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**APPENDIX B**  
**AIR QUALITY AND GREENHOUSE GASES**

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Freeze Mini-Storage and Car Wash - Siskiyou County, Summer

**Freeze Mini-Storage and Car Wash  
Siskiyou County, Summer**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	0.23	1000sqft	0.01	234.00	0
User Defined Commercial	4.00	User Defined Unit	0.07	3,024.00	0
Unrefrigerated Warehouse-No Rail	29.86	1000sqft	0.69	29,858.00	0
Other Asphalt Surfaces	43.70	1000sqft	1.00	43,699.00	0
Other Asphalt Surfaces	0.30	Acre	0.30	13,068.00	0
Other Non-Asphalt Surfaces	13.56	1000sqft	0.31	13,563.00	0
Other Non-Asphalt Surfaces	0.39	Acre	0.39	16,988.40	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Rural	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	85
<b>Climate Zone</b>	14			<b>Operational Year</b>	2021
<b>Utility Company</b>	PacifiCorp				
<b>CO2 Intensity (lb/MW hr)</b>	1656.39	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

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

## Freeze Mini-Storage and Car Wash - Siskiyou County, Summer

## Project Characteristics -

Land Use - Warehouse = mini-storage facility; parking = paved area per applicant.

User defined = car wash; parking = paved area per applicant.

Parking (other asphalt) = landscaping including surface drainage features.

## Construction Phase -

Grading - 1,000 CY vegetation and debris exported during site prep.

water line extension 320 along Road No M2M16.

Architectural Coating - The mini-storage units will be pre-painted at the factory.

Vehicle Trips - Trip generation (unrefrigerated warehouse) per ITE 10th edition.

Car wash (user-defined commercial) trips per applicant's engineer.

Energy Use - Energy intensity estimated from CalEEMod defaults for Auto Care Center.

Water And Wastewater - No water use for the mini-storage units except office.

Car wash water use assumes 50% recycled water per applicant's engineer.

Solid Waste - Mini-storage does not provide any solid waste collection for customers.

All other solid waste included in the office building.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	16,558.00	1,659.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	49,674.00	4,967.00
tblEnergyUse	LightingElect	0.00	2.17
tblEnergyUse	LightingElect	0.00	1.37
tblEnergyUse	NT24E	0.00	1.38
tblEnergyUse	NT24E	0.00	1.40
tblEnergyUse	T24E	0.00	0.24
tblEnergyUse	T24E	0.00	0.47
tblGrading	MaterialExported	0.00	1,000.00
tblLandUse	LandUseSquareFeet	230.00	234.00
tblLandUse	LandUseSquareFeet	0.00	3,024.00
tblLandUse	LandUseSquareFeet	29,860.00	29,858.00
tblLandUse	LandUseSquareFeet	43,700.00	43,699.00

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tblLandUse	LandUseSquareFeet	13,560.00	13,563.00
tblLandUse	LotAcreage	0.00	0.07
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	28.07	0.00
tblVehicleTrips	CC_TTP	0.00	90.00
tblVehicleTrips	CC_TTP	0.00	90.00
tblVehicleTrips	CNW_TTP	41.00	5.00
tblVehicleTrips	CNW_TTP	0.00	5.00
tblVehicleTrips	CW_TTP	59.00	5.00
tblVehicleTrips	CW_TTP	0.00	5.00
tblVehicleTrips	DV_TP	0.00	5.00
tblVehicleTrips	PB_TP	0.00	3.00
tblVehicleTrips	PR_TP	0.00	92.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	1.68	1.51
tblVehicleTrips	ST_TR	0.00	25.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	1.68	1.51
tblVehicleTrips	SU_TR	0.00	25.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	1.68	1.51
tblVehicleTrips	WD_TR	0.00	25.00
tblWater	IndoorWaterUseRate	6,905,125.00	0.00
tblWater	IndoorWaterUseRate	0.00	423,400.00

**2.0 Emissions Summary**



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**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.9674	9.0000e-005	9.4300e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0201	0.0201	5.0000e-005		0.0215
Energy	1.4000e-004	1.2300e-003	1.0300e-003	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		1.4738	1.4738	3.0000e-005	3.0000e-005	1.4825
Mobile	0.4309	3.5891	3.9837	0.0146	0.7423	0.0155	0.7577	0.1991	0.0146	0.2137		1,488.5537	1,488.5537	0.1068		1,491.2235
<b>Total</b>	<b>1.3984</b>	<b>3.5904</b>	<b>3.9941</b>	<b>0.0146</b>	<b>0.7423</b>	<b>0.0156</b>	<b>0.7579</b>	<b>0.1991</b>	<b>0.0148</b>	<b>0.2138</b>		<b>1,490.0476</b>	<b>1,490.0476</b>	<b>0.1069</b>	<b>3.0000e-005</b>	<b>1,492.7275</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	0.9674	9.0000e-005	9.4300e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0201	0.0201	5.0000e-005		0.0215
Energy	1.4000e-004	1.2300e-003	1.0300e-003	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		1.4738	1.4738	3.0000e-005	3.0000e-005	1.4825
Mobile	0.4309	3.5891	3.9837	0.0146	0.7423	0.0155	0.7577	0.1991	0.0146	0.2137		1,488.5537	1,488.5537	0.1068		1,491.2235
<b>Total</b>	<b>1.3984</b>	<b>3.5904</b>	<b>3.9941</b>	<b>0.0146</b>	<b>0.7423</b>	<b>0.0156</b>	<b>0.7579</b>	<b>0.1991</b>	<b>0.0148</b>	<b>0.2138</b>		<b>1,490.0476</b>	<b>1,490.0476</b>	<b>0.1069</b>	<b>3.0000e-005</b>	<b>1,492.7275</b>

## Freeze Mini-Storage and Car Wash - Siskiyou County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

### 3.0 Construction Detail

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#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	5/1/2020	5/5/2020	5	3	
2	Grading	Grading	5/6/2020	5/13/2020	5	6	
3	Building Construction	Building Construction	5/14/2020	3/17/2021	5	220	
4	Paving	Paving	3/18/2021	3/31/2021	5	10	
5	Architectural Coating	Architectural Coating	4/1/2021	4/14/2021	5	10	

**Acres of Grading (Site Preparation Phase): 4.5**

**Acres of Grading (Grading Phase): 3**

**Acres of Paving: 2**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 4,967; Non-Residential Outdoor: 1,659; Striped Parking Area: 5,239 (Architectural Coating – sqft)**

#### OffRoad Equipment



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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Scrapers	1	8.00	367	0.48
Site Preparation	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Building Construction	Cranes	1	8.00	231	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	130	0.42
Paving	Paving Equipment	1	8.00	132	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

**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	3	8.00	0.00	125.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	50.00	20.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	10.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

Freeze Mini-Storage and Car Wash - Siskiyou County, Summer

**3.1 Mitigation Measures Construction**

**3.2 Site Preparation - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.6285	0.0000	1.6285	0.1775	0.0000	0.1775			0.0000			0.0000
Off-Road	1.6521	19.9196	11.2678	0.0245		0.7771	0.7771		0.7149	0.7149		2,372.906 2	2,372.906 2	0.7675		2,392.092 4
<b>Total</b>	<b>1.6521</b>	<b>19.9196</b>	<b>11.2678</b>	<b>0.0245</b>	<b>1.6285</b>	<b>0.7771</b>	<b>2.4055</b>	<b>0.1775</b>	<b>0.7149</b>	<b>0.8924</b>		<b>2,372.906 2</b>	<b>2,372.906 2</b>	<b>0.7675</b>		<b>2,392.092 4</b>

Freeze Mini-Storage and Car Wash - Siskiyou County, Summer

**3.2 Site Preparation - 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	0.3543	11.7442	1.7566	0.0355	0.7305	0.0428	0.7733	0.2004	0.0410	0.2414		3,714.3979	3,714.3979	0.1707		3,718.6643
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0800	0.0562	0.5821	1.1200e-003	0.1022	9.7000e-004	0.1032	0.0271	9.0000e-004	0.0280		111.2334	111.2334	6.1300e-003		111.3867
<b>Total</b>	<b>0.4343</b>	<b>11.8004</b>	<b>2.3387</b>	<b>0.0366</b>	<b>0.8327</b>	<b>0.0438</b>	<b>0.8765</b>	<b>0.2275</b>	<b>0.0419</b>	<b>0.2694</b>		<b>3,825.6313</b>	<b>3,825.6313</b>	<b>0.1768</b>		<b>3,830.0510</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					1.6285	0.0000	1.6285	0.1775	0.0000	0.1775			0.0000			0.0000
Off-Road	1.6521	19.9196	11.2678	0.0245		0.7771	0.7771		0.7149	0.7149	0.0000	2,372.9062	2,372.9062	0.7675		2,392.0924
<b>Total</b>	<b>1.6521</b>	<b>19.9196</b>	<b>11.2678</b>	<b>0.0245</b>	<b>1.6285</b>	<b>0.7771</b>	<b>2.4055</b>	<b>0.1775</b>	<b>0.7149</b>	<b>0.8924</b>	<b>0.0000</b>	<b>2,372.9062</b>	<b>2,372.9062</b>	<b>0.7675</b>		<b>2,392.0924</b>

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**3.2 Site Preparation - 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	0.3543	11.7442	1.7566	0.0355	0.7305	0.0428	0.7733	0.2004	0.0410	0.2414		3,714.3979	3,714.3979	0.1707		3,718.6643
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0800	0.0562	0.5821	1.1200e-003	0.1022	9.7000e-004	0.1032	0.0271	9.0000e-004	0.0280		111.2334	111.2334	6.1300e-003		111.3867
<b>Total</b>	<b>0.4343</b>	<b>11.8004</b>	<b>2.3387</b>	<b>0.0366</b>	<b>0.8327</b>	<b>0.0438</b>	<b>0.8765</b>	<b>0.2275</b>	<b>0.0419</b>	<b>0.2694</b>		<b>3,825.6313</b>	<b>3,825.6313</b>	<b>0.1768</b>		<b>3,830.0510</b>

**3.3 Grading - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.9219	21.3418	9.9355	0.0206		0.9902	0.9902		0.9110	0.9110		1,996.4061	1,996.4061	0.6457		2,012.5480
<b>Total</b>	<b>1.9219</b>	<b>21.3418</b>	<b>9.9355</b>	<b>0.0206</b>	<b>6.5523</b>	<b>0.9902</b>	<b>7.5425</b>	<b>3.3675</b>	<b>0.9110</b>	<b>4.2784</b>		<b>1,996.4061</b>	<b>1,996.4061</b>	<b>0.6457</b>		<b>2,012.5480</b>

