0633	0.1018	0.0104	0.0592	0.0695	0.0000	192.5356	192.5356	0.0413	0.0000	193.4034
2022	0.2068	0.5160	0.6191	1.1400e-003	0.0191	0.0263	0.0453	5.1200e-003	0.0246	0.0297	0.0000	94.9830	94.9830	0.0204	0.0000	95.4105
Total	0.8658	2.3535	2.5530	4.6300e-003	0.0771	0.1270	0.2041	0.0207	0.1188	0.1395	0.0000	385.0888	385.0888	0.0828	0.0000	386.8267

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.0323	0.1129	0.0998	0.2155	0.0000	0.1180	0.0686	0.0000	0.1177	0.1003	0.0000	0.0926	0.0926	0.1086	0.0000	0.0927

LSBUSD - Jordan High School - Phase 4
South Coast Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
High School	59.57	1000sqft	0.80	59,570.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	9	Operational Year		2014	
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2016	0.3972	1.1242	0.8580	1.3400e-003	0.0256	0.0756	0.1011	6.8800e-003	0.0705	0.0774	0.0000	119.8723	119.8723	0.0243	0.0000	120.3821
2017	0.7619	2.0598	1.6471	2.6700e-003	0.0508	0.1357	0.1865	0.0137	0.1267	0.1403	0.0000	233.7167	233.7167	0.0476	0.0000	234.7158
Total	1.1591	3.1839	2.5051	4.0100e-003	0.0764	0.2113	0.2877	0.0205	0.1972	0.2177	0.0000	353.5890	353.5890	0.0719	0.0000	355.0979

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2016	0.3971	1.1229	0.8572	1.3400e-003	0.0256	0.0755	0.1011	6.8800e-003	0.0705	0.0773	0.0000	119.7691	119.7691	0.0243	0.0000	120.2783
2017	0.7616	2.0575	1.6456	2.6600e-003	0.0508	0.1356	0.1864	0.0137	0.1265	0.1402	0.0000	233.5146	233.5146	0.0475	0.0000	234.5125
Total	1.1587	3.1804	2.5028	4.0000e-003	0.0764	0.2110	0.2874	0.0205	0.1970	0.2175	0.0000	353.2836	353.2836	0.0718	0.0000	354.7908

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.0328	0.1115	0.0922	0.2494	0.0000	0.1183	0.0869	0.0000	0.1166	0.1010	0.0000	0.0864	0.0864	0.1252	0.0000	0.0865

LSBUSD - Jordan High School - Phase 5
South Coast Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
High School	21.47	1000sqft	0.80	21,470.00	0
City Park	4.00	Acre	4.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	9			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	630.89	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.1148	0.7619	0.7606	1.2200e-003	0.2066	0.0363	0.2429	0.1063	0.0340	0.1404	0.0000	103.8807	103.8807	0.0234	0.0000	104.3724
2023	0.3423	1.4554	1.6354	3.0700e-003	0.0189	0.0677	0.0866	5.0800e-003	0.0649	0.0700	0.0000	257.5547	257.5547	0.0424	0.0000	258.4459
2024	0.1654	0.6811	0.8112	1.5400e-003	9.4500e-003	0.0298	0.0392	2.5400e-003	0.0285	0.0311	0.0000	128.7470	128.7470	0.0209	0.0000	129.1868
Total	0.6225	2.8984	3.2071	5.8300e-003	0.2350	0.1337	0.3687	0.1139	0.1275	0.2414	0.0000	490.1824	490.1824	0.0868	0.0000	492.0051

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.1147	0.7610	0.7597	1.2200e-003	0.1120	0.0362	0.1482	0.0526	0.0340	0.0866	0.0000	103.7677	103.7677	0.0234	0.0000	104.2588
2023	0.3421	1.4537	1.6335	3.0700e-003	0.0189	0.0676	0.0865	5.0800e-003	0.0649	0.0700	0.0000	257.2738	257.2738	0.0424	0.0000	258.1640
2024	0.1653	0.6803	0.8103	1.5400e-003	9.4500e-003	0.0297	0.0392	2.5400e-003	0.0285	0.0310	0.0000	128.6065	128.6065	0.0209	0.0000	129.0458
Total	0.6221	2.8950	3.2035	5.8300e-003	0.1403	0.1336	0.2739	0.0602	0.1273	0.1876	0.0000	489.6480	489.6480	0.0867	0.0000	491.4686

