

S. Oregon Ready Mix - Siskiyou County, Summer

**S. Oregon Ready Mix
Siskiyou County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	4.00	1000sqft	0.09	4,000.00	0
Other Asphalt Surfaces	1,080.00	1000sqft	24.79	1,080,000.00	0

1.2 Other Project Characteristics

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

1.3 User Entered Comments & Non-Default Data

Project Characteristics - The County of Siskiyou receives power from Pacific Power. They are not included in this model so PacifiCorp was selected as a best fit.

Land Use - Other Asphalt Surfaces include the contractor's yard, wash out basin, septic field and well.

Construction Phase - The site does not have an existing structure so demo was removed. Building, paving and coating are assumed to happen at the same time.

Grading - Total acres being graded updated to 12.7 per information provided.

Energy Use -

Land Use Change -

Water Mitigation -

S. Oregon Ready Mix - Siskiyou County, Summer

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	370.00	20.00
tblConstructionPhase	NumDays	20.00	0.00
tblConstructionPhase	PhaseEndDate	11/5/2020	5/30/2019
tblConstructionPhase	PhaseEndDate	9/10/2020	5/30/2019
tblConstructionPhase	PhaseEndDate	2/7/2019	1/10/2019
tblConstructionPhase	PhaseEndDate	4/11/2019	5/2/2019
tblConstructionPhase	PhaseEndDate	10/8/2020	5/30/2019
tblConstructionPhase	PhaseEndDate	2/21/2019	3/14/2019
tblConstructionPhase	PhaseStartDate	10/9/2020	5/3/2019
tblConstructionPhase	PhaseStartDate	4/12/2019	5/3/2019
tblConstructionPhase	PhaseStartDate	2/22/2019	3/15/2019
tblConstructionPhase	PhaseStartDate	9/11/2020	5/3/2019
tblConstructionPhase	PhaseStartDate	2/8/2019	3/1/2019
tblGrading	AcresOfGrading	87.50	12.70
tblGrading	MaterialImported	0.00	21,000.00

2.0 Emissions Summary

S. Oregon Ready Mix - Siskiyou County, Summer

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	0.7096	1.0200e-003	0.1111	1.0000e-005		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004		0.2372	0.2372	6.3000e-004		0.2530
Energy	4.1000e-004	3.7700e-003	3.1700e-003	2.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004		4.5254	4.5254	9.0000e-005	8.0000e-005	4.5523
Mobile	0.0894	0.7509	0.8913	3.2800e-003	0.1751	3.5500e-003	0.1786	0.0470	3.3500e-003	0.0503		335.0699	335.0699	0.0221		335.6231
Total	0.7994	0.7557	1.0056	3.3100e-003	0.1751	4.2400e-003	0.1793	0.0470	4.0400e-003	0.0510		339.8325	339.8325	0.0229	8.0000e-005	340.4283

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	0.7096	1.0200e-003	0.1111	1.0000e-005		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004		0.2372	0.2372	6.3000e-004		0.2530
Energy	4.1000e-004	3.7700e-003	3.1700e-003	2.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004		4.5254	4.5254	9.0000e-005	8.0000e-005	4.5523
Mobile	0.0894	0.7509	0.8913	3.2800e-003	0.1751	3.5500e-003	0.1786	0.0470	3.3500e-003	0.0503		335.0699	335.0699	0.0221		335.6231
Total	0.7994	0.7557	1.0056	3.3100e-003	0.1751	4.2400e-003	0.1793	0.0470	4.0400e-003	0.0510		339.8325	339.8325	0.0229	8.0000e-005	340.4283

S. Oregon Ready Mix - 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**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/11/2019	1/10/2019	5	0	
2	Site Preparation	Site Preparation	3/1/2019	3/14/2019	5	10	
3	Grading	Grading	3/15/2019	5/2/2019	5	35	
4	Building Construction	Building Construction	5/3/2019	5/30/2019	5	20	
5	Paving	Paving	5/3/2019	5/30/2019	5	20	
6	Architectural Coating	Architectural Coating	5/3/2019	5/30/2019	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 12.7

