

Orland Truck Wash - Glenn County, Summer

**Orland Truck Wash
Glenn County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Strip Mall	19.34	1000sqft	1.19	19,341.00	0
Automobile Care Center	6.12	1000sqft	0.95	6,120.00	0
User Defined Retail	0.00	User Defined Unit	0.93	5,700.00	0
Strip Mall	25.63	1000sqft	0.99	25,631.00	0
Strip Mall	23.26	1000sqft	0.92	23,261.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	61
Climate Zone	3			Operational Year	2021
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

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Project Characteristics -

Land Use - Lot acreage update to match that of the project.

Construction Phase - construction, paving and coating will occur at the same time.

Fleet Mix - information updated to match that of the traffic report.

Energy Use - User defined retail will have a similar use as the auto care center.

Water And Wastewater - Indoor water use updated to reflect information provided.

Solid Waste - User defined retail and auto care center will have similar uses.

Water Mitigation -

Vehicle Trips - Information updated to match the traffic impact study

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	18.00	230.00
tblConstructionPhase	NumDays	18.00	230.00
tblConstructionPhase	PhaseEndDate	9/17/2020	3/5/2021
tblConstructionPhase	PhaseEndDate	7/29/2020	3/5/2021
tblConstructionPhase	PhaseEndDate	9/11/2019	4/17/2020
tblConstructionPhase	PhaseEndDate	8/24/2020	3/5/2021
tblConstructionPhase	PhaseEndDate	8/30/2019	4/7/2020
tblConstructionPhase	PhaseStartDate	8/25/2020	4/18/2020
tblConstructionPhase	PhaseStartDate	9/12/2019	4/18/2020
tblConstructionPhase	PhaseStartDate	8/31/2019	4/8/2020
tblConstructionPhase	PhaseStartDate	7/30/2020	4/18/2020
tblConstructionPhase	PhaseStartDate	8/24/2019	4/1/2020
tblEnergyUse	LightingElect	0.00	2.70
tblEnergyUse	NT24E	0.00	4.61
tblEnergyUse	NT24NG	0.00	3.84
tblEnergyUse	T24E	0.00	1.96

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tblEnergyUse	T24NG	0.00	17.03
tblFleetMix	HHD	0.07	0.50
tblFleetMix	HHD	0.07	0.50
tblFleetMix	LDA	0.55	0.00
tblFleetMix	LDA	0.55	0.00
tblFleetMix	LDT1	0.03	0.00
tblFleetMix	LDT1	0.03	0.00
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD2	7.2760e-003	0.00
tblFleetMix	LHD2	7.2760e-003	0.00
tblFleetMix	MCY	4.7390e-003	0.00
tblFleetMix	MCY	4.7390e-003	0.00
tblFleetMix	MDV	0.12	0.00
tblFleetMix	MDV	0.12	0.00
tblFleetMix	MH	8.5800e-004	0.00
tblFleetMix	MH	8.5800e-004	0.00
tblFleetMix	MHD	9.8790e-003	0.50
tblFleetMix	MHD	9.8790e-003	0.50
tblFleetMix	OBUS	1.0780e-003	0.00
tblFleetMix	OBUS	1.0780e-003	0.00
tblFleetMix	SBUS	8.0100e-004	0.00
tblFleetMix	SBUS	8.0100e-004	0.00
tblFleetMix	UBUS	1.6470e-003	0.00
tblFleetMix	UBUS	1.6470e-003	0.00

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tblLandUse	LandUseSquareFeet	0.00	5,700.00
tblLandUse	LotAcreage	0.44	1.19
tblLandUse	LotAcreage	0.14	0.95
tblLandUse	LotAcreage	0.59	0.99
tblLandUse	LotAcreage	0.53	0.92
tblLandUse	LotAcreage	0.00	0.93
tblSolidWaste	SolidWasteGenerationRate	0.00	23.38
tblVehicleTrips	CC_TTP	0.00	48.00
tblVehicleTrips	CNW_TTP	0.00	19.00
tblVehicleTrips	CW_TTP	0.00	33.00
tblVehicleTrips	DV_TP	0.00	51.00
tblVehicleTrips	PB_TP	0.00	28.00
tblVehicleTrips	PR_TP	0.00	21.00
tblVehicleTrips	ST_TR	23.72	25.00
tblVehicleTrips	ST_TR	42.04	38.00
tblVehicleTrips	ST_TR	0.00	11.95
tblVehicleTrips	SU_TR	11.88	25.00
tblVehicleTrips	SU_TR	20.43	38.00
tblVehicleTrips	SU_TR	0.00	11.95
tblVehicleTrips	WD_TR	23.72	25.00
tblVehicleTrips	WD_TR	44.32	38.00
tblVehicleTrips	WD_TR	0.00	11.95
tblWater	IndoorWaterUseRate	575,776.38	273,750.00
tblWater	IndoorWaterUseRate	0.00	273,750.00
tblWater	OutdoorWaterUseRate	0.00	352,895.20

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	2.2221	7.0000e-005	7.6200e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0163	0.0163	4.0000e-005		0.0174
Energy	0.0289	0.2624	0.2204	1.5700e-003		0.0199	0.0199		0.0199	0.0199		314.8353	314.8353	6.0300e-003	5.7700e-003	316.7062
Mobile	6.4207	45.4708	47.0486	0.1688	8.9077	0.1709	9.0786	2.3914	0.1615	2.5529		17,221.4141	17,221.4141	1.2973		17,253.8461
Total	8.6717	45.7333	47.2766	0.1704	8.9077	0.1909	9.0986	2.3914	0.1815	2.5728		17,536.2656	17,536.2656	1.3034	5.7700e-003	17,570.5697

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	2.2221	7.0000e-005	7.6200e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0163	0.0163	4.0000e-005		0.0174
Energy	0.0289	0.2624	0.2204	1.5700e-003		0.0199	0.0199		0.0199	0.0199		314.8353	314.8353	6.0300e-003	5.7700e-003	316.7062
Mobile	6.4207	45.4708	47.0486	0.1688	8.9077	0.1709	9.0786	2.3914	0.1615	2.5529		17,221.4141	17,221.4141	1.2973		17,253.8461
Total	8.6717	45.7333	47.2766	0.1704	8.9077	0.1909	9.0986	2.3914	0.1815	2.5728		17,536.2656	17,536.2656	1.3034	5.7700e-003	17,570.5697

