

Pixior Distribution Center - Mojave Desert Air Basin, Winter

Project Characteristics -

Land Use -

Construction Phase - Estimated construction schedule provided for this project.

Trips and VMT - Construction phases were estimated as an average of 20 workers, so default values are used for site prep, grading, and paving. Building construction phase is adjusted to 30 and architectural coating is adjusted to 20.

Grading - 18,000 cu yards imported during site prep. Total acres for grading: 20.84

Architectural Coating - MDAQMD Rule 1113: 50 g/L VOC interior and exterior, with 100 g/L for parking lot paint

Vehicle Trips - Traffic Study, Table 3-1 indicates 783 daily trips. Trips will be applied to the overall warehouse building, which incorporates an office.

Area Coating - MDAQMD Rule 1113 for paint VOC.

Construction Off-road Equipment Mitigation - Watering exposed areas at least twice per day. Vehicle speeds at construction site limited to 15 mph.

Mobile Commute Mitigation -

Area Mitigation - Assume up to 25% of landscaping equipment is electric. Use of low VOC cleaning supplies.

Energy Mitigation - 2019 Code is 30% more efficient than 2016. LED lighting will yield at least 15% energy reduction. Onsite renewable energy will be applied as 100% electricity generated from solar power.

Water Mitigation - Apply water conservation strategy to yield 20% water reduction.

Waste Mitigation - At least 50% reduction in waste from recycling and composting.

Fleet Mix - Fleet mix based on traffic study

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	50
tblAreaCoating	Area_EF_Nonresidential_Interior	250	50
tblAreaCoating	Area_EF_Parking	250	100
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	32.00
tblConstructionPhase	NumDays	30.00	16.00

Pixior Distribution Center - Mojave Desert Air Basin, Winter

tblConstructionPhase	NumDays	300.00	129.00
tblConstructionPhase	NumDays	20.00	30.00
tblFleetMix	HHD	0.10	0.12
tblFleetMix	LDA	0.55	0.58
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT2	0.17	0.18
tblFleetMix	LHD1	0.02	0.03
tblFleetMix	LHD2	5.1000e-003	0.00
tblFleetMix	MCY	8.1070e-003	0.00
tblFleetMix	MDV	0.10	0.00
tblFleetMix	MH	9.9200e-004	0.00
tblFleetMix	MHD	0.01	0.05
tblFleetMix	OBUS	1.6200e-003	0.00
tblFleetMix	SBUS	8.6800e-004	0.00
tblFleetMix	UBUS	1.9490e-003	0.00
tblGrading	AcresOfGrading	40.00	20.84
tblGrading	MaterialImported	0.00	18,000.00
tblTripsAndVMT	WorkerTripNumber	242.00	30.00
tblTripsAndVMT	WorkerTripNumber	48.00	20.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	1.68	1.83
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	1.68	1.83
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	1.68	1.83

**2.0 Emissions Summary**





Pixior Distribution Center - Mojave Desert Air Basin, Winter

**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	10.1312	7.3000e-004	0.0799	1.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004		0.1714	0.1714	4.5000e-004		0.1826
Energy	0.0273	0.2485	0.2087	1.4900e-003		0.0189	0.0189		0.0189	0.0189		298.1724	298.1724	5.7100e-003	5.4700e-003	299.9443
Mobile	1.0614	14.0438	11.4187	0.0783	4.9396	0.0412	4.9808	1.3285	0.0386	1.3671		8,039.9010	8,039.9010	0.4501		8,051.1533
<b>Total</b>	<b>11.2199</b>	<b>14.2930</b>	<b>11.7074</b>	<b>0.0798</b>	<b>4.9396</b>	<b>0.0603</b>	<b>4.9999</b>	<b>1.3285</b>	<b>0.0578</b>	<b>1.3863</b>		<b>8,338.2448</b>	<b>8,338.2448</b>	<b>0.4563</b>	<b>5.4700e-003</b>	<b>8,351.2803</b>

**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	9.4197	6.5000e-004	0.0715	1.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004		0.1516	0.1516	3.8000e-004		0.1612
Energy	0.0193	0.1750	0.1470	1.0500e-003		0.0133	0.0133		0.0133	0.0133		209.9608	209.9608	4.0200e-003	3.8500e-003	211.2085
Mobile	1.0614	14.0438	11.4187	0.0783	4.9396	0.0412	4.9808	1.3285	0.0386	1.3671		8,039.9010	8,039.9010	0.4501		8,051.1533
<b>Total</b>	<b>10.5004</b>	<b>14.2194</b>	<b>11.6372</b>	<b>0.0793</b>	<b>4.9396</b>	<b>0.0547</b>	<b>4.9943</b>	<b>1.3285</b>	<b>0.0521</b>	<b>1.3806</b>		<b>8,250.0135</b>	<b>8,250.0135</b>	<b>0.4545</b>	<b>3.8500e-003</b>	<b>8,262.5231</b>



Pixior Distribution Center - Mojave Desert Air Basin, Winter

	ROG	NOx	CO	SO2	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	6.41	0.51	0.60	0.55	0.00	9.32	0.11	0.00	9.73	0.41	0.00	1.06	1.06	0.39	29.62	1.06

**3.0 Construction Detail**

**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	9/1/2021	10/14/2021	5	32	
2	Grading	Grading	10/15/2021	11/5/2021	5	16	
3	Building Construction	Building Construction	11/6/2021	5/5/2022	5	129	
4	Architectural Coating	Architectural Coating	5/6/2022	6/16/2022	5	30	
5	Paving	Paving	6/5/2022	7/1/2022	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 20.84

Acres of Paving: 3.05

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 666,000; Non-Residential Outdoor: 222,000; Striped Parking Area: 8,136 (Architectural Coating – sqft)

OffRoad Equipment

Pixior Distribution Center - Mojave Desert Air Basin, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	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
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38

**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
Site Preparation	7	18.00	0.00	2,250.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	30.00	95.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Pixior Distribution Center - Mojave Desert Air Basin, Winter

**3.1 Mitigation Measures Construction**

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

**3.2 Site Preparation - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.1453	0.0000	18.1453	9.9427	0.0000	9.9427			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
<b>Total</b>	<b>3.8882</b>	<b>40.4971</b>	<b>21.1543</b>	<b>0.0380</b>	<b>18.1453</b>	<b>2.0445</b>	<b>20.1898</b>	<b>9.9427</b>	<b>1.8809</b>	<b>11.8236</b>		<b>3,685.6569</b>	<b>3,685.6569</b>	<b>1.1920</b>		<b>3,715.4573</b>



Pixior Distribution Center - Mojave Desert Air Basin, Winter

**3.2 Site Preparation - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3983	15.2251	2.3034	0.0553	1.2332	0.0379	1.2711	0.3383	0.0363	0.3746		5,795.0205	5,795.0205	0.4030		5,805.0950
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0766	0.0509	0.4830	1.3000e-003	0.1479	9.5000e-004	0.1488	0.0392	8.7000e-004	0.0401		129.5229	129.5229	4.0500e-003		129.6242
<b>Total</b>	<b>0.4749</b>	<b>15.2760</b>	<b>2.7864</b>	<b>0.0566</b>	<b>1.3811</b>	<b>0.0389</b>	<b>1.4199</b>	<b>0.3776</b>	<b>0.0372</b>	<b>0.4147</b>		<b>5,924.5434</b>	<b>5,924.5434</b>	<b>0.4070</b>		<b>5,934.7193</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					8.1654	0.0000	8.1654	4.4742	0.0000	4.4742			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
<b>Total</b>	<b>3.8882</b>	<b>40.4971</b>	<b>21.1543</b>	<b>0.0380</b>	<b>8.1654</b>	<b>2.0445</b>	<b>10.2099</b>	<b>4.4742</b>	<b>1.8809</b>	<b>6.3551</b>	<b>0.0000</b>	<b>3,685.6569</b>	<b>3,685.6569</b>	<b>1.1920</b>		<b>3,715.4573</b>