Acres of Paving: 24.79

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 6,000; Non-Residential Outdoor: 2,000; Striped Parking Area: 64,800 (Architectural Coating – sqft)

OffRoad Equipment

S. Oregon Ready Mix - Siskiyou County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Excavators	3	8.00	158	0.38
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Excavators	2	8.00	158	0.38
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Paving	Pavers	2	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Paving Equipment	2	8.00	132	0.36
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

S. Oregon Ready Mix - Siskiyou County, Summer

3.2 Demolition - 2019

Mitigated Construction Off-Site

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

3.3 Site Preparation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.3350	45.5727	22.0630	0.0380		2.3904	2.3904		2.1991	2.1991		3,766.4529	3,766.4529	1.1917		3,796.2445
Total	4.3350	45.5727	22.0630	0.0380	18.0663	2.3904	20.4566	9.9307	2.1991	12.1298		3,766.4529	3,766.4529	1.1917		3,796.2445

S. Oregon Ready Mix - Siskiyou County, Summer

3.3 Site Preparation - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1393	0.0964	1.0120	1.6900e-003	0.1479	1.5400e-003	0.1494	0.0392	1.4200e-003	0.0406		167.4235	167.4235	0.0105		167.6864
Total	0.1393	0.0964	1.0120	1.6900e-003	0.1479	1.5400e-003	0.1494	0.0392	1.4200e-003	0.0406		167.4235	167.4235	0.0105		167.6864

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.3350	45.5727	22.0630	0.0380		2.3904	2.3904		2.1991	2.1991	0.0000	3,766.4529	3,766.4529	1.1917		3,796.2445
Total	4.3350	45.5727	22.0630	0.0380	18.0663	2.3904	20.4566	9.9307	2.1991	12.1298	0.0000	3,766.4529	3,766.4529	1.1917		3,796.2445

S. Oregon Ready Mix - Siskiyou County, Summer

3.3 Site Preparation - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1393	0.0964	1.0120	1.6900e-003	0.1479	1.5400e-003	0.1494	0.0392	1.4200e-003	0.0406		167.4235	167.4235	0.0105		167.6864
Total	0.1393	0.0964	1.0120	1.6900e-003	0.1479	1.5400e-003	0.1494	0.0392	1.4200e-003	0.0406		167.4235	167.4235	0.0105		167.6864

3.4 Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.4069	0.0000	6.4069	3.3518	0.0000	3.3518			0.0000			0.0000
Off-Road	4.7389	54.5202	33.3768	0.0620		2.3827	2.3827		2.1920	2.1920		6,140.0195	6,140.0195	1.9426		6,188.5854
Total	4.7389	54.5202	33.3768	0.0620	6.4069	2.3827	8.7896	3.3518	2.1920	5.5438		6,140.0195	6,140.0195	1.9426		6,188.5854

S. Oregon Ready Mix - Siskiyou County, Summer

3.4 Grading - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5611	17.9865	2.7095	0.0510	1.0398	0.0807	1.1205	0.2852	0.0772	0.3624		5,339.5313	5,339.5313	0.2534		5,345.8674
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1547	0.1071	1.1244	1.8800e-003	0.1643	1.7100e-003	0.1660	0.0436	1.5700e-003	0.0452		186.0261	186.0261	0.0117		186.3182
Total	0.7158	18.0936	3.8339	0.0528	1.2041	0.0824	1.2865	0.3288	0.0788	0.4076		5,525.5574	5,525.5574	0.2651		5,532.1856

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					6.4069	0.0000	6.4069	3.3518	0.0000	3.3518			0.0000			0.0000
Off-Road	4.7389	54.5202	33.3768	0.0620		2.3827	2.3827		2.1920	2.1920	0.0000	6,140.0195	6,140.0195	1.9426		6,188.5854
Total	4.7389	54.5202	33.3768	0.0620	6.4069	2.3827	8.7896	3.3518	2.1920	5.5438	0.0000	6,140.0195	6,140.0195	1.9426		6,188.5854