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.0610	0.1170	0.1123	0.0000	40.2902	0.1122	25.7201	47.1564	0.1177	22.3129	0.0000	0.1090	0.1090	0.1152	0.0000	0.1090

LSBUSD - Jordan High School - Phase 6
South Coast Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
High School	70.00	1000sqft	2.00	70,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	9	Operational Year		2025	
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	630.89	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

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					
2024	0.3611	0.9562	1.1901	2.3100e-003	0.0298	0.0402	0.0700	8.0100e-003	0.0386	0.0466	0.0000	185.6160	185.6160	0.0272	0.0000	186.1866
2025	0.6961	1.7765	2.3316	4.5600e-003	0.0590	0.0694	0.1283	0.0158	0.0667	0.0825	0.0000	366.5603	366.5603	0.0528	0.0000	367.6701
2026	0.3428	0.8769	1.1482	2.2600e-003	0.0291	0.0343	0.0634	7.8200e-003	0.0329	0.0408	0.0000	180.9633	180.9633	0.0261	0.0000	181.5112
Total	1.4001	3.6096	4.6698	9.1300e-003	0.1179	0.1439	0.2618	0.0317	0.1382	0.1699	0.0000	733.1396	733.1396	0.1061	0.0000	735.3679

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					
2024	0.3610	0.9551	1.1889	2.3100e-003	0.0298	0.0401	0.0700	8.0100e-003	0.0386	0.0466	0.0000	185.4338	185.4338	0.0271	0.0000	186.0037
2025	0.6959	1.7744	2.3291	4.5600e-003	0.0590	0.0693	0.1283	0.0158	0.0666	0.0824	0.0000	366.1999	366.1999	0.0528	0.0000	367.3084
2026	0.3427	0.8759	1.1470	2.2500e-003	0.0291	0.0342	0.0634	7.8200e-003	0.0329	0.0407	0.0000	180.7851	180.7851	0.0261	0.0000	181.3325
Total	1.3995	3.6054	4.6649	9.1200e-003	0.1179	0.1437	0.2616	0.0317	0.1381	0.1697	0.0000	732.4188	732.4188	0.1060	0.0000	734.6445

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.0379	0.1144	0.1051	0.1095	0.0000	0.1182	0.0611	0.0000	0.1158	0.0942	0.0000	0.0983	0.0983	0.1131	0.0000	0.0984

LBUSD - Jordan High School - Existing Conditions
South Coast Air Basin, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
High School	363.00	1000sqft	26.90	363,000.00	3930

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	9	Operational Year		2013	
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	630.89	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - Current building square footage, acreage, and students
- Construction Phase - Operational estimates only
- Off-road Equipment - Operational estimates only
- Vehicle Emission Factors -
- Vehicle Emission Factors -
- Vehicle Emission Factors -
- Landscape Equipment -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	0.00
tblLandUse	LotAcreage	8.33	26.90
tblLandUse	Population	0.00	3,930.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblProjectCharacteristics	OperationalYear	2014	2013
tblTripsAndVMT	WorkerTripNumber	8.00	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	lb/day										lb/day					
Area	9.4963	3.8000e-004	0.0392	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004		0.0794	0.0794	2.5000e-004		0.0846
Energy	0.1168	1.0618	0.8919	6.3700e-003		0.0807	0.0807		0.0807	0.0807		1,274.1563	1,274.1563	0.0244	0.0234	1,281.9106
Mobile	84.6623	81.1126	335.1641	0.6223	42.3354	1.6738	44.0091	11.3078	1.5367	12.8445		58,813.3657	58,813.3657	2.7765		58,871.6715
Total	94.2754	82.1748	336.0952	0.6286	42.3354	1.7546	44.0900	11.3078	1.6175	12.9253		60,087.6015	60,087.6015	2.8011	0.0234	60,153.6668