Freeze Mini-Storage and Car Wash - Siskiyou County, Summer

**3.3 Grading - 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	0.1001	0.0703	0.7277	1.4000e-003	0.1277	1.2200e-003	0.1290	0.0339	1.1200e-003	0.0350		139.0418	139.0418	7.6600e-003		139.2334
<b>Total</b>	<b>0.1001</b>	<b>0.0703</b>	<b>0.7277</b>	<b>1.4000e-003</b>	<b>0.1277</b>	<b>1.2200e-003</b>	<b>0.1290</b>	<b>0.0339</b>	<b>1.1200e-003</b>	<b>0.0350</b>		<b>139.0418</b>	<b>139.0418</b>	<b>7.6600e-003</b>		<b>139.2334</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					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.9219	21.3418	9.9355	0.0206		0.9902	0.9902		0.9110	0.9110	0.0000	1,996.4061	1,996.4061	0.6457		2,012.5480
<b>Total</b>	<b>1.9219</b>	<b>21.3418</b>	<b>9.9355</b>	<b>0.0206</b>	<b>6.5523</b>	<b>0.9902</b>	<b>7.5425</b>	<b>3.3675</b>	<b>0.9110</b>	<b>4.2784</b>	<b>0.0000</b>	<b>1,996.4061</b>	<b>1,996.4061</b>	<b>0.6457</b>		<b>2,012.5480</b>

Freeze Mini-Storage and Car Wash - Siskiyou County, Summer

**3.3 Grading - 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	0.1001	0.0703	0.7277	1.4000e-003	0.1277	1.2200e-003	0.1290	0.0339	1.1200e-003	0.0350		139.0418	139.0418	7.6600e-003		139.2334
<b>Total</b>	<b>0.1001</b>	<b>0.0703</b>	<b>0.7277</b>	<b>1.4000e-003</b>	<b>0.1277</b>	<b>1.2200e-003</b>	<b>0.1290</b>	<b>0.0339</b>	<b>1.1200e-003</b>	<b>0.0350</b>		<b>139.0418</b>	<b>139.0418</b>	<b>7.6600e-003</b>		<b>139.2334</b>

**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	2.2879	17.4336	14.8972	0.0250		0.9482	0.9482		0.9089	0.9089		2,288.8877	2,288.8877	0.4646		2,300.5014
<b>Total</b>	<b>2.2879</b>	<b>17.4336</b>	<b>14.8972</b>	<b>0.0250</b>		<b>0.9482</b>	<b>0.9482</b>		<b>0.9089</b>	<b>0.9089</b>		<b>2,288.8877</b>	<b>2,288.8877</b>	<b>0.4646</b>		<b>2,300.5014</b>

Freeze Mini-Storage and Car Wash - Siskiyou County, Summer

**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	0.1165	2.4481	0.7287	5.9200e-003	0.1227	0.0130	0.1356	0.0353	0.0124	0.0477		618.4402	618.4402	0.0454		619.5743
Worker	0.5003	0.3515	3.6382	7.0000e-003	0.6387	6.0900e-003	0.6447	0.1694	5.6100e-003	0.1750		695.2088	695.2088	0.0383		696.1668
<b>Total</b>	<b>0.6167</b>	<b>2.7996</b>	<b>4.3669</b>	<b>0.0129</b>	<b>0.7613</b>	<b>0.0191</b>	<b>0.7804</b>	<b>0.2047</b>	<b>0.0180</b>	<b>0.2227</b>		<b>1,313.6491</b>	<b>1,313.6491</b>	<b>0.0837</b>		<b>1,315.7411</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	2.2879	17.4336	14.8972	0.0250		0.9482	0.9482		0.9089	0.9089	0.0000	2,288.8877	2,288.8877	0.4646		2,300.5014
<b>Total</b>	<b>2.2879</b>	<b>17.4336</b>	<b>14.8972</b>	<b>0.0250</b>		<b>0.9482</b>	<b>0.9482</b>		<b>0.9089</b>	<b>0.9089</b>	<b>0.0000</b>	<b>2,288.8877</b>	<b>2,288.8877</b>	<b>0.4646</b>		<b>2,300.5014</b>

Freeze Mini-Storage and Car Wash - Siskiyou County, Summer

**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	0.1165	2.4481	0.7287	5.9200e-003	0.1227	0.0130	0.1356	0.0353	0.0124	0.0477		618.4402	618.4402	0.0454		619.5743
Worker	0.5003	0.3515	3.6382	7.0000e-003	0.6387	6.0900e-003	0.6447	0.1694	5.6100e-003	0.1750		695.2088	695.2088	0.0383		696.1668
<b>Total</b>	<b>0.6167</b>	<b>2.7996</b>	<b>4.3669</b>	<b>0.0129</b>	<b>0.7613</b>	<b>0.0191</b>	<b>0.7804</b>	<b>0.2047</b>	<b>0.0180</b>	<b>0.2227</b>		<b>1,313.6491</b>	<b>1,313.6491</b>	<b>0.0837</b>		<b>1,315.7411</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	2.0451	16.0275	14.5629	0.0250		0.8173	0.8173		0.7831	0.7831		2,288.9355	2,288.9355	0.4503		2,300.1935
<b>Total</b>	<b>2.0451</b>	<b>16.0275</b>	<b>14.5629</b>	<b>0.0250</b>		<b>0.8173</b>	<b>0.8173</b>		<b>0.7831</b>	<b>0.7831</b>		<b>2,288.9355</b>	<b>2,288.9355</b>	<b>0.4503</b>		<b>2,300.1935</b>



Freeze Mini-Storage and Car Wash - Siskiyou County, Summer

**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	0.1011	2.2776	0.6355	5.8900e-003	0.1227	8.4400e-003	0.1311	0.0353	8.0700e-003	0.0434		615.0734	615.0734	0.0439		616.1707
Worker	0.4675	0.3128	3.2586	6.7600e-003	0.6387	5.7900e-003	0.6444	0.1694	5.3400e-003	0.1747		672.2987	672.2987	0.0339		673.1459
<b>Total</b>	<b>0.5685</b>	<b>2.5904</b>	<b>3.8941</b>	<b>0.0127</b>	<b>0.7613</b>	<b>0.0142</b>	<b>0.7755</b>	<b>0.2047</b>	<b>0.0134</b>	<b>0.2181</b>		<b>1,287.3721</b>	<b>1,287.3721</b>	<b>0.0778</b>		<b>1,289.3166</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	2.0451	16.0275	14.5629	0.0250		0.8173	0.8173		0.7831	0.7831	0.0000	2,288.9355	2,288.9355	0.4503		2,300.1935
<b>Total</b>	<b>2.0451</b>	<b>16.0275</b>	<b>14.5629</b>	<b>0.0250</b>		<b>0.8173</b>	<b>0.8173</b>		<b>0.7831</b>	<b>0.7831</b>	<b>0.0000</b>	<b>2,288.9355</b>	<b>2,288.9355</b>	<b>0.4503</b>		<b>2,300.1935</b>

Freeze Mini-Storage and Car Wash - Siskiyou County, Summer

**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	0.1011	2.2776	0.6355	5.8900e-003	0.1227	8.4400e-003	0.1311	0.0353	8.0700e-003	0.0434		615.0734	615.0734	0.0439		616.1707
Worker	0.4675	0.3128	3.2586	6.7600e-003	0.6387	5.7900e-003	0.6444	0.1694	5.3400e-003	0.1747		672.2987	672.2987	0.0339		673.1459
<b>Total</b>	<b>0.5685</b>	<b>2.5904</b>	<b>3.8941</b>	<b>0.0127</b>	<b>0.7613</b>	<b>0.0142</b>	<b>0.7755</b>	<b>0.2047</b>	<b>0.0134</b>	<b>0.2181</b>		<b>1,287.3721</b>	<b>1,287.3721</b>	<b>0.0778</b>		<b>1,289.3166</b>

**3.5 Paving - 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	1.0633	10.6478	11.7756	0.0178		0.5826	0.5826		0.5371	0.5371		1,709.1107	1,709.1107	0.5417		1,722.6524
Paving	0.3406					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.4039</b>	<b>10.6478</b>	<b>11.7756</b>	<b>0.0178</b>		<b>0.5826</b>	<b>0.5826</b>		<b>0.5371</b>	<b>0.5371</b>		<b>1,709.1107</b>	<b>1,709.1107</b>	<b>0.5417</b>		<b>1,722.6524</b>

Freeze Mini-Storage and Car Wash - Siskiyou County, Summer

**3.5 Paving - 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	0.1402	0.0938	0.9776	2.0300e-003	0.1916	1.7400e-003	0.1933	0.0508	1.6000e-003	0.0524		201.6896	201.6896	0.0102		201.9438
<b>Total</b>	<b>0.1402</b>	<b>0.0938</b>	<b>0.9776</b>	<b>2.0300e-003</b>	<b>0.1916</b>	<b>1.7400e-003</b>	<b>0.1933</b>	<b>0.0508</b>	<b>1.6000e-003</b>	<b>0.0524</b>		<b>201.6896</b>	<b>201.6896</b>	<b>0.0102</b>		<b>201.9438</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	1.0633	10.6478	11.7756	0.0178		0.5826	0.5826		0.5371	0.5371	0.0000	1,709.1107	1,709.1107	0.5417		1,722.6524
Paving	0.3406					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.4039</b>	<b>10.6478</b>	<b>11.7756</b>	<b>0.0178</b>		<b>0.5826</b>	<b>0.5826</b>		<b>0.5371</b>	<b>0.5371</b>	<b>0.0000</b>	<b>1,709.1107</b>	<b>1,709.1107</b>	<b>0.5417</b>		<b>1,722.6524</b>

Freeze Mini-Storage and Car Wash - Siskiyou County, Summer

**3.5 Paving - 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	0.1402	0.0938	0.9776	2.0300e-003	0.1916	1.7400e-003	0.1933	0.0508	1.6000e-003	0.0524		201.6896	201.6896	0.0102		201.9438
<b>Total</b>	<b>0.1402</b>	<b>0.0938</b>	<b>0.9776</b>	<b>2.0300e-003</b>	<b>0.1916</b>	<b>1.7400e-003</b>	<b>0.1933</b>	<b>0.0508</b>	<b>1.6000e-003</b>	<b>0.0524</b>		<b>201.6896</b>	<b>201.6896</b>	<b>0.0102</b>		<b>201.9438</b>

**3.6 Architectural Coating - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	13.7486					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
<b>Total</b>	<b>13.9675</b>	<b>1.5268</b>	<b>1.8176</b>	<b>2.9700e-003</b>		<b>0.0941</b>	<b>0.0941</b>		<b>0.0941</b>	<b>0.0941</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0193</b>		<b>281.9309</b>

Freeze Mini-Storage and Car Wash - Siskiyou County, Summer

**3.6 Architectural Coating - 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	0.0935	0.0626	0.6517	1.3500e-003	0.1277	1.1600e-003	0.1289	0.0339	1.0700e-003	0.0349		134.4597	134.4597	6.7800e-003		134.6292
<b>Total</b>	<b>0.0935</b>	<b>0.0626</b>	<b>0.6517</b>	<b>1.3500e-003</b>	<b>0.1277</b>	<b>1.1600e-003</b>	<b>0.1289</b>	<b>0.0339</b>	<b>1.0700e-003</b>	<b>0.0349</b>		<b>134.4597</b>	<b>134.4597</b>	<b>6.7800e-003</b>		<b>134.6292</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	13.7486					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
<b>Total</b>	<b>13.9675</b>	<b>1.5268</b>	<b>1.8176</b>	<b>2.9700e-003</b>		<b>0.0941</b>	<b>0.0941</b>		<b>0.0941</b>	<b>0.0941</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0193</b>		<b>281.9309</b>