Pixior Distribution Center - Mojave Desert Air Basin, Winter

**3.2 Site Preparation - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3983	15.2251	2.3034	0.0553	1.2332	0.0379	1.2711	0.3383	0.0363	0.3746		5,795.0205	5,795.0205	0.4030		5,805.0950
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0766	0.0509	0.4830	1.3000e-003	0.1479	9.5000e-004	0.1488	0.0392	8.7000e-004	0.0401		129.5229	129.5229	4.0500e-003		129.6242
<b>Total</b>	<b>0.4749</b>	<b>15.2760</b>	<b>2.7864</b>	<b>0.0566</b>	<b>1.3811</b>	<b>0.0389</b>	<b>1.4199</b>	<b>0.3776</b>	<b>0.0372</b>	<b>0.4147</b>		<b>5,924.5434</b>	<b>5,924.5434</b>	<b>0.4070</b>		<b>5,934.7193</b>

**3.3 Grading - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.4034	0.0000	7.4034	3.4594	0.0000	3.4594			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
<b>Total</b>	<b>4.1912</b>	<b>46.3998</b>	<b>30.8785</b>	<b>0.0620</b>	<b>7.4034</b>	<b>1.9853</b>	<b>9.3887</b>	<b>3.4594</b>	<b>1.8265</b>	<b>5.2859</b>		<b>6,007.0434</b>	<b>6,007.0434</b>	<b>1.9428</b>		<b>6,055.6134</b>

Pixior Distribution Center - Mojave Desert Air Basin, Winter

**3.3 Grading - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	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	0.0851	0.0566	0.5367	1.4500e-003	0.1643	1.0500e-003	0.1654	0.0436	9.7000e-004	0.0446		143.9144	143.9144	4.5000e-003			144.0269
<b>Total</b>	<b>0.0851</b>	<b>0.0566</b>	<b>0.5367</b>	<b>1.4500e-003</b>	<b>0.1643</b>	<b>1.0500e-003</b>	<b>0.1654</b>	<b>0.0436</b>	<b>9.7000e-004</b>	<b>0.0446</b>		<b>143.9144</b>	<b>143.9144</b>	<b>4.5000e-003</b>			<b>144.0269</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Fugitive Dust					3.3315	0.0000	3.3315	1.5567	0.0000	1.5567			0.0000			0.0000	
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428			6,055.6134
<b>Total</b>	<b>4.1912</b>	<b>46.3998</b>	<b>30.8785</b>	<b>0.0620</b>	<b>3.3315</b>	<b>1.9853</b>	<b>5.3169</b>	<b>1.5567</b>	<b>1.8265</b>	<b>3.3832</b>	<b>0.0000</b>	<b>6,007.0434</b>	<b>6,007.0434</b>	<b>1.9428</b>			<b>6,055.6134</b>



Pixior Distribution Center - Mojave Desert Air Basin, Winter

**3.3 Grading - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0851	0.0566	0.5367	1.4500e-003	0.1643	1.0500e-003	0.1654	0.0436	9.7000e-004	0.0446		143.9144	143.9144	4.5000e-003		144.0269
<b>Total</b>	<b>0.0851</b>	<b>0.0566</b>	<b>0.5367</b>	<b>1.4500e-003</b>	<b>0.1643</b>	<b>1.0500e-003</b>	<b>0.1654</b>	<b>0.0436</b>	<b>9.7000e-004</b>	<b>0.0446</b>		<b>143.9144</b>	<b>143.9144</b>	<b>4.5000e-003</b>		<b>144.0269</b>

**3.4 Building Construction - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
<b>Total</b>	<b>1.9009</b>	<b>17.4321</b>	<b>16.5752</b>	<b>0.0269</b>		<b>0.9586</b>	<b>0.9586</b>		<b>0.9013</b>	<b>0.9013</b>		<b>2,553.3639</b>	<b>2,553.3639</b>	<b>0.6160</b>		<b>2,568.7643</b>

Pixior Distribution Center - Mojave Desert Air Basin, Winter

**3.4 Building Construction - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3015	9.1961	2.2845	0.0276	0.6443	0.0150	0.6593	0.1855	0.0144	0.1999		2,881.8608	2,881.8608	0.2791		2,888.8378
Worker	0.1276	0.0848	0.8050	2.1700e-003	0.2464	1.5800e-003	0.2480	0.0654	1.4600e-003	0.0668		215.8715	215.8715	6.7500e-003		216.0404
<b>Total</b>	<b>0.4291</b>	<b>9.2809</b>	<b>3.0895</b>	<b>0.0298</b>	<b>0.8907</b>	<b>0.0166</b>	<b>0.9073</b>	<b>0.2509</b>	<b>0.0158</b>	<b>0.2667</b>		<b>3,097.7324</b>	<b>3,097.7324</b>	<b>0.2858</b>		<b>3,104.8782</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
<b>Total</b>	<b>1.9009</b>	<b>17.4321</b>	<b>16.5752</b>	<b>0.0269</b>		<b>0.9586</b>	<b>0.9586</b>		<b>0.9013</b>	<b>0.9013</b>	<b>0.0000</b>	<b>2,553.3639</b>	<b>2,553.3639</b>	<b>0.6160</b>		<b>2,568.7643</b>



Pixior Distribution Center - Mojave Desert Air Basin, Winter

**3.4 Building Construction - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3015	9.1961	2.2845	0.0276	0.6443	0.0150	0.6593	0.1855	0.0144	0.1999		2,881.8608	2,881.8608	0.2791		2,888.8378
Worker	0.1276	0.0848	0.8050	2.1700e-003	0.2464	1.5800e-003	0.2480	0.0654	1.4600e-003	0.0668		215.8715	215.8715	6.7500e-003		216.0404
<b>Total</b>	<b>0.4291</b>	<b>9.2809</b>	<b>3.0895</b>	<b>0.0298</b>	<b>0.8907</b>	<b>0.0166</b>	<b>0.9073</b>	<b>0.2509</b>	<b>0.0158</b>	<b>0.2667</b>		<b>3,097.7324</b>	<b>3,097.7324</b>	<b>0.2858</b>		<b>3,104.8782</b>

**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	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
<b>Total</b>	<b>1.7062</b>	<b>15.6156</b>	<b>16.3634</b>	<b>0.0269</b>		<b>0.8090</b>	<b>0.8090</b>		<b>0.7612</b>	<b>0.7612</b>		<b>2,554.3336</b>	<b>2,554.3336</b>	<b>0.6120</b>		<b>2,569.6322</b>

Pixior Distribution Center - Mojave Desert Air Basin, Winter

**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	0.2792	8.6541	2.0850	0.0274	0.6443	0.0123	0.6565	0.1855	0.0117	0.1973		2,859.0148	2,859.0148	0.2647		2,865.6329
Worker	0.1189	0.0759	0.7323	2.0900e-003	0.2464	1.5300e-003	0.2480	0.0654	1.4100e-003	0.0668		208.0912	208.0912	6.0300e-003		208.2420
<b>Total</b>	<b>0.3981</b>	<b>8.7301</b>	<b>2.8173</b>	<b>0.0295</b>	<b>0.8907</b>	<b>0.0138</b>	<b>0.9045</b>	<b>0.2509</b>	<b>0.0131</b>	<b>0.2640</b>		<b>3,067.1060</b>	<b>3,067.1060</b>	<b>0.2708</b>		<b>3,073.8748</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
<b>Total</b>	<b>1.7062</b>	<b>15.6156</b>	<b>16.3634</b>	<b>0.0269</b>		<b>0.8090</b>	<b>0.8090</b>		<b>0.7612</b>	<b>0.7612</b>	<b>0.0000</b>	<b>2,554.3336</b>	<b>2,554.3336</b>	<b>0.6120</b>		<b>2,569.6322</b>