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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
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	4/1/2020	4/7/2020	5	5	
2	Grading	Grading	4/8/2020	4/17/2020	5	8	
3	Building Construction	Building Construction	4/18/2020	3/5/2021	5	230	
4	Paving	Paving	4/18/2020	3/5/2021	5	230	
5	Architectural Coating	Architectural Coating	4/18/2020	3/5/2021	5	230	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 4

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 120,080; Non-Residential Outdoor: 40,027; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	2	6.00	9	0.56
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Grading	Excavators	1	8.00	158	0.38
Paving	Pavers	1	8.00	130	0.42
Paving	Rollers	2	6.00	80	0.38
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Paving	Paving Equipment	2	6.00	132	0.36
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	26.00	13.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	5.00	0.00	0.00	10.80	7.30	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	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216		3,685.1016	3,685.1016	1.1918		3,714.8975
Total	4.0765	42.4173	21.5136	0.0380	18.0663	2.1974	20.2637	9.9307	2.0216	11.9523		3,685.1016	3,685.1016	1.1918		3,714.8975

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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	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	0.0931	0.0578	0.7105	1.5800e-003	0.1479	1.1000e-003	0.1490	0.0392	1.0100e-003	0.0402		157.2716	157.2716	6.1000e-003		157.4242
Total	0.0931	0.0578	0.7105	1.5800e-003	0.1479	1.1000e-003	0.1490	0.0392	1.0100e-003	0.0402		157.2716	157.2716	6.1000e-003		157.4242

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	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975
Total	4.0765	42.4173	21.5136	0.0380	18.0663	2.1974	20.2637	9.9307	2.0216	11.9523	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975

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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	0.0000	0.0000	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	0.0931	0.0578	0.7105	1.5800e-003	0.1479	1.1000e-003	0.1490	0.0392	1.0100e-003	0.0402		157.2716	157.2716	6.1000e-003		157.4242
Total	0.0931	0.0578	0.7105	1.5800e-003	0.1479	1.1000e-003	0.1490	0.0392	1.0100e-003	0.0402		157.2716	157.2716	6.1000e-003		157.4242

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	2.4288	26.3859	16.0530	0.0297		1.2734	1.2734		1.1716	1.1716		2,872.4851	2,872.4851	0.9290		2,895.7106
Total	2.4288	26.3859	16.0530	0.0297	6.5523	1.2734	7.8258	3.3675	1.1716	4.5390		2,872.4851	2,872.4851	0.9290		2,895.7106

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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	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	0.0776	0.0482	0.5921	1.3200e-003	0.1232	9.2000e-004	0.1241	0.0327	8.4000e-004	0.0335		131.0596	131.0596	5.0900e-003		131.1868
Total	0.0776	0.0482	0.5921	1.3200e-003	0.1232	9.2000e-004	0.1241	0.0327	8.4000e-004	0.0335		131.0596	131.0596	5.0900e-003		131.1868

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	2.4288	26.3859	16.0530	0.0297		1.2734	1.2734		1.1716	1.1716	0.0000	2,872.4851	2,872.4851	0.9290		2,895.7106
Total	2.4288	26.3859	16.0530	0.0297	6.5523	1.2734	7.8258	3.3675	1.1716	4.5390	0.0000	2,872.4851	2,872.4851	0.9290		2,895.7106

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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	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	0.0776	0.0482	0.5921	1.3200e-003	0.1232	9.2000e-004	0.1241	0.0327	8.4000e-004	0.0335		131.0596	131.0596	5.0900e-003		131.1868
Total	0.0776	0.0482	0.5921	1.3200e-003	0.1232	9.2000e-004	0.1241	0.0327	8.4000e-004	0.0335		131.0596	131.0596	5.0900e-003		131.1868

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	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503		2,553.0631	2,553.0631	0.6229		2,568.6345
Total	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503		2,553.0631	2,553.0631	0.6229		2,568.6345

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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	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	0.0700	1.5801	0.4612	3.8600e-003	0.0881	9.4500e-003	0.0976	0.0254	9.0400e-003	0.0344		403.4763	403.4763	0.0256		404.1153
Worker	0.1345	0.0835	1.0263	2.2800e-003	0.2136	1.5900e-003	0.2152	0.0567	1.4600e-003	0.0581		227.1701	227.1701	8.8200e-003		227.3905
Total	0.2044	1.6637	1.4875	6.1400e-003	0.3017	0.0110	0.3128	0.0820	0.0105	0.0925		630.6464	630.6464	0.0344		631.5057

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	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503	0.0000	2,553.0631	2,553.0631	0.6229		2,568.6345
Total	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503	0.0000	2,553.0631	2,553.0631	0.6229		2,568.6345

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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	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	0.0700	1.5801	0.4612	3.8600e-003	0.0881	9.4500e-003	0.0976	0.0254	9.0400e-003	0.0344		403.4763	403.4763	0.0256		404.1153
Worker	0.1345	0.0835	1.0263	2.2800e-003	0.2136	1.5900e-003	0.2152	0.0567	1.4600e-003	0.0581		227.1701	227.1701	8.8200e-003		227.3905
Total	0.2044	1.6637	1.4875	6.1400e-003	0.3017	0.0110	0.3128	0.0820	0.0105	0.0925		630.6464	630.6464	0.0344		631.5057

3.4 Building Construction - 2021

Unmitigated Construction On-Site

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

Orland Truck Wash - Glenn 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	0.0577	1.4414	0.3904	3.8400e-003	0.0881	4.6700e-003	0.0928	0.0254	4.4600e-003	0.0298		400.9137	400.9137	0.0258		401.5585
Worker	0.1236	0.0740	0.9259	2.2000e-003	0.2136	1.5300e-003	0.2151	0.0567	1.4100e-003	0.0581		219.3464	219.3464	7.7700e-003		219.5407
Total	0.1813	1.5154	1.3163	6.0400e-003	0.3017	6.2000e-003	0.3079	0.0820	5.8700e-003	0.0879		620.2601	620.2601	0.0336		621.0992