Freeze Mini-Storage and Car Wash - Siskiyou County, Summer

**3.6 Architectural Coating - 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	0.0935	0.0626	0.6517	1.3500e-003	0.1277	1.1600e-003	0.1289	0.0339	1.0700e-003	0.0349		134.4597	134.4597	6.7800e-003		134.6292
<b>Total</b>	<b>0.0935</b>	<b>0.0626</b>	<b>0.6517</b>	<b>1.3500e-003</b>	<b>0.1277</b>	<b>1.1600e-003</b>	<b>0.1289</b>	<b>0.0339</b>	<b>1.0700e-003</b>	<b>0.0349</b>		<b>134.4597</b>	<b>134.4597</b>	<b>6.7800e-003</b>		<b>134.6292</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

Freeze Mini-Storage and Car Wash - Siskiyou County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.4309	3.5891	3.9837	0.0146	0.7423	0.0155	0.7577	0.1991	0.0146	0.2137		1,488.5537	1,488.5537	0.1068		1,491.2235
Unmitigated	0.4309	3.5891	3.9837	0.0146	0.7423	0.0155	0.7577	0.1991	0.0146	0.2137		1,488.5537	1,488.5537	0.1068		1,491.2235

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		
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	45.09	45.09	45.09	107,257	107,257
User Defined Commercial	100.00	100.00	100.00	237,880	237,880
<b>Total</b>	<b>145.09</b>	<b>145.09</b>	<b>145.09</b>	<b>345,137</b>	<b>345,137</b>

4.3 Trip Type Information

Freeze Mini-Storage and Car Wash - Siskiyou County, Summer

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	14.70	6.60	6.60	33.00	48.00	19.00	77	19	4
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	14.70	6.60	6.60	5.00	90.00	5.00	92	5	3
User Defined Commercial	14.70	6.60	6.60	5.00	90.00	5.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.487361	0.038770	0.180029	0.116952	0.034202	0.006373	0.008681	0.117611	0.001222	0.001581	0.005079	0.001001	0.001137
Other Asphalt Surfaces	0.487361	0.038770	0.180029	0.116952	0.034202	0.006373	0.008681	0.117611	0.001222	0.001581	0.005079	0.001001	0.001137
Other Non-Asphalt Surfaces	0.487361	0.038770	0.180029	0.116952	0.034202	0.006373	0.008681	0.117611	0.001222	0.001581	0.005079	0.001001	0.001137
Unrefrigerated Warehouse-No Rail	0.487361	0.038770	0.180029	0.116952	0.034202	0.006373	0.008681	0.117611	0.001222	0.001581	0.005079	0.001001	0.001137
User Defined Commercial	0.487361	0.038770	0.180029	0.116952	0.034202	0.006373	0.008681	0.117611	0.001222	0.001581	0.005079	0.001001	0.001137

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy



Freeze Mini-Storage and Car Wash - Siskiyou County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.4000e-004	1.2300e-003	1.0300e-003	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		1.4738	1.4738	3.0000e-005	3.0000e-005	1.4825
NaturalGas Unmitigated	1.4000e-004	1.2300e-003	1.0300e-003	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		1.4738	1.4738	3.0000e-005	3.0000e-005	1.4825

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	12.527	1.4000e-004	1.2300e-003	1.0300e-003	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		1.4738	1.4738	3.0000e-005	3.0000e-005	1.4825
Other Asphalt Surfaces	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
Other Non-Asphalt Surfaces	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	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
User Defined Commercial	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
<b>Total</b>		<b>1.4000e-004</b>	<b>1.2300e-003</b>	<b>1.0300e-003</b>	<b>1.0000e-005</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>1.4738</b>	<b>1.4738</b>	<b>3.0000e-005</b>	<b>3.0000e-005</b>	<b>1.4825</b>

Freeze Mini-Storage and Car Wash - Siskiyou County, Summer

**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					
General Office Building	0.012527	1.4000e-004	1.2300e-003	1.0300e-003	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		1.4738	1.4738	3.0000e-005	3.0000e-005	1.4825
Other Asphalt Surfaces	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
Other Non-Asphalt Surfaces	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	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
User Defined Commercial	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
<b>Total</b>		<b>1.4000e-004</b>	<b>1.2300e-003</b>	<b>1.0300e-003</b>	<b>1.0000e-005</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>1.4738</b>	<b>1.4738</b>	<b>3.0000e-005</b>	<b>3.0000e-005</b>	<b>1.4825</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

Freeze Mini-Storage and Car Wash - Siskiyou County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.9674	9.0000e-005	9.4300e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0201	0.0201	5.0000e-005		0.0215
Unmitigated	0.9674	9.0000e-005	9.4300e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0201	0.0201	5.0000e-005		0.0215

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	0.2269					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.7396					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	8.8000e-004	9.0000e-005	9.4300e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0201	0.0201	5.0000e-005		0.0215
<b>Total</b>	<b>0.9674</b>	<b>9.0000e-005</b>	<b>9.4300e-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>0.0201</b>	<b>0.0201</b>	<b>5.0000e-005</b>		<b>0.0215</b>

Freeze Mini-Storage and Car Wash - Siskiyou County, Summer

**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	lb/day										lb/day					
Architectural Coating	0.2269					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.7396					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	8.8000e-004	9.0000e-005	9.4300e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0201	0.0201	5.0000e-005		0.0215
<b>Total</b>	<b>0.9674</b>	<b>9.0000e-005</b>	<b>9.4300e-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>0.0201</b>	<b>0.0201</b>	<b>5.0000e-005</b>		<b>0.0215</b>

**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 Stationary Equipment**

Fire Pumps and Emergency Generators

Freeze Mini-Storage and Car Wash - Siskiyou County, Summer

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

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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Freeze Mini-Storage and Car Wash - Siskiyou County, Winter

**Freeze Mini-Storage and Car Wash  
Siskiyou County, Winter**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	0.23	1000sqft	0.01	234.00	0
User Defined Commercial	4.00	User Defined Unit	0.07	3,024.00	0
Unrefrigerated Warehouse-No Rail	29.86	1000sqft	0.69	29,858.00	0
Other Asphalt Surfaces	43.70	1000sqft	1.00	43,699.00	0
Other Asphalt Surfaces	0.30	Acre	0.30	13,068.00	0
Other Non-Asphalt Surfaces	13.56	1000sqft	0.31	13,563.00	0
Other Non-Asphalt Surfaces	0.39	Acre	0.39	16,988.40	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Rural	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	85
<b>Climate Zone</b>	14			<b>Operational Year</b>	2021
<b>Utility Company</b>	PacifiCorp				
<b>CO2 Intensity (lb/MW hr)</b>	1656.39	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

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

Freeze Mini-Storage and Car Wash - Siskiyou County, Winter

Project Characteristics -

Land Use - Warehouse = mini-storage facility; parking = paved area per applicant.

User defined = car wash; parking = paved area per applicant.

Parking (other asphalt) = landscaping including surface drainage features.

Construction Phase -

Grading - 1,000 CY vegetation and debris exported during site prep.

water line extension 320 along Road No M2M16.

Architectural Coating - The mini-storage units will be pre-painted at the factory.

Vehicle Trips - Trip generation (unrefrigerated warehouse) per ITE 10th edition.

Car wash (user-defined commercial) trips per applicant's engineer.

Energy Use - Energy intensity estimated from CalEEMod defaults for Auto Care Center.

Water And Wastewater - No water use for the mini-storage units except office.

Car wash water use assumes 50% recycled water per applicant's engineer.

Solid Waste - Mini-storage does not provide any solid waste collection for customers.

All other solid waste included in the office building.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	16,558.00	1,659.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	49,674.00	4,967.00
tblEnergyUse	LightingElect	0.00	2.17
tblEnergyUse	LightingElect	0.00	1.37
tblEnergyUse	NT24E	0.00	1.38
tblEnergyUse	NT24E	0.00	1.40
tblEnergyUse	T24E	0.00	0.24
tblEnergyUse	T24E	0.00	0.47
tblGrading	MaterialExported	0.00	1,000.00
tblLandUse	LandUseSquareFeet	230.00	234.00
tblLandUse	LandUseSquareFeet	0.00	3,024.00
tblLandUse	LandUseSquareFeet	29,860.00	29,858.00
tblLandUse	LandUseSquareFeet	43,700.00	43,699.00

## Freeze Mini-Storage and Car Wash - Siskiyou County, Winter

tblLandUse	LandUseSquareFeet	13,560.00	13,563.00
tblLandUse	LotAcreage	0.00	0.07
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	28.07	0.00
tblVehicleTrips	CC_TTP	0.00	90.00
tblVehicleTrips	CC_TTP	0.00	90.00
tblVehicleTrips	CNW_TTP	41.00	5.00
tblVehicleTrips	CNW_TTP	0.00	5.00
tblVehicleTrips	CW_TTP	59.00	5.00
tblVehicleTrips	CW_TTP	0.00	5.00
tblVehicleTrips	DV_TP	0.00	5.00
tblVehicleTrips	PB_TP	0.00	3.00
tblVehicleTrips	PR_TP	0.00	92.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	1.68	1.51
tblVehicleTrips	ST_TR	0.00	25.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	1.68	1.51
tblVehicleTrips	SU_TR	0.00	25.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	1.68	1.51
tblVehicleTrips	WD_TR	0.00	25.00
tblWater	IndoorWaterUseRate	6,905,125.00	0.00
tblWater	IndoorWaterUseRate	0.00	423,400.00

## 2.0 Emissions Summary

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Freeze Mini-Storage and Car Wash - Siskiyou County, 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	0.9674	9.0000e-005	9.4300e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0201	0.0201	5.0000e-005		0.0215
Energy	1.4000e-004	1.2300e-003	1.0300e-003	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		1.4738	1.4738	3.0000e-005	3.0000e-005	1.4825
Mobile	0.4255	3.7435	4.7359	0.0138	0.7423	0.0160	0.7583	0.1991	0.0152	0.2142		1,409.8363	1,409.8363	0.1180		1,412.7874
<b>Total</b>	<b>1.3930</b>	<b>3.7449</b>	<b>4.7463</b>	<b>0.0138</b>	<b>0.7423</b>	<b>0.0162</b>	<b>0.7584</b>	<b>0.1991</b>	<b>0.0153</b>	<b>0.2143</b>		<b>1,411.3302</b>	<b>1,411.3302</b>	<b>0.1181</b>	<b>3.0000e-005</b>	<b>1,414.2914</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	0.9674	9.0000e-005	9.4300e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0201	0.0201	5.0000e-005		0.0215
Energy	1.4000e-004	1.2300e-003	1.0300e-003	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		1.4738	1.4738	3.0000e-005	3.0000e-005	1.4825
Mobile	0.4255	3.7435	4.7359	0.0138	0.7423	0.0160	0.7583	0.1991	0.0152	0.2142		1,409.8363	1,409.8363	0.1180		1,412.7874
<b>Total</b>	<b>1.3930</b>	<b>3.7449</b>	<b>4.7463</b>	<b>0.0138</b>	<b>0.7423</b>	<b>0.0162</b>	<b>0.7584</b>	<b>0.1991</b>	<b>0.0153</b>	<b>0.2143</b>		<b>1,411.3302</b>	<b>1,411.3302</b>	<b>0.1181</b>	<b>3.0000e-005</b>	<b>1,414.2914</b>