S. Oregon Ready Mix - Siskiyou County, Summer

3.4 Grading - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5611	17.9865	2.7095	0.0510	1.0398	0.0807	1.1205	0.2852	0.0772	0.3624		5,339.531 3	5,339.531 3	0.2534		5,345.867 4
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1547	0.1071	1.1244	1.8800e-003	0.1643	1.7100e-003	0.1660	0.0436	1.5700e-003	0.0452		186.0261	186.0261	0.0117		186.3182
Total	0.7158	18.0936	3.8339	0.0528	1.2041	0.0824	1.2865	0.3288	0.0788	0.4076		5,525.557 4	5,525.557 4	0.2651		5,532.185 6

3.5 Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127		2,591.580 2	2,591.580 2	0.6313		2,607.363 5
Total	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127		2,591.580 2	2,591.580 2	0.6313		2,607.363 5

S. Oregon Ready Mix - Siskiyou County, Summer

3.5 Building Construction - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.3233	24.6747	7.8767	0.0567	1.2069	0.1900	1.3968	0.3475	0.1817	0.5293		5,918.6618	5,918.6618	0.4350		5,929.5355
Worker	3.5200	2.4357	25.5807	0.0427	3.7377	0.0388	3.7765	0.9914	0.0358	1.0272		4,232.0947	4,232.0947	0.2658		4,238.7388
Total	4.8433	27.1104	33.4574	0.0994	4.9446	0.2288	5.1734	1.3390	0.2175	1.5565		10,150.7565	10,150.7565	0.7007		10,168.2743

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127	0.0000	2,591.5802	2,591.5802	0.6313		2,607.3635
Total	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127	0.0000	2,591.5802	2,591.5802	0.6313		2,607.3635

S. Oregon Ready Mix - Siskiyou County, Summer

3.5 Building Construction - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.3233	24.6747	7.8767	0.0567	1.2069	0.1900	1.3968	0.3475	0.1817	0.5293		5,918.6618	5,918.6618	0.4350		5,929.5355
Worker	3.5200	2.4357	25.5807	0.0427	3.7377	0.0388	3.7765	0.9914	0.0358	1.0272		4,232.0947	4,232.0947	0.2658		4,238.7388
Total	4.8433	27.1104	33.4574	0.0994	4.9446	0.2288	5.1734	1.3390	0.2175	1.5565		10,150.7565	10,150.7565	0.7007		10,168.2743

3.6 Paving - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4544	15.2441	14.6648	0.0228		0.8246	0.8246		0.7586	0.7586		2,257.0025	2,257.0025	0.7141		2,274.8548
Paving	3.2475					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	4.7019	15.2441	14.6648	0.0228		0.8246	0.8246		0.7586	0.7586		2,257.0025	2,257.0025	0.7141		2,274.8548

S. Oregon Ready Mix - Siskiyou County, Summer

3.6 Paving - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1160	0.0803	0.8433	1.4100e-003	0.1232	1.2800e-003	0.1245	0.0327	1.1800e-003	0.0339		139.5196	139.5196	8.7600e-003		139.7386
Total	0.1160	0.0803	0.8433	1.4100e-003	0.1232	1.2800e-003	0.1245	0.0327	1.1800e-003	0.0339		139.5196	139.5196	8.7600e-003		139.7386

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.4544	15.2441	14.6648	0.0228		0.8246	0.8246		0.7586	0.7586	0.0000	2,257.0025	2,257.0025	0.7141		2,274.8548
Paving	3.2475					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	4.7019	15.2441	14.6648	0.0228		0.8246	0.8246		0.7586	0.7586	0.0000	2,257.0025	2,257.0025	0.7141		2,274.8548

S. Oregon Ready Mix - Siskiyou County, Summer

3.6 Paving - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1160	0.0803	0.8433	1.4100e-003	0.1232	1.2800e-003	0.1245	0.0327	1.1800e-003	0.0339		139.5196	139.5196	8.7600e-003		139.7386
Total	0.1160	0.0803	0.8433	1.4100e-003	0.1232	1.2800e-003	0.1245	0.0327	1.1800e-003	0.0339		139.5196	139.5196	8.7600e-003		139.7386