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643

Orland Truck Wash - Glenn 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	0.0577	1.4414	0.3904	3.8400e-003	0.0881	4.6700e-003	0.0928	0.0254	4.4600e-003	0.0298		400.9137	400.9137	0.0258		401.5585
Worker	0.1236	0.0740	0.9259	2.2000e-003	0.2136	1.5300e-003	0.2151	0.0567	1.4100e-003	0.0581		219.3464	219.3464	7.7700e-003		219.5407
Total	0.1813	1.5154	1.3163	6.0400e-003	0.3017	6.2000e-003	0.3079	0.0820	5.8700e-003	0.0879		620.2601	620.2601	0.0336		621.0992

3.5 Paving - 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	1.1837	11.8015	12.2823	0.0189		0.6509	0.6509		0.6005	0.6005		1,804.7070	1,804.7070	0.5670		1,818.8830
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1837	11.8015	12.2823	0.0189		0.6509	0.6509		0.6005	0.6005		1,804.7070	1,804.7070	0.5670		1,818.8830

Orland Truck Wash - Glenn County, Summer

3.5 Paving - 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	0.1034	0.0643	0.7894	1.7600e-003	0.1643	1.2200e-003	0.1655	0.0436	1.1200e-003	0.0447		174.7462	174.7462	6.7800e-003		174.9157
Total	0.1034	0.0643	0.7894	1.7600e-003	0.1643	1.2200e-003	0.1655	0.0436	1.1200e-003	0.0447		174.7462	174.7462	6.7800e-003		174.9157

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	1.1837	11.8015	12.2823	0.0189		0.6509	0.6509		0.6005	0.6005	0.0000	1,804.7070	1,804.7070	0.5670		1,818.8830
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1837	11.8015	12.2823	0.0189		0.6509	0.6509		0.6005	0.6005	0.0000	1,804.7070	1,804.7070	0.5670		1,818.8830

Orland Truck Wash - Glenn County, Summer

3.5 Paving - 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	0.1034	0.0643	0.7894	1.7600e-003	0.1643	1.2200e-003	0.1655	0.0436	1.1200e-003	0.0447		174.7462	174.7462	6.7800e-003		174.9157
Total	0.1034	0.0643	0.7894	1.7600e-003	0.1643	1.2200e-003	0.1655	0.0436	1.1200e-003	0.0447		174.7462	174.7462	6.7800e-003		174.9157

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	1.0940	10.8399	12.2603	0.0189		0.5788	0.5788		0.5342	0.5342		1,804.5523	1,804.5523	0.5670		1,818.7270
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0940	10.8399	12.2603	0.0189		0.5788	0.5788		0.5342	0.5342		1,804.5523	1,804.5523	0.5670		1,818.7270

Orland Truck Wash - Glenn 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	0.0951	0.0569	0.7122	1.7000e-003	0.1643	1.1700e-003	0.1655	0.0436	1.0800e-003	0.0447		168.7280	168.7280	5.9800e-003		168.8774
Total	0.0951	0.0569	0.7122	1.7000e-003	0.1643	1.1700e-003	0.1655	0.0436	1.0800e-003	0.0447		168.7280	168.7280	5.9800e-003		168.8774

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	1.0940	10.8399	12.2603	0.0189		0.5788	0.5788		0.5342	0.5342	0.0000	1,804.5523	1,804.5523	0.5670		1,818.7270
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0940	10.8399	12.2603	0.0189		0.5788	0.5788		0.5342	0.5342	0.0000	1,804.5523	1,804.5523	0.5670		1,818.7270

Orland Truck Wash - Glenn 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	0.0951	0.0569	0.7122	1.7000e-003	0.1643	1.1700e-003	0.1655	0.0436	1.0800e-003	0.0447		168.7280	168.7280	5.9800e-003		168.8774
Total	0.0951	0.0569	0.7122	1.7000e-003	0.1643	1.1700e-003	0.1655	0.0436	1.0800e-003	0.0447		168.7280	168.7280	5.9800e-003		168.8774

3.6 Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	8.0663					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928
Total	8.3084	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928

Orland Truck Wash - Glenn County, Summer

3.6 Architectural Coating - 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	0.0259	0.0161	0.1974	4.4000e-004	0.0411	3.1000e-004	0.0414	0.0109	2.8000e-004	0.0112		43.6866	43.6866	1.7000e-003		43.7289
Total	0.0259	0.0161	0.1974	4.4000e-004	0.0411	3.1000e-004	0.0414	0.0109	2.8000e-004	0.0112		43.6866	43.6866	1.7000e-003		43.7289

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	8.0663					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218		281.9928
Total	8.3084	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218		281.9928

Orland Truck Wash - Glenn County, Summer

3.6 Architectural Coating - 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	0.0259	0.0161	0.1974	4.4000e-004	0.0411	3.1000e-004	0.0414	0.0109	2.8000e-004	0.0112		43.6866	43.6866	1.7000e-003		43.7289
Total	0.0259	0.0161	0.1974	4.4000e-004	0.0411	3.1000e-004	0.0414	0.0109	2.8000e-004	0.0112		43.6866	43.6866	1.7000e-003		43.7289

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	8.0663					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	8.2852	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309

Orland Truck Wash - Glenn 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	0.0238	0.0142	0.1781	4.2000e-004	0.0411	2.9000e-004	0.0414	0.0109	2.7000e-004	0.0112		42.1820	42.1820	1.4900e-003		42.2194
Total	0.0238	0.0142	0.1781	4.2000e-004	0.0411	2.9000e-004	0.0414	0.0109	2.7000e-004	0.0112		42.1820	42.1820	1.4900e-003		42.2194

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	8.0663					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
Total	8.2852	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

Orland Truck Wash - Glenn 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	0.0238	0.0142	0.1781	4.2000e-004	0.0411	2.9000e-004	0.0414	0.0109	2.7000e-004	0.0112		42.1820	42.1820	1.4900e-003		42.2194
Total	0.0238	0.0142	0.1781	4.2000e-004	0.0411	2.9000e-004	0.0414	0.0109	2.7000e-004	0.0112		42.1820	42.1820	1.4900e-003		42.2194