Freeze Mini-Storage and Car Wash - Siskiyou County, 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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

### 3.0 Construction Detail

#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	5/1/2020	5/5/2020	5	3	
2	Grading	Grading	5/6/2020	5/13/2020	5	6	
3	Building Construction	Building Construction	5/14/2020	3/17/2021	5	220	
4	Paving	Paving	3/18/2021	3/31/2021	5	10	
5	Architectural Coating	Architectural Coating	4/1/2021	4/14/2021	5	10	

Acres of Grading (Site Preparation Phase): 4.5

Acres of Grading (Grading Phase): 3

Acres of Paving: 2

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 4,967; Non-Residential Outdoor: 1,659; Striped Parking Area: 5,239 (Architectural Coating – sqft)

#### OffRoad Equipment

Freeze Mini-Storage and Car Wash - Siskiyou County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Scrapers	1	8.00	367	0.48
Site Preparation	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Building Construction	Cranes	1	8.00	231	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	130	0.42
Paving	Paving Equipment	1	8.00	132	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

**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	3	8.00	0.00	125.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	50.00	20.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	10.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

Freeze Mini-Storage and Car Wash - Siskiyou County, Winter

**3.1 Mitigation Measures Construction**

**3.2 Site Preparation - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.6285	0.0000	1.6285	0.1775	0.0000	0.1775			0.0000			0.0000
Off-Road	1.6521	19.9196	11.2678	0.0245		0.7771	0.7771		0.7149	0.7149		2,372.906 2	2,372.906 2	0.7675		2,392.092 4
<b>Total</b>	<b>1.6521</b>	<b>19.9196</b>	<b>11.2678</b>	<b>0.0245</b>	<b>1.6285</b>	<b>0.7771</b>	<b>2.4055</b>	<b>0.1775</b>	<b>0.7149</b>	<b>0.8924</b>		<b>2,372.906 2</b>	<b>2,372.906 2</b>	<b>0.7675</b>		<b>2,392.092 4</b>

Freeze Mini-Storage and Car Wash - Siskiyou County, Winter

**3.2 Site Preparation - 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	0.3716	12.0799	2.0910	0.0344	0.7305	0.0442	0.7747	0.2004	0.0423	0.2427		3,604.5153	3,604.5153	0.1945		3,609.3771
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0951	0.0809	0.6317	1.0600e-003	0.1022	9.7000e-004	0.1032	0.0271	9.0000e-004	0.0280		105.5974	105.5974	6.1300e-003		105.7506
<b>Total</b>	<b>0.4667</b>	<b>12.1607</b>	<b>2.7227</b>	<b>0.0355</b>	<b>0.8327</b>	<b>0.0452</b>	<b>0.8779</b>	<b>0.2275</b>	<b>0.0432</b>	<b>0.2707</b>		<b>3,710.1127</b>	<b>3,710.1127</b>	<b>0.2006</b>		<b>3,715.1277</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					1.6285	0.0000	1.6285	0.1775	0.0000	0.1775			0.0000			0.0000
Off-Road	1.6521	19.9196	11.2678	0.0245		0.7771	0.7771		0.7149	0.7149	0.0000	2,372.9062	2,372.9062	0.7675		2,392.0924
<b>Total</b>	<b>1.6521</b>	<b>19.9196</b>	<b>11.2678</b>	<b>0.0245</b>	<b>1.6285</b>	<b>0.7771</b>	<b>2.4055</b>	<b>0.1775</b>	<b>0.7149</b>	<b>0.8924</b>	<b>0.0000</b>	<b>2,372.9062</b>	<b>2,372.9062</b>	<b>0.7675</b>		<b>2,392.0924</b>

Freeze Mini-Storage and Car Wash - Siskiyou County, Winter

**3.2 Site Preparation - 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	0.3716	12.0799	2.0910	0.0344	0.7305	0.0442	0.7747	0.2004	0.0423	0.2427		3,604.5153	3,604.5153	0.1945		3,609.3771
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0951	0.0809	0.6317	1.0600e-003	0.1022	9.7000e-004	0.1032	0.0271	9.0000e-004	0.0280		105.5974	105.5974	6.1300e-003		105.7506
<b>Total</b>	<b>0.4667</b>	<b>12.1607</b>	<b>2.7227</b>	<b>0.0355</b>	<b>0.8327</b>	<b>0.0452</b>	<b>0.8779</b>	<b>0.2275</b>	<b>0.0432</b>	<b>0.2707</b>		<b>3,710.1127</b>	<b>3,710.1127</b>	<b>0.2006</b>		<b>3,715.1277</b>

**3.3 Grading - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.9219	21.3418	9.9355	0.0206		0.9902	0.9902		0.9110	0.9110		1,996.4061	1,996.4061	0.6457		2,012.5480
<b>Total</b>	<b>1.9219</b>	<b>21.3418</b>	<b>9.9355</b>	<b>0.0206</b>	<b>6.5523</b>	<b>0.9902</b>	<b>7.5425</b>	<b>3.3675</b>	<b>0.9110</b>	<b>4.2784</b>		<b>1,996.4061</b>	<b>1,996.4061</b>	<b>0.6457</b>		<b>2,012.5480</b>

Freeze Mini-Storage and Car Wash - Siskiyou County, Winter

**3.3 Grading - 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	0.1189	0.1011	0.7896	1.3300e-003	0.1277	1.2200e-003	0.1290	0.0339	1.1200e-003	0.0350		131.9968	131.9968	7.6600e-003		132.1883
<b>Total</b>	<b>0.1189</b>	<b>0.1011</b>	<b>0.7896</b>	<b>1.3300e-003</b>	<b>0.1277</b>	<b>1.2200e-003</b>	<b>0.1290</b>	<b>0.0339</b>	<b>1.1200e-003</b>	<b>0.0350</b>		<b>131.9968</b>	<b>131.9968</b>	<b>7.6600e-003</b>		<b>132.1883</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					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.9219	21.3418	9.9355	0.0206		0.9902	0.9902		0.9110	0.9110	0.0000	1,996.4061	1,996.4061	0.6457		2,012.5480
<b>Total</b>	<b>1.9219</b>	<b>21.3418</b>	<b>9.9355</b>	<b>0.0206</b>	<b>6.5523</b>	<b>0.9902</b>	<b>7.5425</b>	<b>3.3675</b>	<b>0.9110</b>	<b>4.2784</b>	<b>0.0000</b>	<b>1,996.4061</b>	<b>1,996.4061</b>	<b>0.6457</b>		<b>2,012.5480</b>



Freeze Mini-Storage and Car Wash - Siskiyou County, Winter

**3.3 Grading - 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	0.1189	0.1011	0.7896	1.3300e-003	0.1277	1.2200e-003	0.1290	0.0339	1.1200e-003	0.0350		131.9968	131.9968	7.6600e-003		132.1883
<b>Total</b>	<b>0.1189</b>	<b>0.1011</b>	<b>0.7896</b>	<b>1.3300e-003</b>	<b>0.1277</b>	<b>1.2200e-003</b>	<b>0.1290</b>	<b>0.0339</b>	<b>1.1200e-003</b>	<b>0.0350</b>		<b>131.9968</b>	<b>131.9968</b>	<b>7.6600e-003</b>		<b>132.1883</b>

**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	2.2879	17.4336	14.8972	0.0250		0.9482	0.9482		0.9089	0.9089		2,288.8877	2,288.8877	0.4646		2,300.5014
<b>Total</b>	<b>2.2879</b>	<b>17.4336</b>	<b>14.8972</b>	<b>0.0250</b>		<b>0.9482</b>	<b>0.9482</b>		<b>0.9089</b>	<b>0.9089</b>		<b>2,288.8877</b>	<b>2,288.8877</b>	<b>0.4646</b>		<b>2,300.5014</b>

Freeze Mini-Storage and Car Wash - Siskiyou County, Winter

**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	0.1283	2.4924	0.9432	5.6700e-003	0.1227	0.0134	0.1360	0.0353	0.0128	0.0481		591.6838	591.6838	0.0515		592.9711
Worker	0.5945	0.5053	3.9481	6.6500e-003	0.6387	6.0900e-003	0.6447	0.1694	5.6100e-003	0.1750		659.9839	659.9839	0.0383		660.9414
<b>Total</b>	<b>0.7227</b>	<b>2.9977</b>	<b>4.8913</b>	<b>0.0123</b>	<b>0.7613</b>	<b>0.0195</b>	<b>0.7808</b>	<b>0.2047</b>	<b>0.0184</b>	<b>0.2231</b>		<b>1,251.6677</b>	<b>1,251.6677</b>	<b>0.0898</b>		<b>1,253.9124</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	2.2879	17.4336	14.8972	0.0250		0.9482	0.9482		0.9089	0.9089	0.0000	2,288.8877	2,288.8877	0.4646		2,300.5014
<b>Total</b>	<b>2.2879</b>	<b>17.4336</b>	<b>14.8972</b>	<b>0.0250</b>		<b>0.9482</b>	<b>0.9482</b>		<b>0.9089</b>	<b>0.9089</b>	<b>0.0000</b>	<b>2,288.8877</b>	<b>2,288.8877</b>	<b>0.4646</b>		<b>2,300.5014</b>

Freeze Mini-Storage and Car Wash - Siskiyou County, Winter

**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	0.1283	2.4924	0.9432	5.6700e-003	0.1227	0.0134	0.1360	0.0353	0.0128	0.0481		591.6838	591.6838	0.0515		592.9711
Worker	0.5945	0.5053	3.9481	6.6500e-003	0.6387	6.0900e-003	0.6447	0.1694	5.6100e-003	0.1750		659.9839	659.9839	0.0383		660.9414
<b>Total</b>	<b>0.7227</b>	<b>2.9977</b>	<b>4.8913</b>	<b>0.0123</b>	<b>0.7613</b>	<b>0.0195</b>	<b>0.7808</b>	<b>0.2047</b>	<b>0.0184</b>	<b>0.2231</b>		<b>1,251.6677</b>	<b>1,251.6677</b>	<b>0.0898</b>		<b>1,253.9124</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	2.0451	16.0275	14.5629	0.0250		0.8173	0.8173		0.7831	0.7831		2,288.9355	2,288.9355	0.4503		2,300.1935
<b>Total</b>	<b>2.0451</b>	<b>16.0275</b>	<b>14.5629</b>	<b>0.0250</b>		<b>0.8173</b>	<b>0.8173</b>		<b>0.7831</b>	<b>0.7831</b>		<b>2,288.9355</b>	<b>2,288.9355</b>	<b>0.4503</b>		<b>2,300.1935</b>