3.7 Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	42.1785					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423
Total	42.4449	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423

S. Oregon Ready Mix - Siskiyou County, Summer

3.7 Architectural Coating - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7040	0.4871	5.1162	8.5300e-003	0.7475	7.7600e-003	0.7553	0.1983	7.1600e-003	0.2054		846.4189	846.4189	0.0532		847.7478
Total	0.7040	0.4871	5.1162	8.5300e-003	0.7475	7.7600e-003	0.7553	0.1983	7.1600e-003	0.2054		846.4189	846.4189	0.0532		847.7478

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	42.1785					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		282.0423
Total	42.4449	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		282.0423

S. Oregon Ready Mix - Siskiyou County, Summer

3.7 Architectural Coating - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7040	0.4871	5.1162	8.5300e-003	0.7475	7.7600e-003	0.7553	0.1983	7.1600e-003	0.2054		846.4189	846.4189	0.0532		847.7478
Total	0.7040	0.4871	5.1162	8.5300e-003	0.7475	7.7600e-003	0.7553	0.1983	7.1600e-003	0.2054		846.4189	846.4189	0.0532		847.7478

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

S. Oregon Ready Mix - 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	0.0894	0.7509	0.8913	3.2800e-003	0.1751	3.5500e-003	0.1786	0.0470	3.3500e-003	0.0503		335.0699	335.0699	0.0221		335.6231
Unmitigated	0.0894	0.7509	0.8913	3.2800e-003	0.1751	3.5500e-003	0.1786	0.0470	3.3500e-003	0.0503		335.0699	335.0699	0.0221		335.6231

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	27.88	5.28	2.72	61,477	61,477
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	27.88	5.28	2.72	61,477	61,477

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	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

S. Oregon Ready Mix - Siskiyou County, Summer

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	4.1000e-004	3.7700e-003	3.1700e-003	2.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004		4.5254	4.5254	9.0000e-005	8.0000e-005	4.5523
NaturalGas Unmitigated	4.1000e-004	3.7700e-003	3.1700e-003	2.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004		4.5254	4.5254	9.0000e-005	8.0000e-005	4.5523

S. Oregon Ready Mix - Siskiyou County, Summer

5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas 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 Light Industry	38.4658	4.1000e-004	3.7700e-003	3.1700e-003	2.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004		4.5254	4.5254	9.0000e-005	8.0000e-005	4.5523
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
Total		4.1000e-004	3.7700e-003	3.1700e-003	2.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004		4.5254	4.5254	9.0000e-005	8.0000e-005	4.5523

Mitigated

	Natural Gas 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 Light Industry	0.0384658	4.1000e-004	3.7700e-003	3.1700e-003	2.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004		4.5254	4.5254	9.0000e-005	8.0000e-005	4.5523
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
Total		4.1000e-004	3.7700e-003	3.1700e-003	2.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004		4.5254	4.5254	9.0000e-005	8.0000e-005	4.5523

6.0 Area Detail

6.1 Mitigation Measures Area

S. Oregon Ready Mix - 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	0.7096	1.0200e-003	0.1111	1.0000e-005		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004		0.2372	0.2372	6.3000e-004		0.2530
Unmitigated	0.7096	1.0200e-003	0.1111	1.0000e-005		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004		0.2372	0.2372	6.3000e-004		0.2530

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	0.2311					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.4681					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0104	1.0200e-003	0.1111	1.0000e-005		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004		0.2372	0.2372	6.3000e-004		0.2530
Total	0.7096	1.0200e-003	0.1111	1.0000e-005		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004		0.2372	0.2372	6.3000e-004		0.2530

S. Oregon Ready Mix - 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	0.2311					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.4681					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0104	1.0200e-003	0.1111	1.0000e-005		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004		0.2372	0.2372	6.3000e-004		0.2530
Total	0.7096	1.0200e-003	0.1111	1.0000e-005		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004		0.2372	0.2372	6.3000e-004		0.2530

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Toilet

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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S. Oregon Ready Mix - Siskiyou County, Summer

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

S. Oregon Ready Mix - Siskiyou County, Winter

**S. Oregon Ready Mix
Siskiyou County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	4.00	1000sqft	0.09	4,000.00	0
Other Asphalt Surfaces	1,080.00	1000sqft	24.79	1,080,000.00	0

1.2 Other Project Characteristics

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

1.3 User Entered Comments & Non-Default Data

Project Characteristics - The County of Siskiyou receives power from Pacific Power. They are not included in this model so PacifiCorp was selected as a best fit.