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	9.4963	3.8000e-004	0.0392	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004		0.0794	0.0794	2.5000e-004		0.0846
Energy	0.1168	1.0618	0.8919	6.3700e-003		0.0807	0.0807		0.0807	0.0807		1,274.1563	1,274.1563	0.0244	0.0234	1,281.9106
Mobile	84.6623	81.1126	335.1641	0.6223	42.3354	1.6738	44.0091	11.3078	1.5367	12.8445		58,813.3657	58,813.3657	2.7765		58,871.6715
Total	94.2754	82.1748	336.0952	0.6286	42.3354	1.7546	44.0900	11.3078	1.6175	12.9253		60,087.6015	60,087.6015	2.8011	0.0234	60,153.6668

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Unmitigated	84.6623	81.1126	335.1641	0.6223	42.3354	1.6738	44.0091	11.3078	1.5367	12.8445		58,813.3657	58,813.3657	2.7765		58,871.6715
Mitigated	84.6623	81.1126	335.1641	0.6223	42.3354	1.6738	44.0091	11.3078	1.5367	12.8445		58,813.3657	58,813.3657	2.7765		58,871.6715

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
High School	4,679.07	1,586.31	649.77	15,638,037	15,638,037
Total	4,679.07	1,586.31	649.77	15,638,037	15,638,037

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
High School	16.60	8.40	6.90	77.80	17.20	5.00	75	19	6

4.4 Fleet Mix

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.517496	0.060616	0.179855	0.141540	0.041435	0.006630	0.014687	0.026300	0.001931	0.002544	0.004287	0.000607	0.002072

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	0.1168	1.0618	0.8919	6.3700e-003		0.0807	0.0807		0.0807	0.0807		1,274.1563	1,274.1563	0.0244	0.0234	1,281.9106
NaturalGas Unmitigated	0.1168	1.0618	0.8919	6.3700e-003		0.0807	0.0807		0.0807	0.0807		1,274.1563	1,274.1563	0.0244	0.0234	1,281.9106

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					
High School	10830.3	0.1168	1.0618	0.8919	6.3700e-003		0.0807	0.0807		0.0807	0.0807		1,274.1563	1,274.1563	0.0244	0.0234	1,281.9106
Total		0.1168	1.0618	0.8919	6.3700e-003		0.0807	0.0807		0.0807	0.0807		1,274.1563	1,274.1563	0.0244	0.0234	1,281.9106

5.2 Energy by Land Use - NaturalGas

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						
High School	10.8303	0.1168	1.0618	0.8919	6.3700e-003		0.0807	0.0807		0.0807	0.0807			1,274.1563	1,274.1563	0.0244	0.0234	1,281.9106
Total		0.1168	1.0618	0.8919	6.3700e-003		0.0807	0.0807		0.0807	0.0807			1,274.1563	1,274.1563	0.0244	0.0234	1,281.9106

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					
Unmitigated	9.4963	3.8000e-004	0.0392	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004			0.0794	0.0794	2.5000e-004	0.0846
Mitigated	9.4963	3.8000e-004	0.0392	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004			0.0794	0.0794	2.5000e-004	0.0846

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	2.3048					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	7.1874					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.0500e-003	3.8000e-004	0.0392	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004			0.0794	0.0794	2.5000e-004	0.0846
Total	9.4963	3.8000e-004	0.0392	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004			0.0794	0.0794	2.5000e-004	0.0846

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	2.3048					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	7.1874					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.0500e-003	3.8000e-004	0.0392	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004			0.0794	0.0794	2.5000e-004	0.0846
Total	9.4963	3.8000e-004	0.0392	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004			0.0794	0.0794	2.5000e-004	0.0846

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

LBUSD - Jordan High School - Proposed Project
South Coast Air Basin, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
High School	453.00	1000sqft	26.90	453,000.00	3900