Freeze Mini-Storage and Car Wash - Siskiyou County, 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	0.1117	2.3102	0.8256	5.6400e-003	0.1227	8.8300e-003	0.1315	0.0353	8.4400e-003	0.0438		588.1223	588.1223	0.0499		589.3696
Worker	0.5563	0.4494	3.5114	6.4300e-003	0.6387	5.7900e-003	0.6444	0.1694	5.3400e-003	0.1747		638.2076	638.2076	0.0336		639.0482
<b>Total</b>	<b>0.6680</b>	<b>2.7595</b>	<b>4.3369</b>	<b>0.0121</b>	<b>0.7613</b>	<b>0.0146</b>	<b>0.7759</b>	<b>0.2047</b>	<b>0.0138</b>	<b>0.2185</b>		<b>1,226.3299</b>	<b>1,226.3299</b>	<b>0.0835</b>		<b>1,228.4178</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	2.0451	16.0275	14.5629	0.0250		0.8173	0.8173		0.7831	0.7831	0.0000	2,288.9355	2,288.9355	0.4503		2,300.1935
<b>Total</b>	<b>2.0451</b>	<b>16.0275</b>	<b>14.5629</b>	<b>0.0250</b>		<b>0.8173</b>	<b>0.8173</b>		<b>0.7831</b>	<b>0.7831</b>	<b>0.0000</b>	<b>2,288.9355</b>	<b>2,288.9355</b>	<b>0.4503</b>		<b>2,300.1935</b>

Freeze Mini-Storage and Car Wash - Siskiyou County, 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	0.1117	2.3102	0.8256	5.6400e-003	0.1227	8.8300e-003	0.1315	0.0353	8.4400e-003	0.0438		588.1223	588.1223	0.0499		589.3696
Worker	0.5563	0.4494	3.5114	6.4300e-003	0.6387	5.7900e-003	0.6444	0.1694	5.3400e-003	0.1747		638.2076	638.2076	0.0336		639.0482
<b>Total</b>	<b>0.6680</b>	<b>2.7595</b>	<b>4.3369</b>	<b>0.0121</b>	<b>0.7613</b>	<b>0.0146</b>	<b>0.7759</b>	<b>0.2047</b>	<b>0.0138</b>	<b>0.2185</b>		<b>1,226.3299</b>	<b>1,226.3299</b>	<b>0.0835</b>		<b>1,228.4178</b>

**3.5 Paving - 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	1.0633	10.6478	11.7756	0.0178		0.5826	0.5826		0.5371	0.5371		1,709.1107	1,709.1107	0.5417		1,722.6524
Paving	0.3406					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.4039</b>	<b>10.6478</b>	<b>11.7756</b>	<b>0.0178</b>		<b>0.5826</b>	<b>0.5826</b>		<b>0.5371</b>	<b>0.5371</b>		<b>1,709.1107</b>	<b>1,709.1107</b>	<b>0.5417</b>		<b>1,722.6524</b>

Freeze Mini-Storage and Car Wash - Siskiyou County, Winter

**3.5 Paving - 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	0.1669	0.1348	1.0534	1.9300e-003	0.1916	1.7400e-003	0.1933	0.0508	1.6000e-003	0.0524		191.4623	191.4623	0.0101		191.7145
<b>Total</b>	<b>0.1669</b>	<b>0.1348</b>	<b>1.0534</b>	<b>1.9300e-003</b>	<b>0.1916</b>	<b>1.7400e-003</b>	<b>0.1933</b>	<b>0.0508</b>	<b>1.6000e-003</b>	<b>0.0524</b>		<b>191.4623</b>	<b>191.4623</b>	<b>0.0101</b>		<b>191.7145</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	1.0633	10.6478	11.7756	0.0178		0.5826	0.5826		0.5371	0.5371	0.0000	1,709.1107	1,709.1107	0.5417		1,722.6524
Paving	0.3406					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.4039</b>	<b>10.6478</b>	<b>11.7756</b>	<b>0.0178</b>		<b>0.5826</b>	<b>0.5826</b>		<b>0.5371</b>	<b>0.5371</b>	<b>0.0000</b>	<b>1,709.1107</b>	<b>1,709.1107</b>	<b>0.5417</b>		<b>1,722.6524</b>

Freeze Mini-Storage and Car Wash - Siskiyou County, Winter

**3.5 Paving - 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	0.1669	0.1348	1.0534	1.9300e-003	0.1916	1.7400e-003	0.1933	0.0508	1.6000e-003	0.0524		191.4623	191.4623	0.0101		191.7145
<b>Total</b>	<b>0.1669</b>	<b>0.1348</b>	<b>1.0534</b>	<b>1.9300e-003</b>	<b>0.1916</b>	<b>1.7400e-003</b>	<b>0.1933</b>	<b>0.0508</b>	<b>1.6000e-003</b>	<b>0.0524</b>		<b>191.4623</b>	<b>191.4623</b>	<b>0.0101</b>		<b>191.7145</b>

**3.6 Architectural Coating - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	13.7486					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
<b>Total</b>	<b>13.9675</b>	<b>1.5268</b>	<b>1.8176</b>	<b>2.9700e-003</b>		<b>0.0941</b>	<b>0.0941</b>		<b>0.0941</b>	<b>0.0941</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0193</b>		<b>281.9309</b>

Freeze Mini-Storage and Car Wash - Siskiyou County, Winter

**3.6 Architectural Coating - 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	0.1113	0.0899	0.7023	1.2900e-003	0.1277	1.1600e-003	0.1289	0.0339	1.0700e-003	0.0349		127.6415	127.6415	6.7200e-003		127.8096
<b>Total</b>	<b>0.1113</b>	<b>0.0899</b>	<b>0.7023</b>	<b>1.2900e-003</b>	<b>0.1277</b>	<b>1.1600e-003</b>	<b>0.1289</b>	<b>0.0339</b>	<b>1.0700e-003</b>	<b>0.0349</b>		<b>127.6415</b>	<b>127.6415</b>	<b>6.7200e-003</b>		<b>127.8096</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	13.7486					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
<b>Total</b>	<b>13.9675</b>	<b>1.5268</b>	<b>1.8176</b>	<b>2.9700e-003</b>		<b>0.0941</b>	<b>0.0941</b>		<b>0.0941</b>	<b>0.0941</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0193</b>		<b>281.9309</b>



Freeze Mini-Storage and Car Wash - Siskiyou County, Winter

**3.6 Architectural Coating - 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	0.1113	0.0899	0.7023	1.2900e-003	0.1277	1.1600e-003	0.1289	0.0339	1.0700e-003	0.0349		127.6415	127.6415	6.7200e-003		127.8096
<b>Total</b>	<b>0.1113</b>	<b>0.0899</b>	<b>0.7023</b>	<b>1.2900e-003</b>	<b>0.1277</b>	<b>1.1600e-003</b>	<b>0.1289</b>	<b>0.0339</b>	<b>1.0700e-003</b>	<b>0.0349</b>		<b>127.6415</b>	<b>127.6415</b>	<b>6.7200e-003</b>		<b>127.8096</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

Freeze Mini-Storage and Car Wash - Siskiyou County, 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	0.4255	3.7435	4.7359	0.0138	0.7423	0.0160	0.7583	0.1991	0.0152	0.2142		1,409.8363	1,409.8363	0.1180		1,412.7874
Unmitigated	0.4255	3.7435	4.7359	0.0138	0.7423	0.0160	0.7583	0.1991	0.0152	0.2142		1,409.8363	1,409.8363	0.1180		1,412.7874

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		
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	45.09	45.09	45.09	107,257	107,257
User Defined Commercial	100.00	100.00	100.00	237,880	237,880
<b>Total</b>	<b>145.09</b>	<b>145.09</b>	<b>145.09</b>	<b>345,137</b>	<b>345,137</b>

4.3 Trip Type Information

Freeze Mini-Storage and Car Wash - Siskiyou County, Winter

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	14.70	6.60	6.60	33.00	48.00	19.00	77	19	4
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	14.70	6.60	6.60	5.00	90.00	5.00	92	5	3
User Defined Commercial	14.70	6.60	6.60	5.00	90.00	5.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.487361	0.038770	0.180029	0.116952	0.034202	0.006373	0.008681	0.117611	0.001222	0.001581	0.005079	0.001001	0.001137
Other Asphalt Surfaces	0.487361	0.038770	0.180029	0.116952	0.034202	0.006373	0.008681	0.117611	0.001222	0.001581	0.005079	0.001001	0.001137
Other Non-Asphalt Surfaces	0.487361	0.038770	0.180029	0.116952	0.034202	0.006373	0.008681	0.117611	0.001222	0.001581	0.005079	0.001001	0.001137
Unrefrigerated Warehouse-No Rail	0.487361	0.038770	0.180029	0.116952	0.034202	0.006373	0.008681	0.117611	0.001222	0.001581	0.005079	0.001001	0.001137
User Defined Commercial	0.487361	0.038770	0.180029	0.116952	0.034202	0.006373	0.008681	0.117611	0.001222	0.001581	0.005079	0.001001	0.001137

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Freeze Mini-Storage and Car Wash - Siskiyou County, 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					
NaturalGas Mitigated	1.4000e-004	1.2300e-003	1.0300e-003	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		1.4738	1.4738	3.0000e-005	3.0000e-005	1.4825
NaturalGas Unmitigated	1.4000e-004	1.2300e-003	1.0300e-003	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		1.4738	1.4738	3.0000e-005	3.0000e-005	1.4825

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	12.527	1.4000e-004	1.2300e-003	1.0300e-003	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		1.4738	1.4738	3.0000e-005	3.0000e-005	1.4825
Other Asphalt Surfaces	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
Other Non-Asphalt Surfaces	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	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
User Defined Commercial	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
<b>Total</b>		<b>1.4000e-004</b>	<b>1.2300e-003</b>	<b>1.0300e-003</b>	<b>1.0000e-005</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>1.4738</b>	<b>1.4738</b>	<b>3.0000e-005</b>	<b>3.0000e-005</b>	<b>1.4825</b>

Freeze Mini-Storage and Car Wash - Siskiyou County, Winter

**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					
General Office Building	0.012527	1.4000e-004	1.2300e-003	1.0300e-003	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		1.4738	1.4738	3.0000e-005	3.0000e-005	1.4825
Other Asphalt Surfaces	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
Other Non-Asphalt Surfaces	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	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
User Defined Commercial	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
<b>Total</b>		<b>1.4000e-004</b>	<b>1.2300e-003</b>	<b>1.0300e-003</b>	<b>1.0000e-005</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>1.4738</b>	<b>1.4738</b>	<b>3.0000e-005</b>	<b>3.0000e-005</b>	<b>1.4825</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

Freeze Mini-Storage and Car Wash - Siskiyou County, 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	0.9674	9.0000e-005	9.4300e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0201	0.0201	5.0000e-005		0.0215
Unmitigated	0.9674	9.0000e-005	9.4300e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0201	0.0201	5.0000e-005		0.0215

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	0.2269					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.7396					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	8.8000e-004	9.0000e-005	9.4300e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0201	0.0201	5.0000e-005		0.0215
<b>Total</b>	<b>0.9674</b>	<b>9.0000e-005</b>	<b>9.4300e-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>0.0201</b>	<b>0.0201</b>	<b>5.0000e-005</b>		<b>0.0215</b>

Freeze Mini-Storage and Car Wash - Siskiyou County, Winter

**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	lb/day										lb/day					
Architectural Coating	0.2269					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.7396					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	8.8000e-004	9.0000e-005	9.4300e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0201	0.0201	5.0000e-005		0.0215
<b>Total</b>	<b>0.9674</b>	<b>9.0000e-005</b>	<b>9.4300e-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>0.0201</b>	<b>0.0201</b>	<b>5.0000e-005</b>		<b>0.0215</b>

**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 Stationary Equipment**

Fire Pumps and Emergency Generators

Freeze Mini-Storage and Car Wash - Siskiyou County, Winter

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

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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Freeze Mini-Storage and Car Wash - Siskiyou County, Annual

**Freeze Mini-Storage and Car Wash  
Siskiyou County, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	0.23	1000sqft	0.01	234.00	0
User Defined Commercial	4.00	User Defined Unit	0.07	3,024.00	0
Unrefrigerated Warehouse-No Rail	29.86	1000sqft	0.69	29,858.00	0
Other Asphalt Surfaces	43.70	1000sqft	1.00	43,699.00	0
Other Asphalt Surfaces	0.30	Acre	0.30	13,068.00	0
Other Non-Asphalt Surfaces	13.56	1000sqft	0.31	13,563.00	0
Other Non-Asphalt Surfaces	0.39	Acre	0.39	16,988.40	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Rural	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	85
<b>Climate Zone</b>	14			<b>Operational Year</b>	2021
<b>Utility Company</b>	PacifiCorp				
<b>CO2 Intensity (lb/MW hr)</b>	1656.39	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

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

## Freeze Mini-Storage and Car Wash - Siskiyou County, Annual

## Project Characteristics -

Land Use - Warehouse = mini-storage facility; parking = paved area per applicant.