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Orland Truck Wash - Glenn 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	6.4207	45.4708	47.0486	0.1688	8.9077	0.1709	9.0786	2.3914	0.1615	2.5529		17,221.41 41	17,221.41 41	1.2973		17,253.84 61
Unmitigated	6.4207	45.4708	47.0486	0.1688	8.9077	0.1709	9.0786	2.3914	0.1615	2.5529		17,221.41 41	17,221.41 41	1.2973		17,253.84 61

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Automobile Care Center	153.00	153.00	153.00	152,416	152,416
Strip Mall	734.96	734.96	734.96	1,131,860	1,131,860
Strip Mall	973.98	973.98	973.98	1,499,958	1,499,958
Strip Mall	883.92	883.92	883.92	1,361,263	1,361,263
User Defined Retail	0.00	0.00	0.00		
Total	2,745.85	2,745.85	2,745.85	4,145,497	4,145,497

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
Automobile Care Center	9.50	7.30	7.30	33.00	48.00	19.00	21	51	28
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15
User Defined Retail	9.50	7.30	7.30	33.00	48.00	19.00	21	51	28

Orland Truck Wash - Glenn County, Summer

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Automobile Care Center	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.500000	0.500000	0.000000	0.000000	0.000000	0.000000	0.000000
Strip Mall	0.549294	0.032492	0.169090	0.120716	0.031218	0.007276	0.009879	0.070912	0.001078	0.001647	0.004739	0.000801	0.000858
User Defined Retail	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.500000	0.500000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0289	0.2624	0.2204	1.5700e-003		0.0199	0.0199		0.0199	0.0199		314.8353	314.8353	6.0300e-003	5.7700e-003	316.7062
NaturalGas Unmitigated	0.0289	0.2624	0.2204	1.5700e-003		0.0199	0.0199		0.0199	0.0199		314.8353	314.8353	6.0300e-003	5.7700e-003	316.7062

Orland Truck Wash - Glenn County, Summer

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					
Automobile Care Center	349.93	3.7700e-003	0.0343	0.0288	2.1000e-004		2.6100e-003	2.6100e-003		2.6100e-003	2.6100e-003		41.1682	41.1682	7.9000e-004	7.5000e-004	41.4129
Strip Mall	566.983	6.1100e-003	0.0556	0.0467	3.3000e-004		4.2200e-003	4.2200e-003		4.2200e-003	4.2200e-003		66.7039	66.7039	1.2800e-003	1.2200e-003	67.1002
Strip Mall	681.898	7.3500e-003	0.0669	0.0562	4.0000e-004		5.0800e-003	5.0800e-003		5.0800e-003	5.0800e-003		80.2233	80.2233	1.5400e-003	1.4700e-003	80.7000
Strip Mall	751.375	8.1000e-003	0.0737	0.0619	4.4000e-004		5.6000e-003	5.6000e-003		5.6000e-003	5.6000e-003		88.3970	88.3970	1.6900e-003	1.6200e-003	88.9223
User Defined Retail	325.915	3.5100e-003	0.0320	0.0268	1.9000e-004		2.4300e-003	2.4300e-003		2.4300e-003	2.4300e-003		38.3430	38.3430	7.3000e-004	7.0000e-004	38.5708
Total		0.0288	0.2624	0.2204	1.5700e-003		0.0199	0.0199		0.0199	0.0199		314.8353	314.8353	6.0300e-003	5.7600e-003	316.7062

Orland Truck Wash - Glenn 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					
Automobile Care Center	0.34993	3.7700e-003	0.0343	0.0288	2.1000e-004		2.6100e-003	2.6100e-003		2.6100e-003	2.6100e-003		41.1682	41.1682	7.9000e-004	7.5000e-004	41.4129
Strip Mall	0.566983	6.1100e-003	0.0556	0.0467	3.3000e-004		4.2200e-003	4.2200e-003		4.2200e-003	4.2200e-003		66.7039	66.7039	1.2800e-003	1.2200e-003	67.1002
Strip Mall	0.681898	7.3500e-003	0.0669	0.0562	4.0000e-004		5.0800e-003	5.0800e-003		5.0800e-003	5.0800e-003		80.2233	80.2233	1.5400e-003	1.4700e-003	80.7000
Strip Mall	0.751375	8.1000e-003	0.0737	0.0619	4.4000e-004		5.6000e-003	5.6000e-003		5.6000e-003	5.6000e-003		88.3970	88.3970	1.6900e-003	1.6200e-003	88.9223
User Defined Retail	0.325915	3.5100e-003	0.0320	0.0268	1.9000e-004		2.4300e-003	2.4300e-003		2.4300e-003	2.4300e-003		38.3430	38.3430	7.3000e-004	7.0000e-004	38.5708
Total		0.0288	0.2624	0.2204	1.5700e-003		0.0199	0.0199		0.0199	0.0199		314.8353	314.8353	6.0300e-003	5.7600e-003	316.7062

6.0 Area Detail

6.1 Mitigation Measures Area

Orland Truck Wash - Glenn 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	2.2221	7.0000e-005	7.6200e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0163	0.0163	4.0000e-005		0.0174
Unmitigated	2.2221	7.0000e-005	7.6200e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0163	0.0163	4.0000e-005		0.0174

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	0.5083					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.7131					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	7.1000e-004	7.0000e-005	7.6200e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0163	0.0163	4.0000e-005		0.0174
Total	2.2221	7.0000e-005	7.6200e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0163	0.0163	4.0000e-005		0.0174

Orland Truck Wash - Glenn 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	0.5083					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.7131					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	7.1000e-004	7.0000e-005	7.6200e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0163	0.0163	4.0000e-005		0.0174
Total	2.2221	7.0000e-005	7.6200e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0163	0.0163	4.0000e-005		0.0174

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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Orland Truck Wash - Glenn 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

Orland Truck Wash - Glenn County, Winter

**Orland Truck Wash
Glenn County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Strip Mall	19.34	1000sqft	1.19	19,341.00	0
Automobile Care Center	6.12	1000sqft	0.95	6,120.00	0
User Defined Retail	0.00	User Defined Unit	0.93	5,700.00	0
Strip Mall	25.63	1000sqft	0.99	25,631.00	0
Strip Mall	23.26	1000sqft	0.92	23,261.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	61
Climate Zone	3			Operational Year	2021
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Orland Truck Wash - Glenn County, Winter

Project Characteristics -

Land Use - Lot acreage update to match that of the project.