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	9			Operational Year	2020
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	630.89	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - Proposed project - total building square footage, acreage, and students
- Construction Phase - Operational estimates only
- Off-road Equipment - Operational estimates only
- Vehicle Emission Factors -
- Vehicle Emission Factors -
- Vehicle Emission Factors -
- Landscape Equipment -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	0.00
tblLandUse	LotAcreage	10.40	26.90
tblLandUse	Population	0.00	3,900.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblProjectCharacteristics	OperationalYear	2014	2020
tblTripsAndVMT	WorkerTripNumber	8.00	0.00

2.0 Emissions Summary

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	11.8500	4.3000e-004	0.0466	0.0000		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004		0.0991	0.0991	2.7000e-004		0.1047
Energy	0.1458	1.3251	1.1130	7.9500e-003		0.1007	0.1007		0.1007	0.1007		1,590.0629	1,590.0629	0.0305	0.0292	1,599.7397
Mobile	67.6446	57.7060	236.9934	0.7869	52.8960	1.0105	53.9065	14.1340	0.9319	15.0659		60,762.9457	60,762.9457	2.0696		60,806.4071
Total	79.6404	59.0315	238.1530	0.7949	52.8960	1.1114	54.0074	14.1340	1.0328	15.1668		62,353.1077	62,353.1077	2.1003	0.0292	62,406.2515

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	11.8500	4.3000e-004	0.0466	0.0000		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004		0.0991	0.0991	2.7000e-004		0.1047
Energy	0.1458	1.3251	1.1130	7.9500e-003		0.1007	0.1007		0.1007	0.1007		1,590.0629	1,590.0629	0.0305	0.0292	1,599.7397
Mobile	67.6446	57.7060	236.9934	0.7869	52.8960	1.0105	53.9065	14.1340	0.9319	15.0659		60,762.9457	60,762.9457	2.0696		60,806.4071
Total	79.6404	59.0315	238.1530	0.7949	52.8960	1.1114	54.0074	14.1340	1.0328	15.1668		62,353.1077	62,353.1077	2.1003	0.0292	62,406.2515

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Unmitigated	67.6446	57.7060	236.9934	0.7869	52.8960	1.0105	53.9065	14.1340	0.9319	15.0659		60,762.94 57	60,762.94 57	2.0696		60,806.40 71
Mitigated	67.6446	57.7060	236.9934	0.7869	52.8960	1.0105	53.9065	14.1340	0.9319	15.0659		60,762.94 57	60,762.94 57	2.0696		60,806.40 71

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
High School	5,839.17	1,979.61	810.87	19,515,236	19,515,236
Total	5,839.17	1,979.61	810.87	19,515,236	19,515,236

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
High School	16.60	8.40	6.90	77.80	17.20	5.00	75	19	6

4.4 Fleet Mix

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.510092	0.059583	0.181091	0.139410	0.042694	0.006692	0.016202	0.032692	0.001943	0.002491	0.004392	0.000576	0.002140

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	0.1458	1.3251	1.1130	7.9500e-003		0.1007	0.1007		0.1007	0.1007		1,590.062 9	1,590.062 9	0.0305	0.0292	1,599.739 7
NaturalGas Unmitigated	0.1458	1.3251	1.1130	7.9500e-003		0.1007	0.1007		0.1007	0.1007		1,590.062 9	1,590.062 9	0.0305	0.0292	1,599.739 7

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					
High School	13515.5	0.1458	1.3251	1.1130	7.9500e-003		0.1007	0.1007		0.1007	0.1007		1,590.062 9	1,590.062 9	0.0305	0.0292	1,599.739 7
Total		0.1458	1.3251	1.1130	7.9500e-003		0.1007	0.1007		0.1007	0.1007		1,590.062 9	1,590.062 9	0.0305	0.0292	1,599.739 7

5.2 Energy by Land Use - NaturalGas

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						
High School	13.5155	0.1458	1.3251	1.1130	7.9500e-003		0.1007	0.1007		0.1007	0.1007			1,590.0629	1,590.0629	0.0305	0.0292	1,599.7397
Total		0.1458	1.3251	1.1130	7.9500e-003		0.1007	0.1007		0.1007	0.1007			1,590.0629	1,590.0629	0.0305	0.0292	1,599.7397