Pixior Distribution Center - Mojave Desert Air Basin, Winter

**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	0.2792	8.6541	2.0850	0.0274	0.6443	0.0123	0.6565	0.1855	0.0117	0.1973		2,859.0148	2,859.0148	0.2647		2,865.6329
Worker	0.1189	0.0759	0.7323	2.0900e-003	0.2464	1.5300e-003	0.2480	0.0654	1.4100e-003	0.0668		208.0912	208.0912	6.0300e-003		208.2420
<b>Total</b>	<b>0.3981</b>	<b>8.7301</b>	<b>2.8173</b>	<b>0.0295</b>	<b>0.8907</b>	<b>0.0138</b>	<b>0.9045</b>	<b>0.2509</b>	<b>0.0131</b>	<b>0.2640</b>		<b>3,067.1060</b>	<b>3,067.1060</b>	<b>0.2708</b>		<b>3,073.8748</b>

**3.5 Architectural Coating - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	69.8550					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
<b>Total</b>	<b>70.0596</b>	<b>1.4085</b>	<b>1.8136</b>	<b>2.9700e-003</b>		<b>0.0817</b>	<b>0.0817</b>		<b>0.0817</b>	<b>0.0817</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0183</b>		<b>281.9062</b>

Pixior Distribution Center - Mojave Desert Air Basin, Winter

**3.5 Architectural Coating - 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0793	0.0506	0.4882	1.3900e-003	0.1643	1.0200e-003	0.1653	0.0436	9.4000e-004	0.0445		138.7275	138.7275	4.0200e-003		138.8280
<b>Total</b>	<b>0.0793</b>	<b>0.0506</b>	<b>0.4882</b>	<b>1.3900e-003</b>	<b>0.1643</b>	<b>1.0200e-003</b>	<b>0.1653</b>	<b>0.0436</b>	<b>9.4000e-004</b>	<b>0.0445</b>		<b>138.7275</b>	<b>138.7275</b>	<b>4.0200e-003</b>		<b>138.8280</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	69.8550					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
<b>Total</b>	<b>70.0596</b>	<b>1.4085</b>	<b>1.8136</b>	<b>2.9700e-003</b>		<b>0.0817</b>	<b>0.0817</b>		<b>0.0817</b>	<b>0.0817</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0183</b>		<b>281.9062</b>



Pixior Distribution Center - Mojave Desert Air Basin, Winter

**3.5 Architectural Coating - 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0793	0.0506	0.4882	1.3900e-003	0.1643	1.0200e-003	0.1653	0.0436	9.4000e-004	0.0445		138.7275	138.7275	4.0200e-003		138.8280
<b>Total</b>	<b>0.0793</b>	<b>0.0506</b>	<b>0.4882</b>	<b>1.3900e-003</b>	<b>0.1643</b>	<b>1.0200e-003</b>	<b>0.1653</b>	<b>0.0436</b>	<b>9.4000e-004</b>	<b>0.0445</b>		<b>138.7275</b>	<b>138.7275</b>	<b>4.0200e-003</b>		<b>138.8280</b>

**3.6 Paving - 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	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.3996					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.5024</b>	<b>11.1249</b>	<b>14.5805</b>	<b>0.0228</b>		<b>0.5679</b>	<b>0.5679</b>		<b>0.5225</b>	<b>0.5225</b>		<b>2,207.6603</b>	<b>2,207.6603</b>	<b>0.7140</b>		<b>2,225.5104</b>

Pixior Distribution Center - Mojave Desert Air Basin, Winter

**3.6 Paving - 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0595	0.0380	0.3662	1.0400e-003	0.1232	7.7000e-004	0.1240	0.0327	7.1000e-004	0.0334		104.0456	104.0456	3.0100e-003		104.1210
<b>Total</b>	<b>0.0595</b>	<b>0.0380</b>	<b>0.3662</b>	<b>1.0400e-003</b>	<b>0.1232</b>	<b>7.7000e-004</b>	<b>0.1240</b>	<b>0.0327</b>	<b>7.1000e-004</b>	<b>0.0334</b>		<b>104.0456</b>	<b>104.0456</b>	<b>3.0100e-003</b>		<b>104.1210</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.3996					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.5024</b>	<b>11.1249</b>	<b>14.5805</b>	<b>0.0228</b>		<b>0.5679</b>	<b>0.5679</b>		<b>0.5225</b>	<b>0.5225</b>	<b>0.0000</b>	<b>2,207.6603</b>	<b>2,207.6603</b>	<b>0.7140</b>		<b>2,225.5104</b>



Pixior Distribution Center - Mojave Desert Air Basin, Winter

**3.6 Paving - 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0595	0.0380	0.3662	1.0400e-003	0.1232	7.7000e-004	0.1240	0.0327	7.1000e-004	0.0334		104.0456	104.0456	3.0100e-003		104.1210
<b>Total</b>	<b>0.0595</b>	<b>0.0380</b>	<b>0.3662</b>	<b>1.0400e-003</b>	<b>0.1232</b>	<b>7.7000e-004</b>	<b>0.1240</b>	<b>0.0327</b>	<b>7.1000e-004</b>	<b>0.0334</b>		<b>104.0456</b>	<b>104.0456</b>	<b>3.0100e-003</b>		<b>104.1210</b>

**4.0 Operational Detail - Mobile**

---

**4.1 Mitigation Measures Mobile**

Pixior Distribution Center - Mojave Desert Air Basin, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.0614	14.0438	11.4187	0.0783	4.9396	0.0412	4.9808	1.3285	0.0386	1.3671		8,039.9010	8,039.9010	0.4501		8,051.1533
Unmitigated	1.0614	14.0438	11.4187	0.0783	4.9396	0.0412	4.9808	1.3285	0.0386	1.3671		8,039.9010	8,039.9010	0.4501		8,051.1533

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	782.33	782.33	782.33	2,284,007	2,284,007
Total	782.33	782.33	782.33	2,284,007	2,284,007

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
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix



Pixior Distribution Center - Mojave Desert Air Basin, Winter

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.545862	0.034394	0.171599	0.103299	0.016338	0.005100	0.010433	0.099439	0.001620	0.001949	0.008107	0.000868	0.000992
Parking Lot	0.545862	0.034394	0.171599	0.103299	0.016338	0.005100	0.010433	0.099439	0.001620	0.001949	0.008107	0.000868	0.000992
Unrefrigerated Warehouse-No Rail	0.577694	0.036400	0.181606	0.000000	0.034600	0.000000	0.046400	0.123300	0.000000	0.000000	0.000000	0.000000	0.000000

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

Exceed Title 24

Install High Efficiency Lighting

Percent of Electricity Use Generated with Renewable 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	0.0193	0.1750	0.1470	1.0500e-003		0.0133	0.0133		0.0133	0.0133		209.9608	209.9608	4.0200e-003	3.8500e-003	211.2085
NaturalGas Unmitigated	0.0273	0.2485	0.2087	1.4900e-003		0.0189	0.0189		0.0189	0.0189		298.1724	298.1724	5.7100e-003	5.4700e-003	299.9443

Pixior Distribution Center - Mojave Desert Air Basin, Winter

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					
General Office Building	156.863	1.6900e-003	0.0154	0.0129	9.0000e-005		1.1700e-003	1.1700e-003		1.1700e-003	1.1700e-003		18.4545	18.4545	3.5000e-004	3.4000e-004	18.5641
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	2377.6	0.0256	0.2331	0.1958	1.4000e-003		0.0177	0.0177		0.0177	0.0177		279.7180	279.7180	5.3600e-003	5.1300e-003	281.3802
<b>Total</b>		<b>0.0273</b>	<b>0.2485</b>	<b>0.2087</b>	<b>1.4900e-003</b>		<b>0.0189</b>	<b>0.0189</b>		<b>0.0189</b>	<b>0.0189</b>		<b>298.1724</b>	<b>298.1724</b>	<b>5.7100e-003</b>	<b>5.4700e-003</b>	<b>299.9443</b>