Construction Phase - construction, paving and coating will occur at the same time.

Fleet Mix - information updated to match that of the traffic report.

Energy Use - User defined retail will have a similar use as the auto care center.

Water And Wastewater - Indoor water use updated to reflect information provided.

Solid Waste - User defined retail and auto care center will have similar uses.

Water Mitigation -

Vehicle Trips - Information updated to match the traffic impact study

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	18.00	230.00
tblConstructionPhase	NumDays	18.00	230.00
tblConstructionPhase	PhaseEndDate	9/17/2020	3/5/2021
tblConstructionPhase	PhaseEndDate	7/29/2020	3/5/2021
tblConstructionPhase	PhaseEndDate	9/11/2019	4/17/2020
tblConstructionPhase	PhaseEndDate	8/24/2020	3/5/2021
tblConstructionPhase	PhaseEndDate	8/30/2019	4/7/2020
tblConstructionPhase	PhaseStartDate	8/25/2020	4/18/2020
tblConstructionPhase	PhaseStartDate	9/12/2019	4/18/2020
tblConstructionPhase	PhaseStartDate	8/31/2019	4/8/2020
tblConstructionPhase	PhaseStartDate	7/30/2020	4/18/2020
tblConstructionPhase	PhaseStartDate	8/24/2019	4/1/2020
tblEnergyUse	LightingElect	0.00	2.70
tblEnergyUse	NT24E	0.00	4.61
tblEnergyUse	NT24NG	0.00	3.84
tblEnergyUse	T24E	0.00	1.96

Orland Truck Wash - Glenn County, Winter

tblEnergyUse	T24NG	0.00	17.03
tblFleetMix	HHD	0.07	0.50
tblFleetMix	HHD	0.07	0.50
tblFleetMix	LDA	0.55	0.00
tblFleetMix	LDA	0.55	0.00
tblFleetMix	LDT1	0.03	0.00
tblFleetMix	LDT1	0.03	0.00
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD2	7.2760e-003	0.00
tblFleetMix	LHD2	7.2760e-003	0.00
tblFleetMix	MCY	4.7390e-003	0.00
tblFleetMix	MCY	4.7390e-003	0.00
tblFleetMix	MDV	0.12	0.00
tblFleetMix	MDV	0.12	0.00
tblFleetMix	MH	8.5800e-004	0.00
tblFleetMix	MH	8.5800e-004	0.00
tblFleetMix	MHD	9.8790e-003	0.50
tblFleetMix	MHD	9.8790e-003	0.50
tblFleetMix	OBUS	1.0780e-003	0.00
tblFleetMix	OBUS	1.0780e-003	0.00
tblFleetMix	SBUS	8.0100e-004	0.00
tblFleetMix	SBUS	8.0100e-004	0.00
tblFleetMix	UBUS	1.6470e-003	0.00
tblFleetMix	UBUS	1.6470e-003	0.00

Orland Truck Wash - Glenn County, Winter

tblLandUse	LandUseSquareFeet	0.00	5,700.00
tblLandUse	LotAcreage	0.44	1.19
tblLandUse	LotAcreage	0.14	0.95
tblLandUse	LotAcreage	0.59	0.99
tblLandUse	LotAcreage	0.53	0.92
tblLandUse	LotAcreage	0.00	0.93
tblSolidWaste	SolidWasteGenerationRate	0.00	23.38
tblVehicleTrips	CC_TTP	0.00	48.00
tblVehicleTrips	CNW_TTP	0.00	19.00
tblVehicleTrips	CW_TTP	0.00	33.00
tblVehicleTrips	DV_TP	0.00	51.00
tblVehicleTrips	PB_TP	0.00	28.00
tblVehicleTrips	PR_TP	0.00	21.00
tblVehicleTrips	ST_TR	23.72	25.00
tblVehicleTrips	ST_TR	42.04	38.00
tblVehicleTrips	ST_TR	0.00	11.95
tblVehicleTrips	SU_TR	11.88	25.00
tblVehicleTrips	SU_TR	20.43	38.00
tblVehicleTrips	SU_TR	0.00	11.95
tblVehicleTrips	WD_TR	23.72	25.00
tblVehicleTrips	WD_TR	44.32	38.00
tblVehicleTrips	WD_TR	0.00	11.95
tblWater	IndoorWaterUseRate	575,776.38	273,750.00
tblWater	IndoorWaterUseRate	0.00	273,750.00
tblWater	OutdoorWaterUseRate	0.00	352,895.20

2.0 Emissions Summary

Orland Truck Wash - Glenn 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	2.2221	7.0000e-005	7.6200e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0163	0.0163	4.0000e-005		0.0174
Energy	0.0289	0.2624	0.2204	1.5700e-003		0.0199	0.0199		0.0199	0.0199		314.8353	314.8353	6.0300e-003	5.7700e-003	316.7062
Mobile	5.0125	46.1840	48.9895	0.1540	8.9077	0.1793	9.0870	2.3914	0.1695	2.5609		15,711.0924	15,711.0924	1.4196		15,746.5822
Total	7.2635	46.4465	49.2175	0.1555	8.9077	0.1992	9.1070	2.3914	0.1895	2.5808		16,025.9439	16,025.9439	1.4257	5.7700e-003	16,063.3057

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	2.2221	7.0000e-005	7.6200e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0163	0.0163	4.0000e-005		0.0174
Energy	0.0289	0.2624	0.2204	1.5700e-003		0.0199	0.0199		0.0199	0.0199		314.8353	314.8353	6.0300e-003	5.7700e-003	316.7062
Mobile	5.0125	46.1840	48.9895	0.1540	8.9077	0.1793	9.0870	2.3914	0.1695	2.5609		15,711.0924	15,711.0924	1.4196		15,746.5822
Total	7.2635	46.4465	49.2175	0.1555	8.9077	0.1992	9.1070	2.3914	0.1895	2.5808		16,025.9439	16,025.9439	1.4257	5.7700e-003	16,063.3057