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					
Unmitigated	11.8500	4.3000e-004	0.0466	0.0000		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004			0.0991	0.0991	2.7000e-004	0.1047
Mitigated	11.8500	4.3000e-004	0.0466	0.0000		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004			0.0991	0.0991	2.7000e-004	0.1047

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	2.8762					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	8.9694					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.3800e-003	4.3000e-004	0.0466	0.0000		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004			0.0991	0.0991	2.7000e-004	0.1047
Total	11.8500	4.3000e-004	0.0466	0.0000		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004			0.0991	0.0991	2.7000e-004	0.1047

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	2.8762					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	8.9694					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.3800e-003	4.3000e-004	0.0466	0.0000		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004			0.0991	0.0991	2.7000e-004	0.1047
Total	11.8500	4.3000e-004	0.0466	0.0000		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004			0.0991	0.0991	2.7000e-004	0.1047

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

LBUSD - Jordan High School - Existing Conditions
South Coast Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
High School	363.00	1000sqft	26.90	363,000.00	3930

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	9			Operational Year	2013
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	630.89	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - Current building square footage, acreage, and students
- Construction Phase - Operational estimates only
- Off-road Equipment - Operational estimates only
- Vehicle Emission Factors -
- Vehicle Emission Factors -
- Vehicle Emission Factors -
- Landscape Equipment -

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	1.7328	5.000e-005	4.9000e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	9.0100e-003	9.0100e-003	3.0000e-005	0.0000	9.5900e-003
Energy	0.0213	0.1938	0.1628	1.1600e-003		0.0147	0.0147		0.0147	0.0147	0.0000	906.9374	906.9374	0.0360	0.0105	910.9449
Mobile	12.4639	12.4360	46.6682	0.0851	5.9199	0.2386	6.1585	1.5836	0.2191	1.8026	0.0000	7,301.8862	7,301.8862	0.3584	0.0000	7,309.4122
Waste						0.0000	0.0000		0.0000	0.0000	95.7914	0.0000	95.7914	5.6611	0.0000	214.6748
Water						0.0000	0.0000		0.0000	0.0000	3.8240	143.4529	147.2768	0.3994	0.0106	158.9610
Total	14.2180	12.6298	46.8359	0.0863	5.9199	0.2534	6.1732	1.5836	0.2338	1.8174	99.6154	8,352.2854	8,451.9008	6.4549	0.0211	8,594.0025

LBUSD - Jordan High School - Proposed Project
South Coast Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
High School	453.00	1000sqft	26.90	453,000.00	3900

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	9	Operational Year		2020	
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	630.89	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - Proposed project - total building square footage, acreage, and students
- Construction Phase - Operational estimates only
- Off-road Equipment - Operational estimates only
- Vehicle Emission Factors -
- Vehicle Emission Factors -
- Vehicle Emission Factors -
- Landscape Equipment -

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	2.1624	5.000e-005	5.820e-003	0.0000		2.000e-005	2.000e-005		2.000e-005	2.000e-005	0.0000	0.0112	0.0112	3.000e-005	0.0000	0.0119
Energy	0.0266	0.2418	0.2031	1.450e-003		0.0184	0.0184		0.0184	0.0184	0.0000	1,131.7979	1,131.7979	0.0450	0.0131	1,136.7991
Mobile	9.9649	8.8214	33.1148	0.1076	7.3968	0.1439	7.5407	1.9794	0.1327	2.1121	0.0000	7,557.0523	7,557.0523	0.2672	0.0000	7,562.6631
Waste						0.0000	0.0000		0.0000	0.0000	119.5414	0.0000	119.5414	7.0647	0.0000	267.8989
Water						0.0000	0.0000		0.0000	0.0000	4.7720	179.0197	183.7917	0.4984	0.0133	198.3728
Total	12.1539	9.0632	33.3237	0.1091	7.3968	0.1623	7.5591	1.9794	0.1511	2.1305	124.3134	8,867.8811	8,992.1945	7.8752	0.0264	9,165.7468