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					
General Office Building	0.109804	1.1800e-003	0.0108	9.0400e-003	6.0000e-005		8.2000e-004	8.2000e-004		8.2000e-004	8.2000e-004		12.9181	12.9181	2.5000e-004	2.4000e-004	12.9949
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	1.67486	0.0181	0.1642	0.1379	9.9000e-004		0.0125	0.0125		0.0125	0.0125		197.0427	197.0427	3.7800e-003	3.6100e-003	198.2136
<b>Total</b>		<b>0.0192</b>	<b>0.1750</b>	<b>0.1470</b>	<b>1.0500e-003</b>		<b>0.0133</b>	<b>0.0133</b>		<b>0.0133</b>	<b>0.0133</b>		<b>209.9608</b>	<b>209.9608</b>	<b>4.0300e-003</b>	<b>3.8500e-003</b>	<b>211.2085</b>



Pixior Distribution Center - Mojave Desert Air Basin, Winter

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Mitigated	9.4197	6.5000e-004	0.0715	1.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004		0.1516	0.1516	3.8000e-004			0.1612
Unmitigated	10.1312	7.3000e-004	0.0799	1.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004		0.1714	0.1714	4.5000e-004			0.1826

Pixior Distribution Center - Mojave Desert Air Basin, Winter

**6.2 Area by SubCategory**

**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.5742					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	9.5496					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	7.4000e-003	7.3000e-004	0.0799	1.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004		0.1714	0.1714	4.5000e-004		0.1826
<b>Total</b>	<b>10.1312</b>	<b>7.3000e-004</b>	<b>0.0799</b>	<b>1.0000e-005</b>		<b>2.8000e-004</b>	<b>2.8000e-004</b>		<b>2.8000e-004</b>	<b>2.8000e-004</b>		<b>0.1714</b>	<b>0.1714</b>	<b>4.5000e-004</b>		<b>0.1826</b>

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.5742					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	8.8392					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	6.3400e-003	6.5000e-004	0.0715	1.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004		0.1516	0.1516	3.8000e-004		0.1612
<b>Total</b>	<b>9.4197</b>	<b>6.5000e-004</b>	<b>0.0715</b>	<b>1.0000e-005</b>		<b>2.4000e-004</b>	<b>2.4000e-004</b>		<b>2.4000e-004</b>	<b>2.4000e-004</b>		<b>0.1516</b>	<b>0.1516</b>	<b>3.8000e-004</b>		<b>0.1612</b>



## Pixior Distribution Center - Mojave Desert Air Basin, Winter

**7.0 Water Detail**

---

**7.1 Mitigation Measures Water**

Apply Water Conservation Strategy  
Use Water Efficient Irrigation System

**8.0 Waste Detail**

---

**8.1 Mitigation Measures Waste**

Institute Recycling and Composting Services

**9.0 Operational Offroad**

---

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

**10.0 Stationary Equipment**

---

**Fire Pumps and Emergency Generators**

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

**Boilers**

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

**User Defined Equipment**

Equipment Type	Number
----------------	--------

**11.0 Vegetation**

---

Pixior Distribution Center - Mojave Desert Air Basin, Annual

**Pixior Distribution Center  
Mojave Desert Air Basin, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	16.50	1000sqft	0.38	16,500.00	0
Unrefrigerated Warehouse-No Rail	427.50	1000sqft	9.81	427,500.00	0
Parking Lot	81.00	Space	0.73	32,400.00	0
Parking Lot	258.00	Space	2.32	103,200.00	0

**1.2 Other Project Characteristics**

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	31
Climate Zone	10			Operational Year	2023
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

**1.3 User Entered Comments & Non-Default Data**



Pixior Distribution Center - Mojave Desert Air Basin, Annual

Project Characteristics -

Land Use -

Construction Phase - Estimated construction schedule provided for this project.

Trips and VMT - Construction phases were estimated as an average of 20 workers, so default values are used for site prep, grading, and paving. Building construction phase is adjusted to 30 and architectural coating is adjusted to 20.

Grading - 18,000 cu yards imported during site prep. Total acres for grading: 20.84

Architectural Coating - MDAQMD Rule 1113: 50 g/L VOC interior and exterior, with 100 g/L for parking lot paint

Vehicle Trips - Traffic Study, Table 3-1 indicates 783 daily trips. Trips will be applied to the overall warehouse building, which incorporates an office.

Area Coating - MDAQMD Rule 1113 for paint VOC.

Construction Off-road Equipment Mitigation - Watering exposed areas at least twice per day. Vehicle speeds at construction site limited to 15 mph.

Mobile Commute Mitigation -

Area Mitigation - Assume up to 25% of landscaping equipment is electric. Use of low VOC cleaning supplies.

Energy Mitigation - 2019 Code is 30% more efficient than 2016. LED lighting will yield at least 15% energy reduction. Onsite renewable energy will be applied as 100% electricity generated from solar power.

Water Mitigation - Apply water conservation strategy to yield 20% water reduction.

Waste Mitigation - At least 50% reduction in waste from recycling and composting.

Fleet Mix - Fleet mix based on traffic study

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	50
tblAreaCoating	Area_EF_Nonresidential_Interior	250	50
tblAreaCoating	Area_EF_Parking	250	100
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	32.00
tblConstructionPhase	NumDays	30.00	16.00

## Pixior Distribution Center - Mojave Desert Air Basin, Annual

tblConstructionPhase	NumDays	300.00	129.00
tblConstructionPhase	NumDays	20.00	30.00
tblFleetMix	HHD	0.10	0.12
tblFleetMix	LDA	0.55	0.58
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT2	0.17	0.18
tblFleetMix	LHD1	0.02	0.03
tblFleetMix	LHD2	5.1000e-003	0.00
tblFleetMix	MCY	8.1070e-003	0.00
tblFleetMix	MDV	0.10	0.00
tblFleetMix	MH	9.9200e-004	0.00
tblFleetMix	MHD	0.01	0.05
tblFleetMix	OBUS	1.6200e-003	0.00
tblFleetMix	SBUS	8.6800e-004	0.00
tblFleetMix	UBUS	1.9490e-003	0.00
tblGrading	AcresOfGrading	40.00	20.84
tblGrading	MaterialImported	0.00	18,000.00
tblTripsAndVMT	WorkerTripNumber	242.00	30.00
tblTripsAndVMT	WorkerTripNumber	48.00	20.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	1.68	1.83
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	1.68	1.83
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	1.68	1.83

## 2.0 Emissions Summary





Pixior Distribution Center - Mojave Desert Air Basin, Annual

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	9-1-2021	11-30-2021	1.6038	1.6038
2	12-1-2021	2-28-2022	0.8789	0.8789
3	3-1-2022	5-31-2022	1.2903	1.2903
4	6-1-2022	8-31-2022	0.5319	0.5319
		Highest	1.6038	1.6038

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	1.8483	7.0000e-005	7.1900e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0140	0.0140	4.0000e-005	0.0000	0.0149
Energy	4.9900e-003	0.0454	0.0381	2.7000e-004		3.4500e-003	3.4500e-003		3.4500e-003	3.4500e-003	0.0000	435.9938	435.9938	0.0169	4.2100e-003	437.6703
Mobile	0.1870	2.6148	2.1412	0.0147	0.8830	7.4500e-003	0.8904	0.2379	6.9900e-003	0.2448	0.0000	1,367.2121	1,367.2121	0.0704	0.0000	1,368.9727
Waste						0.0000	0.0000		0.0000	0.0000	84.6878	0.0000	84.6878	5.0049	0.0000	209.8105
Water						0.0000	0.0000		0.0000	0.0000	32.2939	428.6741	460.9680	3.3346	0.0820	568.7630
<b>Total</b>	<b>2.0402</b>	<b>2.6602</b>	<b>2.1864</b>	<b>0.0149</b>	<b>0.8830</b>	<b>0.0109</b>	<b>0.8939</b>	<b>0.2379</b>	<b>0.0105</b>	<b>0.2483</b>	<b>116.9817</b>	<b>2,231.8939</b>	<b>2,348.8756</b>	<b>8.4269</b>	<b>0.0862</b>	<b>2,585.2314</b>