Land Use - Other Asphalt Surfaces include the contractor's yard, wash out basin, septic field and well.

Construction Phase - The site does not have an existing structure so demo was removed. Building, paving and coating are assumed to happen at the same time.

Grading - Total acres being graded updated to 12.7 per information provided.

Energy Use -

Land Use Change -

Water Mitigation -

S. Oregon Ready Mix - Siskiyou County, Winter

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	370.00	20.00
tblConstructionPhase	NumDays	20.00	0.00
tblConstructionPhase	PhaseEndDate	11/5/2020	5/30/2019
tblConstructionPhase	PhaseEndDate	9/10/2020	5/30/2019
tblConstructionPhase	PhaseEndDate	2/7/2019	1/10/2019
tblConstructionPhase	PhaseEndDate	4/11/2019	5/2/2019
tblConstructionPhase	PhaseEndDate	10/8/2020	5/30/2019
tblConstructionPhase	PhaseEndDate	2/21/2019	3/14/2019
tblConstructionPhase	PhaseStartDate	10/9/2020	5/3/2019
tblConstructionPhase	PhaseStartDate	4/12/2019	5/3/2019
tblConstructionPhase	PhaseStartDate	2/22/2019	3/15/2019
tblConstructionPhase	PhaseStartDate	9/11/2020	5/3/2019
tblConstructionPhase	PhaseStartDate	2/8/2019	3/1/2019
tblGrading	AcresOfGrading	87.50	12.70
tblGrading	MaterialImported	0.00	21,000.00

2.0 Emissions Summary

S. Oregon Ready Mix - 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	0.7096	1.0200e-003	0.1111	1.0000e-005		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004		0.2372	0.2372	6.3000e-004		0.2530
Energy	4.1000e-004	3.7700e-003	3.1700e-003	2.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004		4.5254	4.5254	9.0000e-005	8.0000e-005	4.5523
Mobile	0.0884	0.7902	1.0362	3.1200e-003	0.1751	3.6500e-003	0.1787	0.0470	3.4500e-003	0.0504		318.4890	318.4890	0.0242		319.0947
Total	0.7985	0.7950	1.1505	3.1500e-003	0.1751	4.3400e-003	0.1794	0.0470	4.1400e-003	0.0511		323.2516	323.2516	0.0250	8.0000e-005	323.9000

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	0.7096	1.0200e-003	0.1111	1.0000e-005		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004		0.2372	0.2372	6.3000e-004		0.2530
Energy	4.1000e-004	3.7700e-003	3.1700e-003	2.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004		4.5254	4.5254	9.0000e-005	8.0000e-005	4.5523
Mobile	0.0884	0.7902	1.0362	3.1200e-003	0.1751	3.6500e-003	0.1787	0.0470	3.4500e-003	0.0504		318.4890	318.4890	0.0242		319.0947
Total	0.7985	0.7950	1.1505	3.1500e-003	0.1751	4.3400e-003	0.1794	0.0470	4.1400e-003	0.0511		323.2516	323.2516	0.0250	8.0000e-005	323.9000

S. Oregon Ready Mix - 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	Demolition	Demolition	1/11/2019	1/10/2019	5	0	
2	Site Preparation	Site Preparation	3/1/2019	3/14/2019	5	10	
3	Grading	Grading	3/15/2019	5/2/2019	5	35	
4	Building Construction	Building Construction	5/3/2019	5/30/2019	5	20	
5	Paving	Paving	5/3/2019	5/30/2019	5	20	
6	Architectural Coating	Architectural Coating	5/3/2019	5/30/2019	5	20	