User defined = car wash; parking = paved area per applicant.

Parking (other asphalt) = landscaping including surface drainage features.

## Construction Phase -

Grading - 1,000 CY vegetation and debris exported during site prep.

water line extension 320 along Road No M2M16.

Architectural Coating - The mini-storage units will be pre-painted at the factory.

Vehicle Trips - Trip generation (unrefrigerated warehouse) per ITE 10th edition.

Car wash (user-defined commercial) trips per applicant's engineer.

Energy Use - Energy intensity estimated from CalEEMod defaults for Auto Care Center.

Water And Wastewater - No water use for the mini-storage units except office.

Car wash water use assumes 50% recycled water per applicant's engineer.

Solid Waste - Mini-storage does not provide any solid waste collection for customers.

All other solid waste included in the office building.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	16,558.00	1,659.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	49,674.00	4,967.00
tblEnergyUse	LightingElect	0.00	2.17
tblEnergyUse	LightingElect	0.00	1.37
tblEnergyUse	NT24E	0.00	1.38
tblEnergyUse	NT24E	0.00	1.40
tblEnergyUse	T24E	0.00	0.24
tblEnergyUse	T24E	0.00	0.47
tblGrading	MaterialExported	0.00	1,000.00
tblLandUse	LandUseSquareFeet	230.00	234.00
tblLandUse	LandUseSquareFeet	0.00	3,024.00
tblLandUse	LandUseSquareFeet	29,860.00	29,858.00
tblLandUse	LandUseSquareFeet	43,700.00	43,699.00

## Freeze Mini-Storage and Car Wash - Siskiyou County, Annual

tblLandUse	LandUseSquareFeet	13,560.00	13,563.00
tblLandUse	LotAcreage	0.00	0.07
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	28.07	0.00
tblVehicleTrips	CC_TTP	0.00	90.00
tblVehicleTrips	CC_TTP	0.00	90.00
tblVehicleTrips	CNW_TTP	41.00	5.00
tblVehicleTrips	CNW_TTP	0.00	5.00
tblVehicleTrips	CW_TTP	59.00	5.00
tblVehicleTrips	CW_TTP	0.00	5.00
tblVehicleTrips	DV_TP	0.00	5.00
tblVehicleTrips	PB_TP	0.00	3.00
tblVehicleTrips	PR_TP	0.00	92.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	1.68	1.51
tblVehicleTrips	ST_TR	0.00	25.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	1.68	1.51
tblVehicleTrips	SU_TR	0.00	25.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	1.68	1.51
tblVehicleTrips	WD_TR	0.00	25.00
tblWater	IndoorWaterUseRate	6,905,125.00	0.00
tblWater	IndoorWaterUseRate	0.00	423,400.00

## 2.0 Emissions Summary

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Freeze Mini-Storage and Car Wash - Siskiyou County, Annual

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	5-1-2020	7-31-2020	0.7801	0.7801
2	8-1-2020	10-31-2020	0.7636	0.7636
3	11-1-2020	1-31-2021	0.7487	0.7487
4	2-1-2021	4-30-2021	0.4856	0.4856
		Highest	0.7801	0.7801

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.1765	1.0000e-005	8.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.6400e-003	1.6400e-003	0.0000	0.0000	1.7500e-003
Energy	2.0000e-005	2.2000e-004	1.9000e-004	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	94.5712	94.5712	1.6600e-003	3.5000e-004	94.7157
Mobile	0.0761	0.6643	0.7834	2.5700e-003	0.1285	2.8600e-003	0.1313	0.0346	2.7000e-003	0.0373	0.0000	238.2337	238.2337	0.0184	0.0000	238.6932
Waste						0.0000	0.0000		0.0000	0.0000	0.0426	0.0000	0.0426	2.5200e-003	0.0000	0.1056
Water						0.0000	0.0000		0.0000	0.0000	0.1473	1.9534	2.1007	0.0152	3.6000e-004	2.5883
<b>Total</b>	<b>0.2526</b>	<b>0.6645</b>	<b>0.7844</b>	<b>2.5700e-003</b>	<b>0.1285</b>	<b>2.8800e-003</b>	<b>0.1313</b>	<b>0.0346</b>	<b>2.7200e-003</b>	<b>0.0373</b>	<b>0.1899</b>	<b>334.7599</b>	<b>334.9498</b>	<b>0.0377</b>	<b>7.1000e-004</b>	<b>336.1046</b>

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**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	0.1765	1.0000e-005	8.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.6400e-003	1.6400e-003	0.0000	0.0000	1.7500e-003
Energy	2.0000e-005	2.2000e-004	1.9000e-004	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	94.5712	94.5712	1.6600e-003	3.5000e-004	94.7157
Mobile	0.0761	0.6643	0.7834	2.5700e-003	0.1285	2.8600e-003	0.1313	0.0346	2.7000e-003	0.0373	0.0000	238.2337	238.2337	0.0184	0.0000	238.6932
Waste						0.0000	0.0000		0.0000	0.0000	0.0426	0.0000	0.0426	2.5200e-003	0.0000	0.1056
Water						0.0000	0.0000		0.0000	0.0000	0.1473	1.9534	2.1007	0.0152	3.6000e-004	2.5883
<b>Total</b>	<b>0.2526</b>	<b>0.6645</b>	<b>0.7844</b>	<b>2.5700e-003</b>	<b>0.1285</b>	<b>2.8800e-003</b>	<b>0.1313</b>	<b>0.0346</b>	<b>2.7200e-003</b>	<b>0.0373</b>	<b>0.1899</b>	<b>334.7599</b>	<b>334.9498</b>	<b>0.0377</b>	<b>7.1000e-004</b>	<b>336.1046</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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**3.0 Construction Detail**

**Construction Phase**

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	5/1/2020	5/5/2020	5	3	
2	Grading	Grading	5/6/2020	5/13/2020	5	6	
3	Building Construction	Building Construction	5/14/2020	3/17/2021	5	220	
4	Paving	Paving	3/18/2021	3/31/2021	5	10	
5	Architectural Coating	Architectural Coating	4/1/2021	4/14/2021	5	10	

**Acres of Grading (Site Preparation Phase): 4.5**

**Acres of Grading (Grading Phase): 3**

**Acres of Paving: 2**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 4,967; Non-Residential Outdoor: 1,659; Striped Parking Area: 5,239 (Architectural Coating – sqft)**

**OffRoad Equipment**

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Scrapers	1	8.00	367	0.48
Site Preparation	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Building Construction	Cranes	1	8.00	231	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	130	0.42
Paving	Paving Equipment	1	8.00	132	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

**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	3	8.00	0.00	125.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	50.00	20.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	10.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT



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**3.1 Mitigation Measures Construction**

**3.2 Site Preparation - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.4400e-003	0.0000	2.4400e-003	2.7000e-004	0.0000	2.7000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.4800e-003	0.0299	0.0169	4.0000e-005		1.1700e-003	1.1700e-003		1.0700e-003	1.0700e-003	0.0000	3.2290	3.2290	1.0400e-003	0.0000	3.2551
<b>Total</b>	<b>2.4800e-003</b>	<b>0.0299</b>	<b>0.0169</b>	<b>4.0000e-005</b>	<b>2.4400e-003</b>	<b>1.1700e-003</b>	<b>3.6100e-003</b>	<b>2.7000e-004</b>	<b>1.0700e-003</b>	<b>1.3400e-003</b>	<b>0.0000</b>	<b>3.2290</b>	<b>3.2290</b>	<b>1.0400e-003</b>	<b>0.0000</b>	<b>3.2551</b>

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**3.2 Site Preparation - 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	tons/yr										MT/yr					
Hauling	5.4000e-004	0.0178	2.8500e-003	5.0000e-005	1.0500e-003	7.0000e-005	1.1100e-003	2.9000e-004	6.0000e-005	3.5000e-004	0.0000	4.9917	4.9917	2.5000e-004	0.0000	4.9978
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3000e-004	1.0000e-004	8.9000e-004	0.0000	1.5000e-004	0.0000	1.5000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1456	0.1456	1.0000e-005	0.0000	0.1458
<b>Total</b>	<b>6.7000e-004</b>	<b>0.0179</b>	<b>3.7400e-003</b>	<b>5.0000e-005</b>	<b>1.2000e-003</b>	<b>7.0000e-005</b>	<b>1.2600e-003</b>	<b>3.3000e-004</b>	<b>6.0000e-005</b>	<b>3.9000e-004</b>	<b>0.0000</b>	<b>5.1373</b>	<b>5.1373</b>	<b>2.6000e-004</b>	<b>0.0000</b>	<b>5.1437</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					2.4400e-003	0.0000	2.4400e-003	2.7000e-004	0.0000	2.7000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.4800e-003	0.0299	0.0169	4.0000e-005		1.1700e-003	1.1700e-003		1.0700e-003	1.0700e-003	0.0000	3.2290	3.2290	1.0400e-003	0.0000	3.2551
<b>Total</b>	<b>2.4800e-003</b>	<b>0.0299</b>	<b>0.0169</b>	<b>4.0000e-005</b>	<b>2.4400e-003</b>	<b>1.1700e-003</b>	<b>3.6100e-003</b>	<b>2.7000e-004</b>	<b>1.0700e-003</b>	<b>1.3400e-003</b>	<b>0.0000</b>	<b>3.2290</b>	<b>3.2290</b>	<b>1.0400e-003</b>	<b>0.0000</b>	<b>3.2551</b>

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**3.2 Site Preparation - 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	tons/yr										MT/yr					
Hauling	5.4000e-004	0.0178	2.8500e-003	5.0000e-005	1.0500e-003	7.0000e-005	1.1100e-003	2.9000e-004	6.0000e-005	3.5000e-004	0.0000	4.9917	4.9917	2.5000e-004	0.0000	4.9978
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3000e-004	1.0000e-004	8.9000e-004	0.0000	1.5000e-004	0.0000	1.5000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1456	0.1456	1.0000e-005	0.0000	0.1458
<b>Total</b>	<b>6.7000e-004</b>	<b>0.0179</b>	<b>3.7400e-003</b>	<b>5.0000e-005</b>	<b>1.2000e-003</b>	<b>7.0000e-005</b>	<b>1.2600e-003</b>	<b>3.3000e-004</b>	<b>6.0000e-005</b>	<b>3.9000e-004</b>	<b>0.0000</b>	<b>5.1373</b>	<b>5.1373</b>	<b>2.6000e-004</b>	<b>0.0000</b>	<b>5.1437</b>