Pixior Distribution Center - Mojave Desert Air Basin, Annual

**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.7185	6.0000e-005	6.4400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0124	0.0124	3.0000e-005	0.0000	0.0132
Energy	3.5100e-003	0.0319	0.0268	1.9000e-004		2.4300e-003	2.4300e-003		2.4300e-003	2.4300e-003	0.0000	34.7614	34.7614	6.7000e-004	6.4000e-004	34.9679
Mobile	0.1870	2.6148	2.1412	0.0147	0.8830	7.4500e-003	0.8904	0.2379	6.9900e-003	0.2448	0.0000	1,367.2121	1,367.2121	0.0704	0.0000	1,368.9727
Waste						0.0000	0.0000		0.0000	0.0000	21.1720	0.0000	21.1720	1.2512	0.0000	52.4526
Water						0.0000	0.0000		0.0000	0.0000	25.8351	342.9393	368.7744	2.6677	0.0656	455.0104
<b>Total</b>	<b>1.9090</b>	<b>2.6467</b>	<b>2.1744</b>	<b>0.0149</b>	<b>0.8830</b>	<b>9.9000e-003</b>	<b>0.8929</b>	<b>0.2379</b>	<b>9.4400e-003</b>	<b>0.2473</b>	<b>47.0071</b>	<b>1,744.9251</b>	<b>1,791.9321</b>	<b>3.9900</b>	<b>0.0662</b>	<b>1,911.4168</b>

	ROG	NOx	CO	SO2	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	6.43	0.50	0.55	0.54	0.00	9.42	0.12	0.00	9.84	0.41	59.82	21.82	23.71	52.65	23.17	26.06

**3.0 Construction Detail**

**Construction Phase**

Pixior Distribution Center - Mojave Desert Air Basin, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	9/1/2021	10/14/2021	5	32	
2	Grading	Grading	10/15/2021	11/5/2021	5	16	
3	Building Construction	Building Construction	11/6/2021	5/5/2022	5	129	
4	Architectural Coating	Architectural Coating	5/6/2022	6/16/2022	5	30	
5	Paving	Paving	6/5/2022	7/1/2022	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 20.84

Acres of Paving: 3.05

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 666,000; Non-Residential Outdoor: 222,000; Striped Parking Area: 8,136 (Architectural Coating – sqft)

OffRoad Equipment



Pixior Distribution Center - Mojave Desert Air Basin, Annual

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	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
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38

**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
Site Preparation	7	18.00	0.00	2,250.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	30.00	95.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT



Pixior Distribution Center - Mojave Desert Air Basin, Annual

**3.1 Mitigation Measures Construction**

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

**3.2 Site Preparation - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2903	0.0000	0.2903	0.1591	0.0000	0.1591	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0622	0.6480	0.3385	6.1000e-004		0.0327	0.0327		0.0301	0.0301	0.0000	53.4972	53.4972	0.0173	0.0000	53.9297
<b>Total</b>	<b>0.0622</b>	<b>0.6480</b>	<b>0.3385</b>	<b>6.1000e-004</b>	<b>0.2903</b>	<b>0.0327</b>	<b>0.3230</b>	<b>0.1591</b>	<b>0.0301</b>	<b>0.1892</b>	<b>0.0000</b>	<b>53.4972</b>	<b>53.4972</b>	<b>0.0173</b>	<b>0.0000</b>	<b>53.9297</b>

Pixior Distribution Center - Mojave Desert Air Basin, Annual

**3.2 Site Preparation - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.1500e-003	0.2491	0.0328	9.0000e-004	0.0194	6.0000e-004	0.0200	5.3400e-003	5.8000e-004	5.9100e-003	0.0000	85.8717	85.8717	5.4700e-003	0.0000	86.0084
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1100e-003	8.7000e-004	8.2800e-003	2.0000e-005	2.3200e-003	2.0000e-005	2.3400e-003	6.2000e-004	1.0000e-005	6.3000e-004	0.0000	1.9379	1.9379	6.0000e-005	0.0000	1.9395
<b>Total</b>	<b>7.2600e-003</b>	<b>0.2500</b>	<b>0.0411</b>	<b>9.2000e-004</b>	<b>0.0217</b>	<b>6.2000e-004</b>	<b>0.0224</b>	<b>5.9600e-003</b>	<b>5.9000e-004</b>	<b>6.5400e-003</b>	<b>0.0000</b>	<b>87.8097</b>	<b>87.8097</b>	<b>5.5300e-003</b>	<b>0.0000</b>	<b>87.9479</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1307	0.0000	0.1307	0.0716	0.0000	0.0716	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0622	0.6480	0.3385	6.1000e-004		0.0327	0.0327		0.0301	0.0301	0.0000	53.4971	53.4971	0.0173	0.0000	53.9296
<b>Total</b>	<b>0.0622</b>	<b>0.6480</b>	<b>0.3385</b>	<b>6.1000e-004</b>	<b>0.1307</b>	<b>0.0327</b>	<b>0.1634</b>	<b>0.0716</b>	<b>0.0301</b>	<b>0.1017</b>	<b>0.0000</b>	<b>53.4971</b>	<b>53.4971</b>	<b>0.0173</b>	<b>0.0000</b>	<b>53.9296</b>



Pixior Distribution Center - Mojave Desert Air Basin, Annual

**3.2 Site Preparation - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.1500e-003	0.2491	0.0328	9.0000e-004	0.0194	6.0000e-004	0.0200	5.3400e-003	5.8000e-004	5.9100e-003	0.0000	85.8717	85.8717	5.4700e-003	0.0000	86.0084
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1100e-003	8.7000e-004	8.2800e-003	2.0000e-005	2.3200e-003	2.0000e-005	2.3400e-003	6.2000e-004	1.0000e-005	6.3000e-004	0.0000	1.9379	1.9379	6.0000e-005	0.0000	1.9395
<b>Total</b>	<b>7.2600e-003</b>	<b>0.2500</b>	<b>0.0411</b>	<b>9.2000e-004</b>	<b>0.0217</b>	<b>6.2000e-004</b>	<b>0.0224</b>	<b>5.9600e-003</b>	<b>5.9000e-004</b>	<b>6.5400e-003</b>	<b>0.0000</b>	<b>87.8097</b>	<b>87.8097</b>	<b>5.5300e-003</b>	<b>0.0000</b>	<b>87.9479</b>

**3.3 Grading - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0592	0.0000	0.0592	0.0277	0.0000	0.0277	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0335	0.3712	0.2470	5.0000e-004		0.0159	0.0159		0.0146	0.0146	0.0000	43.5960	43.5960	0.0141	0.0000	43.9485
<b>Total</b>	<b>0.0335</b>	<b>0.3712</b>	<b>0.2470</b>	<b>5.0000e-004</b>	<b>0.0592</b>	<b>0.0159</b>	<b>0.0751</b>	<b>0.0277</b>	<b>0.0146</b>	<b>0.0423</b>	<b>0.0000</b>	<b>43.5960</b>	<b>43.5960</b>	<b>0.0141</b>	<b>0.0000</b>	<b>43.9485</b>