Acres of Grading (Site Preparation Phase): 0**Acres of Grading (Grading Phase): 12.7****Acres of Paving: 24.79****Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 6,000; Non-Residential Outdoor: 2,000; Striped Parking Area: 64,800 (Architectural Coating – sqft)****OffRoad Equipment**

S. Oregon Ready Mix - Siskiyou County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Excavators	3	8.00	158	0.38
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Excavators	2	8.00	158	0.38
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Paving	Pavers	2	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Paving Equipment	2	8.00	132	0.36
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

S. Oregon Ready Mix - Siskiyou County, Winter

3.2 Demolition - 2019

Mitigated Construction Off-Site

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

3.3 Site Preparation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.3350	45.5727	22.0630	0.0380		2.3904	2.3904		2.1991	2.1991		3,766.4529	3,766.4529	1.1917		3,796.2445
Total	4.3350	45.5727	22.0630	0.0380	18.0663	2.3904	20.4566	9.9307	2.1991	12.1298		3,766.4529	3,766.4529	1.1917		3,796.2445

S. Oregon Ready Mix - Siskiyou County, Winter

3.3 Site Preparation - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1612	0.1381	1.1473	1.6100e-003	0.1479	1.5400e-003	0.1494	0.0392	1.4200e-003	0.0406		159.0064	159.0064	0.0108		159.2774
Total	0.1612	0.1381	1.1473	1.6100e-003	0.1479	1.5400e-003	0.1494	0.0392	1.4200e-003	0.0406		159.0064	159.0064	0.0108		159.2774

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.3350	45.5727	22.0630	0.0380		2.3904	2.3904		2.1991	2.1991	0.0000	3,766.4529	3,766.4529	1.1917		3,796.2445
Total	4.3350	45.5727	22.0630	0.0380	18.0663	2.3904	20.4566	9.9307	2.1991	12.1298	0.0000	3,766.4529	3,766.4529	1.1917		3,796.2445

S. Oregon Ready Mix - Siskiyou County, Winter

3.3 Site Preparation - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1612	0.1381	1.1473	1.6100e-003	0.1479	1.5400e-003	0.1494	0.0392	1.4200e-003	0.0406		159.0064	159.0064	0.0108		159.2774
Total	0.1612	0.1381	1.1473	1.6100e-003	0.1479	1.5400e-003	0.1494	0.0392	1.4200e-003	0.0406		159.0064	159.0064	0.0108		159.2774

3.4 Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.4069	0.0000	6.4069	3.3518	0.0000	3.3518			0.0000			0.0000
Off-Road	4.7389	54.5202	33.3768	0.0620		2.3827	2.3827		2.1920	2.1920		6,140.0195	6,140.0195	1.9426		6,188.5854
Total	4.7389	54.5202	33.3768	0.0620	6.4069	2.3827	8.7896	3.3518	2.1920	5.5438		6,140.0195	6,140.0195	1.9426		6,188.5854

S. Oregon Ready Mix - Siskiyou County, Winter

3.4 Grading - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5881	18.5409	3.2308	0.0495	1.0398	0.0831	1.1229	0.2852	0.0795	0.3647		5,184.4470	5,184.4470	0.2887		5,191.6649
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1791	0.1535	1.2747	1.7800e-003	0.1643	1.7100e-003	0.1660	0.0436	1.5700e-003	0.0452		176.6737	176.6737	0.0121		176.9749
Total	0.7672	18.6944	4.5055	0.0513	1.2041	0.0848	1.2889	0.3288	0.0811	0.4099		5,361.1207	5,361.1207	0.3008		5,368.6398

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					6.4069	0.0000	6.4069	3.3518	0.0000	3.3518			0.0000			0.0000
Off-Road	4.7389	54.5202	33.3768	0.0620		2.3827	2.3827		2.1920	2.1920	0.0000	6,140.0195	6,140.0195	1.9426		6,188.5854
Total	4.7389	54.5202	33.3768	0.0620	6.4069	2.3827	8.7896	3.3518	2.1920	5.5438	0.0000	6,140.0195	6,140.0195	1.9426		6,188.5854