**3.3 Grading - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0197	0.0000	0.0197	0.0101	0.0000	0.0101	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.7700e-003	0.0640	0.0298	6.0000e-005		2.9700e-003	2.9700e-003		2.7300e-003	2.7300e-003	0.0000	5.4333	5.4333	1.7600e-003	0.0000	5.4773
<b>Total</b>	<b>5.7700e-003</b>	<b>0.0640</b>	<b>0.0298</b>	<b>6.0000e-005</b>	<b>0.0197</b>	<b>2.9700e-003</b>	<b>0.0226</b>	<b>0.0101</b>	<b>2.7300e-003</b>	<b>0.0128</b>	<b>0.0000</b>	<b>5.4333</b>	<b>5.4333</b>	<b>1.7600e-003</b>	<b>0.0000</b>	<b>5.4773</b>

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**3.3 Grading - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2000e-004	2.5000e-004	2.2300e-003	0.0000	3.6000e-004	0.0000	3.7000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.3641	0.3641	2.0000e-005	0.0000	0.3646
<b>Total</b>	<b>3.2000e-004</b>	<b>2.5000e-004</b>	<b>2.2300e-003</b>	<b>0.0000</b>	<b>3.6000e-004</b>	<b>0.0000</b>	<b>3.7000e-004</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>0.3641</b>	<b>0.3641</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.3646</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					0.0197	0.0000	0.0197	0.0101	0.0000	0.0101	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.7700e-003	0.0640	0.0298	6.0000e-005		2.9700e-003	2.9700e-003		2.7300e-003	2.7300e-003	0.0000	5.4333	5.4333	1.7600e-003	0.0000	5.4773
<b>Total</b>	<b>5.7700e-003</b>	<b>0.0640</b>	<b>0.0298</b>	<b>6.0000e-005</b>	<b>0.0197</b>	<b>2.9700e-003</b>	<b>0.0226</b>	<b>0.0101</b>	<b>2.7300e-003</b>	<b>0.0128</b>	<b>0.0000</b>	<b>5.4333</b>	<b>5.4333</b>	<b>1.7600e-003</b>	<b>0.0000</b>	<b>5.4773</b>

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**3.3 Grading - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2000e-004	2.5000e-004	2.2300e-003	0.0000	3.6000e-004	0.0000	3.7000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.3641	0.3641	2.0000e-005	0.0000	0.3646
<b>Total</b>	<b>3.2000e-004</b>	<b>2.5000e-004</b>	<b>2.2300e-003</b>	<b>0.0000</b>	<b>3.6000e-004</b>	<b>0.0000</b>	<b>3.7000e-004</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>0.3641</b>	<b>0.3641</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.3646</b>

**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	tons/yr										MT/yr					
Off-Road	0.1899	1.4470	1.2365	2.0800e-003		0.0787	0.0787		0.0754	0.0754	0.0000	172.3449	172.3449	0.0350	0.0000	173.2193
<b>Total</b>	<b>0.1899</b>	<b>1.4470</b>	<b>1.2365</b>	<b>2.0800e-003</b>		<b>0.0787</b>	<b>0.0787</b>		<b>0.0754</b>	<b>0.0754</b>	<b>0.0000</b>	<b>172.3449</b>	<b>172.3449</b>	<b>0.0350</b>	<b>0.0000</b>	<b>173.2193</b>

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**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	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	0.0101	0.2045	0.0688	4.8000e-004	9.7600e-003	1.0900e-003	0.0109	2.8300e-003	1.0400e-003	3.8700e-003	0.0000	45.7192	45.7192	3.6200e-003	0.0000	45.8097
Worker	0.0440	0.0350	0.3088	5.6000e-004	0.0503	5.1000e-004	0.0508	0.0134	4.7000e-004	0.0139	0.0000	50.3668	50.3668	2.8500e-003	0.0000	50.4380
<b>Total</b>	<b>0.0541</b>	<b>0.2395</b>	<b>0.3776</b>	<b>1.0400e-003</b>	<b>0.0601</b>	<b>1.6000e-003</b>	<b>0.0617</b>	<b>0.0162</b>	<b>1.5100e-003</b>	<b>0.0177</b>	<b>0.0000</b>	<b>96.0860</b>	<b>96.0860</b>	<b>6.4700e-003</b>	<b>0.0000</b>	<b>96.2477</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	0.1899	1.4470	1.2365	2.0800e-003		0.0787	0.0787		0.0754	0.0754	0.0000	172.3447	172.3447	0.0350	0.0000	173.2191
<b>Total</b>	<b>0.1899</b>	<b>1.4470</b>	<b>1.2365</b>	<b>2.0800e-003</b>		<b>0.0787</b>	<b>0.0787</b>		<b>0.0754</b>	<b>0.0754</b>	<b>0.0000</b>	<b>172.3447</b>	<b>172.3447</b>	<b>0.0350</b>	<b>0.0000</b>	<b>173.2191</b>

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**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	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	0.0101	0.2045	0.0688	4.8000e-004	9.7600e-003	1.0900e-003	0.0109	2.8300e-003	1.0400e-003	3.8700e-003	0.0000	45.7192	45.7192	3.6200e-003	0.0000	45.8097
Worker	0.0440	0.0350	0.3088	5.6000e-004	0.0503	5.1000e-004	0.0508	0.0134	4.7000e-004	0.0139	0.0000	50.3668	50.3668	2.8500e-003	0.0000	50.4380
<b>Total</b>	<b>0.0541</b>	<b>0.2395</b>	<b>0.3776</b>	<b>1.0400e-003</b>	<b>0.0601</b>	<b>1.6000e-003</b>	<b>0.0617</b>	<b>0.0162</b>	<b>1.5100e-003</b>	<b>0.0177</b>	<b>0.0000</b>	<b>96.0860</b>	<b>96.0860</b>	<b>6.4700e-003</b>	<b>0.0000</b>	<b>96.2477</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	0.0552	0.4327	0.3932	6.8000e-004		0.0221	0.0221		0.0211	0.0211	0.0000	56.0652	56.0652	0.0110	0.0000	56.3409
<b>Total</b>	<b>0.0552</b>	<b>0.4327</b>	<b>0.3932</b>	<b>6.8000e-004</b>		<b>0.0221</b>	<b>0.0221</b>		<b>0.0211</b>	<b>0.0211</b>	<b>0.0000</b>	<b>56.0652</b>	<b>56.0652</b>	<b>0.0110</b>	<b>0.0000</b>	<b>56.3409</b>

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**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	2.8500e-003	0.0618	0.0196	1.6000e-004	3.1700e-003	2.3000e-004	3.4100e-003	9.2000e-004	2.2000e-004	1.1400e-003	0.0000	14.7881	14.7881	1.1400e-003	0.0000	14.8165
Worker	0.0134	0.0101	0.0896	1.8000e-004	0.0164	1.6000e-004	0.0165	4.3600e-003	1.4000e-004	4.5000e-003	0.0000	15.8440	15.8440	8.2000e-004	0.0000	15.8644
<b>Total</b>	<b>0.0162</b>	<b>0.0719</b>	<b>0.1092</b>	<b>3.4000e-004</b>	<b>0.0195</b>	<b>3.9000e-004</b>	<b>0.0199</b>	<b>5.2800e-003</b>	<b>3.6000e-004</b>	<b>5.6400e-003</b>	<b>0.0000</b>	<b>30.6320</b>	<b>30.6320</b>	<b>1.9600e-003</b>	<b>0.0000</b>	<b>30.6809</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	0.0552	0.4327	0.3932	6.8000e-004		0.0221	0.0221		0.0211	0.0211	0.0000	56.0651	56.0651	0.0110	0.0000	56.3409
<b>Total</b>	<b>0.0552</b>	<b>0.4327</b>	<b>0.3932</b>	<b>6.8000e-004</b>		<b>0.0221</b>	<b>0.0221</b>		<b>0.0211</b>	<b>0.0211</b>	<b>0.0000</b>	<b>56.0651</b>	<b>56.0651</b>	<b>0.0110</b>	<b>0.0000</b>	<b>56.3409</b>



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**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	2.8500e-003	0.0618	0.0196	1.6000e-004	3.1700e-003	2.3000e-004	3.4100e-003	9.2000e-004	2.2000e-004	1.1400e-003	0.0000	14.7881	14.7881	1.1400e-003	0.0000	14.8165
Worker	0.0134	0.0101	0.0896	1.8000e-004	0.0164	1.6000e-004	0.0165	4.3600e-003	1.4000e-004	4.5000e-003	0.0000	15.8440	15.8440	8.2000e-004	0.0000	15.8644
<b>Total</b>	<b>0.0162</b>	<b>0.0719</b>	<b>0.1092</b>	<b>3.4000e-004</b>	<b>0.0195</b>	<b>3.9000e-004</b>	<b>0.0199</b>	<b>5.2800e-003</b>	<b>3.6000e-004</b>	<b>5.6400e-003</b>	<b>0.0000</b>	<b>30.6320</b>	<b>30.6320</b>	<b>1.9600e-003</b>	<b>0.0000</b>	<b>30.6809</b>

**3.5 Paving - 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	5.3200e-003	0.0532	0.0589	9.0000e-005		2.9100e-003	2.9100e-003		2.6900e-003	2.6900e-003	0.0000	7.7524	7.7524	2.4600e-003	0.0000	7.8138
Paving	1.7000e-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>7.0200e-003</b>	<b>0.0532</b>	<b>0.0589</b>	<b>9.0000e-005</b>		<b>2.9100e-003</b>	<b>2.9100e-003</b>		<b>2.6900e-003</b>	<b>2.6900e-003</b>	<b>0.0000</b>	<b>7.7524</b>	<b>7.7524</b>	<b>2.4600e-003</b>	<b>0.0000</b>	<b>7.8138</b>

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**3.5 Paving - 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	7.4000e-004	5.6000e-004	4.9800e-003	1.0000e-005	9.1000e-004	1.0000e-005	9.2000e-004	2.4000e-004	1.0000e-005	2.5000e-004	0.0000	0.8802	0.8802	5.0000e-005	0.0000	0.8814
<b>Total</b>	<b>7.4000e-004</b>	<b>5.6000e-004</b>	<b>4.9800e-003</b>	<b>1.0000e-005</b>	<b>9.1000e-004</b>	<b>1.0000e-005</b>	<b>9.2000e-004</b>	<b>2.4000e-004</b>	<b>1.0000e-005</b>	<b>2.5000e-004</b>	<b>0.0000</b>	<b>0.8802</b>	<b>0.8802</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>0.8814</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	5.3200e-003	0.0532	0.0589	9.0000e-005		2.9100e-003	2.9100e-003		2.6900e-003	2.6900e-003	0.0000	7.7524	7.7524	2.4600e-003	0.0000	7.8138
Paving	1.7000e-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>7.0200e-003</b>	<b>0.0532</b>	<b>0.0589</b>	<b>9.0000e-005</b>		<b>2.9100e-003</b>	<b>2.9100e-003</b>		<b>2.6900e-003</b>	<b>2.6900e-003</b>	<b>0.0000</b>	<b>7.7524</b>	<b>7.7524</b>	<b>2.4600e-003</b>	<b>0.0000</b>	<b>7.8138</b>