Pixior Distribution Center - Mojave Desert Air Basin, Annual

**3.3 Grading - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.2000e-004	4.8000e-004	4.6000e-003	1.0000e-005	1.2900e-003	1.0000e-005	1.3000e-003	3.4000e-004	1.0000e-005	3.5000e-004	0.0000	1.0766	1.0766	3.0000e-005	0.0000	1.0775
<b>Total</b>	<b>6.2000e-004</b>	<b>4.8000e-004</b>	<b>4.6000e-003</b>	<b>1.0000e-005</b>	<b>1.2900e-003</b>	<b>1.0000e-005</b>	<b>1.3000e-003</b>	<b>3.4000e-004</b>	<b>1.0000e-005</b>	<b>3.5000e-004</b>	<b>0.0000</b>	<b>1.0766</b>	<b>1.0766</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>1.0775</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0267	0.0000	0.0267	0.0125	0.0000	0.0125	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0335	0.3712	0.2470	5.0000e-004		0.0159	0.0159		0.0146	0.0146	0.0000	43.5959	43.5959	0.0141	0.0000	43.9484
<b>Total</b>	<b>0.0335</b>	<b>0.3712</b>	<b>0.2470</b>	<b>5.0000e-004</b>	<b>0.0267</b>	<b>0.0159</b>	<b>0.0425</b>	<b>0.0125</b>	<b>0.0146</b>	<b>0.0271</b>	<b>0.0000</b>	<b>43.5959</b>	<b>43.5959</b>	<b>0.0141</b>	<b>0.0000</b>	<b>43.9484</b>



Pixior Distribution Center - Mojave Desert Air Basin, Annual

**3.3 Grading - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.2000e-004	4.8000e-004	4.6000e-003	1.0000e-005	1.2900e-003	1.0000e-005	1.3000e-003	3.4000e-004	1.0000e-005	3.5000e-004	0.0000	1.0766	1.0766	3.0000e-005	0.0000	1.0775
<b>Total</b>	<b>6.2000e-004</b>	<b>4.8000e-004</b>	<b>4.6000e-003</b>	<b>1.0000e-005</b>	<b>1.2900e-003</b>	<b>1.0000e-005</b>	<b>1.3000e-003</b>	<b>3.4000e-004</b>	<b>1.0000e-005</b>	<b>3.5000e-004</b>	<b>0.0000</b>	<b>1.0766</b>	<b>1.0766</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>1.0775</b>

**3.4 Building Construction - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0380	0.3486	0.3315	5.4000e-004		0.0192	0.0192		0.0180	0.0180	0.0000	46.3275	46.3275	0.0112	0.0000	46.6069
<b>Total</b>	<b>0.0380</b>	<b>0.3486</b>	<b>0.3315</b>	<b>5.4000e-004</b>		<b>0.0192</b>	<b>0.0192</b>		<b>0.0180</b>	<b>0.0180</b>	<b>0.0000</b>	<b>46.3275</b>	<b>46.3275</b>	<b>0.0112</b>	<b>0.0000</b>	<b>46.6069</b>

Pixior Distribution Center - Mojave Desert Air Basin, Annual

**3.4 Building Construction - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.7900e-003	0.1881	0.0424	5.7000e-004	0.0127	3.0000e-004	0.0130	3.6600e-003	2.8000e-004	3.9500e-003	0.0000	53.7905	53.7905	4.7400e-003	0.0000	53.9090
Worker	2.3200e-003	1.8100e-003	0.0173	4.0000e-005	4.8400e-003	3.0000e-005	4.8700e-003	1.2900e-003	3.0000e-005	1.3100e-003	0.0000	4.0374	4.0374	1.3000e-004	0.0000	4.0406
<b>Total</b>	<b>8.1100e-003</b>	<b>0.1899</b>	<b>0.0596</b>	<b>6.1000e-004</b>	<b>0.0175</b>	<b>3.3000e-004</b>	<b>0.0179</b>	<b>4.9500e-003</b>	<b>3.1000e-004</b>	<b>5.2600e-003</b>	<b>0.0000</b>	<b>57.8279</b>	<b>57.8279</b>	<b>4.8700e-003</b>	<b>0.0000</b>	<b>57.9495</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0380	0.3486	0.3315	5.4000e-004		0.0192	0.0192		0.0180	0.0180	0.0000	46.3274	46.3274	0.0112	0.0000	46.6068
<b>Total</b>	<b>0.0380</b>	<b>0.3486</b>	<b>0.3315</b>	<b>5.4000e-004</b>		<b>0.0192</b>	<b>0.0192</b>		<b>0.0180</b>	<b>0.0180</b>	<b>0.0000</b>	<b>46.3274</b>	<b>46.3274</b>	<b>0.0112</b>	<b>0.0000</b>	<b>46.6068</b>



Pixior Distribution Center - Mojave Desert Air Basin, Annual

**3.4 Building Construction - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.7900e-003	0.1881	0.0424	5.7000e-004	0.0127	3.0000e-004	0.0130	3.6600e-003	2.8000e-004	3.9500e-003	0.0000	53.7905	53.7905	4.7400e-003	0.0000	53.9090
Worker	2.3200e-003	1.8100e-003	0.0173	4.0000e-005	4.8400e-003	3.0000e-005	4.8700e-003	1.2900e-003	3.0000e-005	1.3100e-003	0.0000	4.0374	4.0374	1.3000e-004	0.0000	4.0406
<b>Total</b>	<b>8.1100e-003</b>	<b>0.1899</b>	<b>0.0596</b>	<b>6.1000e-004</b>	<b>0.0175</b>	<b>3.3000e-004</b>	<b>0.0179</b>	<b>4.9500e-003</b>	<b>3.1000e-004</b>	<b>5.2600e-003</b>	<b>0.0000</b>	<b>57.8279</b>	<b>57.8279</b>	<b>4.8700e-003</b>	<b>0.0000</b>	<b>57.9495</b>

**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	tons/yr										MT/yr					
Off-Road	0.0759	0.6949	0.7282	1.2000e-003		0.0360	0.0360		0.0339	0.0339	0.0000	103.1177	103.1177	0.0247	0.0000	103.7353
<b>Total</b>	<b>0.0759</b>	<b>0.6949</b>	<b>0.7282</b>	<b>1.2000e-003</b>		<b>0.0360</b>	<b>0.0360</b>		<b>0.0339</b>	<b>0.0339</b>	<b>0.0000</b>	<b>103.1177</b>	<b>103.1177</b>	<b>0.0247</b>	<b>0.0000</b>	<b>103.7353</b>

Pixior Distribution Center - Mojave Desert Air Basin, Annual

**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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0119	0.3938	0.0856	1.2500e-003	0.0282	5.4000e-004	0.0288	8.1500e-003	5.1000e-004	8.6600e-003	0.0000	118.7695	118.7695	9.9800e-003	0.0000	119.0190
Worker	4.8000e-003	3.6100e-003	0.0349	1.0000e-004	0.0108	7.0000e-005	0.0108	2.8600e-003	6.0000e-005	2.9200e-003	0.0000	8.6592	8.6592	2.5000e-004	0.0000	8.6655
<b>Total</b>	<b>0.0167</b>	<b>0.3974</b>	<b>0.1205</b>	<b>1.3500e-003</b>	<b>0.0390</b>	<b>6.1000e-004</b>	<b>0.0396</b>	<b>0.0110</b>	<b>5.7000e-004</b>	<b>0.0116</b>	<b>0.0000</b>	<b>127.4287</b>	<b>127.4287</b>	<b>0.0102</b>	<b>0.0000</b>	<b>127.6846</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0759	0.6949	0.7282	1.2000e-003		0.0360	0.0360		0.0339	0.0339	0.0000	103.1176	103.1176	0.0247	0.0000	103.7352
<b>Total</b>	<b>0.0759</b>	<b>0.6949</b>	<b>0.7282</b>	<b>1.2000e-003</b>		<b>0.0360</b>	<b>0.0360</b>		<b>0.0339</b>	<b>0.0339</b>	<b>0.0000</b>	<b>103.1176</b>	<b>103.1176</b>	<b>0.0247</b>	<b>0.0000</b>	<b>103.7352</b>