S. Oregon Ready Mix - Siskiyou County, Winter

3.4 Grading - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5881	18.5409	3.2308	0.0495	1.0398	0.0831	1.1229	0.2852	0.0795	0.3647		5,184.4470	5,184.4470	0.2887		5,191.6649
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1791	0.1535	1.2747	1.7800e-003	0.1643	1.7100e-003	0.1660	0.0436	1.5700e-003	0.0452		176.6737	176.6737	0.0121		176.9749
Total	0.7672	18.6944	4.5055	0.0513	1.2041	0.0848	1.2889	0.3288	0.0811	0.4099		5,361.1207	5,361.1207	0.3008		5,368.6398

3.5 Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127		2,591.5802	2,591.5802	0.6313		2,607.3635
Total	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127		2,591.5802	2,591.5802	0.6313		2,607.3635

S. Oregon Ready Mix - Siskiyou County, Winter

3.5 Building Construction - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.4454	25.2991	10.0168	0.0545	1.2069	0.1944	1.4013	0.3475	0.1860	0.5335		5,682.6235	5,682.6235	0.4914		5,694.9096
Worker	4.0743	3.4919	29.0004	0.0406	3.7377	0.0388	3.7765	0.9914	0.0358	1.0272		4,019.3274	4,019.3274	0.2741		4,026.1794
Total	5.5197	28.7910	39.0172	0.0951	4.9446	0.2332	5.1778	1.3390	0.2218	1.5607		9,701.9509	9,701.9509	0.7655		9,721.0890

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127	0.0000	2,591.5802	2,591.5802	0.6313		2,607.3635
Total	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127	0.0000	2,591.5802	2,591.5802	0.6313		2,607.3635

S. Oregon Ready Mix - Siskiyou County, Winter

3.5 Building Construction - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	1.4454	25.2991	10.0168	0.0545	1.2069	0.1944	1.4013	0.3475	0.1860	0.5335		5,682.6235	5,682.6235	0.4914			5,694.9096
Worker	4.0743	3.4919	29.0004	0.0406	3.7377	0.0388	3.7765	0.9914	0.0358	1.0272		4,019.3274	4,019.3274	0.2741			4,026.1794
Total	5.5197	28.7910	39.0172	0.0951	4.9446	0.2332	5.1778	1.3390	0.2218	1.5607		9,701.9509	9,701.9509	0.7655			9,721.0890

3.6 Paving - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.4544	15.2441	14.6648	0.0228		0.8246	0.8246		0.7586	0.7586		2,257.0025	2,257.0025	0.7141			2,274.8548
Paving	3.2475					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Total	4.7019	15.2441	14.6648	0.0228		0.8246	0.8246		0.7586	0.7586		2,257.0025	2,257.0025	0.7141			2,274.8548

S. Oregon Ready Mix - Siskiyou County, Winter

3.6 Paving - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1343	0.1151	0.9561	1.3400e-003	0.1232	1.2800e-003	0.1245	0.0327	1.1800e-003	0.0339		132.5053	132.5053	9.0400e-003		132.7312
Total	0.1343	0.1151	0.9561	1.3400e-003	0.1232	1.2800e-003	0.1245	0.0327	1.1800e-003	0.0339		132.5053	132.5053	9.0400e-003		132.7312

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.4544	15.2441	14.6648	0.0228		0.8246	0.8246		0.7586	0.7586	0.0000	2,257.0025	2,257.0025	0.7141		2,274.8548
Paving	3.2475					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	4.7019	15.2441	14.6648	0.0228		0.8246	0.8246		0.7586	0.7586	0.0000	2,257.0025	2,257.0025	0.7141		2,274.8548

S. Oregon Ready Mix - Siskiyou County, Winter

3.6 Paving - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1343	0.1151	0.9561	1.3400e-003	0.1232	1.2800e-003	0.1245	0.0327	1.1800e-003	0.0339		132.5053	132.5053	9.0400e-003		132.7312
Total	0.1343	0.1151	0.9561	1.3400e-003	0.1232	1.2800e-003	0.1245	0.0327	1.1800e-003	0.0339		132.5053	132.5053	9.0400e-003		132.7312