Orland Truck Wash - Glenn 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	4/1/2020	4/7/2020	5	5	
2	Grading	Grading	4/8/2020	4/17/2020	5	8	
3	Building Construction	Building Construction	4/18/2020	3/5/2021	5	230	
4	Paving	Paving	4/18/2020	3/5/2021	5	230	
5	Architectural Coating	Architectural Coating	4/18/2020	3/5/2021	5	230	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 4

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 120,080; Non-Residential Outdoor: 40,027; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Orland Truck Wash - Glenn County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	2	6.00	9	0.56
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Grading	Excavators	1	8.00	158	0.38
Paving	Pavers	1	8.00	130	0.42
Paving	Rollers	2	6.00	80	0.38
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Paving	Paving Equipment	2	6.00	132	0.36
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	26.00	13.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Orland Truck Wash - Glenn 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216		3,685.1016	3,685.1016	1.1918		3,714.8975
Total	4.0765	42.4173	21.5136	0.0380	18.0663	2.1974	20.2637	9.9307	2.0216	11.9523		3,685.1016	3,685.1016	1.1918		3,714.8975

Orland Truck Wash - Glenn 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	0.0000	0.0000	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	0.0854	0.0720	0.6188	1.3800e-003	0.1479	1.1000e-003	0.1490	0.0392	1.0100e-003	0.0402		137.6787	137.6787	5.3800e-003		137.8131
Total	0.0854	0.0720	0.6188	1.3800e-003	0.1479	1.1000e-003	0.1490	0.0392	1.0100e-003	0.0402		137.6787	137.6787	5.3800e-003		137.8131

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	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975
Total	4.0765	42.4173	21.5136	0.0380	18.0663	2.1974	20.2637	9.9307	2.0216	11.9523	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975

Orland Truck Wash - Glenn 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	0.0000	0.0000	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	0.0854	0.0720	0.6188	1.3800e-003	0.1479	1.1000e-003	0.1490	0.0392	1.0100e-003	0.0402		137.6787	137.6787	5.3800e-003		137.8131
Total	0.0854	0.0720	0.6188	1.3800e-003	0.1479	1.1000e-003	0.1490	0.0392	1.0100e-003	0.0402		137.6787	137.6787	5.3800e-003		137.8131

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	2.4288	26.3859	16.0530	0.0297		1.2734	1.2734		1.1716	1.1716		2,872.4851	2,872.4851	0.9290		2,895.7106
Total	2.4288	26.3859	16.0530	0.0297	6.5523	1.2734	7.8258	3.3675	1.1716	4.5390		2,872.4851	2,872.4851	0.9290		2,895.7106

Orland Truck Wash - Glenn 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	0.0712	0.0600	0.5157	1.1500e-003	0.1232	9.2000e-004	0.1241	0.0327	8.4000e-004	0.0335		114.7322	114.7322	4.4800e-003		114.8443
Total	0.0712	0.0600	0.5157	1.1500e-003	0.1232	9.2000e-004	0.1241	0.0327	8.4000e-004	0.0335		114.7322	114.7322	4.4800e-003		114.8443

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	2.4288	26.3859	16.0530	0.0297		1.2734	1.2734		1.1716	1.1716	0.0000	2,872.4851	2,872.4851	0.9290		2,895.7106
Total	2.4288	26.3859	16.0530	0.0297	6.5523	1.2734	7.8258	3.3675	1.1716	4.5390	0.0000	2,872.4851	2,872.4851	0.9290		2,895.7106

Orland Truck Wash - Glenn 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	0.0712	0.0600	0.5157	1.1500e-003	0.1232	9.2000e-004	0.1241	0.0327	8.4000e-004	0.0335		114.7322	114.7322	4.4800e-003		114.8443
Total	0.0712	0.0600	0.5157	1.1500e-003	0.1232	9.2000e-004	0.1241	0.0327	8.4000e-004	0.0335		114.7322	114.7322	4.4800e-003		114.8443

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	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503		2,553.0631	2,553.0631	0.6229		2,568.6345
Total	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503		2,553.0631	2,553.0631	0.6229		2,568.6345

Orland Truck Wash - Glenn 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	0.0736	1.6171	0.5396	3.7400e-003	0.0881	9.6900e-003	0.0978	0.0254	9.2700e-003	0.0347		389.8909	389.8909	0.0287		390.6087
Worker	0.1234	0.1040	0.8939	2.0000e-003	0.2136	1.5900e-003	0.2152	0.0567	1.4600e-003	0.0581		198.8692	198.8692	7.7700e-003		199.0634
Total	0.1970	1.7211	1.4335	5.7400e-003	0.3017	0.0113	0.3130	0.0820	0.0107	0.0928		588.7601	588.7601	0.0365		589.6720

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	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503	0.0000	2,553.0631	2,553.0631	0.6229		2,568.6345
Total	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503	0.0000	2,553.0631	2,553.0631	0.6229		2,568.6345

Orland Truck Wash - Glenn 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	0.0736	1.6171	0.5396	3.7400e-003	0.0881	9.6900e-003	0.0978	0.0254	9.2700e-003	0.0347		389.8909	389.8909	0.0287		390.6087
Worker	0.1234	0.1040	0.8939	2.0000e-003	0.2136	1.5900e-003	0.2152	0.0567	1.4600e-003	0.0581		198.8692	198.8692	7.7700e-003		199.0634
Total	0.1970	1.7211	1.4335	5.7400e-003	0.3017	0.0113	0.3130	0.0820	0.0107	0.0928		588.7601	588.7601	0.0365		589.6720

3.4 Building Construction - 2021

Unmitigated Construction On-Site

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

Orland Truck Wash - Glenn 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	0.0611	1.4688	0.4623	3.7100e-003	0.0881	4.8900e-003	0.0930	0.0254	4.6800e-003	0.0301		387.2446	387.2446	0.0291		387.9714
Worker	0.1136	0.0921	0.8027	1.9300e-003	0.2136	1.5300e-003	0.2151	0.0567	1.4100e-003	0.0581		192.0208	192.0208	6.8300e-003		192.1916
Total	0.1747	1.5609	1.2650	5.6400e-003	0.3017	6.4200e-003	0.3081	0.0820	6.0900e-003	0.0881		579.2654	579.2654	0.0359		580.1630