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**3.5 Paving - 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	7.4000e-004	5.6000e-004	4.9800e-003	1.0000e-005	9.1000e-004	1.0000e-005	9.2000e-004	2.4000e-004	1.0000e-005	2.5000e-004	0.0000	0.8802	0.8802	5.0000e-005	0.0000	0.8814
<b>Total</b>	<b>7.4000e-004</b>	<b>5.6000e-004</b>	<b>4.9800e-003</b>	<b>1.0000e-005</b>	<b>9.1000e-004</b>	<b>1.0000e-005</b>	<b>9.2000e-004</b>	<b>2.4000e-004</b>	<b>1.0000e-005</b>	<b>2.5000e-004</b>	<b>0.0000</b>	<b>0.8802</b>	<b>0.8802</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>0.8814</b>

**3.6 Architectural Coating - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0687					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.0900e-003	7.6300e-003	9.0900e-003	1.0000e-005		4.7000e-004	4.7000e-004		4.7000e-004	4.7000e-004	0.0000	1.2766	1.2766	9.0000e-005	0.0000	1.2788
<b>Total</b>	<b>0.0698</b>	<b>7.6300e-003</b>	<b>9.0900e-003</b>	<b>1.0000e-005</b>		<b>4.7000e-004</b>	<b>4.7000e-004</b>		<b>4.7000e-004</b>	<b>4.7000e-004</b>	<b>0.0000</b>	<b>1.2766</b>	<b>1.2766</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>1.2788</b>

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**3.6 Architectural Coating - 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	5.0000e-004	3.7000e-004	3.3200e-003	1.0000e-005	6.1000e-004	1.0000e-005	6.1000e-004	1.6000e-004	1.0000e-005	1.7000e-004	0.0000	0.5868	0.5868	3.0000e-005	0.0000	0.5876
<b>Total</b>	<b>5.0000e-004</b>	<b>3.7000e-004</b>	<b>3.3200e-003</b>	<b>1.0000e-005</b>	<b>6.1000e-004</b>	<b>1.0000e-005</b>	<b>6.1000e-004</b>	<b>1.6000e-004</b>	<b>1.0000e-005</b>	<b>1.7000e-004</b>	<b>0.0000</b>	<b>0.5868</b>	<b>0.5868</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.5876</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	0.0687					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.0900e-003	7.6300e-003	9.0900e-003	1.0000e-005		4.7000e-004	4.7000e-004		4.7000e-004	4.7000e-004	0.0000	1.2766	1.2766	9.0000e-005	0.0000	1.2788
<b>Total</b>	<b>0.0698</b>	<b>7.6300e-003</b>	<b>9.0900e-003</b>	<b>1.0000e-005</b>		<b>4.7000e-004</b>	<b>4.7000e-004</b>		<b>4.7000e-004</b>	<b>4.7000e-004</b>	<b>0.0000</b>	<b>1.2766</b>	<b>1.2766</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>1.2788</b>

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**3.6 Architectural Coating - 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	5.0000e-004	3.7000e-004	3.3200e-003	1.0000e-005	6.1000e-004	1.0000e-005	6.1000e-004	1.6000e-004	1.0000e-005	1.7000e-004	0.0000	0.5868	0.5868	3.0000e-005	0.0000	0.5876
<b>Total</b>	<b>5.0000e-004</b>	<b>3.7000e-004</b>	<b>3.3200e-003</b>	<b>1.0000e-005</b>	<b>6.1000e-004</b>	<b>1.0000e-005</b>	<b>6.1000e-004</b>	<b>1.6000e-004</b>	<b>1.0000e-005</b>	<b>1.7000e-004</b>	<b>0.0000</b>	<b>0.5868</b>	<b>0.5868</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.5876</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

Freeze Mini-Storage and Car Wash - Siskiyou County, 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	0.0761	0.6643	0.7834	2.5700e-003	0.1285	2.8600e-003	0.1313	0.0346	2.7000e-003	0.0373	0.0000	238.2337	238.2337	0.0184	0.0000	238.6932
Unmitigated	0.0761	0.6643	0.7834	2.5700e-003	0.1285	2.8600e-003	0.1313	0.0346	2.7000e-003	0.0373	0.0000	238.2337	238.2337	0.0184	0.0000	238.6932

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		
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	45.09	45.09	45.09	107,257	107,257
User Defined Commercial	100.00	100.00	100.00	237,880	237,880
<b>Total</b>	<b>145.09</b>	<b>145.09</b>	<b>145.09</b>	<b>345,137</b>	<b>345,137</b>

4.3 Trip Type Information

Freeze Mini-Storage and Car Wash - Siskiyou County, Annual

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	14.70	6.60	6.60	33.00	48.00	19.00	77	19	4
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	14.70	6.60	6.60	5.00	90.00	5.00	92	5	3
User Defined Commercial	14.70	6.60	6.60	5.00	90.00	5.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.487361	0.038770	0.180029	0.116952	0.034202	0.006373	0.008681	0.117611	0.001222	0.001581	0.005079	0.001001	0.001137
Other Asphalt Surfaces	0.487361	0.038770	0.180029	0.116952	0.034202	0.006373	0.008681	0.117611	0.001222	0.001581	0.005079	0.001001	0.001137
Other Non-Asphalt Surfaces	0.487361	0.038770	0.180029	0.116952	0.034202	0.006373	0.008681	0.117611	0.001222	0.001581	0.005079	0.001001	0.001137
Unrefrigerated Warehouse-No Rail	0.487361	0.038770	0.180029	0.116952	0.034202	0.006373	0.008681	0.117611	0.001222	0.001581	0.005079	0.001001	0.001137
User Defined Commercial	0.487361	0.038770	0.180029	0.116952	0.034202	0.006373	0.008681	0.117611	0.001222	0.001581	0.005079	0.001001	0.001137

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Freeze Mini-Storage and Car Wash - Siskiyou County, 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					
Electricity Mitigated							0.0000	0.0000		0.0000	0.0000	94.3272	94.3272	1.6500e-003	3.4000e-004	94.4703
Electricity Unmitigated							0.0000	0.0000		0.0000	0.0000	94.3272	94.3272	1.6500e-003	3.4000e-004	94.4703
NaturalGas Mitigated	2.0000e-005	2.2000e-004	1.9000e-004	0.0000			2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.2440	0.2440	0.0000	0.0000	0.2455
NaturalGas Unmitigated	2.0000e-005	2.2000e-004	1.9000e-004	0.0000			2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.2440	0.2440	0.0000	0.0000	0.2455



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**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	4572.36	2.0000e-005	2.2000e-004	1.9000e-004	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.2440	0.2440	0.0000	0.0000	0.2455
Other Asphalt Surfaces	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
Other Non-Asphalt Surfaces	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	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
User Defined Commercial	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
<b>Total</b>		<b>2.0000e-005</b>	<b>2.2000e-004</b>	<b>1.9000e-004</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>0.2440</b>	<b>0.2440</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.2455</b>

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**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	tons/yr										MT/yr					
General Office Building	4572.36	2.0000e-005	2.2000e-004	1.9000e-004	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.2440	0.2440	0.0000	0.0000	0.2455
Other Asphalt Surfaces	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
Other Non-Asphalt Surfaces	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	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
User Defined Commercial	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
<b>Total</b>		<b>2.0000e-005</b>	<b>2.2000e-004</b>	<b>1.9000e-004</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>0.2440</b>	<b>0.2440</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.2455</b>

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

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	2588.04	1.9445	3.0000e-005	1.0000e-005	1.9474
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	113162	85.0214	1.4900e-003	3.1000e-004	85.1504
User Defined Commercial	9797.76	7.3613	1.3000e-004	3.0000e-005	7.3725
<b>Total</b>		<b>94.3272</b>	<b>1.6500e-003</b>	<b>3.5000e-004</b>	<b>94.4703</b>

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

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	2588.04	1.9445	3.0000e-005	1.0000e-005	1.9474
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	113162	85.0214	1.4900e-003	3.1000e-004	85.1504
User Defined Commercial	9797.76	7.3613	1.3000e-004	3.0000e-005	7.3725
<b>Total</b>		<b>94.3272</b>	<b>1.6500e-003</b>	<b>3.5000e-004</b>	<b>94.4703</b>

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

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1765	1.0000e-005	8.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.6400e-003	1.6400e-003	0.0000	0.0000	1.7500e-003
Unmitigated	0.1765	1.0000e-005	8.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.6400e-003	1.6400e-003	0.0000	0.0000	1.7500e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0414					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1350					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	8.0000e-005	1.0000e-005	8.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.6400e-003	1.6400e-003	0.0000	0.0000	1.7500e-003
<b>Total</b>	<b>0.1765</b>	<b>1.0000e-005</b>	<b>8.5000e-004</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.6400e-003</b>	<b>1.6400e-003</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.7500e-003</b>

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**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	0.0414					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1350					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	8.0000e-005	1.0000e-005	8.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.6400e-003	1.6400e-003	0.0000	0.0000	1.7500e-003
<b>Total</b>	<b>0.1765</b>	<b>1.0000e-005</b>	<b>8.5000e-004</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.6400e-003</b>	<b>1.6400e-003</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.7500e-003</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

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	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	2.1007	0.0152	3.6000e-004	2.5883
Unmitigated	2.1007	0.0152	3.6000e-004	2.5883

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	0.0408788 / 0.0250547	0.2450	1.3400e-003	3.0000e-005	0.2881
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0 / 0	0.0000	0.0000	0.0000	0.0000
User Defined Commercial	0.4234 / 0	1.8556	0.0138	3.3000e-004	2.3002
<b>Total</b>		<b>2.1007</b>	<b>0.0152</b>	<b>3.6000e-004</b>	<b>2.5883</b>

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**7.2 Water by Land Use**

**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	0.0408788 / 0.0250547	0.2450	1.3400e-003	3.0000e-005	0.2881
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0 / 0	0.0000	0.0000	0.0000	0.0000
User Defined Commercial	0.4234 / 0	1.8556	0.0138	3.3000e-004	2.3002
<b>Total</b>		<b>2.1007</b>	<b>0.0152</b>	<b>3.6000e-004</b>	<b>2.5883</b>

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**



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**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0426	2.5200e-003	0.0000	0.1056
Unmitigated	0.0426	2.5200e-003	0.0000	0.1056

**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	0.21	0.0426	2.5200e-003	0.0000	0.1056
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0426</b>	<b>2.5200e-003</b>	<b>0.0000</b>	<b>0.1056</b>

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**8.2 Waste by Land Use**

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	0.21	0.0426	2.5200e-003	0.0000	0.1056
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0426</b>	<b>2.5200e-003</b>	<b>0.0000</b>	<b>0.1056</b>

**9.0 Operational Offroad**

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

**Fire Pumps and Emergency Generators**

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

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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