Pixior Distribution Center - Mojave Desert Air Basin, Annual

**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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0119	0.3938	0.0856	1.2500e-003	0.0282	5.4000e-004	0.0288	8.1500e-003	5.1000e-004	8.6600e-003	0.0000	118.7695	118.7695	9.9800e-003	0.0000	119.0190
Worker	4.8000e-003	3.6100e-003	0.0349	1.0000e-004	0.0108	7.0000e-005	0.0108	2.8600e-003	6.0000e-005	2.9200e-003	0.0000	8.6592	8.6592	2.5000e-004	0.0000	8.6655
<b>Total</b>	<b>0.0167</b>	<b>0.3974</b>	<b>0.1205</b>	<b>1.3500e-003</b>	<b>0.0390</b>	<b>6.1000e-004</b>	<b>0.0396</b>	<b>0.0110</b>	<b>5.7000e-004</b>	<b>0.0116</b>	<b>0.0000</b>	<b>127.4287</b>	<b>127.4287</b>	<b>0.0102</b>	<b>0.0000</b>	<b>127.6846</b>

**3.5 Architectural Coating - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.0478					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.0700e-003	0.0211	0.0272	4.0000e-005		1.2300e-003	1.2300e-003		1.2300e-003	1.2300e-003	0.0000	3.8299	3.8299	2.5000e-004	0.0000	3.8361
<b>Total</b>	<b>1.0509</b>	<b>0.0211</b>	<b>0.0272</b>	<b>4.0000e-005</b>		<b>1.2300e-003</b>	<b>1.2300e-003</b>		<b>1.2300e-003</b>	<b>1.2300e-003</b>	<b>0.0000</b>	<b>3.8299</b>	<b>3.8299</b>	<b>2.5000e-004</b>	<b>0.0000</b>	<b>3.8361</b>

Pixior Distribution Center - Mojave Desert Air Basin, Annual

**3.5 Architectural Coating - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0800e-003	8.1000e-004	7.8500e-003	2.0000e-005	2.4200e-003	2.0000e-005	2.4300e-003	6.4000e-004	1.0000e-005	6.6000e-004	0.0000	1.9459	1.9459	6.0000e-005	0.0000	1.9473
<b>Total</b>	<b>1.0800e-003</b>	<b>8.1000e-004</b>	<b>7.8500e-003</b>	<b>2.0000e-005</b>	<b>2.4200e-003</b>	<b>2.0000e-005</b>	<b>2.4300e-003</b>	<b>6.4000e-004</b>	<b>1.0000e-005</b>	<b>6.6000e-004</b>	<b>0.0000</b>	<b>1.9459</b>	<b>1.9459</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>1.9473</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.0478					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.0700e-003	0.0211	0.0272	4.0000e-005		1.2300e-003	1.2300e-003		1.2300e-003	1.2300e-003	0.0000	3.8299	3.8299	2.5000e-004	0.0000	3.8361
<b>Total</b>	<b>1.0509</b>	<b>0.0211</b>	<b>0.0272</b>	<b>4.0000e-005</b>		<b>1.2300e-003</b>	<b>1.2300e-003</b>		<b>1.2300e-003</b>	<b>1.2300e-003</b>	<b>0.0000</b>	<b>3.8299</b>	<b>3.8299</b>	<b>2.5000e-004</b>	<b>0.0000</b>	<b>3.8361</b>



Pixior Distribution Center - Mojave Desert Air Basin, Annual

**3.5 Architectural Coating - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0800e-003	8.1000e-004	7.8500e-003	2.0000e-005	2.4200e-003	2.0000e-005	2.4300e-003	6.4000e-004	1.0000e-005	6.6000e-004	0.0000	1.9459	1.9459	6.0000e-005	0.0000	1.9473
<b>Total</b>	<b>1.0800e-003</b>	<b>8.1000e-004</b>	<b>7.8500e-003</b>	<b>2.0000e-005</b>	<b>2.4200e-003</b>	<b>2.0000e-005</b>	<b>2.4300e-003</b>	<b>6.4000e-004</b>	<b>1.0000e-005</b>	<b>6.6000e-004</b>	<b>0.0000</b>	<b>1.9459</b>	<b>1.9459</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>1.9473</b>

**3.6 Paving - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0110	0.1113	0.1458	2.3000e-004		5.6800e-003	5.6800e-003		5.2200e-003	5.2200e-003	0.0000	20.0276	20.0276	6.4800e-003	0.0000	20.1895
Paving	4.0000e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0150</b>	<b>0.1113</b>	<b>0.1458</b>	<b>2.3000e-004</b>		<b>5.6800e-003</b>	<b>5.6800e-003</b>		<b>5.2200e-003</b>	<b>5.2200e-003</b>	<b>0.0000</b>	<b>20.0276</b>	<b>20.0276</b>	<b>6.4800e-003</b>	<b>0.0000</b>	<b>20.1895</b>

Pixior Distribution Center - Mojave Desert Air Basin, Annual

**3.6 Paving - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4000e-004	4.1000e-004	3.9200e-003	1.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	0.9730	0.9730	3.0000e-005	0.0000	0.9737
<b>Total</b>	<b>5.4000e-004</b>	<b>4.1000e-004</b>	<b>3.9200e-003</b>	<b>1.0000e-005</b>	<b>1.2100e-003</b>	<b>1.0000e-005</b>	<b>1.2200e-003</b>	<b>3.2000e-004</b>	<b>1.0000e-005</b>	<b>3.3000e-004</b>	<b>0.0000</b>	<b>0.9730</b>	<b>0.9730</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.9737</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0110	0.1113	0.1458	2.3000e-004		5.6800e-003	5.6800e-003		5.2200e-003	5.2200e-003	0.0000	20.0275	20.0275	6.4800e-003	0.0000	20.1895
Paving	4.0000e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0150</b>	<b>0.1113</b>	<b>0.1458</b>	<b>2.3000e-004</b>		<b>5.6800e-003</b>	<b>5.6800e-003</b>		<b>5.2200e-003</b>	<b>5.2200e-003</b>	<b>0.0000</b>	<b>20.0275</b>	<b>20.0275</b>	<b>6.4800e-003</b>	<b>0.0000</b>	<b>20.1895</b>



Pixior Distribution Center - Mojave Desert Air Basin, Annual

**3.6 Paving - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4000e-004	4.1000e-004	3.9200e-003	1.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	0.9730	0.9730	3.0000e-005	0.0000	0.9737
<b>Total</b>	<b>5.4000e-004</b>	<b>4.1000e-004</b>	<b>3.9200e-003</b>	<b>1.0000e-005</b>	<b>1.2100e-003</b>	<b>1.0000e-005</b>	<b>1.2200e-003</b>	<b>3.2000e-004</b>	<b>1.0000e-005</b>	<b>3.3000e-004</b>	<b>0.0000</b>	<b>0.9730</b>	<b>0.9730</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.9737</b>

**4.0 Operational Detail - Mobile**

---

**4.1 Mitigation Measures Mobile**

Pixior Distribution Center - Mojave Desert Air Basin, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.1870	2.6148	2.1412	0.0147	0.8830	7.4500e-003	0.8904	0.2379	6.9900e-003	0.2448	0.0000	1,367.2121	1,367.2121	0.0704	0.0000	1,368.9727
Unmitigated	0.1870	2.6148	2.1412	0.0147	0.8830	7.4500e-003	0.8904	0.2379	6.9900e-003	0.2448	0.0000	1,367.2121	1,367.2121	0.0704	0.0000	1,368.9727