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643

Orland Truck Wash - Glenn 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	0.0611	1.4688	0.4623	3.7100e-003	0.0881	4.8900e-003	0.0930	0.0254	4.6800e-003	0.0301		387.2446	387.2446	0.0291		387.9714
Worker	0.1136	0.0921	0.8027	1.9300e-003	0.2136	1.5300e-003	0.2151	0.0567	1.4100e-003	0.0581		192.0208	192.0208	6.8300e-003		192.1916
Total	0.1747	1.5609	1.2650	5.6400e-003	0.3017	6.4200e-003	0.3081	0.0820	6.0900e-003	0.0881		579.2654	579.2654	0.0359		580.1630

3.5 Paving - 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	1.1837	11.8015	12.2823	0.0189		0.6509	0.6509		0.6005	0.6005		1,804.7070	1,804.7070	0.5670		1,818.8830
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1837	11.8015	12.2823	0.0189		0.6509	0.6509		0.6005	0.6005		1,804.7070	1,804.7070	0.5670		1,818.8830

Orland Truck Wash - Glenn County, Winter

3.5 Paving - 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	0.0949	0.0800	0.6876	1.5400e-003	0.1643	1.2200e-003	0.1655	0.0436	1.1200e-003	0.0447		152.9763	152.9763	5.9700e-003		153.1257
Total	0.0949	0.0800	0.6876	1.5400e-003	0.1643	1.2200e-003	0.1655	0.0436	1.1200e-003	0.0447		152.9763	152.9763	5.9700e-003		153.1257

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	1.1837	11.8015	12.2823	0.0189		0.6509	0.6509		0.6005	0.6005	0.0000	1,804.7070	1,804.7070	0.5670		1,818.8830
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1837	11.8015	12.2823	0.0189		0.6509	0.6509		0.6005	0.6005	0.0000	1,804.7070	1,804.7070	0.5670		1,818.8830

Orland Truck Wash - Glenn County, Winter

3.5 Paving - 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	0.0949	0.0800	0.6876	1.5400e-003	0.1643	1.2200e-003	0.1655	0.0436	1.1200e-003	0.0447		152.9763	152.9763	5.9700e-003		153.1257
Total	0.0949	0.0800	0.6876	1.5400e-003	0.1643	1.2200e-003	0.1655	0.0436	1.1200e-003	0.0447		152.9763	152.9763	5.9700e-003		153.1257

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	1.0940	10.8399	12.2603	0.0189		0.5788	0.5788		0.5342	0.5342		1,804.5523	1,804.5523	0.5670		1,818.7270
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0940	10.8399	12.2603	0.0189		0.5788	0.5788		0.5342	0.5342		1,804.5523	1,804.5523	0.5670		1,818.7270

Orland Truck Wash - Glenn 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	0.0874	0.0708	0.6175	1.4800e-003	0.1643	1.1700e-003	0.1655	0.0436	1.0800e-003	0.0447		147.7083	147.7083	5.2600e-003		147.8397
Total	0.0874	0.0708	0.6175	1.4800e-003	0.1643	1.1700e-003	0.1655	0.0436	1.0800e-003	0.0447		147.7083	147.7083	5.2600e-003		147.8397

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	1.0940	10.8399	12.2603	0.0189		0.5788	0.5788		0.5342	0.5342	0.0000	1,804.5523	1,804.5523	0.5670		1,818.7270
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0940	10.8399	12.2603	0.0189		0.5788	0.5788		0.5342	0.5342	0.0000	1,804.5523	1,804.5523	0.5670		1,818.7270

Orland Truck Wash - Glenn 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	0.0874	0.0708	0.6175	1.4800e-003	0.1643	1.1700e-003	0.1655	0.0436	1.0800e-003	0.0447		147.7083	147.7083	5.2600e-003		147.8397
Total	0.0874	0.0708	0.6175	1.4800e-003	0.1643	1.1700e-003	0.1655	0.0436	1.0800e-003	0.0447		147.7083	147.7083	5.2600e-003		147.8397

3.6 Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	8.0663					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928
Total	8.3084	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928

Orland Truck Wash - Glenn County, Winter

3.6 Architectural Coating - 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	0.0237	0.0200	0.1719	3.8000e-004	0.0411	3.1000e-004	0.0414	0.0109	2.8000e-004	0.0112		38.2441	38.2441	1.4900e-003		38.2814
Total	0.0237	0.0200	0.1719	3.8000e-004	0.0411	3.1000e-004	0.0414	0.0109	2.8000e-004	0.0112		38.2441	38.2441	1.4900e-003		38.2814

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	8.0663					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218		281.9928
Total	8.3084	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218		281.9928

Orland Truck Wash - Glenn County, Winter

3.6 Architectural Coating - 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	0.0237	0.0200	0.1719	3.8000e-004	0.0411	3.1000e-004	0.0414	0.0109	2.8000e-004	0.0112		38.2441	38.2441	1.4900e-003		38.2814
Total	0.0237	0.0200	0.1719	3.8000e-004	0.0411	3.1000e-004	0.0414	0.0109	2.8000e-004	0.0112		38.2441	38.2441	1.4900e-003		38.2814

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	8.0663					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	8.2852	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309

Orland Truck Wash - Glenn 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	0.0219	0.0177	0.1544	3.7000e-004	0.0411	2.9000e-004	0.0414	0.0109	2.7000e-004	0.0112		36.9271	36.9271	1.3100e-003		36.9599
Total	0.0219	0.0177	0.1544	3.7000e-004	0.0411	2.9000e-004	0.0414	0.0109	2.7000e-004	0.0112		36.9271	36.9271	1.3100e-003		36.9599

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	8.0663					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
Total	8.2852	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