3.7 Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	42.1785					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423
Total	42.4449	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423

S. Oregon Ready Mix - Siskiyou County, Winter

3.7 Architectural Coating - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.8149	0.6984	5.8001	8.1200e-003	0.7475	7.7600e-003	0.7553	0.1983	7.1600e-003	0.2054		803.8655	803.8655	0.0548		805.2359
Total	0.8149	0.6984	5.8001	8.1200e-003	0.7475	7.7600e-003	0.7553	0.1983	7.1600e-003	0.2054		803.8655	803.8655	0.0548		805.2359

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	42.1785					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		282.0423
Total	42.4449	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		282.0423

S. Oregon Ready Mix - Siskiyou County, Winter

3.7 Architectural Coating - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.8149	0.6984	5.8001	8.1200e-003	0.7475	7.7600e-003	0.7553	0.1983	7.1600e-003	0.2054		803.8655	803.8655	0.0548		805.2359
Total	0.8149	0.6984	5.8001	8.1200e-003	0.7475	7.7600e-003	0.7553	0.1983	7.1600e-003	0.2054		803.8655	803.8655	0.0548		805.2359

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

S. Oregon Ready Mix - 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	0.0884	0.7902	1.0362	3.1200e-003	0.1751	3.6500e-003	0.1787	0.0470	3.4500e-003	0.0504		318.4890	318.4890	0.0242		319.0947
Unmitigated	0.0884	0.7902	1.0362	3.1200e-003	0.1751	3.6500e-003	0.1787	0.0470	3.4500e-003	0.0504		318.4890	318.4890	0.0242		319.0947

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	27.88	5.28	2.72	61,477	61,477
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	27.88	5.28	2.72	61,477	61,477

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	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

S. Oregon Ready Mix - Siskiyou County, Winter

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	4.1000e-004	3.7700e-003	3.1700e-003	2.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004		4.5254	4.5254	9.0000e-005	8.0000e-005	4.5523
NaturalGas Unmitigated	4.1000e-004	3.7700e-003	3.1700e-003	2.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004		4.5254	4.5254	9.0000e-005	8.0000e-005	4.5523

S. Oregon Ready Mix - Siskiyou County, Winter

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Light Industry	38.4658	4.1000e-004	3.7700e-003	3.1700e-003	2.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004		4.5254	4.5254	9.0000e-005	8.0000e-005	4.5523
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
Total		4.1000e-004	3.7700e-003	3.1700e-003	2.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004		4.5254	4.5254	9.0000e-005	8.0000e-005	4.5523

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 Light Industry	0.0384658	4.1000e-004	3.7700e-003	3.1700e-003	2.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004		4.5254	4.5254	9.0000e-005	8.0000e-005	4.5523
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
Total		4.1000e-004	3.7700e-003	3.1700e-003	2.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004		4.5254	4.5254	9.0000e-005	8.0000e-005	4.5523

6.0 Area Detail

6.1 Mitigation Measures Area

S. Oregon Ready Mix - 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	0.7096	1.0200e-003	0.1111	1.0000e-005		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004		0.2372	0.2372	6.3000e-004		0.2530
Unmitigated	0.7096	1.0200e-003	0.1111	1.0000e-005		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004		0.2372	0.2372	6.3000e-004		0.2530

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	0.2311					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.4681					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0104	1.0200e-003	0.1111	1.0000e-005		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004		0.2372	0.2372	6.3000e-004		0.2530
Total	0.7096	1.0200e-003	0.1111	1.0000e-005		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004		0.2372	0.2372	6.3000e-004		0.2530

S. Oregon Ready Mix - 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	0.2311					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.4681					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0104	1.0200e-003	0.1111	1.0000e-005		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004		0.2372	0.2372	6.3000e-004		0.2530
Total	0.7096	1.0200e-003	0.1111	1.0000e-005		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004		0.2372	0.2372	6.3000e-004		0.2530

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Toilet

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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S. Oregon Ready Mix - Siskiyou County, Winter

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