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	782.33	782.33	782.33	2,284,007	2,284,007
Total	782.33	782.33	782.33	2,284,007	2,284,007

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
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix



Pixior Distribution Center - Mojave Desert Air Basin, Annual

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.545862	0.034394	0.171599	0.103299	0.016338	0.005100	0.010433	0.099439	0.001620	0.001949	0.008107	0.000868	0.000992
Parking Lot	0.545862	0.034394	0.171599	0.103299	0.016338	0.005100	0.010433	0.099439	0.001620	0.001949	0.008107	0.000868	0.000992
Unrefrigerated Warehouse-No Rail	0.577694	0.036400	0.181606	0.000000	0.034600	0.000000	0.046400	0.123300	0.000000	0.000000	0.000000	0.000000	0.000000

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

Exceed Title 24

Install High Efficiency Lighting

Percent of Electricity Use Generated with Renewable Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	386.6280	386.6280	0.0160	3.3000e-003	388.0112
Natural Gas Mitigated	3.5100e-003	0.0319	0.0268	1.9000e-004		2.4300e-003	2.4300e-003		2.4300e-003	2.4300e-003	0.0000	34.7614	34.7614	6.7000e-004	6.4000e-004	34.9679
Natural Gas Unmitigated	4.9900e-003	0.0454	0.0381	2.7000e-004		3.4500e-003	3.4500e-003		3.4500e-003	3.4500e-003	0.0000	49.3658	49.3658	9.5000e-004	9.1000e-004	49.6592

Pixior Distribution Center - Mojave Desert Air Basin, Annual

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	57255	3.1000e-004	2.8100e-003	2.3600e-003	2.0000e-005		2.1000e-004	2.1000e-004		2.1000e-004	2.1000e-004	0.0000	3.0553	3.0553	6.0000e-005	6.0000e-005	3.0735
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	867825	4.6800e-003	0.0425	0.0357	2.6000e-004		3.2300e-003	3.2300e-003		3.2300e-003	3.2300e-003	0.0000	46.3105	46.3105	8.9000e-004	8.5000e-004	46.5857
<b>Total</b>		<b>4.9900e-003</b>	<b>0.0454</b>	<b>0.0381</b>	<b>2.8000e-004</b>		<b>3.4400e-003</b>	<b>3.4400e-003</b>		<b>3.4400e-003</b>	<b>3.4400e-003</b>	<b>0.0000</b>	<b>49.3658</b>	<b>49.3658</b>	<b>9.5000e-004</b>	<b>9.1000e-004</b>	<b>49.6592</b>

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	40078.5	2.2000e-004	1.9600e-003	1.6500e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	2.1387	2.1387	4.0000e-005	4.0000e-005	2.1515
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	611325	3.3000e-003	0.0300	0.0252	1.8000e-004		2.2800e-003	2.2800e-003		2.2800e-003	2.2800e-003	0.0000	32.6226	32.6226	6.3000e-004	6.0000e-004	32.8165
<b>Total</b>		<b>3.5200e-003</b>	<b>0.0319</b>	<b>0.0268</b>	<b>1.9000e-004</b>		<b>2.4300e-003</b>	<b>2.4300e-003</b>		<b>2.4300e-003</b>	<b>2.4300e-003</b>	<b>0.0000</b>	<b>34.7614</b>	<b>34.7614</b>	<b>6.7000e-004</b>	<b>6.4000e-004</b>	<b>34.9679</b>



Pixior Distribution Center - Mojave Desert Air Basin, Annual

**5.3 Energy by Land Use - Electricity**

**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	157080	50.0491	2.0700e-003	4.3000e-004	50.2281
Parking Lot	11340	3.6132	1.5000e-004	3.0000e-005	3.6261
Parking Lot	36120	11.5086	4.8000e-004	1.0000e-004	11.5498
Unrefrigerated Warehouse-No Rail	1.0089e+006	321.4572	0.0133	2.7500e-003	322.6072
<b>Total</b>		<b>386.6280</b>	<b>0.0160</b>	<b>3.3100e-003</b>	<b>388.0112</b>

## Pixior Distribution Center - Mojave Desert Air Basin, Annual

**5.3 Energy by Land Use - Electricity****Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**6.0 Area Detail****6.1 Mitigation Measures Area**

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

Use Low VOC Cleaning Supplies



Pixior Distribution Center - Mojave Desert Air Basin, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.7185	6.0000e-005	6.4400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0124	0.0124	3.0000e-005	0.0000	0.0132
Unmitigated	1.8483	7.0000e-005	7.1900e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0140	0.0140	4.0000e-005	0.0000	0.0149

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1048					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.7428					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	6.7000e-004	7.0000e-005	7.1900e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0140	0.0140	4.0000e-005	0.0000	0.0149
<b>Total</b>	<b>1.8483</b>	<b>7.0000e-005</b>	<b>7.1900e-003</b>	<b>0.0000</b>		<b>3.0000e-005</b>	<b>3.0000e-005</b>		<b>3.0000e-005</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.0140</b>	<b>0.0140</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>0.0149</b>

Pixior Distribution Center - Mojave Desert Air Basin, Annual

**6.2 Area by SubCategory**

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1048					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.6132					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.7000e-004	6.0000e-005	6.4400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0124	0.0124	3.0000e-005	0.0000	0.0132
<b>Total</b>	<b>1.7185</b>	<b>6.0000e-005</b>	<b>6.4400e-003</b>	<b>0.0000</b>		<b>2.0000e-005</b>	<b>2.0000e-005</b>		<b>2.0000e-005</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.0124</b>	<b>0.0124</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.0132</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

Apply Water Conservation Strategy

Use Water Efficient Irrigation System



Pixior Distribution Center - Mojave Desert Air Basin, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	368.7744	2.6677	0.0656	455.0104
Unmitigated	460.9680	3.3346	0.0820	568.7630

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	2.93261 / 1.7974	19.4597	0.0963	2.4100e-003	22.5874
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	98.8594 / 0	441.5083	3.2383	0.0796	546.1756
<b>Total</b>		<b>460.9680</b>	<b>3.3346</b>	<b>0.0820</b>	<b>568.7630</b>

Pixior Distribution Center - Mojave Desert Air Basin, Annual

**7.2 Water by Land Use**

**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	2.34609 / 1.43792	15.5678	0.0771	1.9300e-003	18.0699
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	79.0875 / 0	353.2066	2.5906	0.0637	436.9405
<b>Total</b>		<b>368.7744</b>	<b>2.6677</b>	<b>0.0656</b>	<b>455.0104</b>

**8.0 Waste Detail**

---

**8.1 Mitigation Measures Waste**

Institute Recycling and Composting Services



Pixior Distribution Center - Mojave Desert Air Basin, Annual

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	21.1720	1.2512	0.0000	52.4526
Unmitigated	84.6878	5.0049	0.0000	209.8105

**8.2 Waste by Land Use**

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	15.35	3.1159	0.1842	0.0000	7.7195
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	401.85	81.5719	4.8208	0.0000	202.0910
<b>Total</b>		<b>84.6878</b>	<b>5.0049</b>	<b>0.0000</b>	<b>209.8105</b>

Pixior Distribution Center - Mojave Desert Air Basin, Annual

**8.2 Waste by Land Use**

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	3.8375	0.7790	0.0460	0.0000	1.9299
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	100.463	20.3930	1.2052	0.0000	50.5227
<b>Total</b>		<b>21.1720</b>	<b>1.2512</b>	<b>0.0000</b>	<b>52.4526</b>

**9.0 Operational Offroad**

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

**10.0 Stationary Equipment**

**Fire Pumps and Emergency Generators**

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

**Boilers**

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

**User Defined Equipment**

Equipment Type	Number
----------------	--------

Pixior Distribution Center - Mojave Desert Air Basin, Annual

**11.0 Vegetation**

---