Orland Truck Wash - Glenn 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	0.0219	0.0177	0.1544	3.7000e-004	0.0411	2.9000e-004	0.0414	0.0109	2.7000e-004	0.0112		36.9271	36.9271	1.3100e-003		36.9599
Total	0.0219	0.0177	0.1544	3.7000e-004	0.0411	2.9000e-004	0.0414	0.0109	2.7000e-004	0.0112		36.9271	36.9271	1.3100e-003		36.9599

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Orland Truck Wash - Glenn 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	5.0125	46.1840	48.9895	0.1540	8.9077	0.1793	9.0870	2.3914	0.1695	2.5609		15,711.09 24	15,711.09 24	1.4196		15,746.58 22
Unmitigated	5.0125	46.1840	48.9895	0.1540	8.9077	0.1793	9.0870	2.3914	0.1695	2.5609		15,711.09 24	15,711.09 24	1.4196		15,746.58 22

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Automobile Care Center	153.00	153.00	153.00	152,416	152,416
Strip Mall	734.96	734.96	734.96	1,131,860	1,131,860
Strip Mall	973.98	973.98	973.98	1,499,958	1,499,958
Strip Mall	883.92	883.92	883.92	1,361,263	1,361,263
User Defined Retail	0.00	0.00	0.00		
Total	2,745.85	2,745.85	2,745.85	4,145,497	4,145,497

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
Automobile Care Center	9.50	7.30	7.30	33.00	48.00	19.00	21	51	28
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15
User Defined Retail	9.50	7.30	7.30	33.00	48.00	19.00	21	51	28

Orland Truck Wash - Glenn County, Winter

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Automobile Care Center	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.500000	0.500000	0.000000	0.000000	0.000000	0.000000	0.000000
Strip Mall	0.549294	0.032492	0.169090	0.120716	0.031218	0.007276	0.009879	0.070912	0.001078	0.001647	0.004739	0.000801	0.000858
User Defined Retail	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.500000	0.500000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0289	0.2624	0.2204	1.5700e-003		0.0199	0.0199		0.0199	0.0199		314.8353	314.8353	6.0300e-003	5.7700e-003	316.7062
NaturalGas Unmitigated	0.0289	0.2624	0.2204	1.5700e-003		0.0199	0.0199		0.0199	0.0199		314.8353	314.8353	6.0300e-003	5.7700e-003	316.7062

Orland Truck Wash - Glenn 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					
Automobile Care Center	349.93	3.7700e-003	0.0343	0.0288	2.1000e-004		2.6100e-003	2.6100e-003		2.6100e-003	2.6100e-003		41.1682	41.1682	7.9000e-004	7.5000e-004	41.4129
Strip Mall	566.983	6.1100e-003	0.0556	0.0467	3.3000e-004		4.2200e-003	4.2200e-003		4.2200e-003	4.2200e-003		66.7039	66.7039	1.2800e-003	1.2200e-003	67.1002
Strip Mall	681.898	7.3500e-003	0.0669	0.0562	4.0000e-004		5.0800e-003	5.0800e-003		5.0800e-003	5.0800e-003		80.2233	80.2233	1.5400e-003	1.4700e-003	80.7000
Strip Mall	751.375	8.1000e-003	0.0737	0.0619	4.4000e-004		5.6000e-003	5.6000e-003		5.6000e-003	5.6000e-003		88.3970	88.3970	1.6900e-003	1.6200e-003	88.9223
User Defined Retail	325.915	3.5100e-003	0.0320	0.0268	1.9000e-004		2.4300e-003	2.4300e-003		2.4300e-003	2.4300e-003		38.3430	38.3430	7.3000e-004	7.0000e-004	38.5708
Total		0.0288	0.2624	0.2204	1.5700e-003		0.0199	0.0199		0.0199	0.0199		314.8353	314.8353	6.0300e-003	5.7600e-003	316.7062

Orland Truck Wash - Glenn 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					
Automobile Care Center	0.34993	3.7700e-003	0.0343	0.0288	2.1000e-004		2.6100e-003	2.6100e-003		2.6100e-003	2.6100e-003		41.1682	41.1682	7.9000e-004	7.5000e-004	41.4129
Strip Mall	0.566983	6.1100e-003	0.0556	0.0467	3.3000e-004		4.2200e-003	4.2200e-003		4.2200e-003	4.2200e-003		66.7039	66.7039	1.2800e-003	1.2200e-003	67.1002
Strip Mall	0.681898	7.3500e-003	0.0669	0.0562	4.0000e-004		5.0800e-003	5.0800e-003		5.0800e-003	5.0800e-003		80.2233	80.2233	1.5400e-003	1.4700e-003	80.7000
Strip Mall	0.751375	8.1000e-003	0.0737	0.0619	4.4000e-004		5.6000e-003	5.6000e-003		5.6000e-003	5.6000e-003		88.3970	88.3970	1.6900e-003	1.6200e-003	88.9223
User Defined Retail	0.325915	3.5100e-003	0.0320	0.0268	1.9000e-004		2.4300e-003	2.4300e-003		2.4300e-003	2.4300e-003		38.3430	38.3430	7.3000e-004	7.0000e-004	38.5708
Total		0.0288	0.2624	0.2204	1.5700e-003		0.0199	0.0199		0.0199	0.0199		314.8353	314.8353	6.0300e-003	5.7600e-003	316.7062

6.0 Area Detail

6.1 Mitigation Measures Area

Orland Truck Wash - Glenn 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	2.2221	7.0000e-005	7.6200e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0163	0.0163	4.0000e-005		0.0174
Unmitigated	2.2221	7.0000e-005	7.6200e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0163	0.0163	4.0000e-005		0.0174

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	0.5083					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.7131					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	7.1000e-004	7.0000e-005	7.6200e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0163	0.0163	4.0000e-005		0.0174
Total	2.2221	7.0000e-005	7.6200e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0163	0.0163	4.0000e-005		0.0174

Orland Truck Wash - Glenn 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	0.5083					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.7131					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	7.1000e-004	7.0000e-005	7.6200e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0163	0.0163	4.0000e-005		0.0174
Total	2.2221	7.0000e-005	7.6200e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0163	0.0163	4.0000e-005		0.0174

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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Orland Truck Wash - Glenn 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
